

Phase I Environmental Site Assessment

20 Acres of Undeveloped Land

1200 Gresham Mill Parkway

Canton, Cherokee County, Georgia

May 25, 2017

Terracon Project No. 49177300



Prepared for:

Alliance Residential Company
Atlanta, Georgia

Prepared by:

Terracon Consultants, Inc.
Lawrenceville, Georgia

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



May 25, 2017

Alliance Residential Company
3715 Northside Parkway, Suite 1-102
Atlanta, Georgia 30327
Atten: Ms. Kim Bucklew
Tel: 404-923-8102
Email: kbucklew@allresco.com
c/o
Locke Lord
2200 Ross Avenue, Suite 2200
Dallas, Texas 75201

Re: Phase I Environmental Site Assessment
20 Acres of Undeveloped Land
1200 Gresham Mill Parkway
Canton, Cherokee County, Georgia
Terracon Project No. 49177300

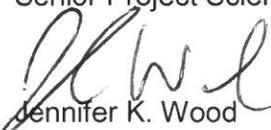
Dear Ms. Bucklew:

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 Proposal Number P49177300, dated April 17, 2017.

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

Sincerely,
Terracon Consultants, Inc.


John A. Meadow
Senior Project Scientist


Jennifer K. Wood
Staff Environmental Scientist


Conor E. Dowling
Senior Project Scientist

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EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was performed in accordance with Proposal Number P49177300, dated April 17, 2017, and was conducted consistent with the procedures included in ASTM International (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 John A. Meadow, Environmental Professional. Mr. Meadow performed the site reconnaissance on April 18, 2017.

Findings

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

Site Description and Use

According to the Topographic Survey (Cherokee Aquatic Center Overall) as provided by the client, the site consists of Land Lots 636, 637, 660 and 661 of the 15th District, