

Phase I Environmental Site Assessment

Tract 3
73 Highlands Boulevard
Pooler, Chatham County, Georgia

January 18, 2017
Terracon Project No. ES167376



Prepared for:

TCA, LLC
Augusta, Georgia

Prepared by:

Terracon Consultants, Inc.
Savannah, Georgia

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



January 18, 2017

TCA, LLC
ATC Development
220 Boy Scott Road
Augusta, Georgia 30909

Attn: Ms. Shelly Martin
E: shellym@atcdevelopment.com

Re: Phase I Environmental Site Assessment

Tract 3
73 Highlands Boulevard
Pooler, Chatham County, Georgia
Terracon Project No. ES167376

Dear Ms. Martin:

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 Terracon Proposal No. PES167376, dated December 19, 2016.

We appreciate the opportunity to be of service to you on this project. In addition to performing Phase I services, our professionals provide various **environmental, geotechnical, 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.

If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us at your earliest convenience.

Sincerely,

Terracon Consultants, Inc.

Courtney Hudson
Field Scientist

Stewart A. Dixon, PG
Environmental Department Manager



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TABLE OF CONTENTS

Section	Page No.
EXECUTIVE SUMMARY	i
Findings.....	i
Conclusions	ii
Recommendations	ii
1.0 INTRODUCTION	1
1.1 Site Description	1
1.2 Scope of Services.....	1
1.3 Standard of Care	2
1.4 Additional Scope Limitations, ASTM Deviations and Data Gaps.....	2
1.5 Reliance.....	3
1.6 Client Provided Information.....	3
2.0 PHYSICAL SETTING	4
3.0 HISTORICAL USE INFORMATION	5
3.1 Historical Topographic Maps, Aerial Photographs, Sanborn Maps.....	5
3.2 Historical City Directories.....	7
3.3 Site Ownership	8
3.4 Title Search	8
3.5 Environmental Liens and Activity and Use Limitations	8
3.6 Interviews Regarding Current and Historical Site Uses.....	8
3.7 Prior Report Review	9
3.8 Historical Use Information Summary	9
4.0 RECORDS REVIEW	9
4.1 Federal and State/Tribal Databases.....	10
4.2 Local Agency Inquiries.....	13
4.3 Records Review Summary	13
5.0 SITE RECONNAISSANCE	13
5.1 General Site Information.....	13
5.2 Overview of Current Site Operations.....	14
5.3 Site Observations	14
5.3.1 Releases or Potential Releases.....	16
5.3.2 Other Notable Features.....	16
5.4 Site Reconnaissance Summary	16
6.0 ADJOINING PROPERTY RECONNAISSANCE.....	16
6.1 Adjoining Property Summary	17
7.0 ADDITIONAL SERVICES	17
8.0 DECLARATION.....	17

TABLE OF CONTENTS (continued)

APPENDICES

APPENDIX A	Figure 1 - General Vicinity Map Figure 2 - Topographic Map Figure 3 - Site Diagram
APPENDIX B	Site Photographs
APPENDIX C	Historical Documentation and User Questionnaire
APPENDIX D	Prior Reports and Documentation
APPENDIX E	Environmental Database Information
APPENDIX F	Credentials
APPENDIX G	Description of Terms and Acronyms

EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was performed in accordance with Terracon Proposal No. PES167376, dated December 19, 2016, and was conducted consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA was conducted under the supervision or responsible charge of Stewart A. Dixon, PG, Environmental Professional. Courtney Hudson performed the site reconnaissance on January 10, 2017.

Findings

A brief summary of findings is provided below, followed by our conclusions and recommendations. 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 consists of one undeveloped wooded parcel of land totaling 23.38 acres located at 73 Highlands Boulevard in Pooler, Chatham County, Georgia.

Historical Information

The site has consisted of undeveloped wooded and/or cleared land transected by St. Augustine Creek from at least the late 1930s. The site has predominately been a wooded tract; however, the timber on the site appears to have been cleared and replanted at least once since the 1930s. St. Augustine Creek Road was constructed across the southwestern portion of the site by 1951. Based on the expanded preliminary jurisdiction delineation letter from the U.S. Army Corps of Engineers provided by the client, wetlands have been identified on the site. No indications of recognized environmental conditions (RECs), controlled RECs (CRECs), or historical RECs (HRECs) were identified during the historical review in connection with the site and adjoining property uses.

Records Review

The site is not listed in the current environmental regulatory database report. In addition, no facilities were listed within applicable radii of the site. No RECs or HRECs were identified for the site during the review of environmental records or inquiries with local agencies.

Site Reconnaissance

Based on the site reconnaissance, the site is currently undeveloped wooded land consisting of pine trees and various shrubby plants transected by a dirt roadway labeled as St. Augustine Creek

Phase I Environmental Site Assessment

Tract 3 ■ Pooler, Chatham County, Georgia

January 18, 2017 ■ Terracon Project No. ES167376



Road, St. Augustine creek, and apparent wetland areas. No indications of RECs were observed for the site or the surrounding properties based on the site reconnaissance.

Adjoining Properties

The site is bounded to the north by undeveloped wooded land, to the east by Highlands Boulevard followed by undeveloped land; to the south by undeveloped wooded land transected by St. Augustine Creek Road; to the west by undeveloped wooded land transected by St. Augustine Creek Road. No indications of RECs, CRECs, or HRECs were observed in association with the current adjoining property operations.

Conclusions

Terracon has performed a Phase I ESA consistent with the procedures included in ASTM Practice E1527-13 at property located known as the Tract 3 located at 73 Highlands Boulevard in Pooler, Chatham County, Georgia, the site. Based on a review of readily available database records, prior reports, historical interviews, and a reconnaissance of the site, no RECs or HRECs were identified in connection with the site.

Recommendations

Based on the findings and conclusions of this ESA, Terracon does not recommend additional investigation or action at this time.

1.0 INTRODUCTION

1.1 Site Description

Site Name	Tract 3
Site Location/Address	73 Highlands Boulevard Pooler, Chatham County, Georgia Property Identification Number (PIN): 2-1016-02-047
Land Area	Approximately 23.38 acres
Site Improvements	Undeveloped wooded land transected by St. Augustine Creek Road, and a dirt roadway.

The location of the site is depicted on a General Vicinity Map provided as Figure 1 of Appendix A. Figure 2 of Appendix A is a Topographic Map depicting the site and surrounding area as reproduced from a portions of the 2014 Port Wentworth and Melford, Georgia U.S. Geologic Survey 7.5-minute series topographic map. A Site Diagram is included as Figure 3 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 Terracon Proposal No. PES167376, dated December 19, 2016, and was conducted consistent with the procedures included in ASTM E1527-13, *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 recognized environmental conditions (RECs), controlled RECs (CRECs), or historical RECs (HRECs) in connection with the site as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, user-provided information, 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.

ASTM E1527-13 contains a new definition of "migrate/migration," which refers to "the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface." By including this explicit reference to migration in ASTM E1527-13, the standard clarifies that the potential for vapor migration should be addressed as part of a Phase I ESA and was considered by Terracon in evaluation of RECs associated with the site.

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. 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 or petroleum products 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 ESA report is prepared for the exclusive use and reliance of TCA, LLC, the client. Use or reliance by any other party is prohibited without the written authorization of the Client 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. The limitation of liability defined in the Agreement is the aggregate limit of Terracon's liability to the client and all relying parties.

Continued viability of this report is subject to ASTM E1527-13 Sections 4.6 and 4.8. 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 E1527-13.

1.6 Client Provided Information

Prior to the site visit, Mr. Damien Lanclos, client representative, was asked to provide the following user questionnaire information as described in ASTM E1527-13 Section 6. Mr. Damien Lanclos responded to the best of his knowledge, and we find no significant data gaps regarding the returned questionnaire. A signed copy of the user questionnaire is provided in Appendix C.

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 Contamination at the site.			X

2.0 PHYSICAL SETTING

Physical Setting

Physical Setting Information		Source
Topography (Refer to Appendix A for an excerpt of the Topographic Map)		
Site Elevation	Approximately 5-10 feet (NGVD).	USGS Topographic Map, Port Wentworth Quadrangle, 2014
Surface Runoff/ Topographic Gradient	General gradient to the east southeast.	
Closest Surface Water	St. Augustine Creek located on-site.	
Soil Characteristics		
Soil Type	Ok: Ogeechee loamy fine sand Pl: Pelham loamy sand	Chatham County, Georgia USDA-NRCS Web Soil Survey, 2014
Description	<u>Ogeechee</u> 0" to 8": Loamy fine sand 8" to 60": Sandy clay loam <u>Pelham</u> 0" to 27": Loamy sand 27" to 68": Sandy clay loam	

Physical Setting Information		Source
Geology/Hydrogeology		
Formation	Pamlico Shoreline Complex.	Geologic Map of Georgia, Georgia Geologic Survey, 1976
Description	Marsh and Lagoonal Facies, Coastal Plain Sedimentary Rocks.	
Estimated Depth to First Occurrence of Groundwater	Between 2 to 10 feet below ground surface (bgs).	Terracon Geotechnical Investigation, 2017
*Hydrogeologic Gradient	Not known - may be inferred to be parallel to topographic gradient (primarily to the east-southeast).	

***NOTE:** 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 past uses for indications of RECs. Copies of selected historical documents are included in Appendix C.

3.1 Historical Topographic Maps, Aerial Photographs, Sanborn Maps

Readily available historical USGS topographic maps, selected historical aerial photographs (at approximately 10 to 15 year intervals) and historical fire insurance maps produced by the Sanborn Map Company were reviewed to evaluate land development and obtain information concerning the history of development on and near the site. Reviewed historical topographic maps, aerial photographs and Sanborn Maps are summarized below.

Topographic Maps Reviewed

Source	Map Name	Year	Scale
§ USGS	Savannah, Georgia	1942	1:62,500
§ USGS	Port Wentworth, Georgia	1955	1:24,000
§ USGS	Port Wentworth, Georgia	1971	1:24,000
§ USGS	Meldrim, Georgia	1971	1:24,000
§ USGS	Port Wentworth, Georgia	1980	1:24,000

Topographic Maps Reviewed

	Source	Map Name	Year	Scale
§	USGS	Port Wentworth, Georgia	1993	1:24,000
§	USGS	Port Wentworth, Georgia	2014	1:24,000

Aerial Photographs Reviewed

	Source	Year	Scale
§	USDA	1938	1" = 500'
§	USGS	1951	1" = 500'
§	USGS	1958	1" = 500'
§	USGS	1965	1" = 500'
§	USGS	1968	1" = 500'
§	USGS	1971	1" = 500'
§	USGS	1977	1" = 500'
§	USGS	1981	1" = 500'
§	USGS	1988	1" = 500'
§	USDA/DOQQ	1994	1" = 500'
§	USDA/NAIP	2005	1" = 500'
§	USDA/NAIP	2006	1" = 500'
§	USDA/NAIP	2007	1" = 500'
§	USDA/NAIP	2009	1" = 500'
§	USDA/NAIP	2010	1" = 500'
§	Google Earth	2014	Variable

Historical Fire Insurance Maps Reviewed

Historical fire insurance maps produced by the Sanborn Map Company were requested from Environmental Data Resources, Inc. (EDR) to evaluate past uses and relevant characteristics of the site and surrounding area; however, insurance maps were not available for the site. A copy of the Certified Sanborn® Map Report "No Coverage" letter is included in Appendix C.

Historical Topographic Maps, Aerial Photographs, and Sanborn Maps

Direction	Description
Site	Undeveloped wooded land transected by St. Augustine Creek (1938) Undeveloped wooded land transected by St. Augustine Creek, St. Augustine Creek Road visible across the southwestern portion of the site (1951-1968); Undeveloped wooded land and cleared land transected by St. Augustine Creek, St. Augustine Creek Road visible (1971); Cleared and/or graded land transected by St. Augustine creek (1977); Undeveloped wooded land transected by St. Augustine Creek, St. Augustine Creek Road visible (1988-1993); Undeveloped wooded land transected by St. Augustine Creek Road, St. Augustine Creek, and an unnamed dirt road (1994-2014).
North	Undeveloped wooded land (1938-1977); A drainage feature followed by undeveloped wooded land (1980-1994); Undeveloped wooded land (2005-2014).
East	Undeveloped wooded land transected by a dirt road (1938); Undeveloped wooded land (1943-1971); Cleared and/or graded land (1977); Undeveloped wooded land transected by a drainage feature (1980-1994); Highlands Boulevard followed by undeveloped wooded land (2005); Highlands Boulevard followed by undeveloped wooded land and a drainage feature (2006-2014).
South	Undeveloped wooded land transected by a dirt road (1938); Undeveloped wooded land (1943); Undeveloped wooded land transected by St. Augustine Creek (1951-1968); Undeveloped wooded land and cleared land transected by St. Augustine Creek (1971-1977); Undeveloped wooded land transected by St. Augustine Creek (1980-2014).
West	Undeveloped wooded land (1938-1943); Undeveloped wooded land transected by St. Augustine Creek (1951-1968); Undeveloped land and cleared land transected by St. Augustine Creek (1971-1977); Undeveloped wooded land transected by St. Augustine Creek (1980-1994); Undeveloped wooded land transected by St. Augustine Creek and a roadway (2005-2014).

3.2 Historical City Directories

The Cole Information Services and Polk city directories used in this study were made available through Environmental Data Resources, Inc. (selected years reviewed: 2003 -2013) and were reviewed at approximate five-year intervals, if readily available. Street listings were not available prior to 2003. The current street address for the site was identified as 73 Highlands Boulevard. A copy of the city directories report is included in Appendix C.

Historical City Directories

Direction	Description
Site	73 Highlands Boulevard: Unlisted (2003 - 2013).
North	No addresses listed.
East	62 Highlands Boulevard: Unlisted (2003 - 2013).

Direction	Description
South	No addresses listed.
West	No addresses listed.

3.3 Site Ownership

Based on a review of information obtained from the Chatham County Board of Assessors website, the current owner of the site is Acorn 6B Highway 25 Real Estate LLC (Parcel ID Number 2-1016-02-047). A copy of the 2016 Property Record Card for the site is included in Appendix C.

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

Environmental lien 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

The following individual was interviewed regarding the current and historical use of the site.

Interviewees

Interviewer	Interviewee/Phone #	Title	Date/Time
Courtney Hudson	Mr. Tom Shoughnessy 678-412-0336	Current Owner	January 11, 2017 10:00 AM

According to Mr. Tom Shoughnessy: He had been associated with the site for two years and the site consisted of undeveloped wooded land. He stated that a wetland delineation had previously been conducted at the site and that wetland areas were identified. He was unaware of any recognized environmental conditions in connection with the site.

3.7 Prior Report Review

The client provided a copy of the Expanded Preliminary Jurisdictional Determination letter prepared by the U.S. Army Corps of Engineers, dated August 17, 2015 for the site. The letter is summarized below.

Expanded Preliminary Jurisdiction Delineation

Highlands Road Property

Chatham County, Georgia

Prepared By: U.S. Army Corps of Engineers,

Savannah District - Regulatory Division

Prepared For: Mr. Thomas Shaughnessy

Dated: August 15, 2015

The August 2015 letter documents the U.S. Army Corps of Engineers' (USACE) completion of an expanded preliminary jurisdiction delineation letter for a site located north of Jimmy DeLoach Parkway and east of Highland Boulevard with a latitude of 32.1712 North and longitude of 81.2295 West, which is located at the subject property (Tract 3). The letter indicated the wetlands/other waters on the site may be waters of the United States within the jurisdiction of Section 404 of the Clean Water Act. The survey entitled Highlands Road Property-Chatham County, Georgia dated June 1, 2015 indicated that there are wetlands and other waters on the current site. The wetlands on the current site are titled as wetland area "B". The wetlands on the site are covered in the August 2015 delineation letter. A copy of the Jurisdiction Delineation report is included in Appendix C.

3.8 Historical Use Information Summary

The site has consisted of undeveloped wooded and/or cleared land transected by St. Augustine Creek from at least the late 1930s. The site has predominately been a wooded tract; however, the timber on the site appears to have been cleared and replanted at least once since the 1930s. St. Augustine Creek Road was constructed across the southwestern portion of the site by 1951. Based on the expanded preliminary jurisdiction delineation letter from the U.S. Army Corps of Engineers provided by the client, wetlands have been identified on the site. No indications of RECs, CRECs, and HRECs were identified during the historical review in connection with the site and adjoining property uses.

4.0 RECORDS REVIEW

Regulatory database information was provided by EDR, a contract information services company. 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, and 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 on the following pages 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	Radius (miles)	Listings
CERCLIS	The CERCLIS database is a compilation of facilities which the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the CERCLA of 1980.	0.5	0
CERCLIS / NFRAP	CERCLIS/NFRAP refers to facilities that have been removed and archived from EPA's inventory of CERCLA sites.	0.5	0
ERNS	The Emergency Response Notification System (ERNS) is a listing compiled by the EPA on reported releases of petroleum and hazardous substances to the air, soil and/or water.	Site	0
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.	Site	0
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.	1	0

Database	Description	Radius (miles)	Listings
NPL (Delisted)	The NPL (Delisted) refers to facilities that have been removed from the NPL.	0.5	0
RCRA CORRACTS/ TSD	The EPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous waste that are undergoing “corrective action.” A “corrective action” order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	1	0
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.	0.25	0
RCRA Non-CORRACTS/ TSD	The RCRA Non-CORRACTS/TSD Database is a compilation by the EPA 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.	0.5	0

State/Tribal Databases

Database	Description	Radius (miles)	Listings
Brownfields	State and/or Tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.	0.5	0
IC	Sites on the Public Record Listing that have institutional controls or limitations on use are sites with Risk Reduction Standards of 3, 4 and 5.	Site	0
LUST	State and/or Tribal database of leaking underground storage tanks in the state of Georgia.	0.5	0
SHWS	State Hazardous Waste Sites (state equivalent to CERCLIS).	0.5	0
SWF/LF	State and/or Tribal database of solid waste facilities located within Georgia. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.	0.5	0

Database	Description	Radius (miles)	Listings
UST	State and/or Tribal database of registered storage tanks in the State of Georgia which may include the owner and location of the tanks.	0.25	0
SWRCY	Georgia recycling facility location list.	0.5	0
SPILLS	A record of oil or hazardous material spills or releases maintained by the State of Georgia.	Site	0
RCRA NonGen/NLR	RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the RCRA. Non-Generators do not presently generate hazardous waste.	0.25	0
FINDS	Contains both facility information and 'pointers' to other sources that contain more detail. Databases included: Permit Compliance System (PCS), Aerometric Information Retrieval System (AIRS), Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes (DOCKET), Federal Underground Injection Control (FURS), Criminal Docket System used to track criminal enforcement actions for all environmental statutes (C-DOCKET), Federal Facilities Information System (FFIS), State Environmental Laws and Statutes (STATE), and PCB Activity Data System (PADS).	Site	0

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 included in Appendix D.

According to the EDR report, no facilities are listed within applicable radii of the site.

"Unmappable," or "orphan," facilities are those that do not contain sufficient address or location information for the database report to evaluate the facility listing locations relative to the site. The reviewed database report listed no facilities in the unmapped section.

4.2 Local Agency Inquiries

The local agencies and private companies listed below were contacted regarding information relevant to the site. Communication logs documenting the conversations with the various parties are provided in Appendix C.

Agency Contacted/ Contact Method	Response
Chatham County Environmental Health Department Telephone: (912) 356 2969	Terracon submitted an open records request form to the Chatham County Environmental Health Department, requesting records of possible environmental contamination at the site and adjoining properties. Terracon's Courtney Hudson followed up via telephone on January 12, 2017 regarding environmental records for the site. Ms. Linda Woodward indicated that there were no records or reports for the site.
City of Savannah Fire and Emergency Services Online General Public Records Request	Terracon submitted an open records request form to the City of Savannah, requesting records of possible environmental contamination at the site and adjoining properties. On January 4, 2017, Mr. Alexandria Isihos of Savannah Fire and Emergency Services, there are no incident records that may indicate any environmental conditions or concerns associated with the site.

4.3 Records Review Summary

Selected federal and state environmental regulatory databases, as well as responses from state and local regulatory agencies were reviewed. The site was not referred to specifically in any reviewed databases. No other facilities were identified in any reviewed databases within the applicable search radii of the site. No indications of RECs, CRECs, or HRECs were identified during the records review for the site or inquiries with local agencies.

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. Figure 3 in Appendix A is a diagram of the site. 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 F.

General Site Information

Site Reconnaissance	
Field Personnel	Courtney Hudson
Reconnaissance Date	January 10, 2017
Weather Conditions	Sunny, approximately 65°F
Site Contact / Title	None

5.2 Overview of Current Site Operations

The site consists of one 23.38 acre parcel of land located at 73 Highlands Boulevard in Pooler, Chatham County, Georgia. This site consists of pine trees and various shrubby plants transected by a dirt roadway labeled as St. Augustine Creek Road, St. Augustine Creek, and apparent wetland areas.

5.3 Site Observations

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

Site Characteristics

Category	Item or Feature	Observed or Identified
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	
	Vehicle repair or maintenance	

Phase I Environmental Site Assessment

Tract 3 ■ Pooler, Chatham County, Georgia

January 18, 2017 ■ Terracon Project No. ES167376



Category	Item or Feature	Observed or Identified
Site Operations, Processes, and Equipment	Pesticide/herbicide production or storage	
	Printing operations	
	Electroplating, chrome plating or galvanizing	
	Salvage operations	
	Oil, gas or mineral production	
	Other processes or equipment	
Aboveground Chemical or Waste Storage	Aboveground storage tanks	
	Drums, barrels and/or containers ³ 5 gallons	
	MSDS	
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, French drains, catch basins and/or dry wells	
	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	X
	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	X
	Quarries or pits	
	Wastewater lagoons	

Category	Item or Feature	Observed or Identified
Other Notable Site Features	Wells	
	Sanitary Sewer Man Hole Cover	

5.3.1 Releases or Potential Releases

Dumping or Disposal Areas

Trash and debris was observed throughout the site, mainly along the interior access roads, the debris consisted of house trash, tires and several bags of trash, the presence of this debris does not constitute a REC and is a housekeeping issue.

5.3.2 Other Notable Features

Surface Water Bodies

Several standing water areas were observed within the interior of the site and appear consistent with wetland features. St. Augustine Creek was observed on the western portion of the site along St. Augustine Creek Road. The water features do not represent RECs to the site.

5.4 Site Reconnaissance Summary

Based on the site reconnaissance, the site is currently undeveloped wooded land consisting of pine trees and various shrubby plants transected by a dirt roadway labeled as St. Augustine Creek Road, St. Augustine Creek, and apparent wetland areas. No indications of RECs were observed for the site or the surrounding properties based on the site reconnaissance.

6.0 ADJOINING PROPERTY RECONNAISSANCE

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

Adjoining Properties

Direction	Description
North	Undeveloped wooded land
East	Highlands Boulevard followed by undeveloped land
South	Undeveloped wooded land transected by St. Augustine Creek Road
West	Undeveloped wooded land transected by St. Augustine Creek Road

6.1 Adjoining Property Summary

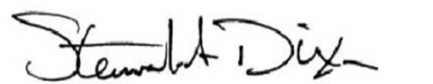
The site is bounded to the north by undeveloped wooded land, to the east by Highlands Boulevard followed by undeveloped land; to the south by undeveloped wooded land transected by St. Augustine Creek Road; to the west by undeveloped wooded land transected by St. Augustine Creek Road. No indications of RECs, CRECs, or HRECs were observed in association with the current adjoining property operations.

7.0 ADDITIONAL SERVICES

Per the agreed scope of services specified in the proposal, additional services (e.g. asbestos sampling, lead-based paint sampling, wetlands evaluation, lead in drinking water testing, radon testing, vapor encroachment screening, etc.) were not conducted.

8.0 DECLARATION

I, Stewart A. Dixon, PG, 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.



Stewart A. Dixon, PG

Senior Project Geologist / Environmental Department Manager

APPENDIX A

Figures

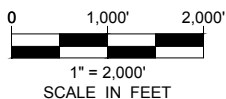
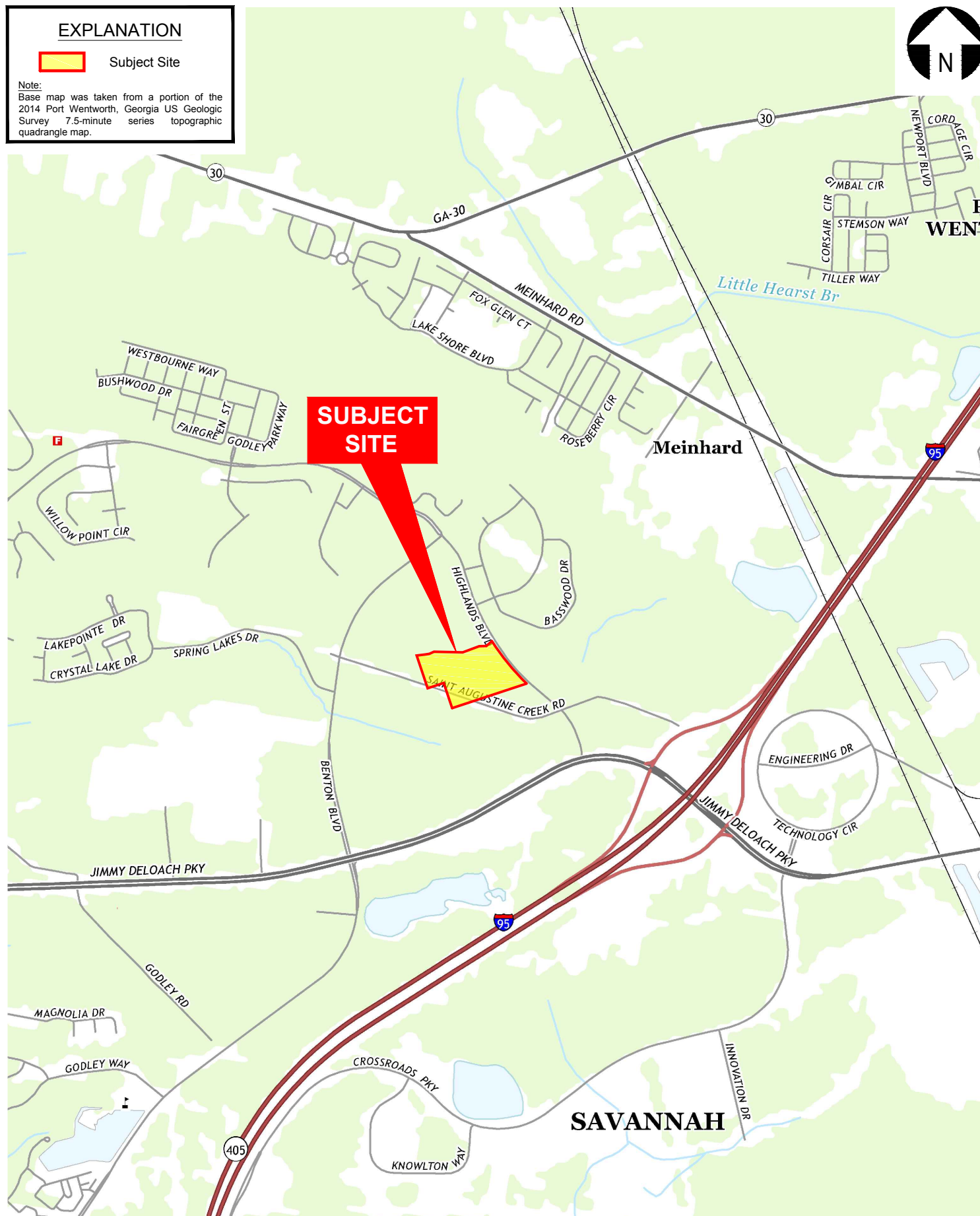
EXPLANATION



Subject Site

Note:

Base map was taken from a portion of the 2014 Port Wentworth, Georgia US Geologic Survey 7.5-minute series topographic quadrangle map.



Project Mng: SAD
 Drawn By: VMG
 Checked By: CEH
 Approved By: SAD

Project No. ES167376
 Scale: 1" = 2,000'
 File Name: ES167376.dwg
 Date: January 12, 2017

Terracon
 Consulting Engineers & Scientists

2201 Rowland Avenue Savannah, Georgia 31404
 Phone (912) 629 4000 Fax (912) 629 4001

GENERAL VICINITY MAP

Tract 3
 73 Highlands Boulevard
 Savannah, Chatham County, Georgia

Figure

1

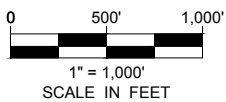
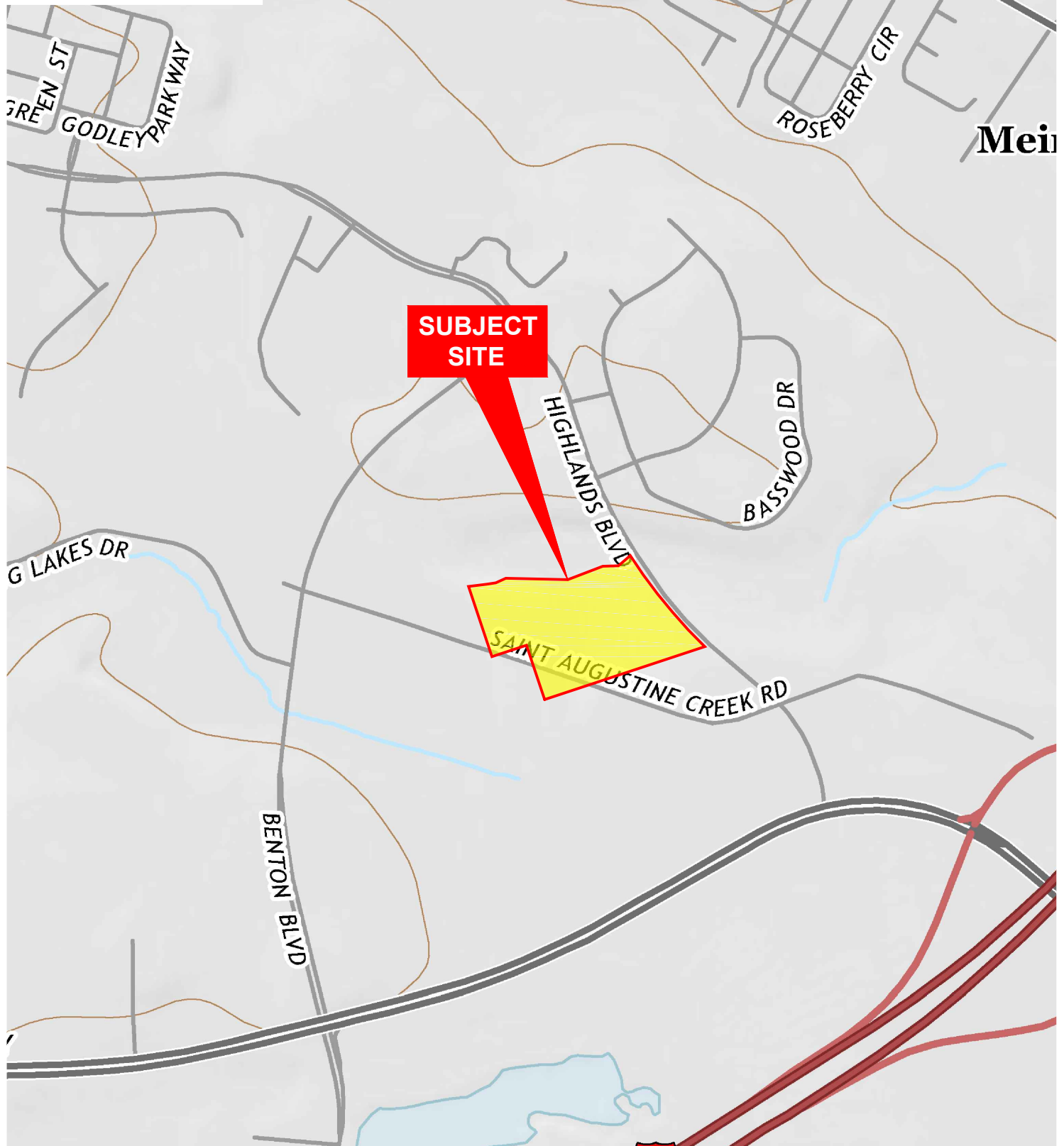
EXPLANATION



Subject Site

Note:

Base map was taken from a portion of the 2014 Port Wentworth, Georgia US Geologic Survey 7.5-minute series topographic quadrangle map. Contour interval is ten feet.



Project Mng: SAD
Drawn By: VMG
Checked By: CEH
Approved By: SAD

Project No. ES167376
Scale: 1" = 1,000'
File Name: ES167376.dwg
Date: January 12, 2017

Terracon
Consulting Engineers & Scientists
2201 Rowland Avenue Savannah, Georgia 31404
Phone (912) 629 4000 Fax: (912) 629 4001

TOPOGRAPHIC MAP

Tract 3
73 Highlands Boulevard
Savannah, Chatham County, Georgia

Figure

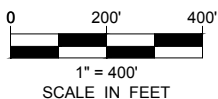
2

EXPLANATION

- SUBJECT PARCEL BOUNDARY
--- EXISTING PARCEL BOUNDARY

Note:

Map elements were graphically estimated from Google Earth aerial imagery, Chatham County tax maps (sagis.org), and on-site observations. Parcel boundaries are approximate. Not intended for construction purposes.



Project Mng: SAD
 Drawn By: VMG
 Checked By: CEH
 Approved By: SAD

Project No. ES167376
 Scale: 1" = 400'
 File Name: ES167376.dwg
 Date: January 12, 2017

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 Consulting Engineers & Scientists
 2201 Rowland Avenue Savannah, Georgia 31404
 Phone (912) 629 4000 Fax: (912) 629 4001

SITE DIAGRAM

Tract 3
 73 Highlands Boulevard
 Savannah, Chatham County, Georgia

Figure

3

APPENDIX B

Site Photographs



PHOTO # 1: View of the eastern site limits. View is to the north.



PHOTO # 2: View of the southern site limits along the dirt road. View is to the west.



PHOTO # 3: View of the western site limits. View is to the north.



PHOTO # 4: View of the northern site limits. View is to the west.



PHOTO # 5: Typical view of dirt road on-site. View is to the west.



PHOTO # 6: View of St. Augustine Creek Road and standing water on-site. View is to the northwest.



PHOTO # 7: View of St. Augustine Creek on-site. View is to the northwest.



PHOTO # 8: View of the debris observed throughout the site. View is to the north.



PHOTO # 9: View of the eastern adjoining Highlands Boulevard. View is to the east.

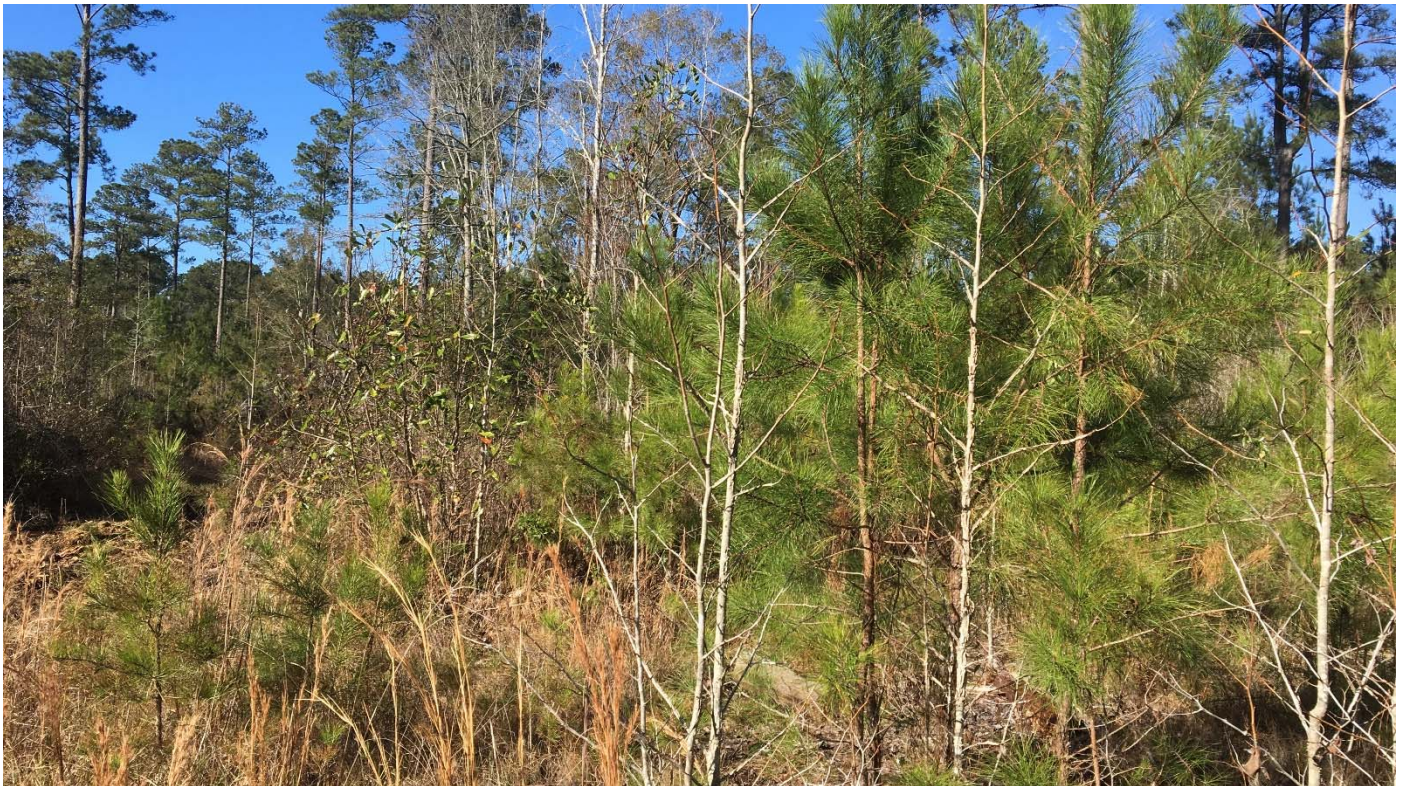


PHOTO # 10: Adjoining property south. View is to the south.



PHOTO # 11: Adjoining property west. View is to the west.



PHOTO # 12: Adjoining property north. View is to the north.

APPENDIX C

Historical Documentation and User Questionnaire

ASTM E1527-13 USER QUESTIONNAIRE

Proposal No. PES167376

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must respond to the following questions. Failure to provide this information to the environmental professional may result in significant data gaps, which may limit our ability to identify recognized environmental conditions resulting in a determination that "all appropriate inquiry" is not complete. This form represents a type of interview and as such, the user has an obligation to answer all questions in good faith, to the extent of their actual knowledge.

Site Name: Tract 3 Site Address: 73 Highlands Blvd

- 1) Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state, or local law (40 CFR 312.25)?
☒ No ☐ Yes If yes, please explain.
- 2) Did a search of recorded 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 property and/or have been filed or recorded against the property under federal, tribal, state, or local law (40 CFR 312.26)?
☒ No ☐ Yes If yes, please explain.
- 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)?
☒ No ☐ Yes If yes, please explain.
- 4) Do you have actual knowledge of a lower purchase price because contamination is known or believed to be present at the site (40 CFR 312.29)? ☒ No ☐ Yes If yes, please explain.
- 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)?
☒ No ☐ Yes If yes, please explain.
- 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 contamination at the site (40 CFR 312.31)?
☒ No ☐ Yes If yes, please explain.

Request for Information and Documentation

In addition to the specific questions outlined above, the user is requested to provide the following information and documentation, as available. ASTM requires that this information, if available, be provided to the environmental professional prior to the site visit.

ASTM E1527-13 USER QUESTIONNAIRE

Proposal No. PES167376

Item Supplied "X"	Not Applicable, Not Available or Not Known "X"	Item Requested (See Proposal)	Contacts / Comments or Indicate Attachment
X		Point of Contact for Access	Name / Phone: William Lattimore 912.596.7012
X		Current Site Owner	Name / Phone: Sabal / Thomas Shashnessy 678-412.0336
	X	Current Facility Operator	Name / Phone:
X		Contacts for Prior Owners	Name / Phone: Foxfield Co Harry Kitchen 843.705.3780 ext. 222
	X	Contacts for Prior Occupants	Name / Phone:
X	X	Access Restrictions	Wetlands Delineation cell: (912) 313.5017
	X	Notification of Special Requirements Regarding Confidentiality	
X		Legal Description and Diagram / Survey of Site	Previously Provided - Final Wetlands Attached
	X	Chain of Title with Grantor / Grantee Summary (back to 1940 or first developed use)	
X		Reasons for Conducting ESA	Acquisition

Helpful Documents Checklist

Pursuant to ASTM E 1527-13 § 10.8, do you know whether any of the following documents exist related to the subject property and, if so, whether copies can and will be provided to the environmental professional? Check all that apply.

- | | |
|---|---|
| <input type="checkbox"/> Environmental site assessment reports | <input type="checkbox"/> Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property |
| <input type="checkbox"/> Environmental compliance audit reports | |
| <input type="checkbox"/> Geotechnical studies | <input type="checkbox"/> Registrations for underground injection systems |
| <input type="checkbox"/> Reports regarding hydrogeologic conditions on the property or surrounding area | <input type="checkbox"/> Environmental permits / plans, solid waste permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits, SPCC plans |
| <input type="checkbox"/> Registrations for above or underground storage tanks | |

DAMIAN LANCLOS
 Printed Name (Authorized Client Representative)

MANAGING DIRECTOR, SYN
 Title

[Signature]
 Signature

12/20/2016
 Date

2016 Chatham County Board of Assessors**2-1016-02-047****Property Record Card****73 HIGHLANDS BLVD SAVANNAH**

APPRaiser WWROBERT	TRACT 3 HIGHLANDS PARK SUB SMB 30S 28 23.489	ACORN 6B HIGHWAY 25 REAL ESTATE	CAMA ASMT
LAST INSP 02/24/2015	ac	LLC	574,000 574,000 LAND 2
APPR 000009		4675 MACARTHUR CT	BLDG 0
ZONE		SUITE 1550	OBXF 0
		NEWPORT BEACH CA 92660	574,000 574,000 Cost - MS

SALES	BOOK / PAGE	INS VI QU RSN PRICE
06 Mar 2013	386L 555	DS V U TF
GRANTOR:FOXFIELD COMPANY GRANTEE:ACORN 6B HIGHWAY 25 REAL ESTATE LLC		
12 Feb 2003	247D 0715	WD V U UN
GRANTOR:FOXFIELD CO & GODLEY STAT GRANTEE:FOXFIELD COMPANY		

Picture Unavailable



[Click for larger picture]



CODES		
PROPERTY USE	0006	RESIDENTIAL
UTA	0002	Savannah
NBHD	023080.25	W080.25 W.SIDE (POOLER) 20 + AC
EXEMPTIONS		

HISTORY	LAND	IMPR	TOTAL
2015	574,000	574,000	Cama
2014	587,300	587,300	Cama
2013	587,300	587,300	Cama
2012	587,300	587,300	Cama
2011	1,057,100	1,057,100	Cama
2010	1,409,400	1,409,400	Cama
2009	1,409,500	1,409,500	Over
2008	1,409,500	1,409,500	Cama
2007	1,409,500	1,409,500	Cama
2006	1,409,500	1,409,500	Cama
2005	559,000	559,000	Cama

LAND											
ID#	USE DESC	FRONT	DEPTH	UNITS / TYPE	PRICE	ZONING	LCTN	TOPO	OTHER	ADJ1	ADJ2
104234	RESIDENTIAL V L	0	0	22.90-AC	25000.00	PUDC					
147316	OBSERVED WETLANDS			.59-AC	2500.00	PUDC					
											MKT VALUE
											572500
											1500



Tract 3

73 HIGHLANDS XING

Port Wentworth, GA 31407

Inquiry Number: 4818534.9

January 03, 2017

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

01/03/17

Site Name:

Tract 3
73 HIGHLANDS XING
Port Wentworth, GA 31407
EDR Inquiry # 4818534.9

Client Name:

Terracon, Inc.
2201 Rowland Avenue
Savannah, GA 31404
Contact: Courtney Hudson



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

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2006	1"=500'	Flight Year: 2006	USDA/NAIP
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1965	1"=500'	Flight Date: January 28, 1965	USGS
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1938	1"=500'	Flight Date: October 26, 1938	USDA

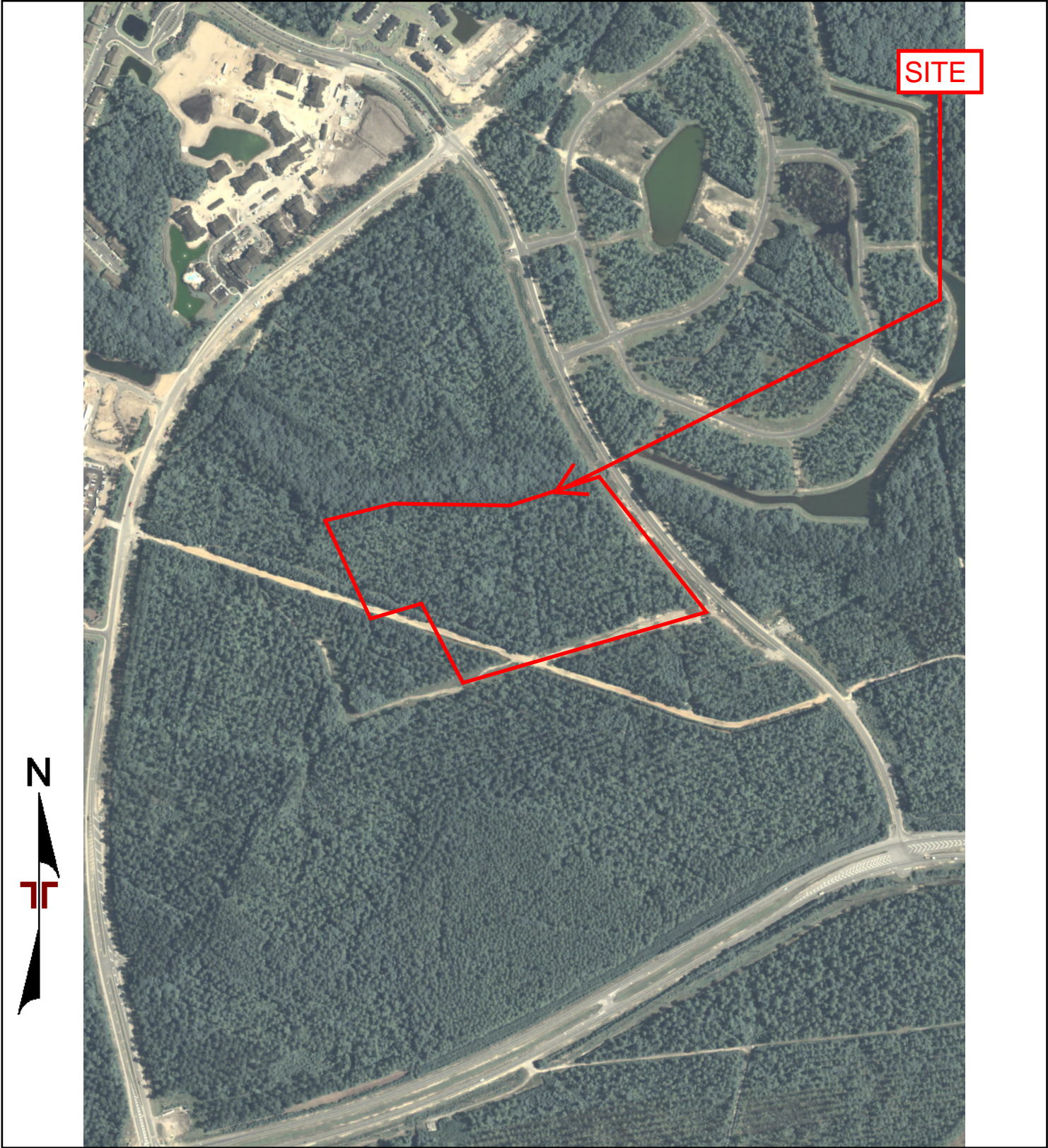
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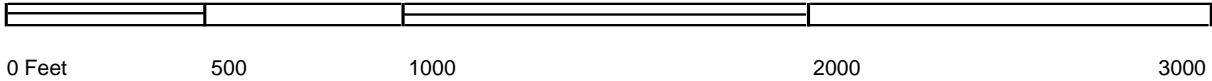
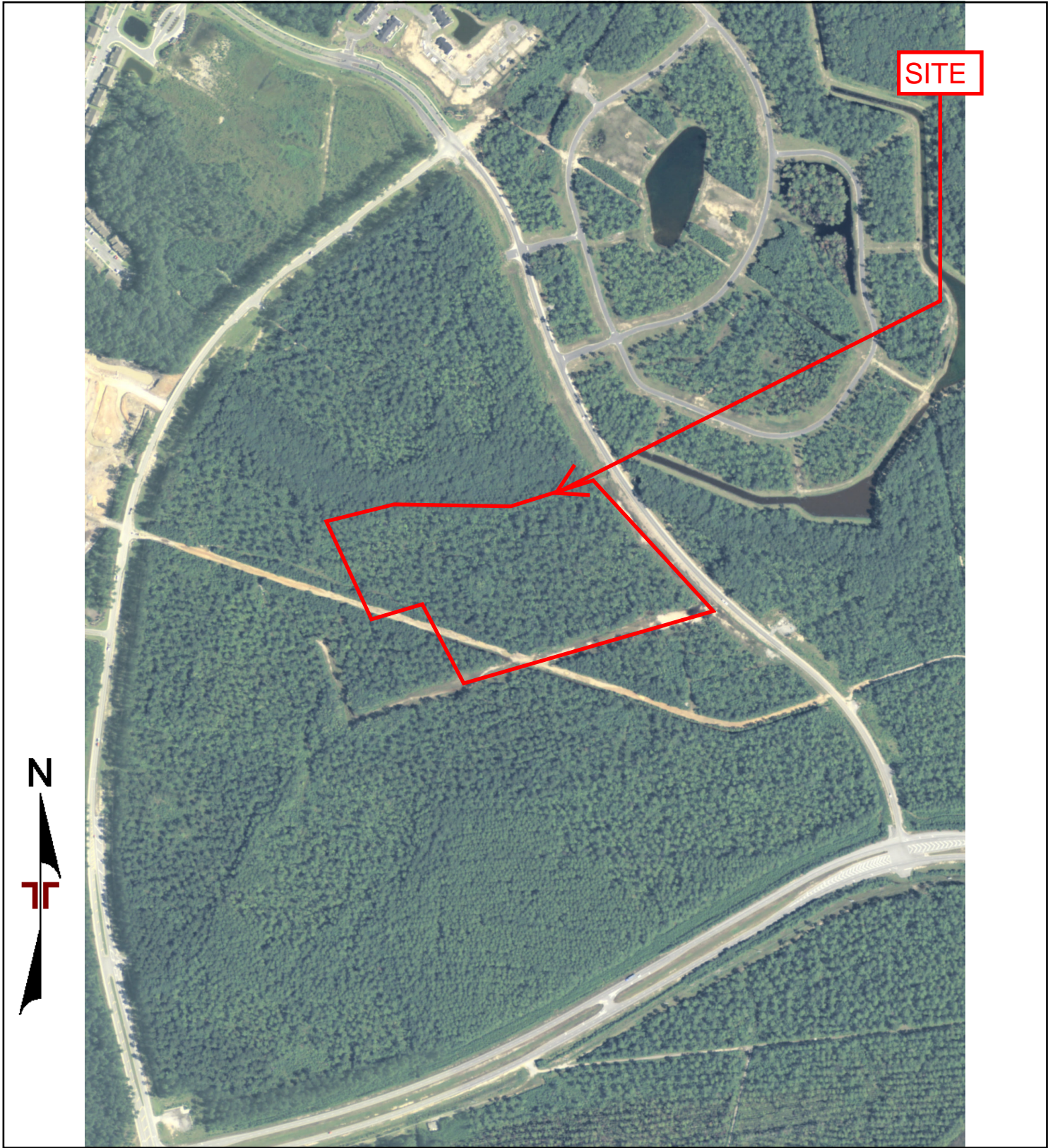
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Approved by:	Date: 2010			

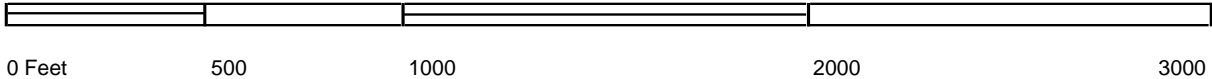
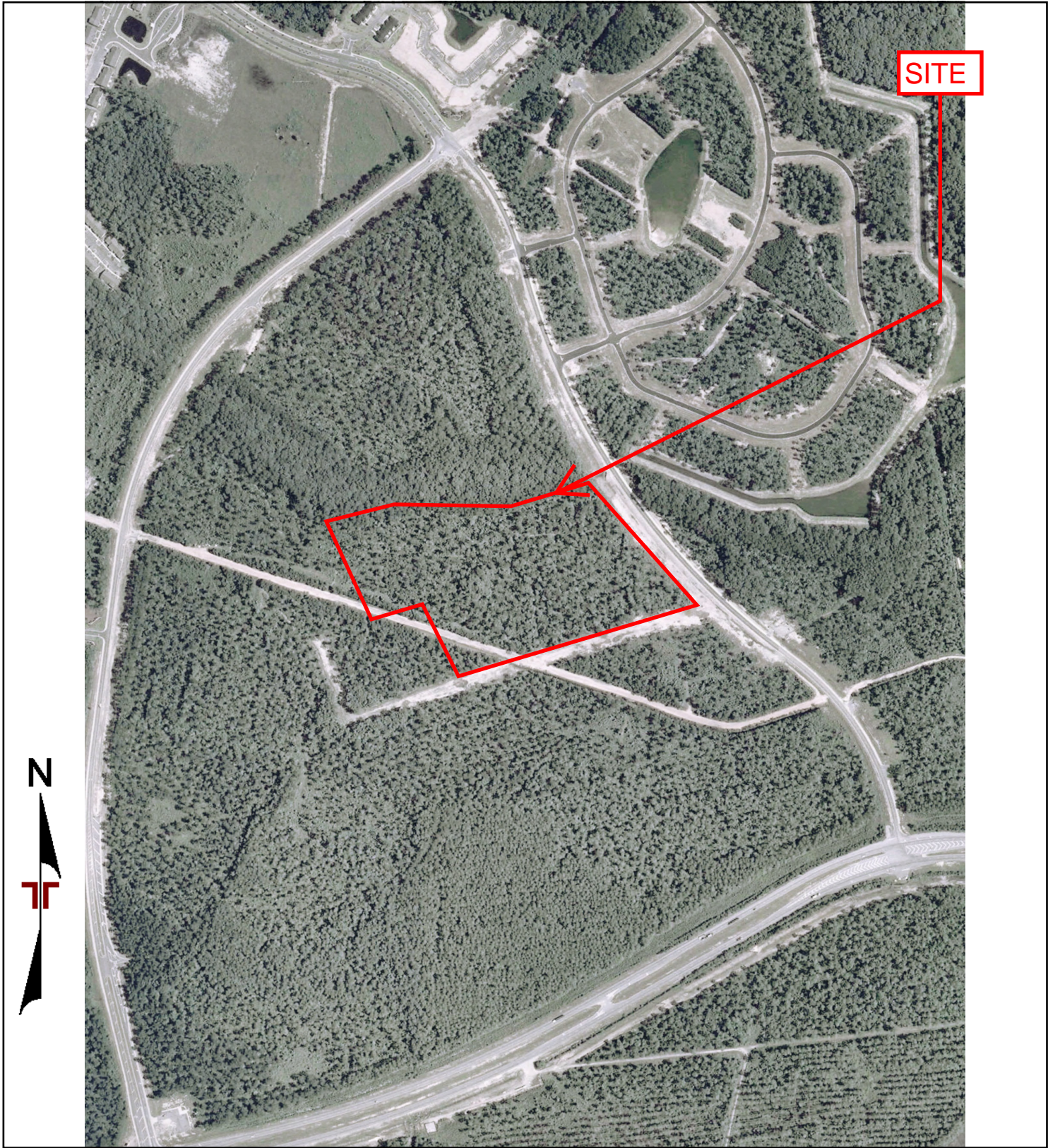


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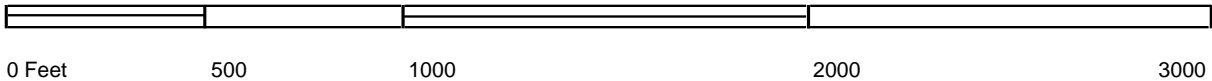
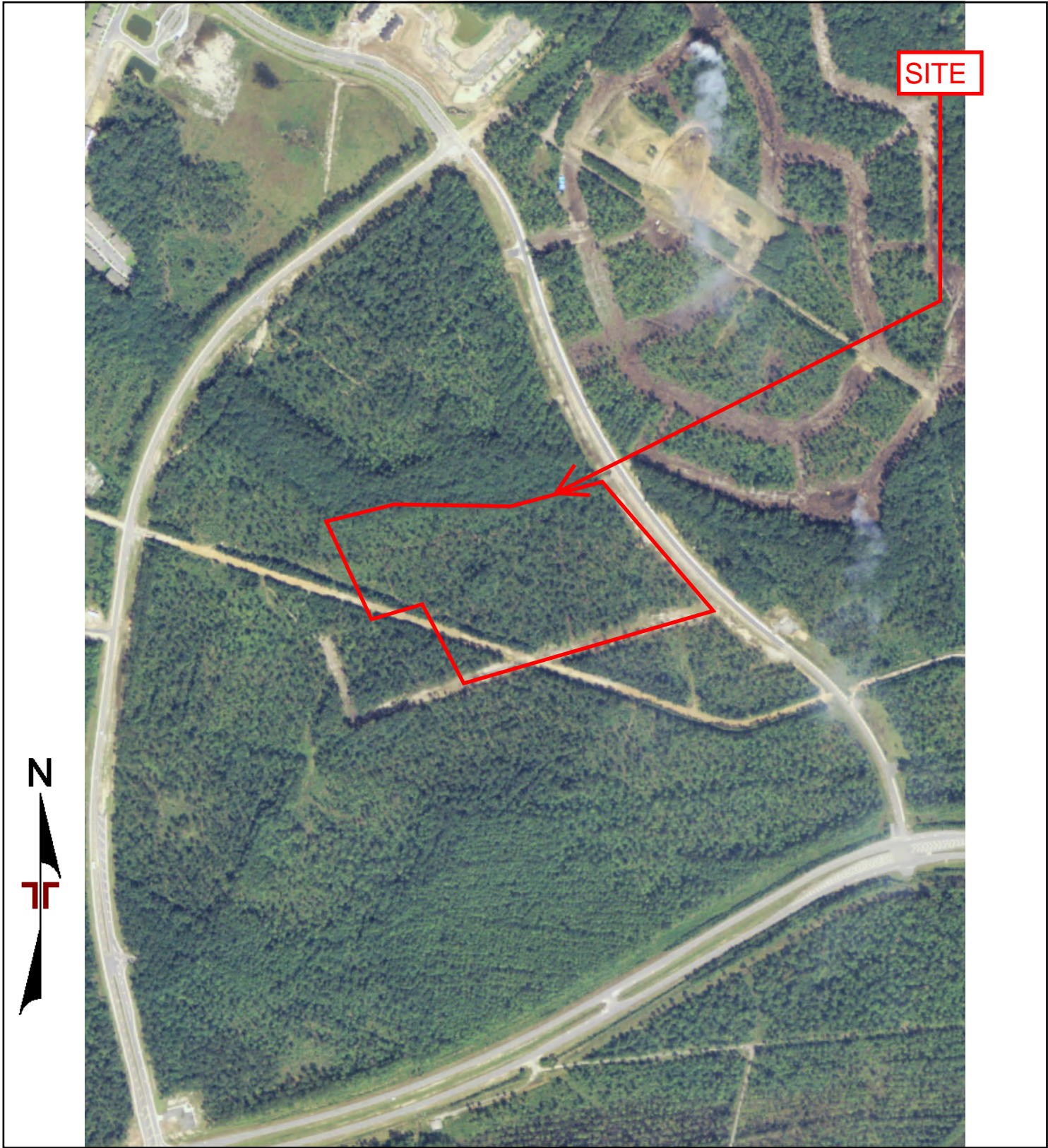
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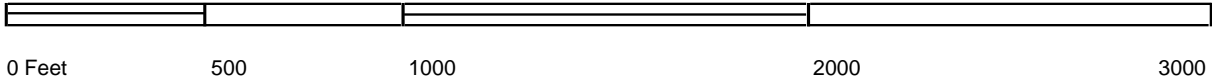
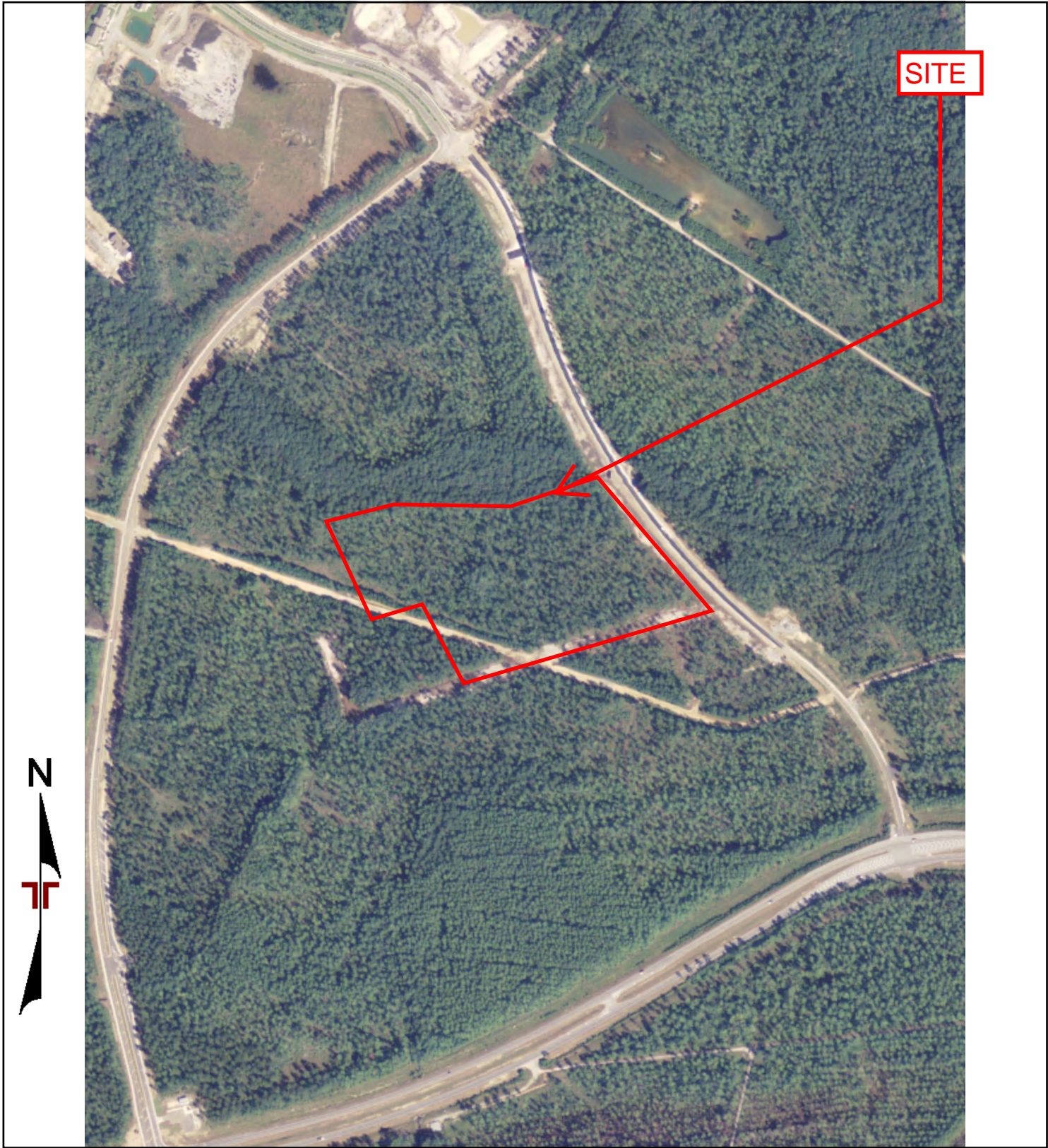
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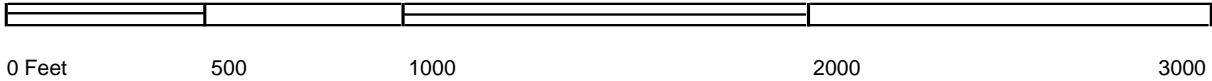
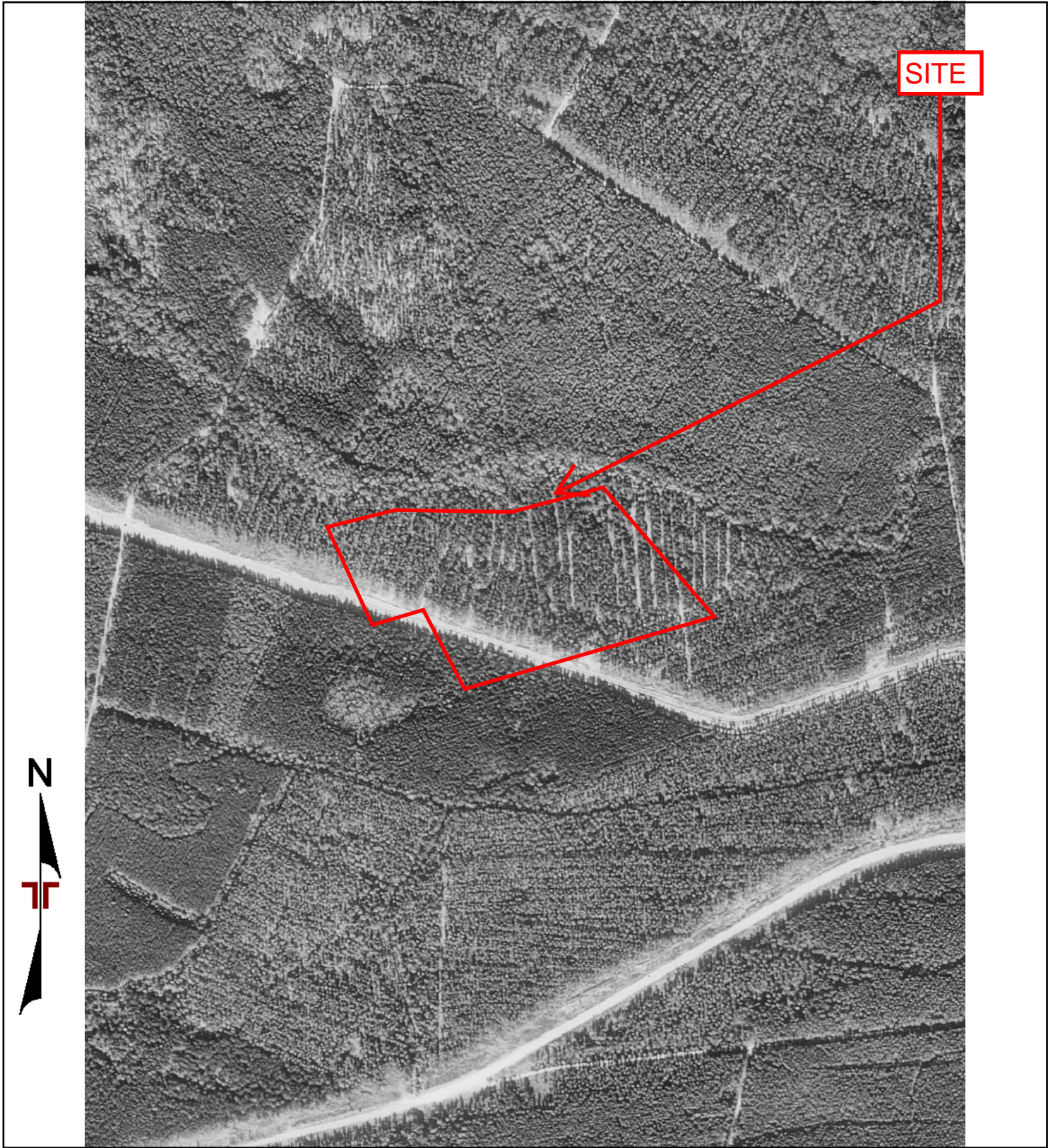
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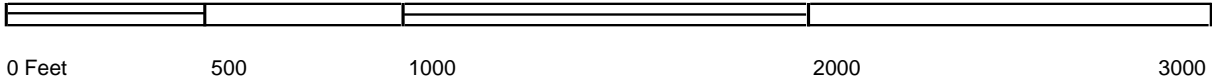
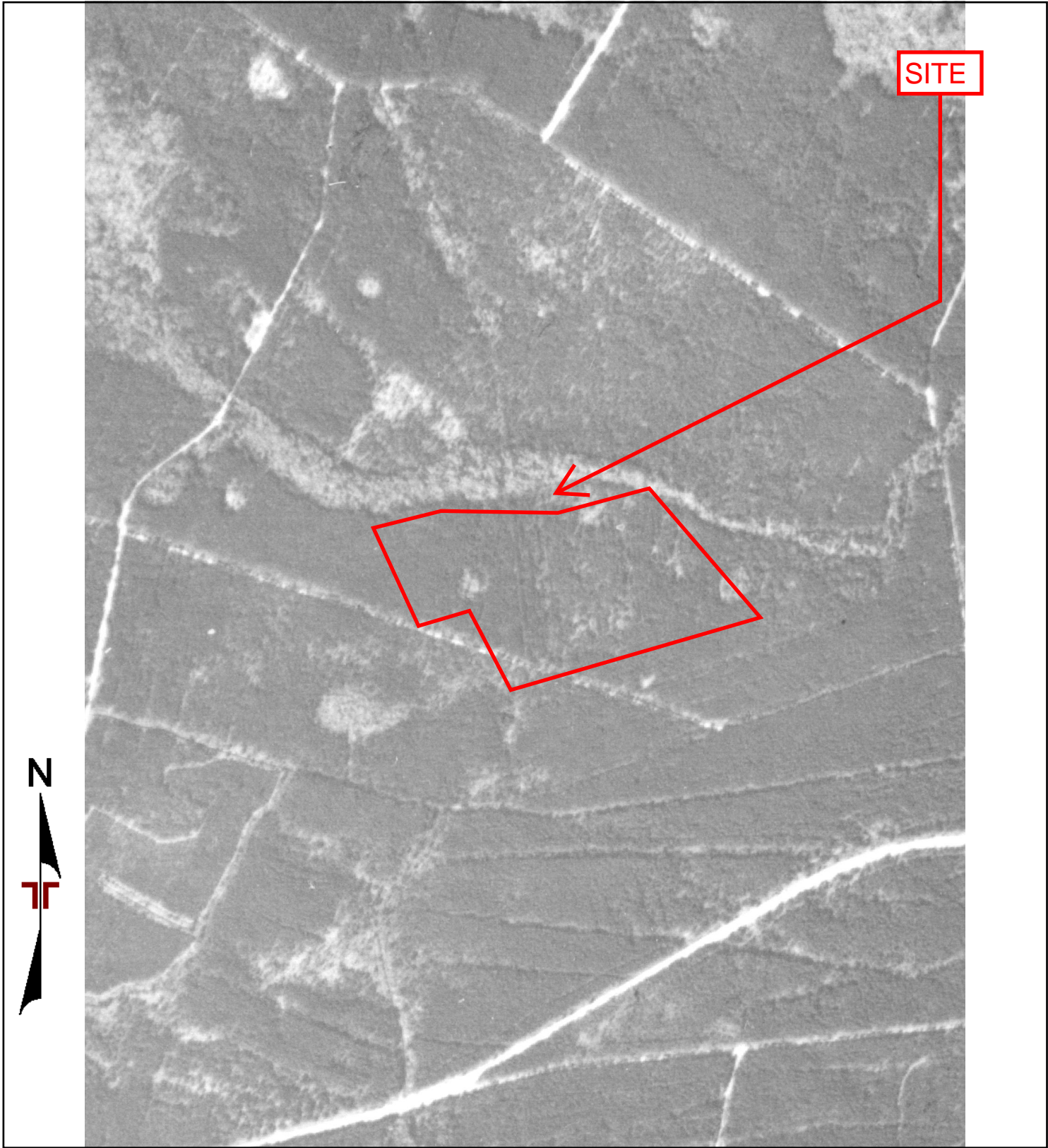


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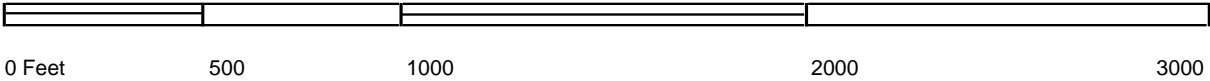



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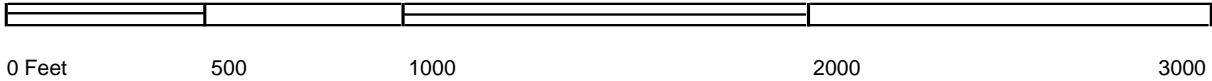
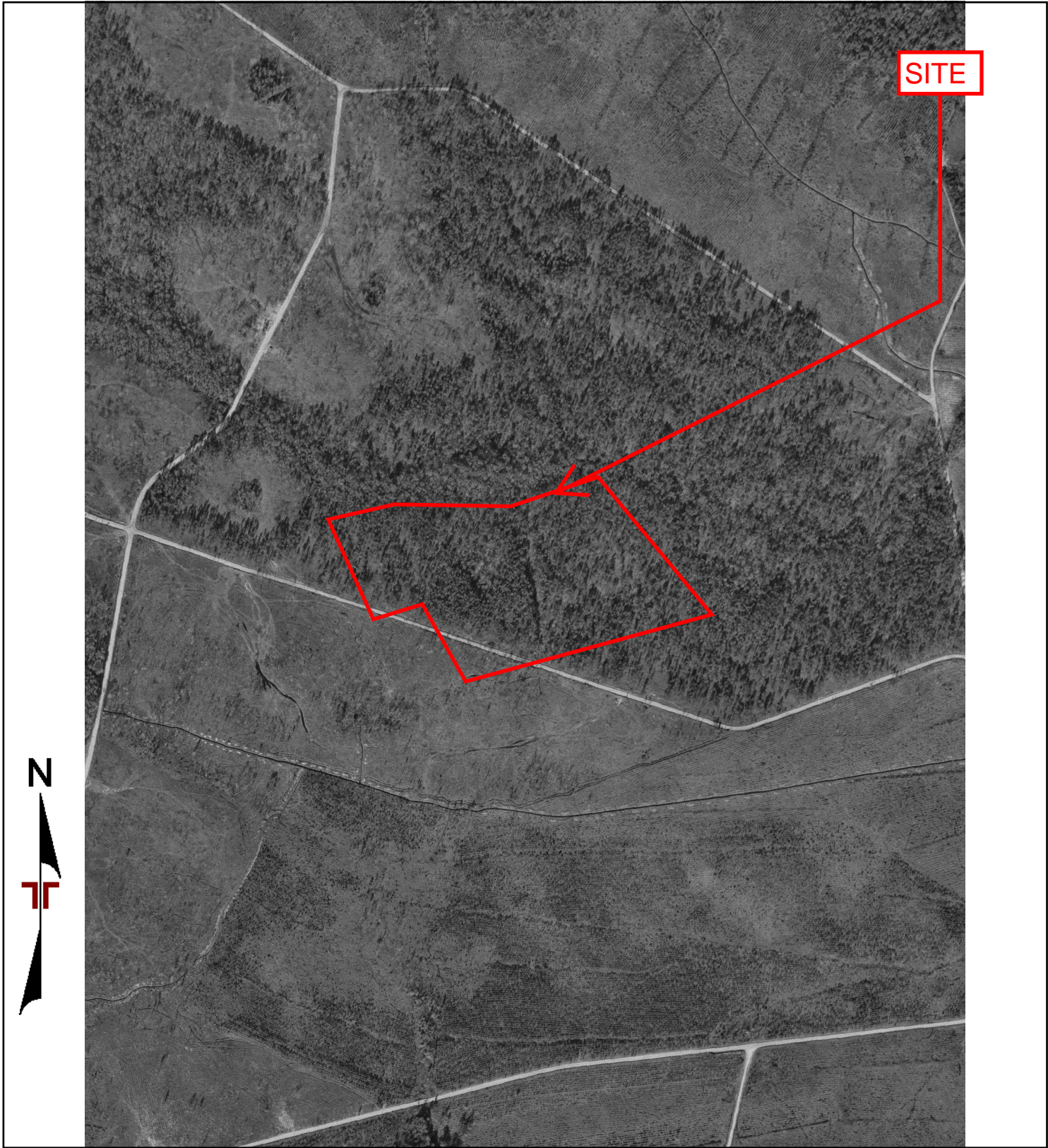
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1988 AERIAL PHOTOGRAPH



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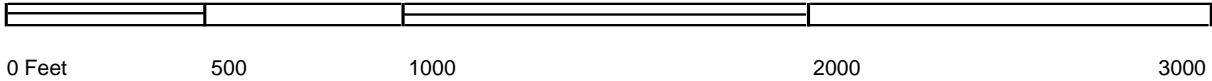
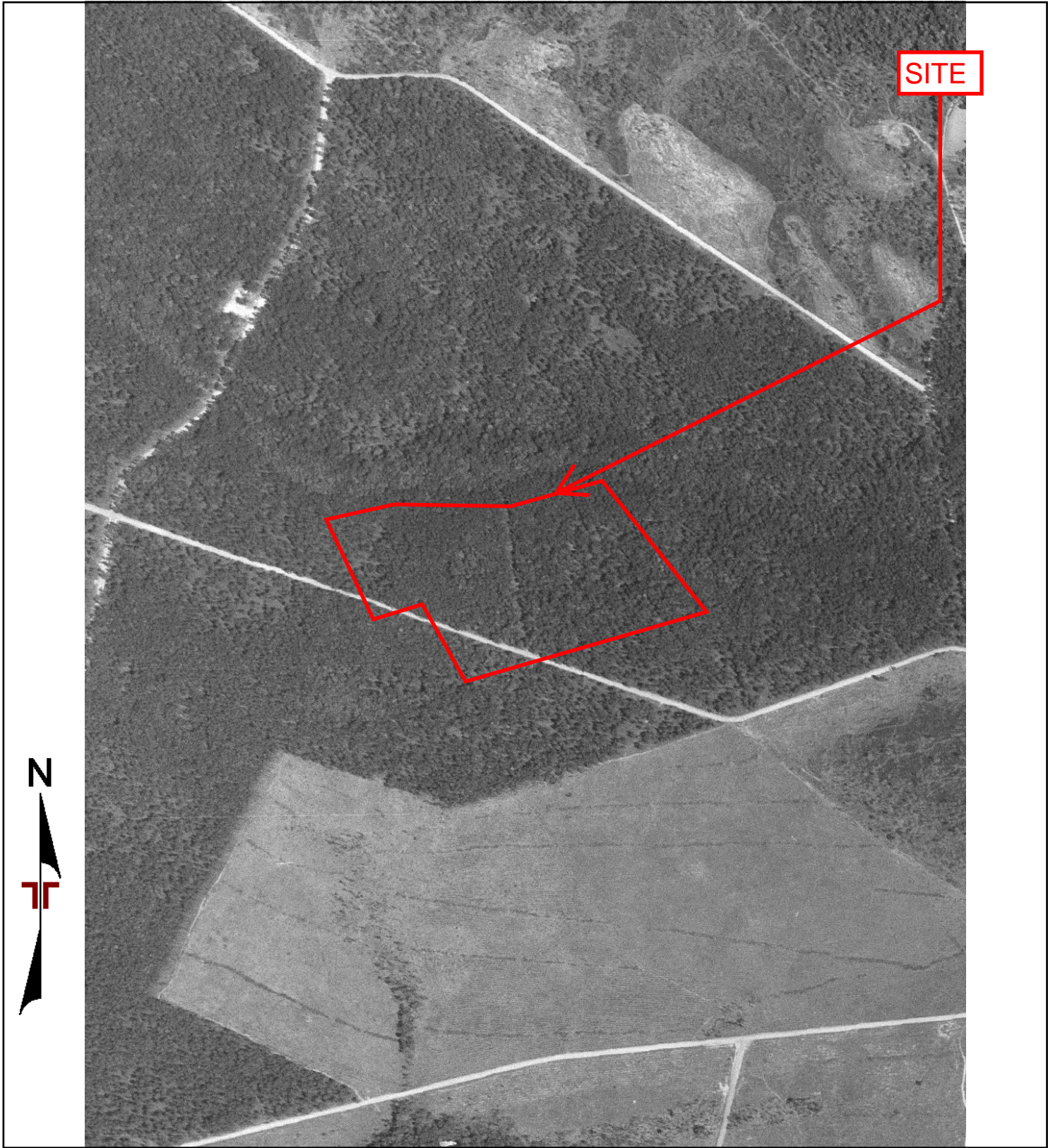


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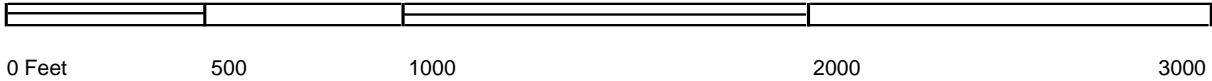
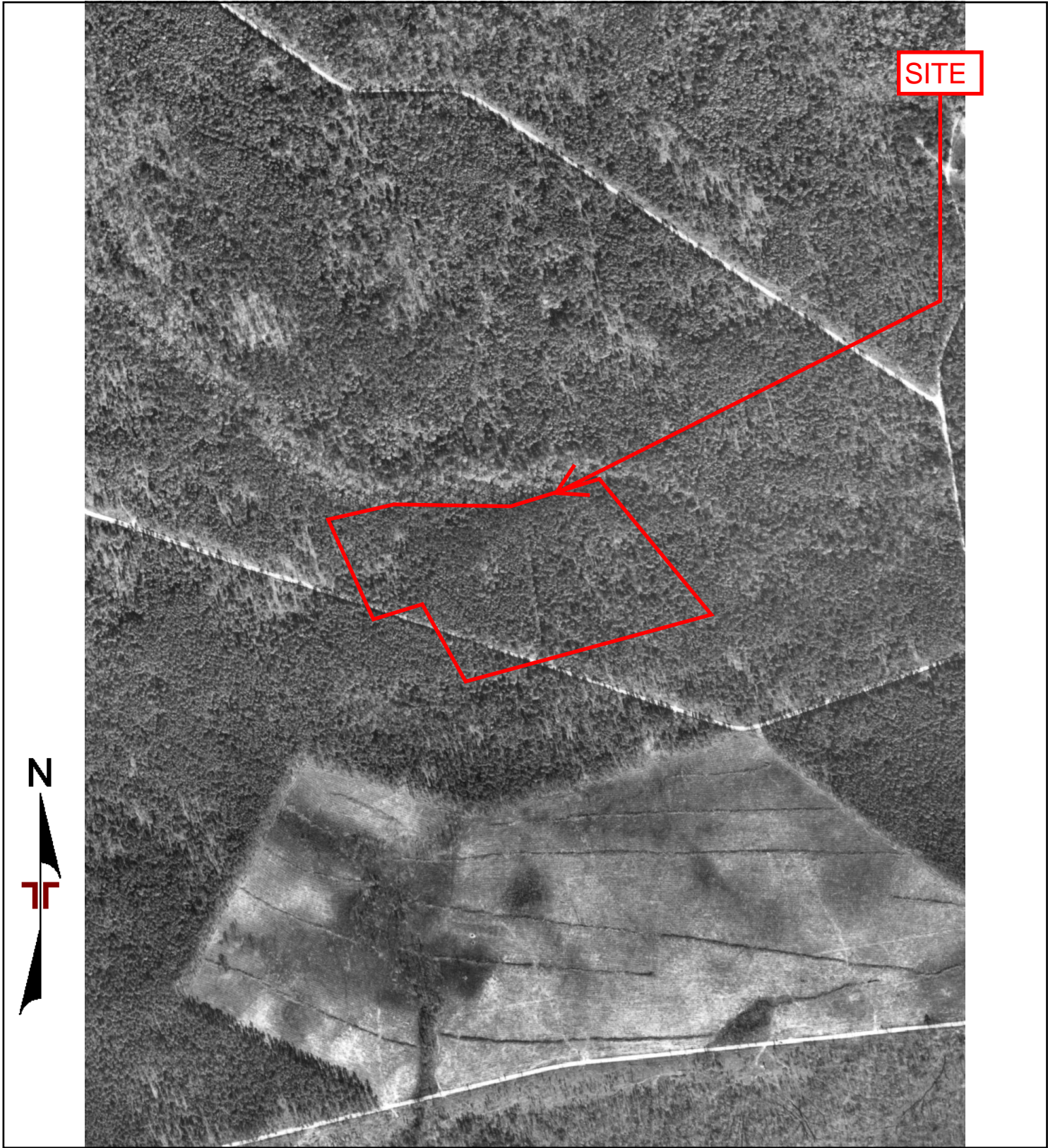


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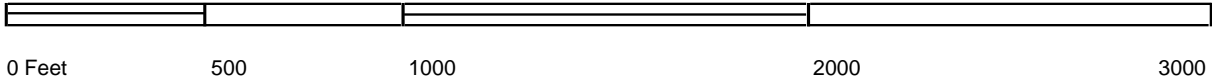
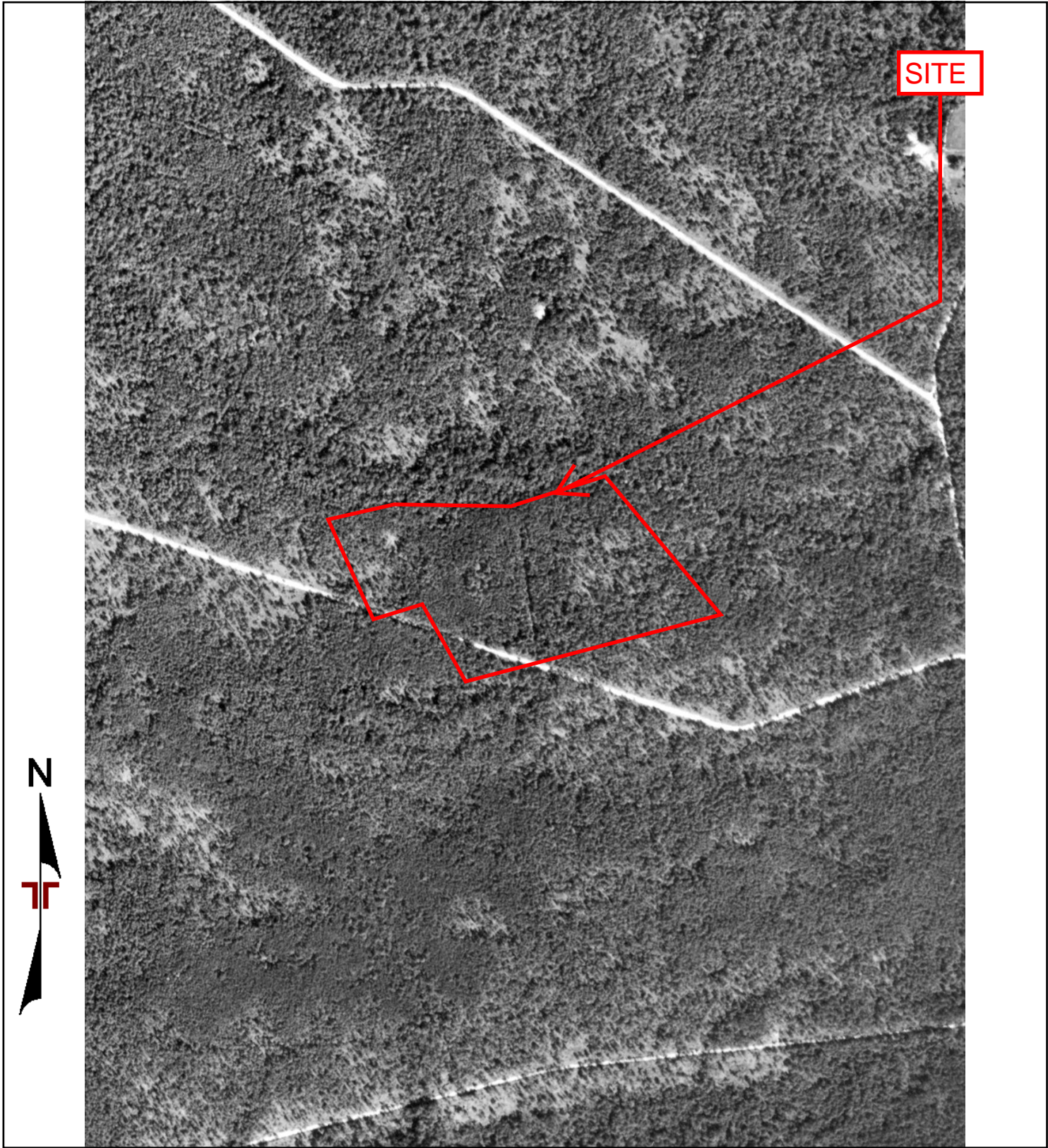


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Drawn by:
Checked by:
Approved by:

Project No.
Scale:
File Name:
Date: 1965



1965 AERIAL PHOTOGRAPH

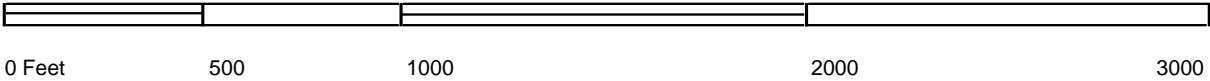
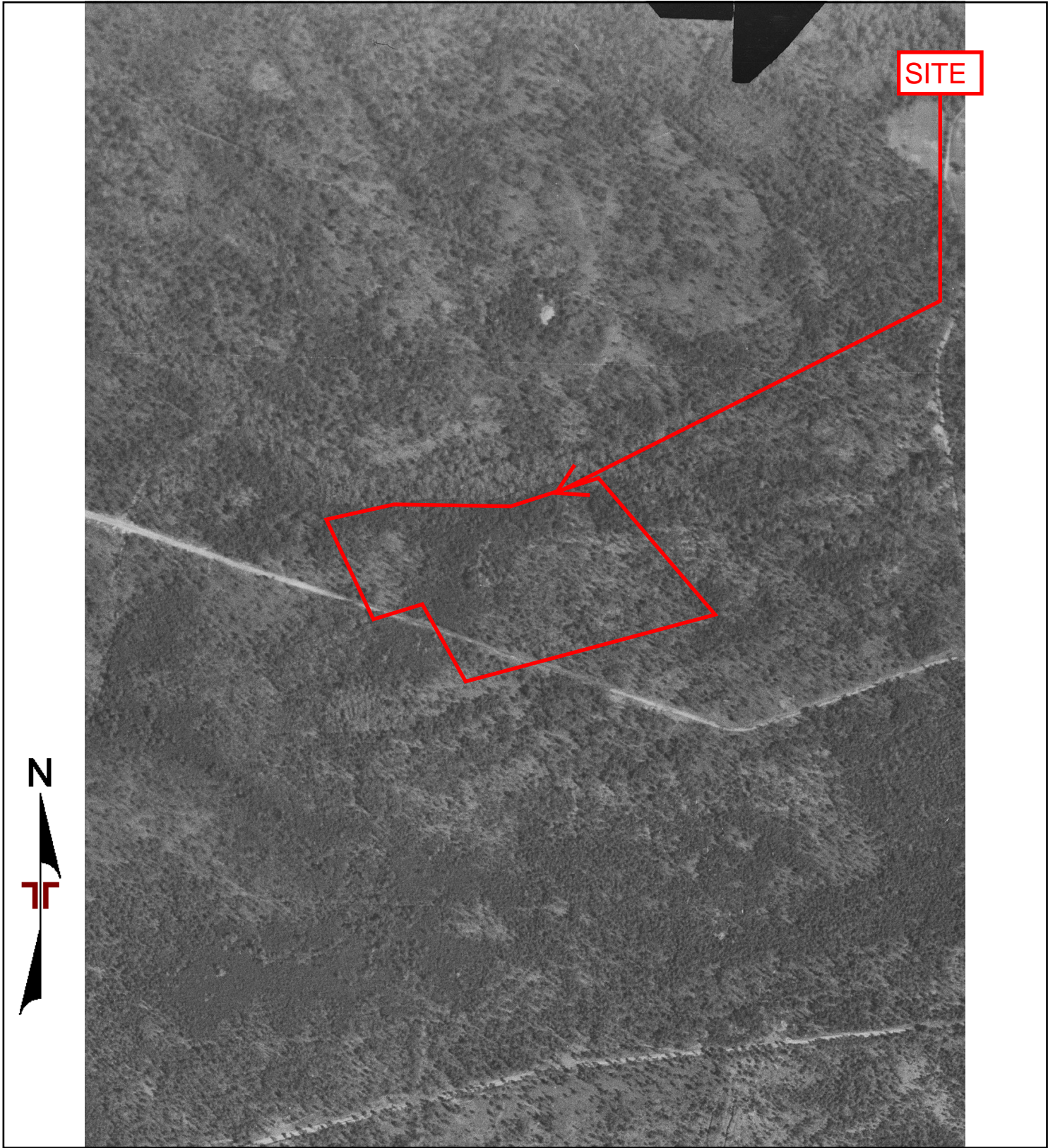


Project Manager:
Drawn by:
Checked by:
Approved by:

Project No.
Scale:
File Name:
Date: 1958



1958 AERIAL PHOTOGRAPH

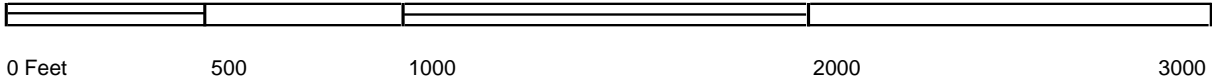
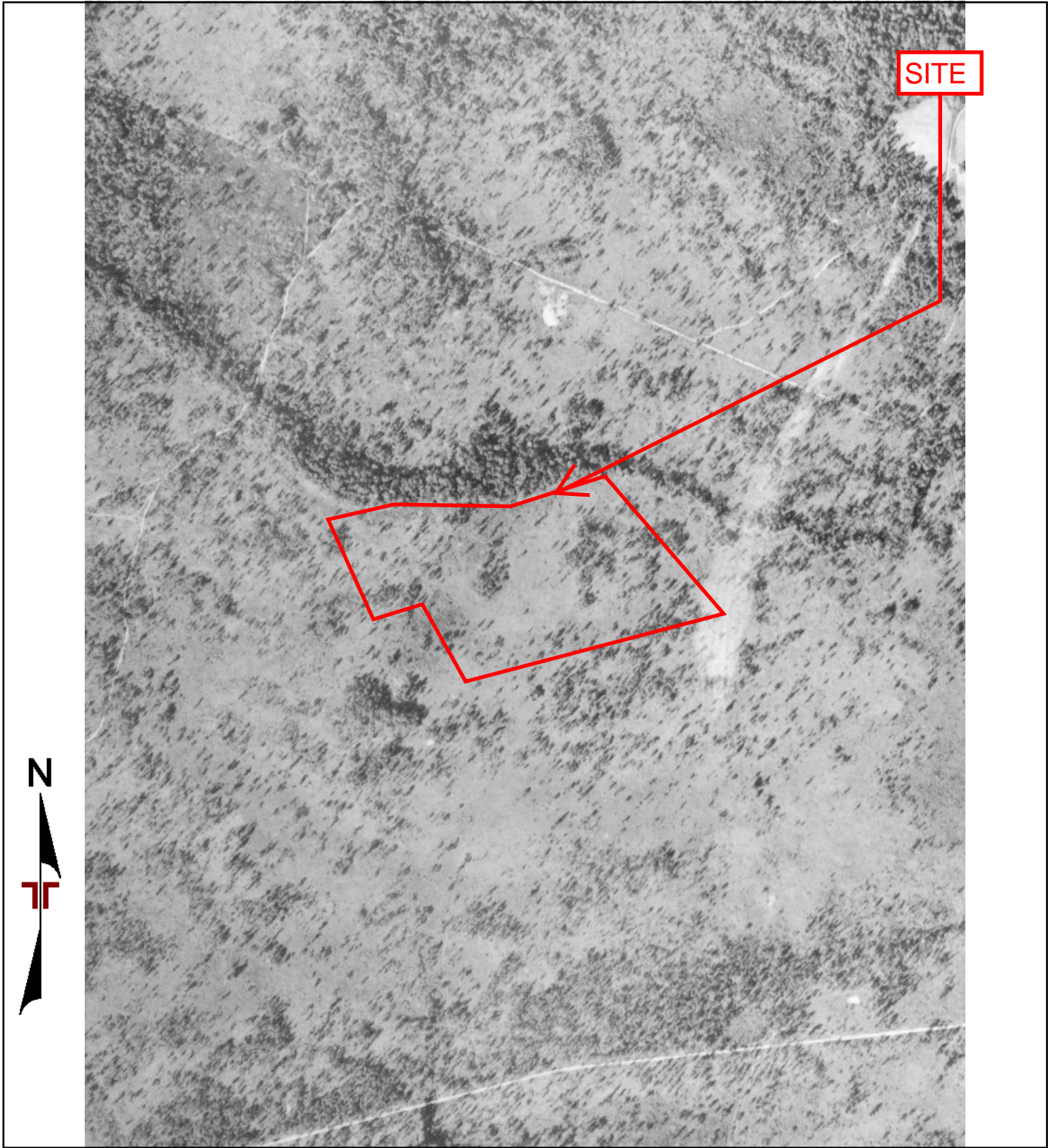


Project Manager:
Drawn by:
Checked by:
Approved by:

Project No.
Scale:
File Name:
Date: 1951



1951 AERIAL PHOTOGRAPH



Project Manager:
Drawn by:
Checked by:
Approved by:

Project No.
Scale:
File Name:
Date: 1938



1938 AERIAL PHOTOGRAPH



Tract 3

73 HIGHLANDS XING

Port Wentworth, GA 31407

Inquiry Number: 4818534.3

January 03, 2017

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/03/17

Site Name:

Tract 3
73 HIGHLANDS XING
Port Wentworth, GA 31407
EDR Inquiry # 4818534.3

Client Name:

Terracon, Inc.
2201 Rowland Avenue
Savannah, GA 31404
Contact: Courtney Hudson



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Terracon, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # C232-4B67-8AAD

PO # ES167376

Project Tract 3

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: C232-4B67-8AAD

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Tract 3

73 HIGHLANDS XING

Port Wentworth, GA 31407

Inquiry Number: 4818534.4

January 03, 2017

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

01/03/17

Site Name:

Tract 3
73 HIGHLANDS XING
Port Wentworth, GA 31407
EDR Inquiry # 4818534.4

Client Name:

Terracon, Inc.
2201 Rowland Avenue
Savannah, GA 31404
Contact: Courtney Hudson



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Terracon, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	ES167376	Latitude:	32.171852 32° 10' 19" North
Project:	Tract 3	Longitude:	-81.22717 -81° 13' 38" West
		UTM Zone:	Zone 17 North
		UTM X Meters:	478582.67
		UTM Y Meters:	3559507.06
		Elevation:	13.73' above sea level

Maps Provided:

2014
1993
1980
1971
1955
1942

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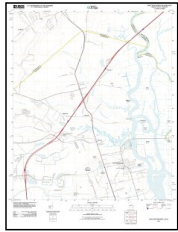
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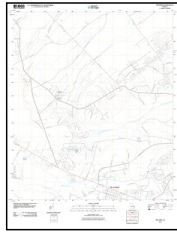
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2014 Source Sheets

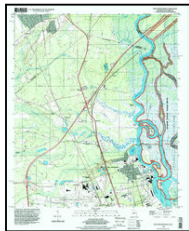


Port Wentworth
2014
7.5-minute, 24000



Meldrim
2014
7.5-minute, 24000

1993 Source Sheets



Port Wentworth
1993
7.5-minute, 24000
Aerial Photo Revised 1993

1980 Source Sheets



Port Wentworth
1980
7.5-minute, 24000
Aerial Photo Revised 1974
Edited 1980

1971 Source Sheets



Port Wentworth
1971
7.5-minute, 24000
Photo Revised 1971
Aerial Photo Revised 1971



Meldrim
1971
7.5-minute, 24000
Photo Revised 1971
Aerial Photo Revised 1971

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1955 Source Sheets

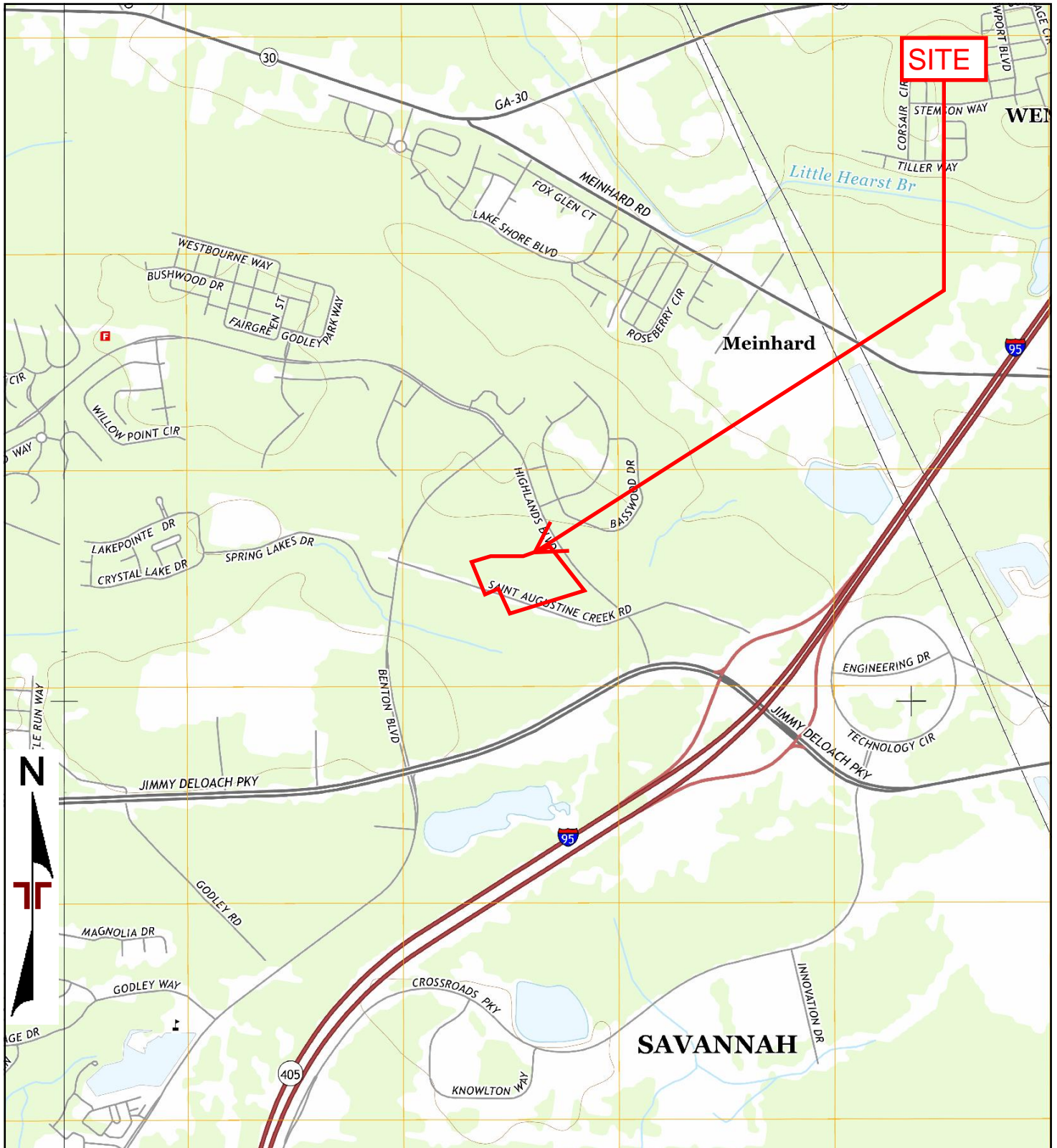


Port Wentworth
1955
7.5-minute, 24000
Aerial Photo Revised 1951

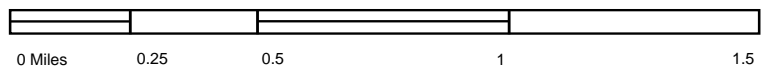
1942 Source Sheets



Savannah
1942
15-minute, 62500



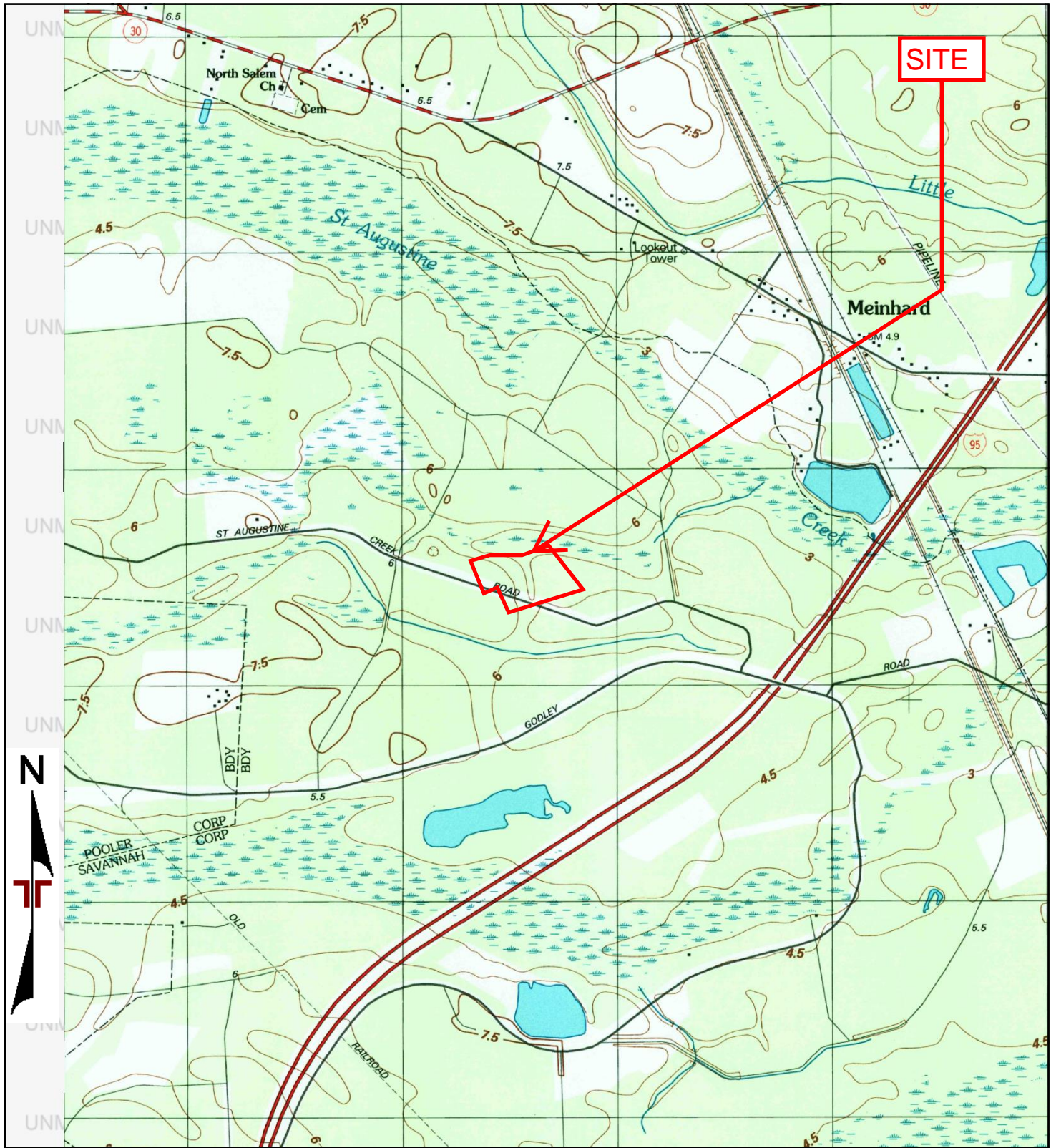
TP, Port Wentworth, 2014, 7.5-minute
W, Meldrim, 2014, 7.5-minute



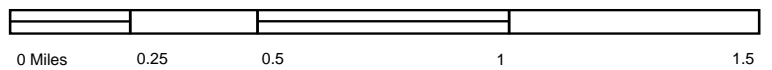
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date: 2014

Terracon

2014 TOPOGRAPHIC MAP



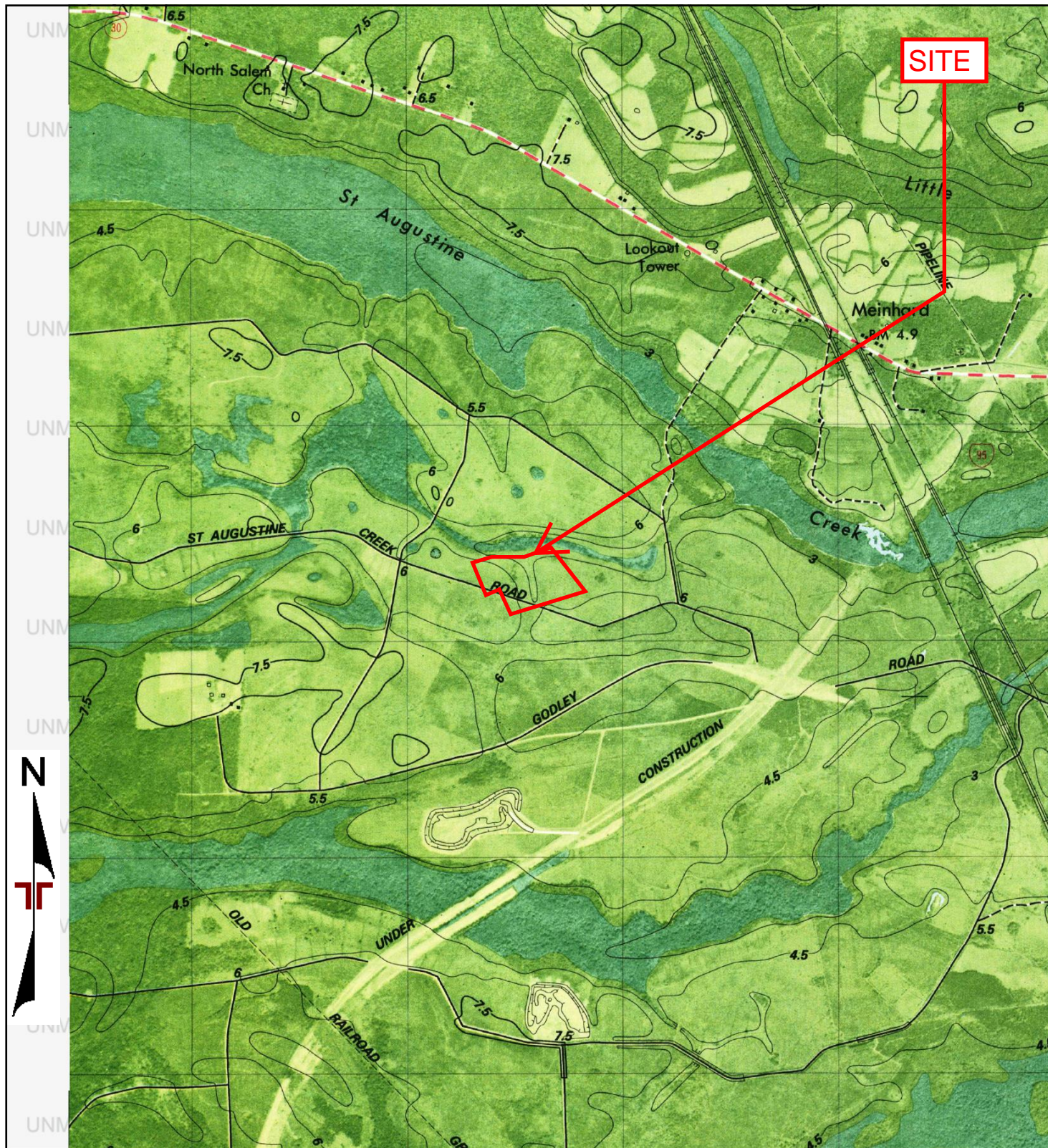
TP, Port Wentworth, 1993, 7.5-minute



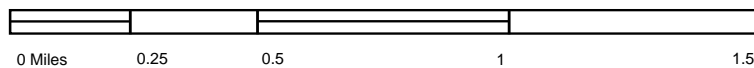
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date:
	1993

Terracon

1993 TOPOGRAPHIC MAP



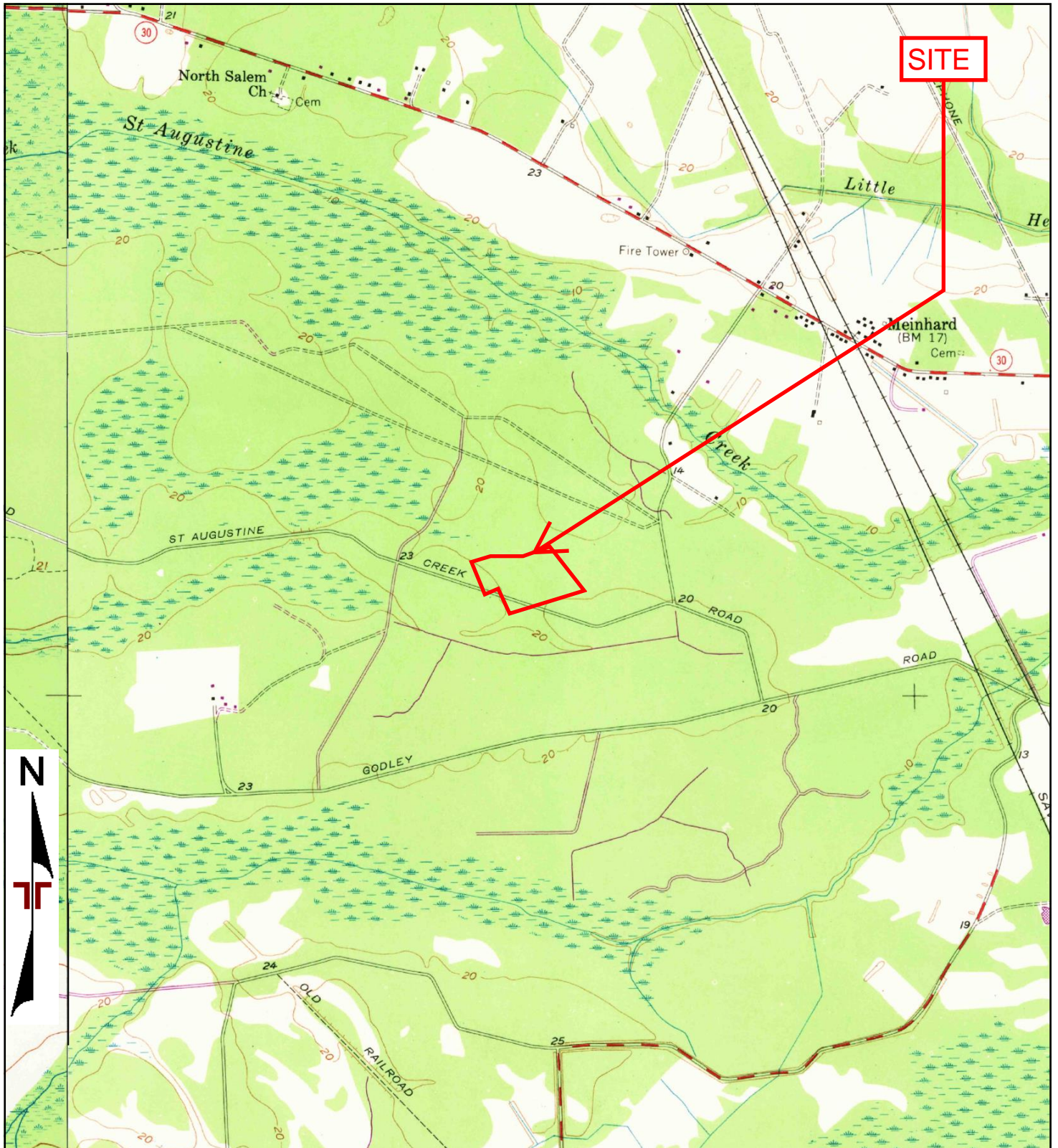
TP, Port Wentworth, 1980, 7.5-minute



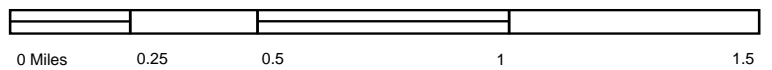
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date: 1980

Terracon

1980 TOPOGRAPHIC MAP



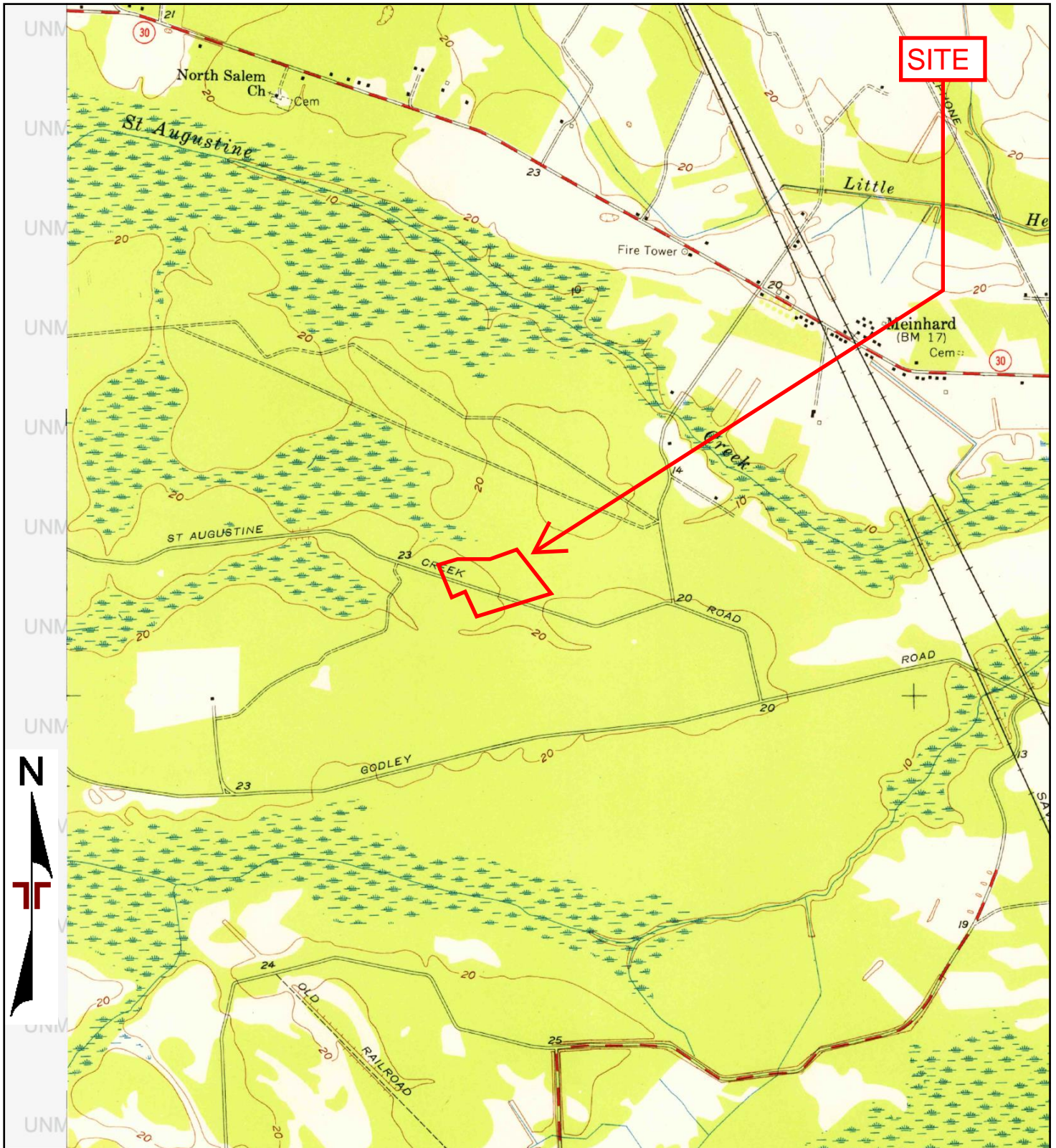
TP, Port Wentworth, 1971, 7.5-minute
W, Meldrim, 1971, 7.5-minute



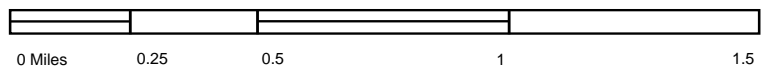
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date: 1971

Terracon

1971 TOPOGRAPHIC MAP



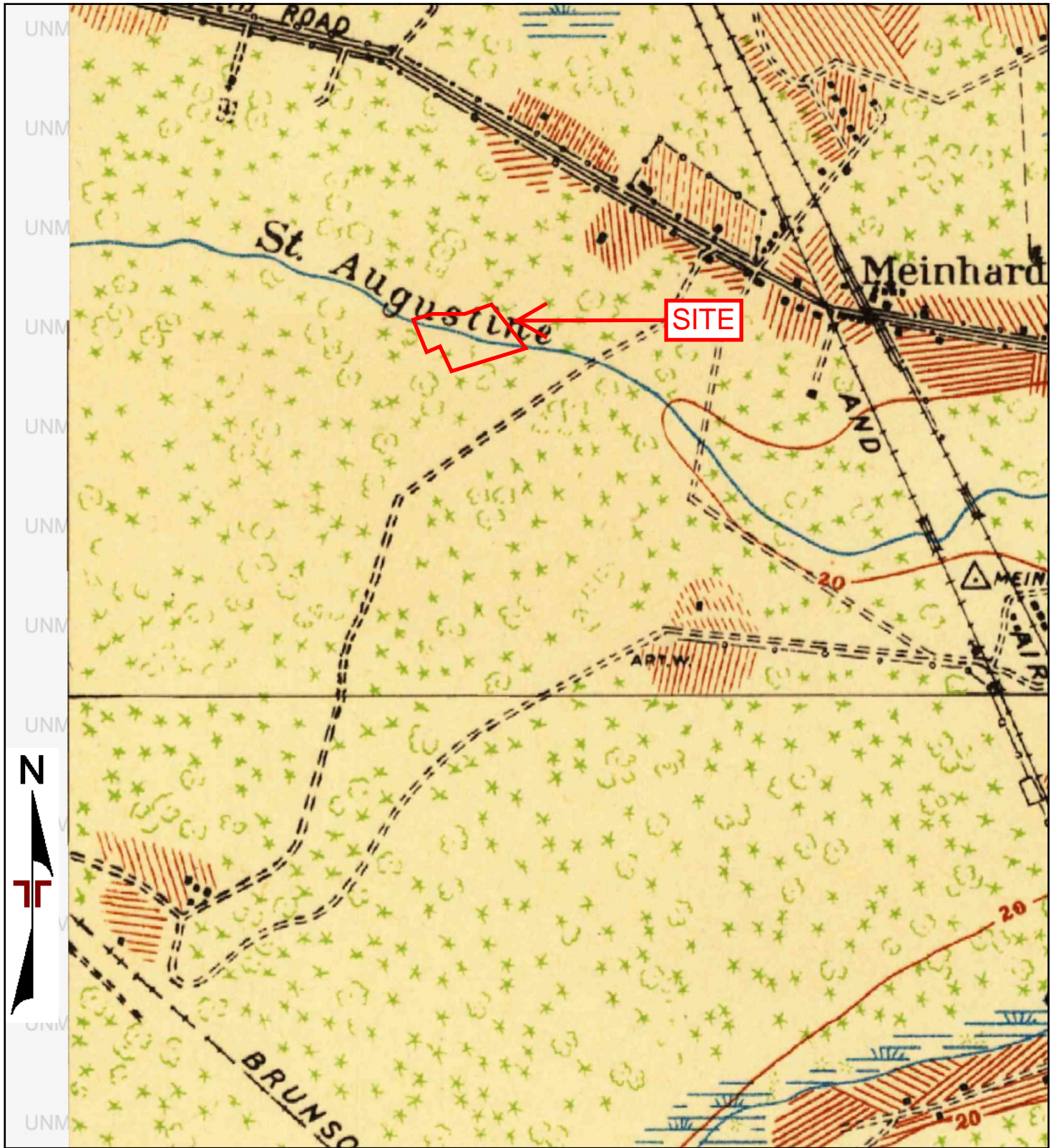
TP, Port Wentworth, 1955, 7.5-minute



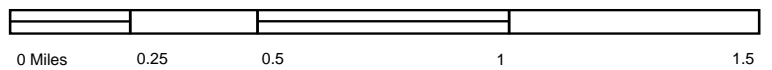
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date:
	1955

Terracon

1955 TOPOGRAPHIC MAP



TP, Savannah, 1942, 15-minute



Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date:
	1942

Terracon

1942 TOPOGRAPHIC MAP

Tract 3

73 HIGHLANDS XING
Port Wentworth, GA 31407

Inquiry Number: 4818534.5
January 06, 2017

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2008	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2003	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1999	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1995	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1992	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1987	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1982	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1978	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1973	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1968	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1963	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1959	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory

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FINDINGS

TARGET PROPERTY STREET

73 HIGHLANDS XING
Port Wentworth, GA 31407

Year

CD Image

Source

HIGHLANDS CROSSING (AKA HIGHLANDS BLVD)

2013	-	Cole Information Services	Street not listed in Source
2008	-	Cole Information Services	Street not listed in Source
2003	-	Cole Information Services	Street not listed in Source
1999	-	Cole Information Services	Street not listed in Source
1995	-	Cole Information Services	Street not listed in Source
1992	-	Cole Information Services	Street not listed in Source
1987	-	Polk's City Directory	Street not listed in Source
1982	-	Polk's City Directory	Street not listed in Source
1978	-	Polk's City Directory	Street not listed in Source
1973	-	Polk's City Directory	Street not listed in Source
1968	-	Polk's City Directory	Street not listed in Source
1963	-	Polk's City Directory	Street not listed in Source
1959	-	Polk's City Directory	Street not listed in Source

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
<u>BENTON BLVD</u>			
2013	pg. A2	Cole Information Services	
2008	pg. A10	Cole Information Services	
2003	pg. A13	Cole Information Services	
1999	-	Cole Information Services	Street not listed in Source
1995	-	Cole Information Services	Street not listed in Source
1992	-	Cole Information Services	Street not listed in Source
1987	-	Polk's City Directory	Street not listed in Source
1982	-	Polk's City Directory	Street not listed in Source
1978	-	Polk's City Directory	Street not listed in Source
1973	-	Polk's City Directory	Street not listed in Source
1968	-	Polk's City Directory	Street not listed in Source
1963	-	Polk's City Directory	Street not listed in Source
1959	-	Polk's City Directory	Street not listed in Source

City Directory Images

BENTON BLVD 2013

1	FLORIST
1000	EUGENE DANKER
1265	PRESERVE AT GODLEY STATION THE
1290	SHELLS DBA PRANAMI FOOD MART
	SUBWAY SANDWICHES
1425	CHEDDARS CASUAL CAFE
1475	AARON HERRIN
	ALAN BARHAM
	AMY WATTS
	ANDREY STYUART
	ANITA GERMAN
	ANN MASHBURN
	ANTONIO GALINDO
	ASHLEE BROWNING
	BARBARA PARKMAN
	BRENDA WATSON
	BRENDAN SMITH
	BRIAN SANTANA
	BRITTANY SIMMONS
	BRITTNEY TRUETT
	BRITTON WHITE
	BRUCE WARBINGTON
	CANDACE CLEMONS
	CANDACE RUSSELL
	CARRIE RUSSELL
	CELESTE FOURNIER
	CHANNING HAMPTON
	CHASITY JOHNSON
	CHRISTA EALLONARDO
	CHRISTINA GOODMAN
	CHRISTINA OBREMSKI
	CHRISTOPHER CARITHERS
	CHRISTOPHER CHAUVENNE
	COLLEEN BINKS
	CRAIG ESTEVE
	CRYSTAL REARDON
	DAVID ARMSTRONG
	DAVID BAKER
	DIANE LEOPARD
	DIEGO REILVITZ
	DIONNE GIBBS
	DIONTE POINTER
	DONALD GIBBONS
	DOUG CROPPER
	EBONY TRAMMEL
	EDWARD SANDERS
	ELANGOVAN PUDUPALAYAN
	ELIHU KING
	ELIZABETH PAYTON
	ERIC MERCIA

BENTON BLVD 2013 (Cont'd)

1475 FALESCHIA ALSTON
FRENCHYE GARCIA
GABRIEL TAVERAS
GARY FRAZIER
JACQUELINE ENGLERT
JAMES OVERMOYER
JEFF GREINER
JENNA LINDER
JENNIFER HOOPAI
JEREMY DUVALL
JIM KRUKULSKI
JIM TUCKER
JORDAN EASON
JOSHUA MASSEY
KANISHA WILSON
KATHY JOHNS
KATIE JACOB
KEITH MORGAN
KEN SCABOO
KEYONNA ADAMS
KIM BARROW
KIRAN THADANI
KRISTIN CRUSE
KYLE PURSELL
LATASHA ROBERTS
LAURA RICHARDS
LAUREL SWAHN
LINDSAY SMITH
MARCOS ORTEGA
MARGIE HALLMARK
MARIA ARISTIZABAL
MATTHEW BLEW
MAYA SMITH
MICHAEL REED
MICHAEL TIPTON
MIKITA DEBOSE
MIRIAM USSERY
NANCY OWENS
NICOLE CALAFIORE
NORMAN YOUNG
PAIGE RICHTER
PATRICIA WILSON
PERRY FOSTER
PETER HEDDERMAN
RAFAEL LEWIS
RASHAUNTA ANDREWS
RASHINE WILLIAMS
REBECCA KENNEDY
REBECCA PAGE
REGINA WALKER

BENTON BLVD**2013****(Cont'd)**

1475	RHODA KIMBLE ROBERT MYERS RODNEY HELAIRE ROSS ATTEBERRY SEAN BROOKS SHACHET JORDAN SHAKIERRA DANIELS SHANNON MARTIN SHAQUITA CURRY SHERRILL WILLIAMS SONYA MCDONALD SUZANNE LANE SYLVIA CALLOWAY T LESTER TAREN CRENSHAW TAWANIA RUSSELL THOMAS NORMAN TIFFANY STEPHENS TOMMIE DORRIES VANESSA VAUGHN VERNON DANKER WILLIAM KLEIN WILLIAM POWELL WILLIE DORMAN WINDEL HEMPHILL YAI STRINGFIELD ZATAYLAUR WRIGHT
1515	AARON ELAM AARON TRAHAN ALBERT GRIMM ALBERT VANOOSTROM ALEKSANDR SOKOLOV ALEXAN VARICHEV ALLEN ENGLISH ALLEN GARDNER ALON HAMMOND AMANDA TILLMAN ANGELA SMITH APRIL FEMIANO ARDITH STOTT ASHLEY BURNS BARBARA MAITLAND BEATRICE BERMAN BERNERD PARRISH BETTY BUTLER BRANDON BOWEN BRANDON PERCLE BRIAN GEHRMAN C TURA CALEB TIPPS

BENTON BLVD

2013

(Cont'd)

1515 CANITA BOWDEN
CHARLES PINSON
CHARLES TRUE
CHERMONICA SULLIVAN
CHRIS BRIEDIS
CHRIS SARGENT
CHRISTOPHER FLANDERS
CHRISTOPHER FLESCH
CHRISTY DEAN
CINDY RIOS
CORP HOUSING SELECT
CORPORATE HOU SELECT
DAVID BROWN
DAVID HOULE
DAVID ROBINSON
DEBBIE ADAMS
DEBORAH MARTIN
DENISE RICKETT
DENNIS FRANTZ
DENNIS JONES
DILILAH RODRIGUEZ
DONDE PAIGE
DOUGLAS BRANHAM
DUANE RICHEY
EFREM ROBINSON
EMMA GILLIAM
ERIC CARTER
ERICA HENRY
ERNESTO LOPEZ
FELICIA BATTLE
FRANK BIEDA
FRANK LEATHERBURY
GRAHAM PEARCE
HENRY MOBLEY
HOWARD MULL
HOWARD PRIESTER
JACQUELYN SMITH
JAMES DELOACH
JAMES THOMAS
JAMES WHITE
JANET RUSH
JAY GREINER
JEFFREY BEEBE
JENNIFER BROWN
JOEL MORPHIS
JOSEPH GAILEY
JUSTIN SMITH
KATIE FISHER
KERRY ANDREWS
KEVIN BARKER

BENTON BLVD 2013 (Cont'd)

1515 KEVIN JOHNS
KRISTIN REID
KYLE SMITH
LAURA RASCHKE
LAURIE ZALAC
LINDA CRAWFORD
LINWARD COLEMAN
LISA BELL
LORI LEONARD
LUDWIG JOHS
MADELYN HARRIS
MARIA GUTIERREZ
MARK KEEN
MARSHA GARNER
MARY LANE
MATTHEW MAY
MELVIN WARREN
MERRIT AT GODLEY STATION APARTMENTS
MICHEAL POLLARD
MIGUEL SANTIAGO
MURALISHYAM BHATTA
NATHAN FREEMAN
NICHOLAS LACOMBE
NIKKI BEARD
PAUL MORAN
PAUL SCHNEYMAN
PHILIP PETRIS
PIO FALCON
RANDY BERMUDEZ
RAYMOND EVERETT
REBECCA KEEN
RICKY ODEY-JR
ROBERT JUDKINS
ROBERT STANTON
ROBERT URWIN
RONALD OUTEN
RYAN BERG
SANDRA STAMBUK
SATISH KRISHNA
SEAN COBURN
SHARON RAST
SHATONDRA WILLIAMS
TARLA EASON
TERRANCE YOUNG
TERRY CHUNG
TOMAS CABALLERO
TOMMY MAYS
VAN PATTERSON
VENUS VAUGHN
VICTOR FURR

BENTON BLVD 2013 (Cont'd)

1515 VIJAY KANDAVALLI
 WALTERINE CONYERS
 WENTWORTH ISAAC
 1533 MARCUS FERRELL
 1601 CHURCH AT GODLEY STATION
 2135 GODLEY STATION SCHOOL
 2155 ABIGAIL SLENTZ
 ADAM JACKSON
 ADITI MALHOPRA
 AHMAD SAMADI
 ALAN SEARSON
 ANDREW KLATKIEWICZ
 ANTHONY EDWARDS
 ARLINE DEVER
 ARUL KUMARESHAN
 BALASUNDARAM BHASKARAN
 BENJAMIN CARABALLO
 BERTINA COX
 BRANDON FREEMAN
 BRANDON MCDONALD
 BRIAN PASSARELLI
 BRITTANY CORKER
 CARLOS SKOOG
 CECELIA REAMES
 CHAD PAUL
 CHRISTOPHER BRUCE
 DALE KING
 DAN MCKAY
 DANIEL PENNINGS
 DARREN MCCLENNEY
 DAVID BROGDON
 DAVID DEAL
 DAVID DEMPSEY
 DAVID TANNER
 DEAZEL PETERS
 DEIRDRE HILL
 DEMOND BRADLEY
 DENNIS GORGES
 DONALD HORNING
 DOUGLAS MOZAK
 EARL JONES
 EMMANUEL MITCHELL
 ERIC LARSEN
 ERIN BRANSFORD
 FARHANG MAKVANDI
 FAYE SOMMERS
 FRANK SIRIANNI
 GABRIEL DANIELS
 GABRIELLA PAUL
 GENTRY CROSBY

BENTON BLVD 2013 (Cont'd)

2155 GEORGE GASKILL
GREG BURT
GYULNARA ASHARI
IGOR MACHADO
IRMA COLOMER
ISAIAS VALDEZ
JAMES HORACE
JANINE PIAT
JEFFERY MCCANDLESS
JEFFREY SIMMONS
JEFFREY SITTO
JEFFREY SOTTOSANTI
JENNIFER FIKES
JEREMY STENMARK
JESSE SIMMONS
JESSICA GUINN
JESSICA ROWLAND
JIM JUSTICE
JODI CORCORAN
JOHN CATALFANO
JOHN DYRKACZ
JOHN HAUBER
JOHN PEAVEY
JOHN RAY
JONATHON HARBIN
JORDAN WILEY
JOSEPH CLINTON
JOYCE ROSS
JULIUS RUTHERFORD
JYOTI SHRESTHA
KATY CONWAY
KELLY ANDERSON
KEVIN SETHAPUN
LACEY OWCZARZAK
LAKSHMI NIZAMPATNAM
LANCE SZYHOWSKI
LARRY AMERSON
LARRY TEDFORD
LEAH BROWN
LEWIS CHARDONAE
LINSEY SHERMAN
MARIE BRITTO
MARK SMITH
MARK SPRAYBERRY
MARTIN PARKER
MATTHEW LAI
MATTHEW ROBINSON
MATTHEW SMITH
MATTHEW WILLCOXON
MATTIAS FOGELBERG

BENTON BLVD 2013 (Cont'd)

2155 MELISSA LEDUC
MENYIKA MCGHEE
MERIMA MUMINOVIC
MICHAEL TOLEDO
MICHALL BONY
MIGUEL VILLEGAS
MOHAMED SOLIMAN
NADJA TREJO
NANCY COUVO
NATALIE MOORER
NICHEAL RYBALKO
OSWALDO OSORNO
PAUL BAGWELL
PAUL CAVE
PAUL MOORE
PAUL VANOSTENBRIDGE
PHILLIP HOWARD
QAADIR PHILLIPS
RANDY ANDERSON
RAQUEL RODRIGUEZ
REBECCA MONTIE
REE REYES
RENAY WHITE
ROBERT DOANE
RONALD PINCKNEY
RUTH GRAY
RYAN MURPHY
SAY VANN
SCHATZLE ERICH
SHARON BATEMAN
SHAWN HEAD
SLENTZ ABIGAIL
STEPHANIE CLEVELAND
STEPHANIE SCATINA
STEPHEN LASHOWER
STERLING
STEVE MOTT
STEVEN KEEN
THOMAS ENDRESS
TODD COLEMAN
TRISHINDA SINGLETON
VIJAY BASIREDDY
VINUTHA VISHNU
WAVERLY STATION AT THE HIGHLANDS
WHITNEY DAVIDSON
WILEY JORDAN
YOLANDA STRAIN
ZACHARY DESMOND

BENTON BLVD 2008

1265	MERRY LAND PROPERTIES THE PRESERVE AT GODLEY STATION
1290	PRANAMI FOOD MART TEXACO GAS SUBWAY STORE 23272
1515	ABHIJIT ALHAT AIDA AUSTIN ALAN HUEY ALLISON SELK AMY BOYD ANDREW DAVIS ANTIONE WILKERSON AUDREY FULLER BERNERD PARRISH BETSY THOMAS BRANDI HARRIS BRENDA MORRIS BRIJENDER PARSAD CAROL DAVIS CHARLES DODGEN CHRIS PYRON CHRISTOPHER HARDIN CHRISTOPHER HOBBS CRAIG BROWNING CRAIG SPOTO DANA BYRD DARIN NELSEN DAVID CLAYTON DAVID DUQUETTE DAVID JOSLYN DAVID KNOPF DAVID NADELL DAWN MARIE KOSORIS DEBORAH TERRY DONALD GIBBONS DONALD TOMS EDWARD ANDREWS ERIC RICE ERICA MARGRAVE FAYE LACHIE FRED NEWLIN GLENDA PASS HENRY KINSEY HENRY MOBLEY ISAAC SVED JACQUELYN SABILLON JANET THORNAL JASON CZEREWKO JASON RITZENTHALER JAY DUNCAN JEFFREY BATTING

BENTON BLVD

2008

(Cont'd)

1515 JESSICA HOPKINS
JESSICA ROBINSON
JESSICA SANDERS
JESSICA WRIKE
JOHN MCCAFFERY
JOHNATHON MCCOY
JORDAN ROSS
JOSEPH BADEN
JOSEPHINE EISEMAN
JOSHUA HINCH
KEITH NORTHCUTT
KELLE SWANN
KELLY KERNER
KEVIN HILL
KEVIN JORDAN
KRISTEN DENNEY
KYLE MALIN
LINDA BUDAY
LINDA WATERS
LINDA WILLIAMS
MARC JASON
MATTHEW LIGHT
MAURICE WILLIAMS
MEGAN URICK
MELISSA BEEBE
MERRITT AT GODLEY STATION
MICHAEL FLATEGRAFF
MICHAEL PROVENCHER
MICHAEL REYES
MINDY LAMORE
MONTY HAYES
MURALISHYAM BHATTA
NATHAN LINCOLN
NELSON FIGUEIREDO
NICHOLAS MALESKI
NINA IVEY
PHILIP LINZ
RALPH BELL
RANDY ALEXANDER
RAYMOND ESCOBEDO
ROBERT HARDIN
RONNIE DEVORE
RYAN SCHUCK
SABRINA TRUE
SCOTT MCLELLAND
SEAN HORTON
SHIRLEY FLEMING
SONYA ROZIER
STEPHANIE SNIDER
STEPHEN BRIDEGUM

BENTON BLVD**2008****(Cont'd)**

1515	STEPHEN LEON
	SYLVIA SCHOONOVER
	TABITHIA COLLINS
	TIMOTHY WILSON
	TODD SELVA
	TRACEY PYRON
	VICTOR OLIVIERI
	WILLIAM BROWN
	WISSAM KHALAF
1533	MARCUS FERRELL

BENTON BLVD 2003

1265 JOHN CHEATWOOD
PRESERVE AT GODLEY STATION
1290 PRANAMI FOOD MART TEXACO GAS
SUBWAY STORE
VINCO

APPENDIX D

Prior Reports and Documentation



DEPARTMENT OF THE ARMY
SAVANNAH DISTRICT, CORPS OF ENGINEERS
100 W. OGLETHORPE AVENUE
SAVANNAH, GEORGIA 31401

REPLY TO
ATTENTION OF:

AUGUST 17 2015

Regulatory Division
SAS-2015-00551

Mr. Thomas Shaughnessy
Acorn 6B Highway 25, LLC
109 Radford Circle
Atlanta, Georgia 30060

Dear Mr. Shaughnessy:

I refer to a letter dated July 27, 2015, submitted on your behalf by Sligh Environmental Consultants, Inc., requesting a Jurisdictional Determination (JD) for your site located north of Jimmy DeLoach Parkway and east of Highland Boulevard, in the City of Pooler, Chatham County, Georgia (Latitude 32.1712, Longitude -81.2295). This project has been assigned number SAS-2015-00551 and it is important that you refer to this number in all communication concerning this matter.

We have completed an expanded preliminary JD for the site pursuant to the March 4, 2009, Public Notice entitled, "Characterization of Jurisdictional Determinations: Purpose, Application and Documentation Requirements as Defined by the Savannah District, US Army Corps of Engineers." I have enclosed a "JD Check Sheet" that summarizes the JD, delineation verification and appeals process.

The wetlands/other waters on the subject property may be waters of the United States within the jurisdiction of Section 404 of the Clean Water Act (33 United States Code 1344). The placement of dredged or fill material into any waterways and/or their adjacent wetlands or mechanized land clearing of those wetlands would require prior Department of the Army authorization pursuant to Section 404.

If you intend to sell property that is part of a project that requires Department of the Army Authorization, it may be subject to the Interstate Land Sales Full Disclosure Act. The Property Report required by Housing and Urban Development Regulation must state whether, or not a permit for the development has been applied for, issued or denied by the U.S. Army Corps of Engineers (Part 320.3(h) of Title 33 of the Code of Federal Regulations).

This communication does not convey any property rights, either in real estate or material, or any exclusive privileges. It does not authorize any injury to property, invasion of rights, or any infringement of federal, state or local laws, or regulations. It does not obviate your requirement to obtain state or local assent required by law for the

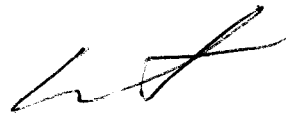
development of this property. If the information you have submitted, and on which the U.S. Army Corps of Engineers has based its determination is later found to be in error, this decision may be revoked.

A copy of this letter is being provided to the following parties: Mr. Stuart F. Sligh, Sligh Environmental Consultants, Inc., 31 Park of Commerce Way, Suite 200B, Savannah, Georgia 31405.

Thank you in advance for completing our on-line Customer Survey Form located at http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey. We value your comments and appreciate your taking the time to complete a survey each time you have interaction with our office.

If you have any questions, please call Ms. Sara E. Bahnson, Regulatory Specialist, Coastal Branch, at 912-652-6210.

Sincerely,

A handwritten signature in black ink, appearing to read 'Sherelle D. Reinhardt', with a stylized flourish at the end.

Sherelle D. Reinhardt
Chief, Permits Section

Enclosures



DEPARTMENT OF THE ARMY
SAVANNAH DISTRICT, CORPS OF ENGINEERS
100 W. OGLETHORPE AVENUE
SAVANNAH, GEORGIA 31401-3640

REPLY TO
ATTENTION OF:

JURISDICTION DELINEATION CHECK SHEET
CORPS FILE NUMBER: SAS-2015-00551
DATE: August 12, 2015

1. SECTION 1 - PRELIMINARY JURISDICTIONAL DETERMINATIONS

a. JURISDICTIONAL DETERMINATION (JD). A "preliminary JD" form was completed for the site in accordance with the March 4, 2009, Public Notice entitled, "Characterization of Jurisdictional Determinations: Purpose, Application and Documentation Requirements as Defined by the Savannah District, US Army Corps of Engineers." The form details whether streams, wetlands and/or other waters present on the site may be subject to the jurisdiction of the U.S. Army Corps of Engineers. In summary, the Corps has determined the following with regard to waters present on the site:

_____ There may be navigable waters of the United States within Rivers and Harbors Act (RHA) jurisdiction present.

_____ There may be waters of the United States within Clean Water Act (CWA) jurisdiction present.

b. DELINEATION VERIFICATION. With regard to the location and extent of potentially jurisdictional areas present on the site, the Corps has made the following determinations:

_____ Wetlands were delineated in accordance with criteria contained in the 1987 "Corps of Engineers Wetland Delineation Manual," as amended by the most recent regional supplements to the manual.

_____ Drawings submitted with a Pre-Construction Notification (or other application) depict the approximate location/boundaries of all potentially jurisdictional waters on the project site. The Corps has verified the accuracy of the depicted boundaries of potentially jurisdictional waters in only the immediate vicinity of waters to be impacted. A complete jurisdictional delineation request, including a jurisdictional waters survey, would be required in order for the Corps to consider final verification of all other jurisdictional boundaries on the project site.

_____ The drawing entitled "_____" dated _____ is an acceptable sketch of the approximate location/boundaries of all the potentially jurisdictional waters in the project area. This sketch can be used for initial real estate planning; projects with temporary impacts to waters; projects involving minor amounts of fill in waters; or work only subject to our jurisdiction pursuant to Section 10 of the RHA of 1899. A complete

jurisdictional delineation request, including a jurisdictional waters survey, would be required in order for the Corps to consider final verification of all other jurisdictional boundaries on the project site.

c. APPEALS OF PRELIMINARY JDs: The preliminary JD is a “non-binding” written indication that there may be waters of the United States on a parcel. Preliminary JDs are advisory in nature and may not be appealed (See 33 Code of Federal Regulations (CFR) 331.2).” If you are not in agreement with this preliminary JD, then you may request an approved JD for your project site or review area.

2. SECTION - EXPANDED PRELIMINARY JDs:

a. EXPANDED PRELIMINARY JD. An “expanded preliminary JD” form was completed for the site in accordance with the March 4, 2009, Public Notice entitled, “Characterization of Jurisdictional Determinations: Purpose, Application and Documentation Requirements as Defined by the Savannah District, US Army Corps of Engineers.” The form details whether streams, wetlands and/or other waters present on the site may be subject to the jurisdiction of the Corps. In summary, the Corps has determined the following with regard to waters present on the site:

 There may be navigable waters of the United States within RHA jurisdiction present.

 X There may be waters of the United States within CWA jurisdiction present.

b. DELINEATION VERIFICATION. With regard to the location and extent of potentially jurisdictional areas present on the site, the Corps has made the following determinations:

 X Wetlands were delineated in accordance with criteria contained in the 1987 “Corps of Engineers Wetland Delineation Manual,” as amended by the most recent regional supplements to the manual.

 The Global Positioning System (GPS) delineation entitled “_____”, dated _____, is an accurate delineation of the location/boundaries of all the potentially jurisdictional waters on the site. If you have not already done so, I recommend that you place a statement on this delineation to the effect that, **“WETLANDS AND OTHER WATERS SHOWN ON THIS DRAWING ARE POTENTIALLY UNDER THE JURISDICTION OF THE CORPS AS SHOWN IN THE CORPS FILE NUMBER SAS-2015-00551. OWNERS MAY BE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE TO THESE WATERS WITHOUT PROPER AUTHORIZATION.”** This delineation will remain valid for a period of 5 years unless new information warrants revision prior to that date.

X The survey entitled "HIGHLANDS ROAD PROPERTY – CHATHAM COUNTY, GA", dated June 1, 2015, and signed by Registered Land Surveyor James M. Anderson, Registration Number 2113, is an accurate delineation of the location/boundaries of all the potentially jurisdictional waters on the site. If you have not already done so, I recommend that you place a statement on the final surveyed property plat to the effect that, **"WETLANDS AND OTHER WATERS SHOWN ON THIS DRAWING ARE POTENTIALLY UNDER THE JURISDICTION OF THE CORPS AS SHOWN IN THE CORPS FILE NUMBER SAS-2015-00551. OWNERS MAY BE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE TO THESE WATERS WITHOUT PROPER AUTHORIZATION."** This delineation will remain valid for a period of 5-years unless new information warrants revision prior to that date.

c. APPEALS OF PRELIMINARY JDs: The expanded preliminary JD is a "non-binding" written indication that there may be waters of the United States on a parcel. expanded preliminary JDs are advisory in nature and may not be appealed (See 33 CFR. 331.2)." If you are not in agreement with this expanded preliminary JD, then you may request an approved JD for your project site or review area.

3. SECTION 3 - APPROVED JDs: As defined in Regulatory Guidance Letter 08-02, an approved JD is an official Savannah District determination that jurisdictional "waters of the United States" or "navigable waters of the United States," or both, are either present or absent on a particular site. An approved JD precisely identifies the limits of those waters on the project site determined to be jurisdictional under the CWA and/or the RHA.

a. APPROVED JD. An "approved JD" form was completed for the site pursuant to the June 5, 2007, "US Army Corps of Engineers JD Form Instructional Guidebook." The form details whether streams, wetlands and/or other waters present on the site are subject to the jurisdiction of the Corps. In summary, the Corps has determined the following with regard to waters present on the site:

_____ There are navigable waters of the United States within RHA jurisdiction present.

_____ There are waters of the United States within CWA jurisdiction present.

_____ There are non-jurisdictional waters of the United States located in the project area.

_____ There are no jurisdictional waters of the United States located in the project area.

b. APPROVED DETERMINATION - ISOLATED, NON-JURISDICTIONAL WATERS. If Appendix E of the March 4, 2009, Public Notice entitled, "Characterization

of Jurisdictional Determinations: Purpose, Application and Documentation Requirements as Defined by the Savannah District, US Army Corps of Engineers" was submitted, you have requested that the Corps verify the presence of isolated, non-jurisdictional waters located at the project site or within the review area. The completed Appendix E form is available at <http://www.sas.usace.army.mil/Missions/Regulatory/JurisdictionalDetermination/PostedApprovedJDs.aspx>, under the above listed file number. You may also request that a printed copy of the form be mailed to you. This isolated, non-JD will remain valid for a period of 5-years unless new information warrants revision prior to that date. In summary, the Corps has determined the following with regard to isolated, non-jurisdictional waters that are present on the site:

_____ Wetlands were delineated in accordance with criteria contained in the 1987 "Corps of Engineers Wetland Delineation Manual," as amended by the most recent regional supplements to the manual.

_____ There are isolated non-jurisdictional waters present that are not subject to CWA jurisdiction. Specifically, wetland(s) [letter of wetlands here], as identified on the exhibit entitled "_____" is/are isolated, non-jurisdictional wetlands. Department of the Army authorization, pursuant to Section 404 of the Clean Water Act (33 United States Code 1344), is not required for dredge and/or fill activities in these areas.

c. APPROVED DETERMINATION. (other than isolated, non-jurisdictional waters): If Appendix B of the March 4, 2009, Public Notice entitled, "Characterization of Jurisdictional Determinations: Purpose, Application and Documentation Requirements as Defined by the Savannah District, US Army Corps of Engineers" was submitted, you have requested that the Corps verify the presence of jurisdictional waters located at the project site or within the review area. The completed Appendix B form is available at <http://www.sas.usace.army.mil/Missions/Regulatory/JurisdictionalDetermination/PostedApprovedJDs.aspx>, under the above listed file number. You may also request that a printed copy of the form be mailed to you. This JD will remain valid for a period of 5-years unless new information warrants revision prior to that date. In summary, the Corps has determined the following with regard to isolated, non-jurisdictional waters that are present on the site:

_____ Wetlands were delineated in accordance with criteria contained in the 1987 "Corps of Engineers Wetland Delineation Manual," as amended by the most recent regional supplements to the manual.

_____ The Global Positioning System (GPS) delineation entitled "_____", dated _____, is an accurate delineation of all the jurisdictional boundaries on the site. If you have not already done so, I recommend that you place a statement on this delineation to the effect that, "**JURISDICTIONAL**

WETLANDS AND OTHER WATERS SHOWN ON THIS DRAWING ARE UNDER THE JURISDICTION OF THE CORPS AS SHOWN IN THE CORPS FILE NUMBER SAS-2015-00551. OWNERS MAY BE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE TO THESE JURISDICTIONAL AREAS WITHOUT PROPER AUTHORIZATION." This approved JD will remain valid for a period of 5-years unless new information warrants revision prior to that date.

_____ The survey entitled "_____", dated _____, and signed by Registered Land Surveyor _____, is an accurate delineation of all the jurisdictional boundaries on the site. If you have not already done so, I recommend that you place a statement on the final surveyed property plat to the effect that, **"JURISDICTIONAL WETLANDS AND OTHER WATERS SHOWN ON THIS DRAWING ARE UNDER THE JURISDICTION OF THE CORPS AS SHOWN IN CORPS FILE NUMBER SAS-2015-00551. OWNERS MAY BE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE TO THESE JURISDICTIONAL AREAS WITHOUT PROPER AUTHORIZATION."** This approved JD will remain valid for a period of 5-years unless new information warrants revision prior to that date.

d. APPEALS FOR APPROVED JDs: You may request an administrative appeal for any approved geographic JD under the Corps regulations at 33 CFR Part 331. Enclosed you will find a Notification of Administrative Appeal Options and Process (NAP) and Request for Appeal (RFA) Form.

If you request to appeal this/these determination(s) you must submit a completed RFA form to the South Atlantic Division Office at the following address:

U.S. Army Corps of Engineers, South Atlantic Division
Attention: CESAD-PDS-O, Administrative Appeal Review Officer
60 Forsyth Street, Room 10M15
Atlanta, Georgia 30303-8801

In order for a RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria for appeal under 33 CFR, part 331.5, and that it has been received by the Division Office within 60 days of the date of this form. It is not necessary to submit an RFA form to the Division Office if you do not object to this JD.

4. SECTION 4 - APPLIES TO ALL OF THE ABOVE.

- U.S. DEPARTMENT OF AGRICULTURE (USDA) PROGRAM PARTICIPANTS.
This delineation/determination has been conducted to identify the limits of the Corps CWA jurisdiction for this site. This delineation/determination may not be valid for the wetland conservation provisions of the Food Security Act of 1985, as amended. If you or your tenant are USDA program participants, or anticipate participation in USDA

programs, you should request a certified wetland determination from the local office of the Natural Resources Conservation Service prior to starting work.

Attachments:

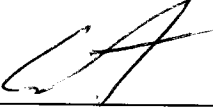
☒ Verified Survey of Jurisdictional Streams, Wetlands and/or Other Waters

☐ Verified GPS Delineation of Jurisdictional Streams, Wetlands and/or Other Waters

☐ Drawing of Approximate Location of Streams, Wetlands and/or Other Waters

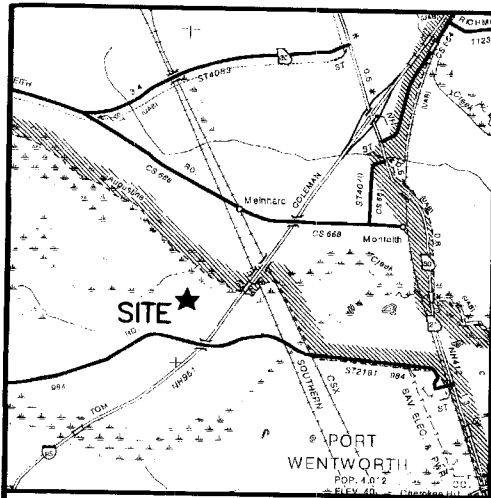
☐ Approved JD Form(s)

☒ NAP and RFA Form



Sherelle D. Reinhardt
Chief, Permits Section

8/17/15
DATE



VICINITY MAP

UPLAND ACREAGE

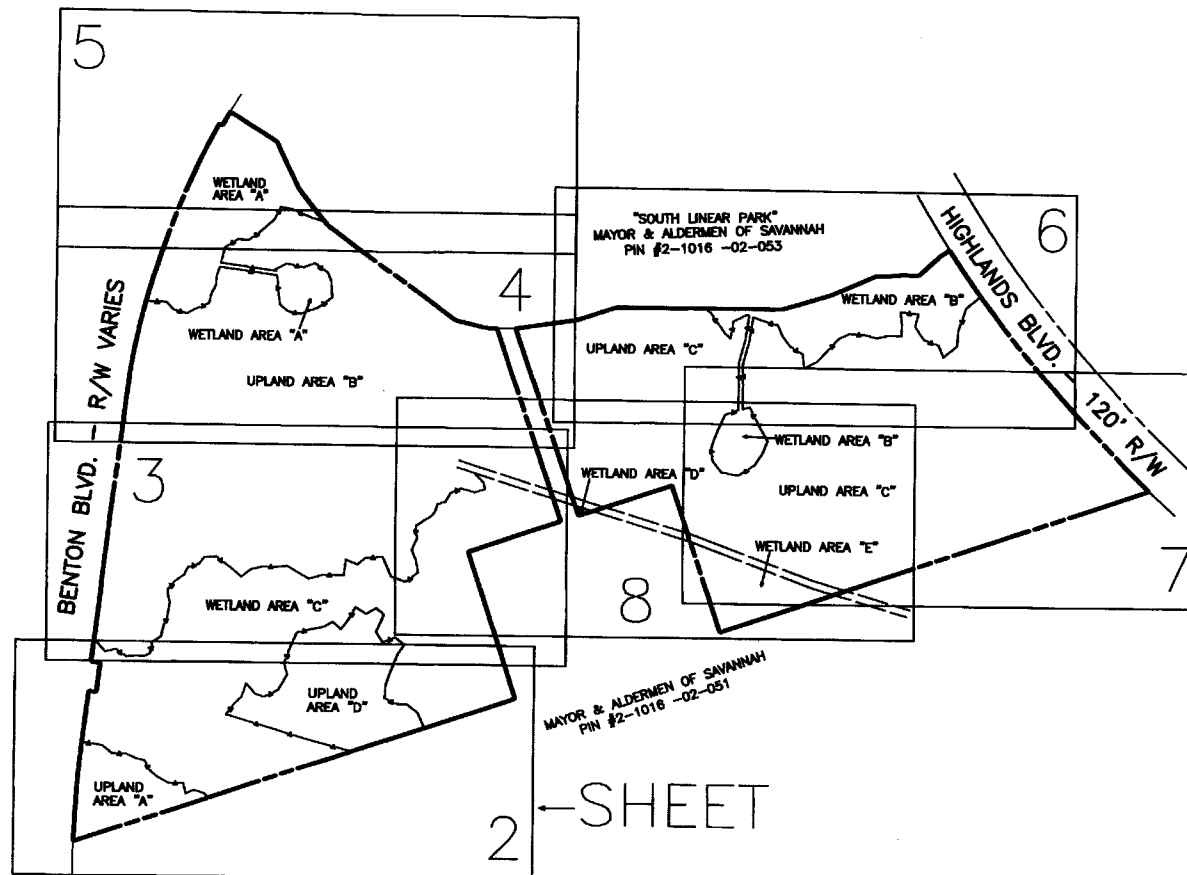
UPLAND AREA "A" = 1.202 AC.
 UPLAND AREA "B" = 19.691 AC.
 UPLAND AREA "C" = 19.840 AC.
 UPLAND AREA "D" = 2.605 AC.

TOTAL UPLAND AREA = 43.338 AC.

WETLAND ACREAGE

WETLAND AREA "A" = 3.094 AC.
 WETLAND AREA "B" = 2.669 AC.
 WETLAND AREA "C" = 10.954 AC.
 WETLAND AREA "D" = 0.013 AC.
 WETLAND AREA "E" = 0.961 AC.

TOTAL WETLAND AREA = 17.691 AC.



← SHEET

WETLANDS MAP FOR:

SABAL FINANCIAL GROUP, L.P.

"HIGHLANDS ROAD PROPERTY - CHATHAM COUNTY, GA."

LOCATION: 8TH G.M.D. CHATHAM CO., GA.
 CITY OF SAVANNAH

MAP DATE: JUNE 1, 2015

BY: JAMES M. ANDERSON-GA. R.L.S. 2113

SCALE: N.T.S.

SHEET 1

15044.CRD/15044WL.DWG

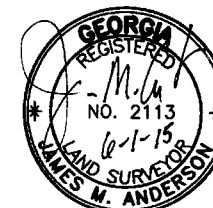
TOTAL ACREAGE

WETLANDS = 17.69 AC.
 UPLANDS = 43.34 AC.

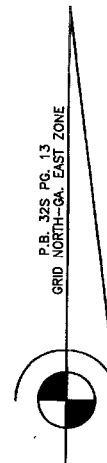
TOTAL = 61.03 AC.

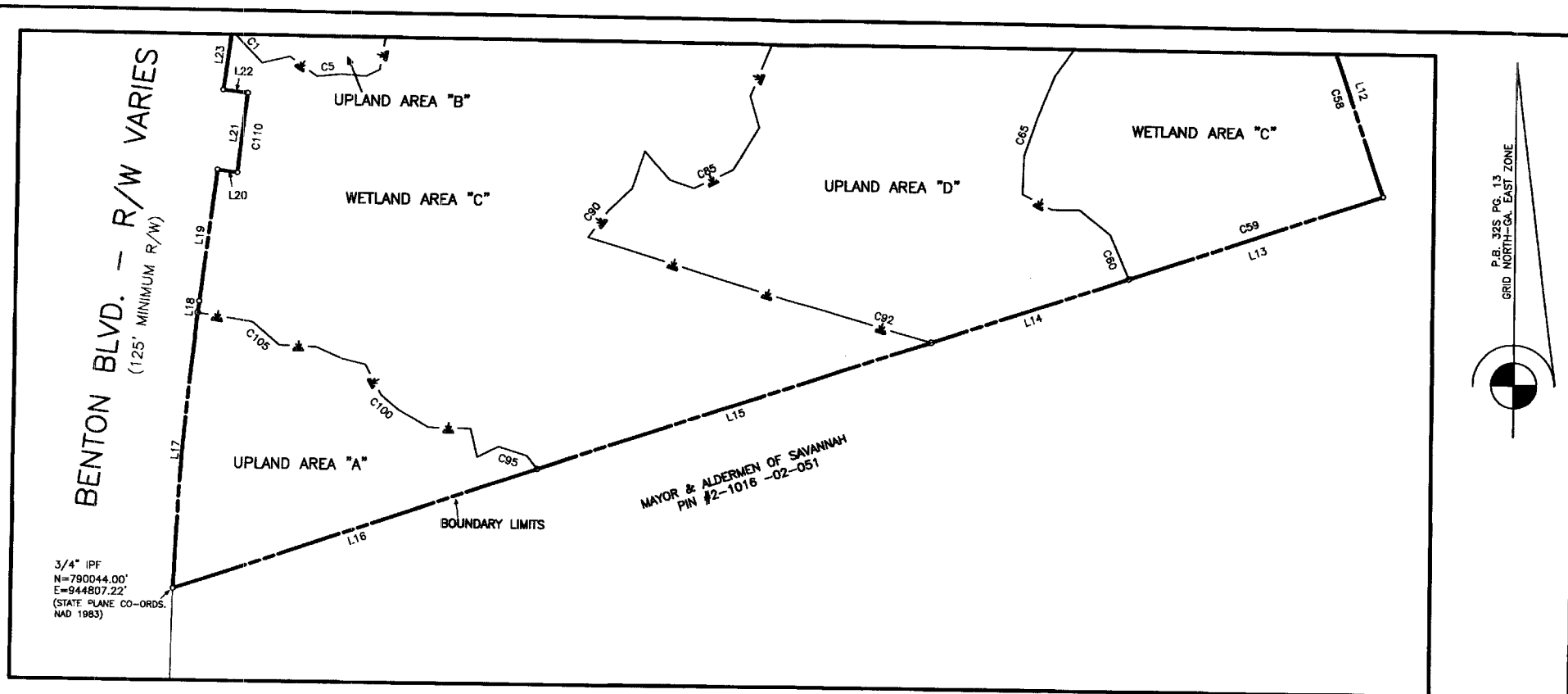
I HEREBY CERTIFY THAT THE WETLANDS AS SHOWN ON THIS SURVEY WERE LOCATED USING GPS EQUIPMENT AT SUB-METER ACCURACY. THE PURPOSE OF THIS SURVEY IS FOR THE LOCATION OF WETLANDS ONLY AND NOT BOUNDARY ESTABLISHMENT OR PROPERTY CONVEYANCE.

James M. Anderson



JAMES M. ANDERSON & ASSOCIATES, INC.
 REGISTERED LAND SURVEYORS
 P.O. BOX 894 104 OAK STREET
 STATESBORO, GA. 30459
 PHONE: (912) 764-2002





WETLANDS MAP FOR:

SABAL FINANCIAL GROUP, L.P.

"HIGHLANDS ROAD PROPERTY - CHATHAM COUNTY, GA."

LOCATION: 8TH G.M.D. CHATHAM CO., GA.
CITY OF SAVANNAH

MAP DATE: JUNE 1, 2015

BY: JAMES M. ANDERSON-GA. R.L.S. 2113

SCALE: 1" = 100'

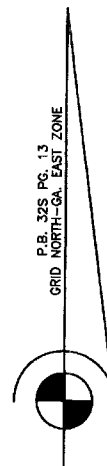
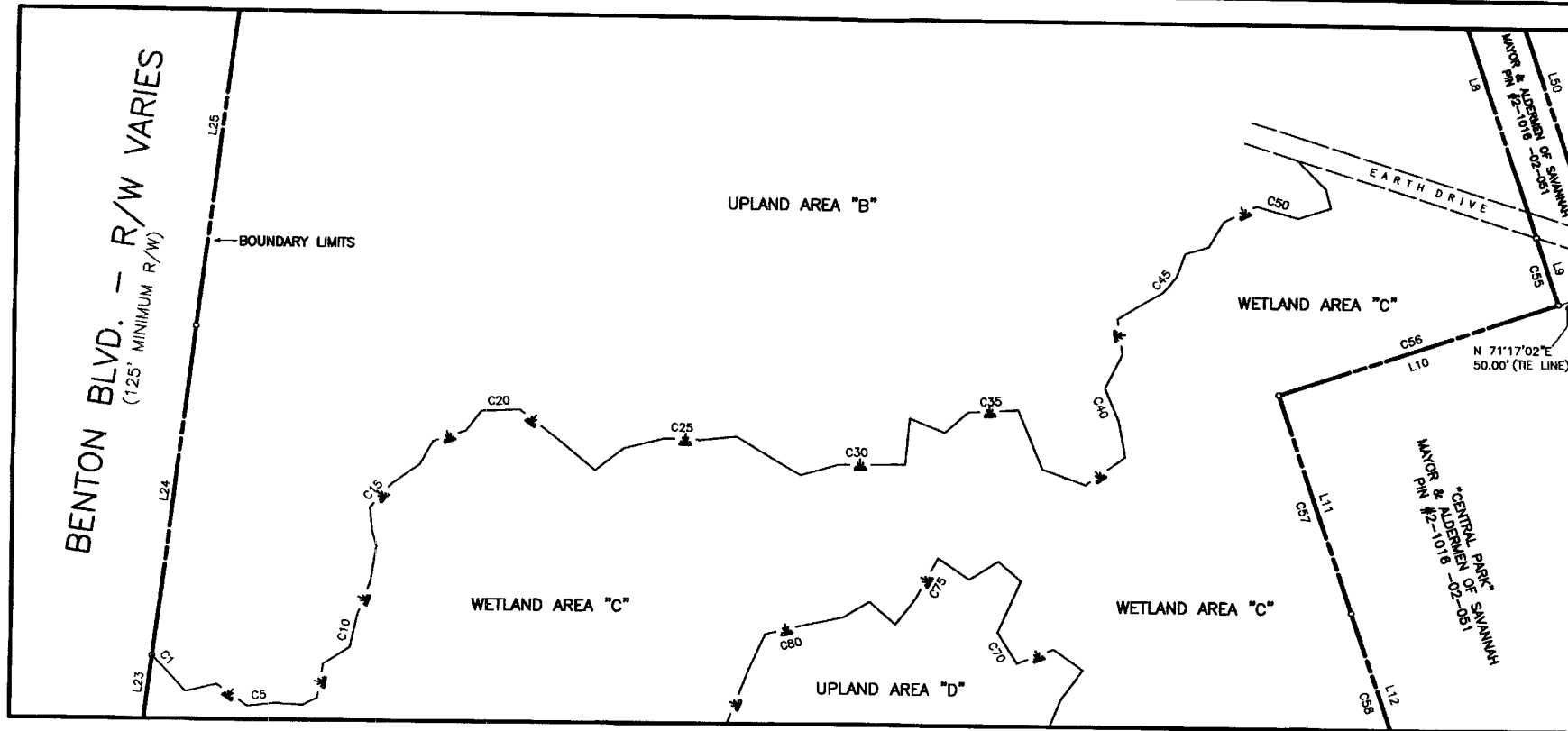
100 0 100 200 300

GRAPHIC SCALE - FEET

SHEET 2

15044.CRD/15044WL.DWG

JAMES M. ANDERSON & ASSOCIATES, INC.
REGISTERED LAND SURVEYORS
P.O. BOX 894 104 OAK STREET
STATESBORO, GA. 30459
PHONE: (912) 764-2002



WETLANDS MAP FOR:

SABAL FINANCIAL GROUP, L.P.

"HIGHLANDS ROAD PROPERTY - CHATHAM COUNTY, GA."

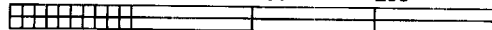
LOCATION: 8TH G.M.D. CHATHAM CO., GA.
CITY OF SAVANNAH

MAP DATE: JUNE 1, 2015

BY: JAMES M. ANDERSON-GA. R.L.S. 2113

SCALE: 1" = 100'

100 0 100 200 300

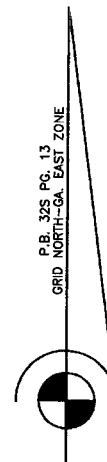
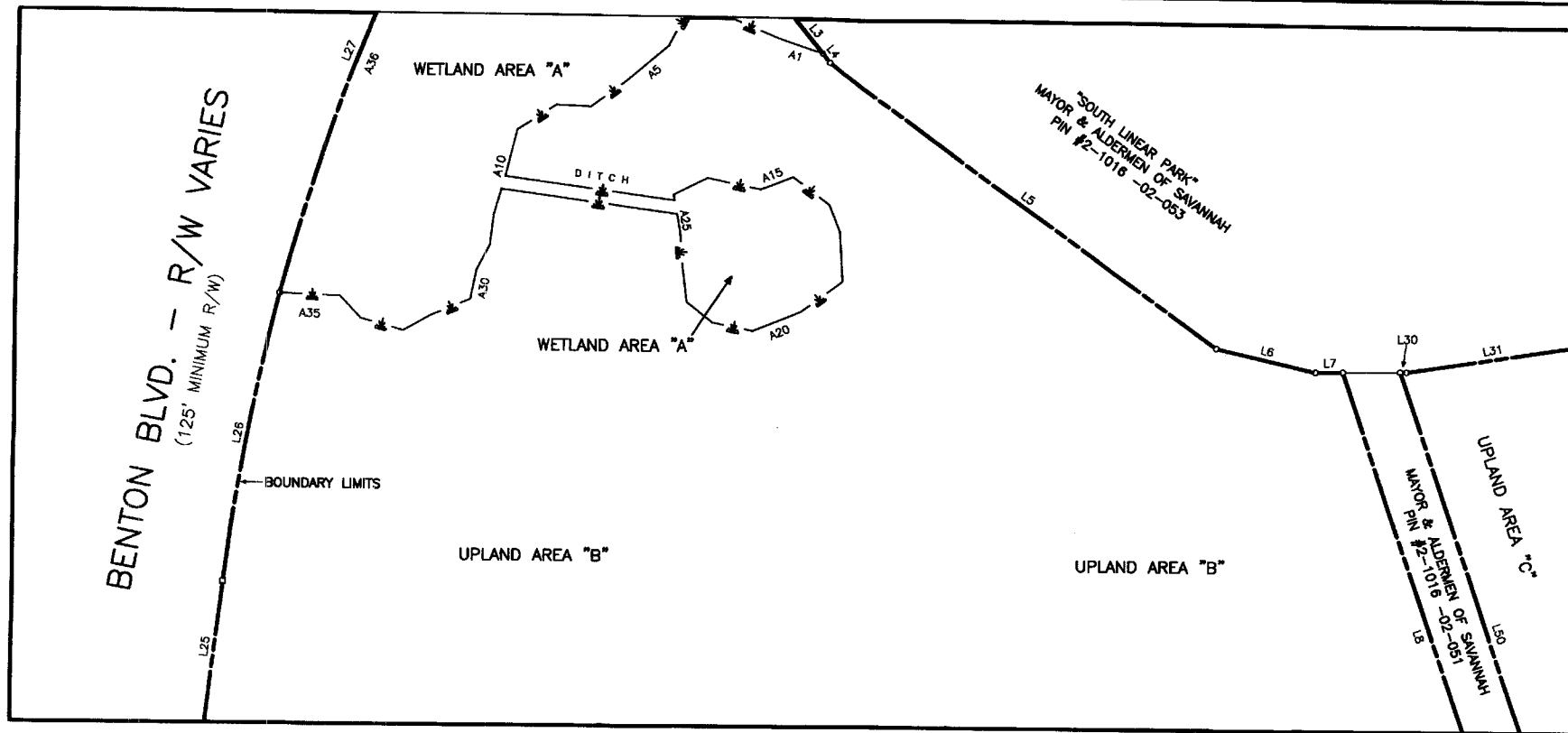


GRAPHIC SCALE - FEET

SHEET 3

15044.CRD/15044WL.DWG

JAMES M. ANDERSON & ASSOCIATES, INC.
REGISTERED LAND SURVEYORS
P.O. BOX 894 104 OAK STREET
STATESBORO, GA. 30459
PHONE: (912) 764-2002



WETLANDS MAP FOR:

SABAL FINANCIAL GROUP, L.P.

"HIGHLANDS ROAD PROPERTY - CHATHAM COUNTY, GA."

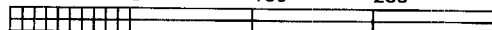
LOCATION: 8TH G.M.D. CHATHAM CO., GA.
CITY OF SAVANNAH

MAP DATE: JUNE 1, 2015

BY: JAMES M. ANDERSON-GA. R.L.S. 2113

SCALE: 1" = 100'

100 0 100 200 300



GRAPHIC SCALE - FEET

SHEET 4

15044.CRD/15044WL.DWG

JAMES M. ANDERSON & ASSOCIATES, INC.
REGISTERED LAND SURVEYORS
P.O. BOX 894 104 OAK STREET
STATESBORO, GA. 30459
PHONE: (912) 764-2002

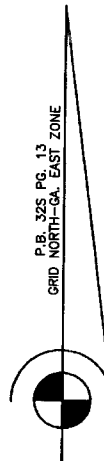
BENTON BLVD. - R/W VARIES
(125' MINIMUM R/W)

WETLAND AREA "A"

UPLAND AREA "B"

"SOUTH LINEAR PARK"
MAYOR & ALDERMEN OF SAVANNAH
PIN #2-1016 -02-053

BOUNDARY LIMITS



P.B. 32S PG. 13
GRID NORTH-GA. EAST ZONE

WETLANDS MAP FOR:

SABAL FINANCIAL GROUP, L.P.

"HIGHLANDS ROAD PROPERTY - CHATHAM COUNTY, GA."

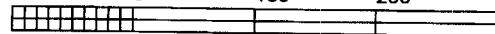
LOCATION: 8TH G.M.D. CHATHAM CO., GA.
CITY OF SAVANNAH

MAP DATE: JUNE 1, 2015

BY: JAMES M. ANDERSON-GA. R.L.S. 2113

SCALE: 1" = 100'

100 0 100 200 300

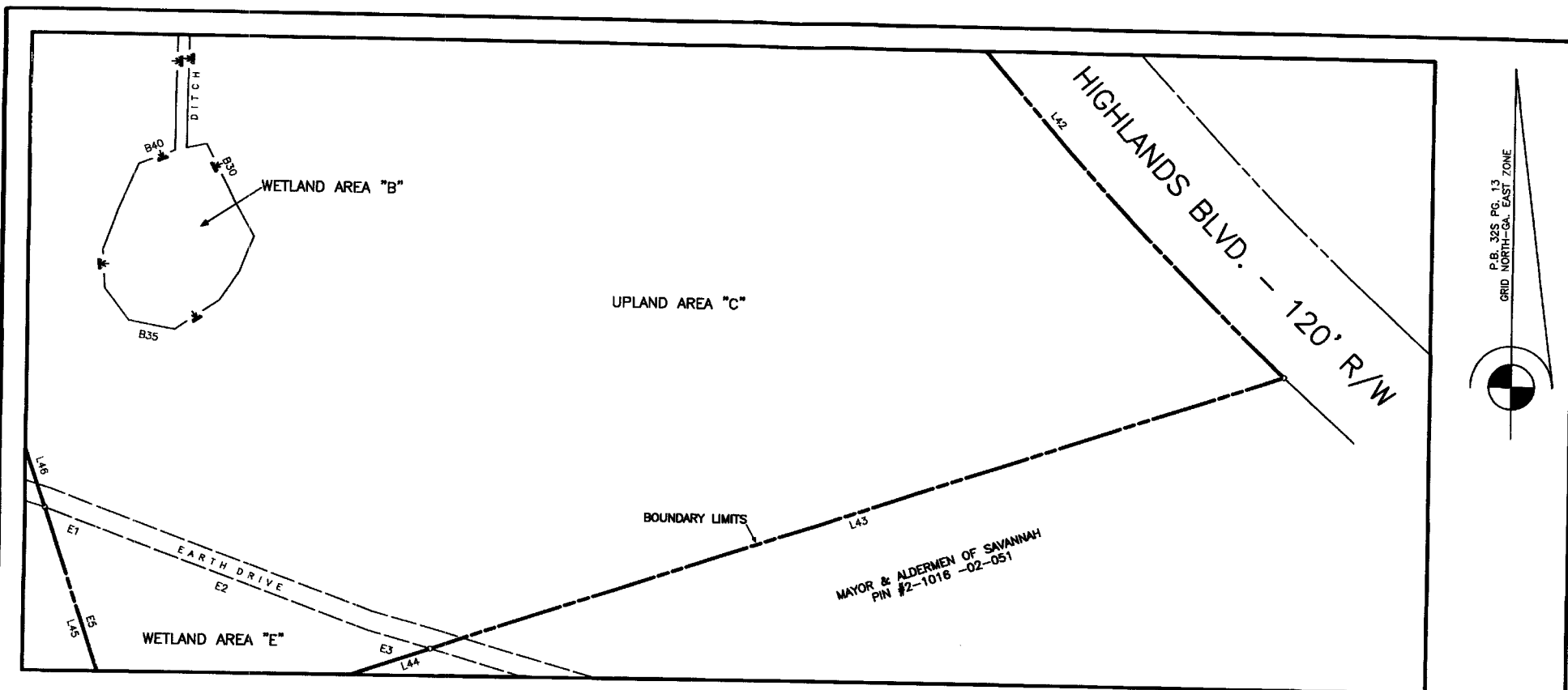


GRAPHIC SCALE - FEET

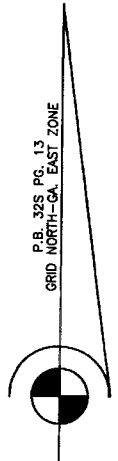
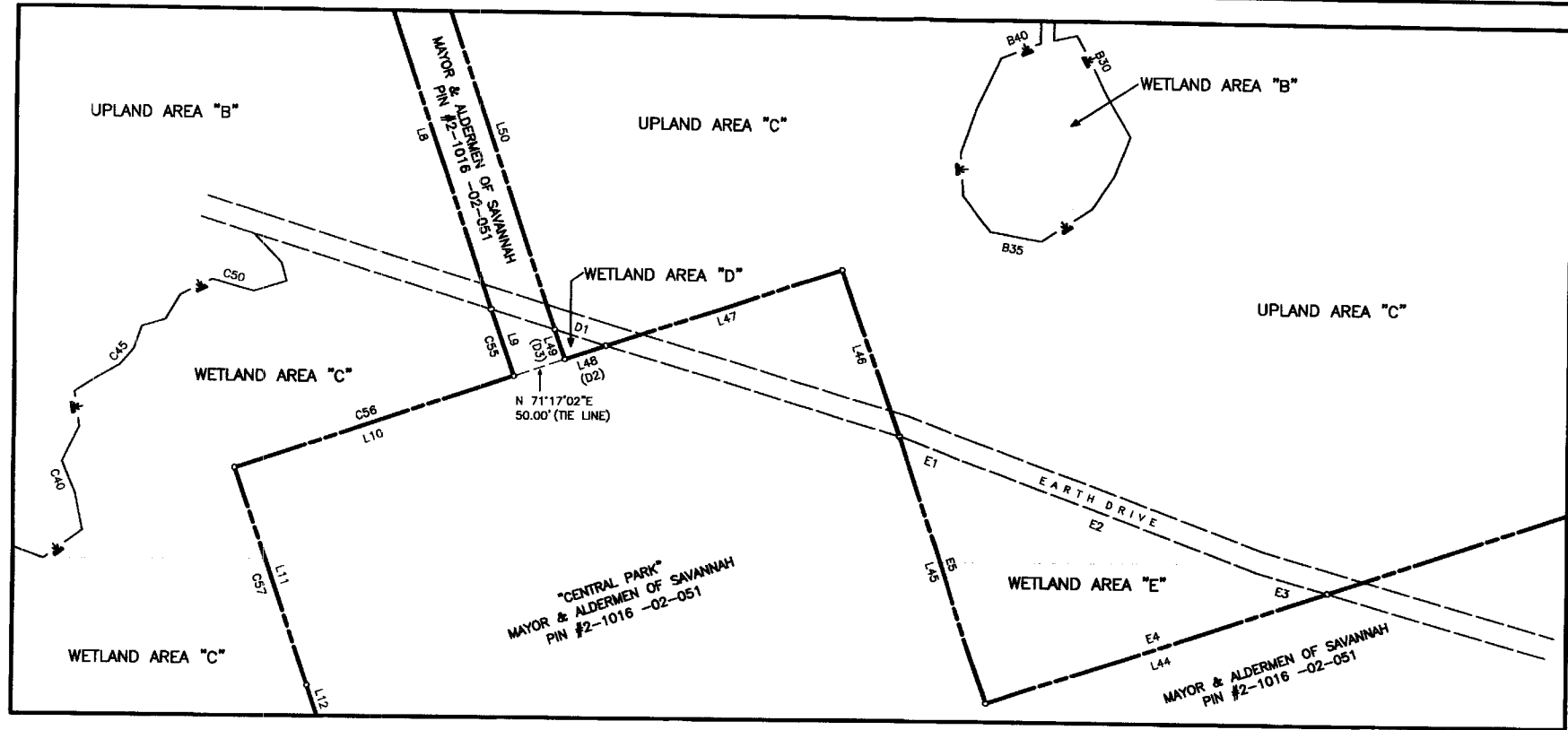
SHEET 5

15044.CRD/15044WL.DWG

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P.B. 32S PG. 13
GRID NORTH-GA. EAST ZONE

WETLANDS MAP FOR:

SABAL FINANCIAL GROUP, L.P.

"HIGHLANDS ROAD PROPERTY - CHATHAM COUNTY, GA."

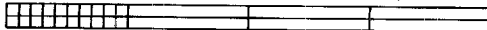
LOCATION: 8TH G.M.D. CHATHAM CO., GA.
CITY OF SAVANNAH

MAP DATE: JUNE 1, 2015

BY: JAMES M. ANDERSON-GA. R.L.S. 2113

SCALE: 1" = 100'

100 0 100 200 300



GRAPHIC SCALE - FEET

SHEET 8

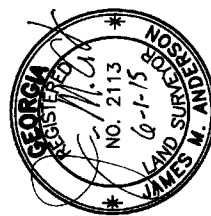
15044.CRD/15044WL.DWG

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REGISTERED LAND SURVEYORS
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STATESBORO, GA. 30459
PHONE: (912) 764-2002

WETLAND AREA "C"					
COURSE	BEARING	DISTANCE	COURSE	BEARING	DISTANCE
L1	S 59°17'05"E	154.14'	L30	N 89°12'55"E	5.74'
L2	S 26°27'09"E	143.74'	L31	N 81°05'25"E	165.21'
L3	S 38°42'15"E	110.28'	L32	N 70°57'30"E	110.28'
L4	S 38°42'15"E	10.93'	L33	N 89°48'54"E	243.66'
L5	S 54°04'44"E	439.72'	L34	N 87°58'54"E	217.29'
L6	S 71°10'05"E	93.53'	L35	N 72°42'20"E	129.33'
L7	N 89°12'55"E	25.20'	L36	N 86°07'26"E	139.38'
L8	S 18°42'58"E	496.49'	L37	N 86°08'00"E	74.40'
L9	S 18°42'58"E	65.21'	L38	S 88°18'19"E	44.93'
L10	S 71°17'02"W	270.00'	L39	N 47°23'21"E	83.47'
L11	S 18°42'58"E	210.50'	L40	N 56°10'39"E	29.61'
L12	S 18°42'58"E	210.50'	RAD:	3561.98° TAN: 78.32°	
L13	S 71°17'02"W	268.66'	L41	S 34°10'13"E	156.59'
L14	S 71°17'02"W	210.19'	RAD:	3561.98° TAN: 356.74°	
L15	S 71°17'02"W	419.05'	LEN:	711.12' DELTA: 11°26'19"	
L16	S 71°17'02"W	386.44'			
RAD:	3245.00° TAN: 138.94°				
LEN:	277.70' DELTA: 4°54'12"				
L17	N 04°18'37"E	277.62'	L42	S 41°08'56"E	709.94'
RAD:	3245.00° TAN: 6.10°		L43	S 71°17'02"W	915.44'
LEN:	12.21' DELTA: 0°12'56"		L44	S 71°17'02"W	30.11'
L18	N 06°52'08"E	12.21'	L45	N 18°42'58"W	259.02'
L19	N 06°58'36"E	132.14'	L46	N 18°42'58"W	161.98'
L20	S 83°01'24"E	20.00'	L47	S 71°17'02"W	229.78'
L21	N 06°58'36"E	80.00'	L48	S 71°16'42"W	40.23'
L22	N 83°01'24"W	25.00'	L49	N 18°42'58"W	28.08'
L23	N 06°58'36"E	61.00'	L50	N 18°42'58"W	516.44'
L24	N 06°58'36"E	303.83'			
L25	N 06°58'36"E	368.91'			
RAD:	2035.00° TAN: 134.20°				
LEN:	268.01' DELTA: 7°32'45"				
L26	N 10°44'59"E	267.82'			
RAD:	2035.00° TAN: 265.41°				
LEN:	527.83' DELTA: 14°51'40"				
L27	N 21°57'11"E	526.35'			
L28	S 60°36'59"E	10.00'			
RAD:	2025.00° TAN: 21.94°				

SABAL FINANCIAL GROUP, L.P.

P.O. BOX 894 104 OAK STREET
STATESBORO, GA. 30459
PHONE: (912) 764-2002



I HEREBY CERTIFY THAT THE WETLANDS AS SHOWN ON THIS SURVEY WERE LOCATED USING GPS EQUIPMENT AT SUB-METER ACCURACY. THE PURPOSE OF THIS SURVEY IS FOR THE LOCATION OF WETLANDS ONLY AND NOT BOUNDARY ESTABLISHMENT OR PROPERTY CONVEYANCE."

AND NOT BOUNDARY ESTABLISHMENT OR PROPER

WETLAND AREA "A"

COURSE	BEARING	DISTANCE
A1	N 71°29'33"W	42.79'
A2	N 67°17'57"W	57.14'
A3	N 82°34'25"W	30.00'
A4	S 27°23'35"W	38.96'
A5	S 49°32'22"W	48.28'
A6	S 35°36'34"W	42.13'
A7	N 67°30'20"W	31.29'
A8	S 57°39'26"W	42.59'
A9	S 14°19'58"W	28.88'
A10	S 15°02'24"W	15.09'
A11	S 35°35'34"E	157.19'
A12	N 10°25'54"W	5.17'
A13	N 63°18'44"E	34.94'
A14	S 78°30'38"E	48.69'
A15	N 89°22'27"E	31.69'
A16	S 52°58'37"E	41.15'
A17	S 22°45'03"E	27.30'
A18	S 03°48'54"E	45.62'
A19	S 52°53'08"W	48.05'
A20	S 67°53'59"W	47.14'
A21	N 79°02'04"W	37.91'
A22	N 51°39'07"W	29.88'
A23	N 07°22'03"W	30.99'
A24	N 05°02'04"W	35.28'
A25	N 10°25'54"W	15.88'
A26	N 82°35'34"W	162.76'
A27	S 16°19'13"W	24.44'
A28	S 06°31'41"W	27.98'
A29	S 27°26'26"W	26.01'
A30	S 11°33'16"W	27.97'
A31	S 67°07'36"W	39.42'
A32	S 60°47'48"W	28.37'
A33	N 74°48'33"W	40.57'
A34	N 43°24'59"W	28.07'
A35	N 87°52'15"W	55.00'
RAD.: 2035.00' TAN.: 285.41'		
LEN.: 527.83' DELTA: 14°51'40"		
A36	N 21°57'11"E	526.35'
A37	S 60°36'59"E	10.00'
RAD.: 2025.00' TAN.: 21.94'		
LEN.: 43.88' DELTA: 1°14'30"		
A38	N 30°00'16"E	43.88'
A39	S 59°17'05"E	154.14'
A40	S 28°27'09"E	143.74'
A41	S 38°42'15"E	114.04'

WETLAND AREA "B"

COURSE	BEARING	DISTANCE
B1	S 50°45'27"W	52.04'
B2	S 19°17'00"W	62.34'
B3	S 04°22'15"W	48.90'
B4	S 50°17'49"W	50.04'
B5	N 22°58'17"W	36.94'
B6	N 69°48'59"W	41.76'
B7	N 34°28'42"W	44.16'
B8	N 13°56'28"E	36.24'
B9	N 84°45'28"W	50.33'
B10	S 07°52'01"E	35.70'
B11	S 02°40'25"W	31.21'
B12	N 89°06'04"W	35.16'
B13	S 78°00'09"W	34.16'
B14	N 75°58'14"W	35.99'
B15	N 86°00'14"W	40.45'
B16	S 84°56'12"W	32.28'
B17	S 41°53'04"W	43.02'
B18	S 42°47'50"W	45.80'
B19	S 81°13'35"W	38.22'
B20	N 07°03'53"W	40.58'
B21	N 57°58'32"W	40.50'
B22	N 37°21'06"W	35.60'
B23	N 22°57'34"W	32.24'
B24	N 75°02'14"W	39.27'
B25	N 69°40'00"W	31.51'
B26	S 08°37'48"W	67.95'
B27	S 14°58'21"W	63.54'
B28	S 00°33'30"W	127.00'
B29	N 77°17'32"E	20.82'
B30	S 26°32'48"E	63.86'
B31	S 28°43'12"E	41.56'
B32	S 21°42'42"W	39.00'
B33	S 33°38'07"W	35.63'
B34	S 55°59'57"W	54.19'
B35	N 79°57'59"W	47.79'
B36	N 37°28'52"W	41.06'
B37	N 03°31'57"W	38.53'
B38	N 19°04'52"E	42.53'
B39	N 21°04'28"E	39.65'
B40	N 68°00'33"E	51.73'
B41	N 00°33'30"E	131.35'
B42	N 14°58'21"E	64.39'
B43	N 08°37'49"E	69.77'
B44	N 62°48'00"W	5.90'
B45	S 62°48'23"W	42.87'
B46	S 08°45'00"W	46.67'
B47	N 46°33'45"W	20.25'
B48	N 35°40'47"W	69.93'

RAD.: 3561.98' TAN.: 78.32'
LEN.: 156.61' DELTA: 23°10'09"

B57

NOTES:

1. WETLAND DELINEATION FLAGGED BY SUGH ENVIRONMENTAL CONSULTANTS, INC. IN JUNE 2015.
2. BOUNDARY INFORMATION TAKEN FROM TWO PLATS BY THOMAS & HUTTON ENGINEERING CO. PLATS ARE RECORDED IN PLAT BOOK 305 PAGE 28 AND PLAT BOOK 325 PAGE 13 IN THE CHATHAM COUNTY CLERK OF SUPERIOR COURT'S OFFICE.
3. A PORTION OF THIS PROPERTY MAY BE CONSIDERED WETLANDS UNDER THE JURISDICTION OF THE CORPS OF ENGINEERS. OWNERS MAY BE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE OF THESE WETLAND AREAS WITHOUT PROPER AUTHORIZATION.

WETLANDS MAP FOR:

SABAL FINANCIAL GROUP, L.P.

"HIGHLANDS ROAD PROPERTY - CHATHAM COUNTY, GA."

LOCATION: 8TH G.M.D. CHATHAM CO., GA.
CITY OF SAVANNAH

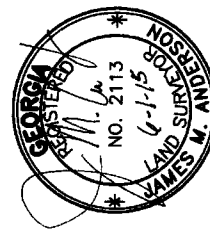
MAP DATE: JUNE 1, 2015

BY: JAMES M. ANDERSON-GA. R.L.S. 2113

SCALE: N.T.S.

SHEET 10

15044.CRD/15044WL.DWG



JAMES M. ANDERSON & ASSOCIATES, INC.
REGISTERED LAND SURVEYORS
P.O. BOX 884 104 OAK STREET
STATESBORO, GA 30459
PHONE: (912) 764-2002

"I HEREBY CERTIFY THAT THE WETLANDS AS SHOWN ON THIS SURVEY WERE LOCATED USING GPS EQUIPMENT AT SUB-METER ACCURACY. THE PURPOSE OF THIS SURVEY IS FOR THE LOCATION OF WETLANDS ONLY AND NOT BOUNDARY ESTABLISHMENT OR PROPERTY CONVEYANCE."

J. M. Anderson

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: Mr. Thomas Shaughnessy, Acorn 6B Highway 25, LLC	File Number: SAS-2015-00551	Date: August 12, 2015
Attached is:		See Section below
<input type="checkbox"/>	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A
<input type="checkbox"/>	PROFFERED PERMIT (Standard Permit or Letter of permission)	B
<input type="checkbox"/>	PERMIT DENIAL	C
<input type="checkbox"/>	APPROVED JURISDICTIONAL DETERMINATION	D
<input checked="" type="checkbox"/>	PRELIMINARY JURISDICTIONAL DETERMINATION	E

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <http://www.usace.army.mil/inet/functions/cw/cecwo/reg> or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

OBJECT: If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit.

ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

APPEAL: If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

ACCEPT: You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.

APPEAL: If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. The division engineer must receive this form within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

Ms. Sara Bahnson
U.S. Army Corps of Engineers, Savannah District
100 W. Oglethorpe Avenue
Savannah, Georgia 31401
912-652-6210

If you only have questions regarding the appeal process you may also contact:

Administrative Appeal Review Officer
CESAD-PDS-O
U.S. Army Corps of Engineers, South Atlantic Division
60 Forsyth Street, Room 10M15
Atlanta, Georgia 30303-8801

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15-day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.

Date:

Telephone number:

APPENDIX E

Environmental Database Information

Tract 3

73 HIGHLANDS XING
Port Wentworth, GA 31407

Inquiry Number: 4818534.2s
January 03, 2017

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	9
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

73 HIGHLANDS XING
PORT WENTWORTH, GA 31407

COORDINATES

Latitude (North):	32.1718520 - 32° 10' 18.66"
Longitude (West):	81.2271700 - 81° 13' 37.81"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	478582.2
UTM Y (Meters):	3559318.8
Elevation:	14 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6046075 PORT WENTWORTH, GA
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20151016
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
73 HIGHLANDS XING
PORT WENTWORTH, GA 31407

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
--------	-----------	---------	-------------------	--------------------	-------------------------------

NO MAPPED SITES FOUND

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List

EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... Hazardous Site Inventory

GA NON-HSI..... Non-Hazardous Site Inventory

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Disposal Facilities

State and tribal leaking storage tank lists

LUST..... List of Leaking Underground Storage Tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST..... Underground Storage Tank Database

AST..... Above Ground Storage Tanks

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

AUL..... Uniform Environmental Covenants

INST CONTROL..... Public Record List

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program site

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Public Record List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycling Center Listing

HIST LF..... Historical Landfills

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

EXECUTIVE SUMMARY

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
CDL..... Clandestine Drug Labs
DEL SHWS..... Delisted Hazardous Site Inventory Listing
US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Spills Information
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
FINDS..... Facility Index System/Facility Registry System
UXO..... Unexploded Ordnance Sites

EXECUTIVE SUMMARY

DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
AIRS.....	Permitted Facility and Emissions Listing
COAL ASH.....	Coal Ash Disposal Site Listing
DRYCLEANERS.....	Drycleaner Database
Financial Assurance.....	Financial Assurance Information Listing
NPDES.....	NPDES Wastewater Permit List
TIER 2.....	Tier 2 Data Listing
ABANDONED MINES.....	Abandoned Mines
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historic Gas Stations
EDR Hist Cleaner.....	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

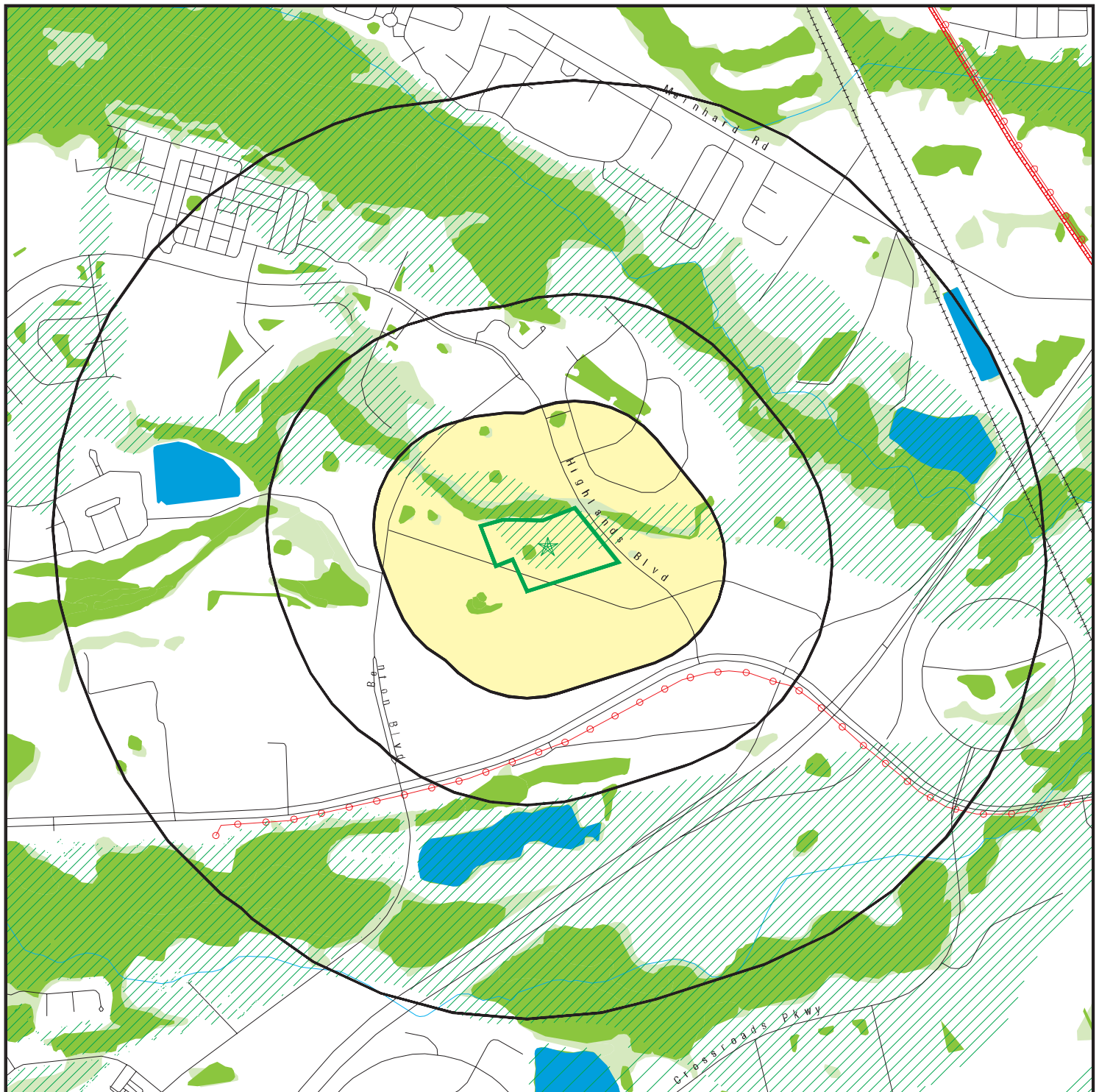
Surrounding sites were not identified.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 4818534.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands














This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Tract 3
 ADDRESS: 73 HIGHLANDS XING
 Port Wentworth GA 31407
 LAT/LONG: 32.171852 / 81.22717

CLIENT: Terracon, Inc.
 CONTACT: Courtney Hudson
 INQUIRY #: 4818534.2s
 DATE: January 03, 2017 3:02 pm

DETAIL MAP - 4818534.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Tract 3
 ADDRESS: 73 HIGHLANDS XING
 Port Wentworth GA 31407
 LAT/LONG: 32.171852 / 81.22717

CLIENT: Terracon, Inc.
 CONTACT: Courtney Hudson
 INQUIRY #: 4818534.2s
 DATE: January 03, 2017 3:04 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
GA NON-HSI	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
ABANDONED MINES	0.500		0	0	0	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000	0	0	0	0	NR	0
EDR Hist Auto	0.125	0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125	0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	TP	NR	NR	NR	NR	NR	0
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO SITES FOUND

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 09/14/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2016	Telephone: 703-603-8704
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/04/2016
Number of Days to Update: 17	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates 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 the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The 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 potential NPL site.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/27/2016	Source: EPA
Date Data Arrived at EDR: 06/30/2016	Telephone: 800-424-9346
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 11/18/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls 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.

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/29/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls 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.

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/29/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/26/2016

Date Data Arrived at EDR: 09/29/2016

Date Made Active in Reports: 11/11/2016

Number of Days to Update: 43

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 09/29/2016

Next Scheduled EDR Contact: 01/09/2017

Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Hazardous Site Inventory

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/01/2016

Date Data Arrived at EDR: 07/05/2016

Date Made Active in Reports: 08/15/2016

Number of Days to Update: 41

Source: Department of Environmental Protection

Telephone: 404-657-8600

Last EDR Contact: 09/26/2016

Next Scheduled EDR Contact: 01/09/2017

Data Release Frequency: Annually

NON HSI: Non-Hazardous Site Inventory

This list was obtained by EDR in 1998 and contains property listings that have reported contamination of soil or groundwater under the Georgia Hazardous Site Response Act (HSRA). These sites were not placed on the Georgia Priority list (Hazardous Site Inventory or HSI) because their hazard evaluation scores did not exceed the threshold levels established for sites posing an imminent threat to health or the environment. Disclaimer provided by Rindt-McDuff Associates - the database information has been obtained from publicly available sources produced by other entities. While reasonable steps have been taken to insure the accuracy of the data, RMA does not guarantee the accuracy of the data. No claim is made for the actual existence of pollution at any site. This data does not constitute a legal opinion.

Date of Government Version: 06/30/2016

Date Data Arrived at EDR: 07/18/2016

Date Made Active in Reports: 08/15/2016

Number of Days to Update: 28

Source: Rindt-McDuff Associates, Inc.

Telephone: N/A

Last EDR Contact: 10/07/2016

Next Scheduled EDR Contact: 10/24/2016

Data Release Frequency: Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Disposal Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/28/2016

Date Data Arrived at EDR: 08/02/2016

Date Made Active in Reports: 08/16/2016

Number of Days to Update: 14

Source: Department of Natural Resources

Telephone: 404-362-2696

Source: Center for GIS, Georgia Institute of Technology

Telephone: 404-385-0900

Last EDR Contact: 11/04/2016

Next Scheduled EDR Contact: 02/13/2017

Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: List of Leaking Underground Storage Tanks

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/27/2016	Source: Environmental Protection Division
Date Data Arrived at EDR: 06/09/2016	Telephone: 404-362-2687
Date Made Active in Reports: 07/06/2016	Last EDR Contact: 12/16/2016
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015	Source: EPA Region 8
Date Data Arrived at EDR: 10/23/2015	Telephone: 303-312-6271
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 118	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015	Source: EPA Region 7
Date Data Arrived at EDR: 02/12/2016	Telephone: 913-551-7003
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 112	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/19/2016	Telephone: 214-665-6597
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 105	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016

Date Data Arrived at EDR: 04/27/2016

Date Made Active in Reports: 06/03/2016

Number of Days to Update: 37

Source: EPA, Region 5

Telephone: 312-886-7439

Last EDR Contact: 10/28/2016

Next Scheduled EDR Contact: 02/06/2017

Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016

Date Data Arrived at EDR: 04/27/2016

Date Made Active in Reports: 06/03/2016

Number of Days to Update: 37

Source: Environmental Protection Agency

Telephone: 415-972-3372

Last EDR Contact: 10/28/2016

Next Scheduled EDR Contact: 02/06/2017

Data Release Frequency: Quarterly

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010

Date Data Arrived at EDR: 02/16/2010

Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797

Last EDR Contact: 10/11/2016

Next Scheduled EDR Contact: 01/23/2017

Data Release Frequency: Varies

UST: Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/27/2016

Date Data Arrived at EDR: 06/09/2016

Date Made Active in Reports: 07/20/2016

Number of Days to Update: 41

Source: Environmental Protection Division

Telephone: 404-362-2687

Last EDR Contact: 12/16/2016

Next Scheduled EDR Contact: 03/27/2017

Data Release Frequency: Annually

AST: Above Ground Storage Tanks

A listing of LP gas tank site locations.

Date of Government Version: 06/04/2012

Date Data Arrived at EDR: 06/05/2012

Date Made Active in Reports: 06/14/2012

Number of Days to Update: 9

Source: Office of Insurance & Safety Fire Commissioner

Telephone: 404-656-5875

Last EDR Contact: 11/17/2016

Next Scheduled EDR Contact: 03/06/2017

Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 12/03/2015

Date Data Arrived at EDR: 02/04/2016

Date Made Active in Reports: 06/03/2016

Number of Days to Update: 120

Source: EPA Region 6

Telephone: 214-665-7591

Last EDR Contact: 10/28/2016

Next Scheduled EDR Contact: 02/06/2017

Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 119	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015	Source: EPA Region 5
Date Data Arrived at EDR: 11/13/2015	Telephone: 312-886-6136
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-9424
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 10/28/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Public Record List

Sites on the Public Record Listing that have institutional controls or limitations on use are sites with Risk Reduction Standards of 3, 4, and 5.

Date of Government Version: 09/20/2016	Source: Department of Natural Resources
Date Data Arrived at EDR: 11/08/2016	Telephone: 404-657-8600
Date Made Active in Reports: 11/22/2016	Last EDR Contact: 12/02/2016
Number of Days to Update: 14	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Varies

AUL: Uniform Environmental Covenants

A list of environmental covenants

Date of Government Version: 09/26/2016	Source: Department of Natural Resources
Date Data Arrived at EDR: 11/08/2016	Telephone: 404-657-8600
Date Made Active in Reports: 11/22/2016	Last EDR Contact: 11/08/2016
Number of Days to Update: 14	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/26/2016
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program site

Georgia's Voluntary Remediation Program Act was created to encourage voluntary investigation and remediation of contaminated properties.

Date of Government Version: 07/14/2016	Source: DNR
Date Data Arrived at EDR: 09/01/2016	Telephone: 404-657-8600
Date Made Active in Reports: 10/18/2016	Last EDR Contact: 11/29/2016
Number of Days to Update: 47	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Public Record List

The Brownfields Public Record lists properties where response actions under the Georgia Hazardous Site Reuse and Redevelopment Act are planned, ongoing or completed.

Date of Government Version: 09/20/2016
Date Data Arrived at EDR: 11/08/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 14

Source: Department of Natural Resources
Telephone: 404-657-8600
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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 takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/20/2016
Date Data Arrived at EDR: 09/21/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 51

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/20/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF: Historical Landfills

Landfills that were closed many years ago.

Date of Government Version: 01/15/2003
Date Data Arrived at EDR: 01/20/2004
Date Made Active in Reports: 02/06/2004
Number of Days to Update: 17

Source: Department of Natural Resources
Telephone: 404-362-2696
Last EDR Contact: 01/20/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

SWRCY: Recycling Center Listing

A listing of recycling facility locations.

Date of Government Version: 07/15/2016
Date Data Arrived at EDR: 07/19/2016
Date Made Active in Reports: 08/15/2016
Number of Days to Update: 27

Source: Department of Community Affairs
Telephone: 404-679-1598
Last EDR Contact: 10/11/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/04/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 08/31/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of clandestine drug lab site locations in the state.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 08/15/2016
Number of Days to Update: 63

Source: Georgia Bureau of Investigation
Telephone: 404-244-2639
Last EDR Contact: 12/09/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Varies

DEL SHWS: Delisted Hazardous Site Inventory Listing

A listing of sites delisted from the Hazardous Site Inventory.

Date of Government Version: 07/01/2016
Date Data Arrived at EDR: 07/05/2016
Date Made Active in Reports: 08/15/2016
Number of Days to Update: 41

Source: Department of Natural Resources
Telephone: 404-657-8636
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site 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. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/30/2016	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/06/2016	Telephone: 202-307-1000
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 11/29/2016
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/27/2016	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/28/2016	Telephone: 202-366-4555
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 09/27/2016
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Annually

SPILLS: Spills Information

Oil or Hazardous Material Spills or Releases.

Date of Government Version: 07/06/2016	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/08/2016	Telephone: 770-387-4900
Date Made Active in Reports: 08/15/2016	Last EDR Contact: 11/21/2016
Number of Days to Update: 38	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/04/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/11/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 12/08/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/17/2016
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/28/2016
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/12/2016
Date Data Arrived at EDR: 08/17/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 65

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/08/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/23/2016
Next Scheduled EDR Contact: 04/03/2017
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 11/18/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/20/2016
Date Data Arrived at EDR: 04/28/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 127

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/27/2016
Date Data Arrived at EDR: 08/05/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/11/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/17/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/17/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/06/2016
Next Scheduled EDR Contact: 03/20/2017
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/03/2016
Date Data Arrived at EDR: 10/05/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/05/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/02/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2016	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 08/01/2016	Telephone: Varies
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 09/26/2016
Number of Days to Update: 53	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013	Source: EPA/NTIS
Date Data Arrived at EDR: 02/24/2015	Telephone: 800-424-9346
Date Made Active in Reports: 09/30/2015	Last EDR Contact: 11/23/2016
Number of Days to Update: 218	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/21/2016	Source: Department of Energy
Date Data Arrived at EDR: 07/26/2016	Telephone: 202-586-3559
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 11/08/2016
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 09/09/2016
Number of Days to Update: 146	Next Scheduled EDR Contact: 12/05/2016
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/07/2016	Telephone: 703-603-8787
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 148	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 07/25/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 07/25/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2016
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/05/2016
Date Data Arrived at EDR: 09/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/01/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/02/2016
Next Scheduled EDR Contact: 03/13/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/15/2016	Source: EPA
Date Data Arrived at EDR: 09/07/2016	Telephone: (404) 562-9900
Date Made Active in Reports: 11/11/2016	Last EDR Contact: 12/06/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015	Source: Department of Defense
Date Data Arrived at EDR: 01/29/2016	Telephone: 571-373-0407
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 12/05/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2016	Telephone: 202-564-0527
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/28/2016
Number of Days to Update: 91	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

AIRS: Permitted Facility & Emissions Listing

A listing of permitted Air facilities and emissions data.

Date of Government Version: 12/31/2014	Source: Department of Natural Resources
Date Data Arrived at EDR: 02/26/2016	Telephone: 404-363-7000
Date Made Active in Reports: 04/11/2016	Last EDR Contact: 11/17/2016
Number of Days to Update: 45	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash landfills.

Date of Government Version: 08/01/2014	Source: Department of Natural Resources
Date Data Arrived at EDR: 08/05/2014	Telephone: 404-362-2537
Date Made Active in Reports: 09/02/2014	Last EDR Contact: 12/09/2016
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Database

A list of drycleaners in the state. The listing includes drycleaner facilities, that use perchloroethylene, that responded to the Notification of Compliance Status forms. It also includes those businesses that are pick-up stores only and do not conduct dry cleaning on site.

Date of Government Version: 12/22/2014	Source: Department of Natural Resources
Date Data Arrived at EDR: 12/23/2014	Telephone: 404-363-7000
Date Made Active in Reports: 01/27/2015	Last EDR Contact: 11/07/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities.

Date of Government Version: 05/27/2016	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/09/2016	Telephone: 404-362-4892
Date Made Active in Reports: 07/20/2016	Last EDR Contact: 12/16/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Annually

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information listing for solid waste facilities.

Date of Government Version: 09/12/2016	Source: Department of Natural Resources
Date Data Arrived at EDR: 09/13/2016	Telephone: 404-362-2537
Date Made Active in Reports: 10/18/2016	Last EDR Contact: 12/09/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Varies

NPDES: NPDES Wastewater Permit List

A listing of NPDES wastewater permits issued by the Watershed Protection Branch.

Date of Government Version: 04/01/2016	Source: Department of Natural Resources
Date Data Arrived at EDR: 05/11/2016	Telephone: 404-362-2680
Date Made Active in Reports: 07/20/2016	Last EDR Contact: 11/11/2016
Number of Days to Update: 70	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Varies

TIER 2: Tier 2 Data Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 08/29/2016	Telephone: 404-656-4852
Date Made Active in Reports: 10/18/2016	Last EDR Contact: 11/28/2016
Number of Days to Update: 50	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by 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 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.

Date of Government Version: 06/09/2016	Source: Department of Interior
Date Data Arrived at EDR: 06/13/2016	Telephone: 202-208-2609
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 12/09/2016
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2016	Source: EPA
Date Data Arrived at EDR: 08/23/2016	Telephone: 800-385-6164
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 11/22/2016
Number of Days to Update: 59	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/18/2016

Date Data Arrived at EDR: 09/20/2016

Date Made Active in Reports: 10/21/2016

Number of Days to Update: 31

Source: Environmental Protection Agency

Telephone: 202-564-2280

Last EDR Contact: 12/20/2016

Next Scheduled EDR Contact: 04/03/2017

Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Georgia.

Date of Government Version: N/A	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Georgia.

Date of Government Version: N/A	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Environmental Protection Division in Georgia.

Date of Government Version: N/A	Source: Environmental Protection Division
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/19/2013	Telephone: 860-424-3375
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 11/11/2016
Number of Days to Update: 45	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/31/2016	Telephone: N/A
Date Made Active in Reports: 12/12/2016	Last EDR Contact: 10/12/2016
Number of Days to Update: 103	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/03/2016
Date Made Active in Reports: 09/09/2016
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/02/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 07/22/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 123

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/12/2016
Next Scheduled EDR Contact: 03/27/2017
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Centers

Source: Department of Human Resources

Telephone: 404-651-5562

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Georgia GIS Clearinghouse

Telephone: 706-542-1581

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

TRACT 3
73 HIGHLANDS XING
PORT WENTWORTH, GA 31407

TARGET PROPERTY COORDINATES

Latitude (North):	32.171852 - 32° 10' 18.67"
Longitude (West):	81.22717 - 81° 13' 37.81"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	478582.2
UTM Y (Meters):	3559318.8
Elevation:	14 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	6046075 PORT WENTWORTH, GA
Version Date:	2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

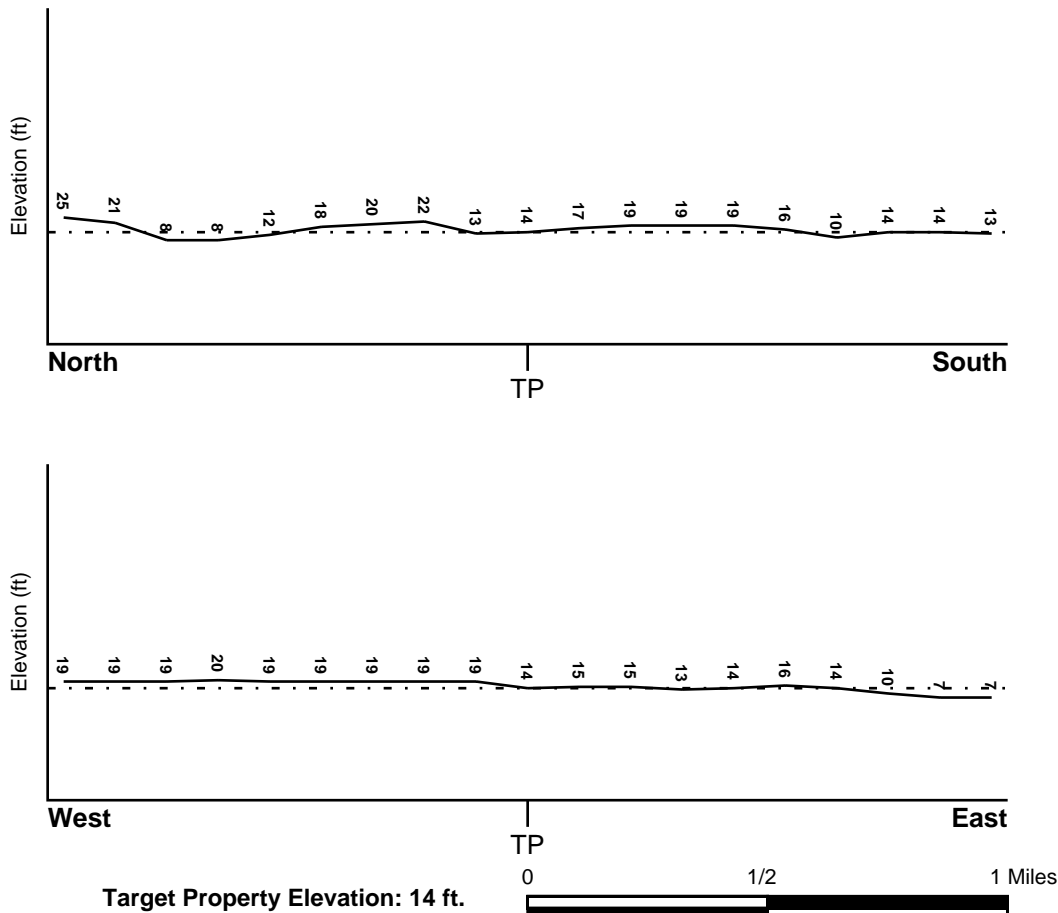
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
13051C0036G	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
13051C0040G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
PORT WENTWORTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u>	<u>GENERAL DIRECTION</u>
Not Reported	<u>FROM TP</u>	<u>GROUNDWATER FLOW</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Holocene
Code: Qh (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: ELLABELLE

Soil Surface Texture: loamy sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly. Soils are wet to the surface most of the time. Depth to water table is less than 1 foot, or is ponded.

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	27 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 5.50 Min: 4.50
2	27 inches	64 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50
3	64 inches	72 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 2.00 Min: 0.20	Max: 5.50 Min: 4.50

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: fine sand
loamy fine sand
loam

Surficial Soil Types: fine sand
loamy fine sand
loam

Shallow Soil Types: clay
sand

Deeper Soil Types: sandy clay

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 4818534.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Wildlife Areas

SITE NAME: Tract 3
 ADDRESS: 73 HIGHLANDS XING
 Port Wentworth GA 31407
 LAT/LONG: 32.171852 / 81.22717

CLIENT: Terracon, Inc.
 CONTACT: Courtney Hudson
 INQUIRY #: 4818534.2s
 DATE: January 03, 2017 3:04 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for CHATHAM County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 31407

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.700 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Georgia GIS Clearinghouse

Telephone: 706-542-1581

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Georgia Public Supply Wells

Source: Georgia Department of Community Affairs

Telephone: 404-894-0127

USGS Georgia Water Wells

Source: USGS, Georgia District Office

Telephone: 770-903-9100

DNR Managed Lands

Source: Department of Natural Resources

Telephone: 706-557-3032

This dataset provides 1:24,000-scale data depicting boundaries of land parcels making up the public lands managed by the Georgia Department of Natural Resources (GDNR). It includes polygon representations of State Parks, State Historic Parks, State Conservation Parks, State Historic Sites, Wildlife Management Areas, Public Fishing Areas, Fish Hatcheries, Natural Areas and other specially-designated areas. The data were collected and located by the Georgia Department of Natural Resources. Boundaries were digitized from survey plats or other information.

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX F

Credentials

COURTNEY E. HUDSON

FIELD ENVIRONMENTAL SCIENTIST

PROFESSIONAL EXPERIENCE

Ms. Hudson is a Field Environmental Scientist in Terracon Savannah, Georgia office. Ms. Hudson's experience includes Phase I ESAs, Phase II ESAs, and waste water monitoring and sampling assessments for commercial, retail, residential and industrial and undeveloped properties through site reconnaissance to final report preparation.

PROJECT EXPERIENCE

Ms. Hudson has performed numerous ESA projects for a varied client base including lending institutions, insurance companies, law firms, and private entities using American Society for Testing and Materials (ASTM) and client-specific due diligence guidelines.

Example properties assessed include due diligence assessments at sites ranging from urban environments to rural areas in Georgia and Texas on a variety of facilities including: fast food chain restaurants, retail and banking institutions, small to large residential properties, parks and recreational properties, and undeveloped land parcels. Representative projects include:

- § **Athens Hampton Inn- Phase I and II ESAs**, Athens, Georgia
- § **6510 Waters Avenue Phase I and II ESAs**, Savannah, Georgia
- § **Chili's Grill and Bar Phase I ESA**, Savannah, Georgia
- § **Memorial Health Phase I ESA**, Savannah, Georgia
- § **Post Oak Apartments Phase I ESA**- Houston, Texas
- § **Proposed Elementary School Phase I ESA**- Houston, Texas
- § **RacTrac Gasoline Station Phase I ESA**- Houston, Texas

Education

Bachelor of Science in Environmental Health, 12/2012, Western Carolina University

Affiliations

American Society of Safety Engineers

Certifications

40-Hour HAZWOPER

Work History

Terracon, Field Environmental Scientist, 2/2013

United States Public Health Service, Commissioned Officer Student Training and Externship Program (JRCOSTEP) White Mountain Apache Indian Reservation, AZ May-August 2012

STEWART A. DIXON, P.G.

ENVIRONMENTAL SERVICES DEPARTMENT MANAGER / SENIOR GEOLOGIST

PROFESSIONAL EXPERIENCE

Mr. Dixon is Environmental Services Department Manager in Terracon's Savannah, Georgia office. Mr. Dixon's experience includes Phase I ESAs, Phase II ESAs, geologic and hydrogeologic investigations conducted for water supply wells and mining projects, water well rehabilitation projects, borehole geophysical investigations, aquifer performance and water quality projects; site-specific and regional aquifer assessments; landfill groundwater, surface water, leachate, and methane investigation and remediation design; groundwater and methane monitoring plan development; underground storage tank closure and corrective action investigations; and Hazardous Site Response Act (State Superfund) site investigations.

SITE ASSESSMENT EXPERIENCE

Project Geologist for various site investigation and environmental consulting services related to industrial property redevelopment. Responsible for conducting Phase I ESAs, Phase II ESAs, development of health and safety plans, soil and groundwater sampling, performance of environmental risk assessments, performance of soil and groundwater remediation design and installation, development of contractor specifications and bid documents, provided contractor oversight, and responsible for site closure and engineering reports. Representative projects included:

- **CSX Hutchinson Island**, Savannah, Georgia
- **Tronox Facility**, Savannah, Georgia
- **Gadsden Elementary School**, Savannah, Georgia
- **Tybee Police Department Site**, Tybee Island, Georgia
- **GPA Brampton Road Site**, Savannah, Georgia
- **Northern Beaufort Bypass**, Beaufort, South Carolina
- **Gadsden Elementary School**, Savannah, Georgia
- **Oglethorpe Elementary School**, Savannah, Georgia

ENVIRONMENTAL SITE ASSESSMENTS EXPERIENCE

Project Manager for numerous ESA projects for a varied client base including lending institutions, insurance companies, law firms, and private industrial entities using American Society for Testing and Materials (ASTM) and client-specific due diligence guidelines.

Example properties assessed include due diligence assessments at sites ranging from urban environments to rural areas in southern Georgia on a wide variety of facilities including: former bulk petroleum storage and distribution facilities; turn-of-the century mills and factories; industrial steel production facilities; automotive dealerships with large-scale repair facilities, automotive and equipment service and fueling facilities; full-service dry cleaning facilities; electroplating facilities; textile manufacturing and painting facilities; large warehousing and distribution centers; telecommunications tower sites; hospitals; and large land parcels. Representative projects include:

Education

*Master of Science, Earth Science,
Montana State University, 2002*

*Bachelor of Science, Geology,
Georgia Southern University, 1996*

Registrations

*Professional Geologist:
Alabama, No. PG1249
Florida, No. PG2347
Georgia, No. PG1682
South Carolina, No. GEO2547*

Certifications

40-Hour HAZWOPER

*U.S. Army Corps of Engineers
Construction Quality Management
for Contractors, NAB041306009,
November 2012*

Affiliations

National Ground Water Association

Geological Society of America

*American Institute of Professional
Geologists*

Work History

*Terracon Consultants, Inc.,
Environmental Department
Manager, 2014-Present*

*Terracon Consultants, Inc., Project
Geologist, 2010-2013*

*GIC Water Systems, LLC,
Hydrogeologist, 2002-2010*

*WPC, Inc., Staff Geologist, 2002-
2002*

*S&ME, Inc., Staff Professional,
1999-2002*

*Montana State University, Research
Assistant, 1997-1999*

- **Tampa Bay Training Facility**, Tampa, Florida
- **Melrose and Bloody Point Plantations**, Daufuskie Island, South Carolina
- **Rose of Sharon Apartments Phase I ESA**, Savannah, Georgia
- **Atlantic South Bank Phase I ESA**, Dublin, Georgia
- **West Point Mills**, Columbus, Georgia
- **Coleman Tract (2,125 acres) Phase I ESA**, Dublin, Georgia
- **Bailey Mill Tract (1,500 acres)**, Ridgeland, South Carolina

SOIL AND GROUNDWATER EXPERIENCE

Project Geologist, multiple sites throughout Georgia. Responsible for conducting soil and groundwater assessments, determining risk-based remediation goals for soil and groundwater related to contamination required under the Georgia Hazardous Site Response Act. Preparation of Compliance Status Reports (CSRs) and Corrective Action Plans (CAPs) to include design and installation of soil and groundwater remediation systems. Representative projects include:

- **Tronox Facility**, Savannah, Georgia
- **Southeastern Family Homes**, Savannah, Georgia
- **Center for Disease Control (Oatland Island)**, Savannah, Georgia
- **Colonial Terminals Plant I**, Savannah, Georgia
- **Gadsden Elementary School**, Savannah, Georgia
- **Roger Wood Foods**, Savannah, Georgia
- **Martha's Dry Cleaners**, Savannah, Georgia

SOLID WASTE EXPERIENCE

Project Geologist for various solid waste landfills in Georgia. Responsible for methane and groundwater monitoring plans, installation of methane and groundwater monitoring wells, design of methane and groundwater remediation systems, installation of methane and groundwater remediation systems, and landfill cap inspections. Additional responsibilities include preparation of Assessment of Corrective Measures Studies (ACMS) and Corrective Action Plans for addressing contamination present in compliance monitoring wells on an as needed basis. Representative projects include:

- **Berrien County Landfill**, Berrien County, Georgia
- **Camden County Landfills**, Camden County, Georgia
- **Toombs County Landfills**, Toombs County, Georgia
- **Chatham County Landfills**, Chatham County, Georgia
- **Superior Landfill**, Chatham County, Georgia
- **Tronox Deptford Tract Landfill Cap Inspection**, Chatham County, Savannah

DEBRIS REMOVAL AND MONITORING EXPERIENCE

Project Geologist for multiple environmental projects related to debris removal and monitoring services. Services have included environmental sampling and analysis, type of debris investigations, laboratory data evaluation, disposal alternative evaluation and development of recommendations for disposal, debris type separation activities, contractor oversight and reporting. Representative projects include:

- **East Coast Terminals**, Savannah, Georgia
- **CAT Maintenance Re-development**, Chatham County, Savannah, Georgia

SEDIMENT/DREDGING EXPERIENCE

Project Geologist for multiple sites where sediment sampling, analysis, evaluation and reporting was conducted prior to sediment dredging. Responsible for development of Sampling and Analysis Plans, vibro-

core sampling, grab sample sampling, soil boring split-spoon sampling, chemical, physical and elutriate analysis, data evaluation, confined disposal facility (CDF) evaluation, modeling and design. Representative projects include:

- **Georgia Ports Authority Berth 8**, Garden City, Georgia
- **Elba Island**, Savannah, Georgia
- **National Gypsum**, Wilmington, North Carolina
- **Hutchinson Island CDF**, Savannah, Georgia

HYDROGEOLOGY

Mr. Dixon has been involved in the geologic and hydrogeologic investigation, design, testing, and construction management of numerous large diameter, high capacity water wells of various completion types (open hole vs. screened), drilling methods (Reverse Circulation, Straight Rotary, Cable Tool, Dual Rotary, and Augers), and uses in many different geological settings (Georgia, Florida, South Carolina, Pennsylvania, North Carolina, Nebraska, Iowa, Missouri and Washington). The majority of the large-diameter, high-capacity water wells completed or designed by Mr. Dixon were drilled using the Reverse Circulation rotary method.

Mr. Dixon has also provided quality control management for multiple well construction projects to ensure compliance with project plans and specifications and applicable government standards. The work included the verification of the quality of the drilling, installation and testing techniques, materials, and equipment used in the project. His duties included completion of daily quality control reports, completion of material and equipment inspections, testing activities (borehole deviation control, plumbness / alignment and well production), construction monitoring, and corrective action.

Typical water well projects include water well field exploration, geophysical logging and analysis, design, testing, and rehabilitation for municipal, industrial, agricultural water supply and pressure relief wells, as well as geothermal well applications.

Hydrogeologist responsible for geologic and hydrogeologic investigations conducted for water supply wells, well rehabilitation projects, borehole geophysical investigations, and aquifer test projects in South Carolina, Georgia, and Florida. Typical projects include well rehabilitation, aquifer testing, water quality sampling and well / borehole geophysical and video surveys. Representative projects include the following:

- **Missouri River Levee Relief Well Repairs** – Iowa, Missouri, and Nebraska
- **Allendale Biomass Power Plant Project** – Allendale County, South Carolina
- **Dorchester Biomass Power Plant Project** – Dorchester County, South Carolina
- **Wyoming Valley Levee Project** – Luzerne County, Pennsylvania
- **Geothermal Well System for the Warrior in Transition Administrative Facilities and Soldier Family Assistance Center** – Joint Base Lewis McChord, Tacoma, Washington
- **Water Well Reconstruction** – Town of Thunderbolt, Georgia
- **Makeup Water Wells MU-3 and MU-4, Vogtle Electric Generating Plant Nuclear Reactor Expansion Project** – Burke County, Georgia
- **Fire Training and Operation Training Facilities, Vogtle Electric Generating Plant Nuclear Reactor Expansion Project** – Burke County,

GEOPHYSICAL LOGGING EXPERIENCE

Hydrogeologist / Geophysicist responsible for the supervision and completion of borehole geophysical logging projects throughout South Carolina, North Carolina, Georgia, and Florida. Exploration, production, and forensic geophysical logging projects to determine the formation and aquifer parameters. Representative geophysical logging projects are listed below:

- **New Municipal Production Wells**
 - Plant City Well # 10, Plant City, Florida

- Hernando County – Gretna Road Wells 36 and 37, Brooksville, Florida
- Lake Worth Well # 9 Replacement, Lake Worth, Florida
- Bottled Water Client – numerous locations throughout Florida
- Eastern Water Plant Wells 1 and 2, Eustis, Florida
- City of Brooksville, Florida – Test production Well # 1
- Gopher Utilities Test Well – Kitty Hawk, North Carolina
- Two Rivers Farms – Eastover, South Carolina
- Seminole County Aquifer Storage and Recovery Well project – ASR production well, confining zone monitoring well, and storage zone monitoring well.
- City of Sanford Aquifer Storage and Recover Well project – ASR production well, confining zone monitoring well, and storage zone monitoring well.
- Ocala Springs Test Well – Reddick, Florida
- St. John's County Utilities
 - Production Logging – Wells 44, 45, 46, and 47
 - Forensic Logging – Wells 41 and 42
- Villages of Lake Sumter, Florida
 - Potable Wells - NSU-3, 4, 5, and 6
 - Irrigation Wells – 3, 4, 7, and 9
- Vogtle Electric Generation Plant, Units 3 and 4 Nuclear Reactor Expansion Project
 - Makeup Water Wells – MU-3 and MU-4
 - Operations Training Facility – New non-potable water well
 - Fire Training Facility – potable water well
- Mining Project Client, Cross, South Carolina
 - Test production well
- Super Fund Site – Gainesville, Florida
- **Existing Municipal Production Wells**
 - City of Valdosta, Georgia – Guest Rd Well Field Well No. 3 and Well No. 4
 - City of Thunderbolt, Georgia – Well No. 2
 - City of Groveland, Florida
 - Central Sumter Utilities, The Villages, Florida

AQUIFER TESTING EXPERIENCE

Hydrogeologist responsible for aquifer performance tests several new municipal water wells. Responsibilities include installation of testing equipment, performance of step-drawdown and constant rate aquifer performance tests, down well video survey, and borehole geophysical surveys. Representative projects include:

- **Plant City Well # 10**, Plant City, Florida
- **Hernando County – Gretna Road Wells 36 and 37**, Brooksville, Florida
- **Lake Worth Well # 9 Replacement**, Lake Worth, Florida
- **Bottled Water Client** – numerous locations throughout Florida
- **Eastern Water Plant Wells 1 and 2**, Eustis, Florida
- **City of Aiken**, South Carolina
- **Villages of Lake Sumter**, The Villages, Florida
 - Potable Wells - NSU-3, 4, 5, and 6
 - Irrigation Wells – 3, 4, 7, and 9

BOREHOLE PACKER TESTING EXPERIENCE

Hydrogeologist responsible for borehole testing using inflatable packers for water quality and quantity testing at several new municipal water wells and existing water wells in Georgia and Florida. Responsibilities include installation of down hole inflatable packer and testing equipment, performance of step-drawdown and constant rate aquifer performance tests, collection of water quality samples, and down well video surveys during testing. Representative projects include:

- **Marion County Utilities, Marion County, Florida**, Water Plant G – Well 2 (2009)
 - Packer setting depth – 145 feet

- Packer Size at setting depth – 24 inches
- Pumping rate during packer test – 1900 gpm
- **Little Sumter Utilities, The Villages, Florida, LSU Well #9 (Polo Field Well) (2009)**
 - Packer setting depths – Multiple depth to 180 feet
 - Packer Size at setting depth – 16 inches
 - Pumping rate during packer tests – 2100 gpm
- **Bottled Water Client, Zephyrhills, Florida, Multiple wells (2006)**
 - Packer setting depth – Multiple setting depths to 450 feet
 - Packer Size at setting depth – 16 inches
 - Pumping rate during packer tests – 1500 gpm
- **J B Ranch Development, Ocala, Florida, Well # 1 (2006)**
 - Packer setting depth – Multiple depths to 235 feet
 - Packer Size at setting depth – 14 inches
 - Pumping rate during packer tests – 250 gpm
- **City of Tennille, Georgia, Multiple Wells (2008 and 2009)**
 - Packer setting depth – Multiple depths to 800 feet
 - Packer Size at setting depth – 16 inches
 - Pumping rate during packer tests – 400 gpm
- **City of Valdosta, Well # 4 (2011)**
 - Packer setting depth – 340 feet and 295 feet
 - Packer Size at setting depth – 21 inches
 - Pumping rate during packer tests – 1600 gpm

PRESENTATIONS / PUBLISHED ARTICLES

Dixon, Stewart A., 2005, **Water Well Rehabilitation using AirBurst® Technology: Southwest Florida Water Management District Water Well Contractors Continuing Education Seminar, September 24, 2005, Brooksville, Florida**

Dixon, Stewart A., 2005, Borehole Geophysical and Water Well Video Survey Techniques: Southwest Florida Water Management District Water Well Contractors Continuing Education Seminar, March 5, 2005, The Villages, Florida

Dixon, Stewart A., and Custer, Stephan G., 2002, Driller Specific Capacity as a Measure of Aquifer Transmissivity and a Test of the Hydrogeologic Units in the Gallatin Local Water Quality District, Gallatin County, Montana: Geological Society of America Abstracts with Program, 2002 Annual Meeting.

Dixon, Stewart A., 2002, Driller Specific Capacity as a Measure of Aquifer Transmissivity and a Test of the Hydrogeologic Units in the Gallatin Local Water Quality District, Gallatin County, Montana [Master's Thesis]: Bozeman, Montana State University, 127 pages.

Custer, Steve; Christner, William; **Dixon, Stewart**; Wright, Andrea; Burton, Gretchen; Snyder, Robert; Aspinall, Richard; Rupp, Gretchen; and Roark, Tim; 2000, Spatial Data for Septic Assessment-Local Water Quality District, Gallatin County, Montana:
<http://mapserver.giac.montana.edu/maps/319a/lwqdsepx.html>

Custer, Stephan G., and **Dixon, Stewart A.**, 1999, Electronic Hydrogeologic and Surficial Geologic Maps Provide Data for Data for the Local Water Quality District, Gallatin County, Montana: Abstracts with Programs, Geological Society of America, Rocky Mountain Section Meeting, Pocatello, Idaho.

Custer, Stephan G., Wright, Andrea B., and **Dixon, Stewart A.**, 1998, Well and Septic System Location from

Existing Databases-Where is as Important as What: Abstracts with Programs, AWRA-Montana
Section Meeting, Helena, Montana.

Additional Training

Borehole Geophysical Methods Training Course, May 14 – 16, 2007, Robertson Geologging (USA) Company, Cypress, Texas

Borehole Geophysical Methods Training Course: Basic Logging Theory, OPTV and HIRAT Processing, Equipment Maintenance, and Troubleshooting, May 8 - 17, 2006, Robertson Geologging Company, Deganwy, Wales, United Kingdom

Borehole Geophysical Methods Training Course, 2005, Robertson Geologging (USA) Company, Cypress, Texas

Understanding Contaminated Harbor and River Sediment – Analysis and Interpretation, June, 2001, University of Wisconsin-Madison, Department of Engineering Professional Development, Berkeley, California

Introduction to Stream Restoration Using Natural Channel Design Techniques, 2001, Clemson University, Department of Forest Resources and Clemson University Cooperative Extension Service, Clemson, South Carolina

The MODFLOW Course – Theory and Practical Applications in Natural Attenuation, Remediation Design, and Water Resource Management, 2001 National Ground Water Association, Orlando, Florida

U.S. Army Corps of Engineers and Naval Facility Engineering Command Training Course: Construction Quality Management of Contractors - #784, November 29, 2012, Arlington, Virginia. Certificate Number NAB041306009

APPENDIX G

Description of Terms and Acronyms

Description of Selected General Terms and Acronyms

<i>Term/Acronym</i>	<i>Description</i>
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	Above Ground 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
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. A recognized environmental condition resulting from a past release that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

Description of Selected General Terms and Acronyms (cont.)

Term/Acronym	Description
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
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. An environmental condition which in the past would have been considered a recognized environmental condition, but has since been addressed to the satisfaction of the applicable regulatory authority or meets unrestricted use criteria, without subjecting the site to required controls.
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	National Priorities List, as more particularly described under the Records Review section of this report.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act

Description of Selected General Terms and Acronyms (cont.)

<i>Term/Acronym</i>	<i>Description</i>
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.
Ci/l	Pico Curies 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 Pico Curies 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 list is part of the RCRIS database maintained by EPA and lists facilities that generate hazardous waste as part of their normal business operations, as more particularly defined under Section 4.1 of this report.
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 E1527-13 as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions of compliance with laws. The term is not intended to include <i>de minimis</i> conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."
SCL	State "CERCLIS" List (see SPL/State Priority List, below).

Description of Selected General Terms and Acronyms (cont.)

<i>Term/Acronym</i>	<i>Description</i>
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 cleanup activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small Quantity Generator.
SWF	Solid Waste Facility
TPH	Total Petroleum Hydrocarbons
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 E1527-13, 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	Voluntary Cleanup Program
VOC	Volatile Organic Compound
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, sand flats, 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>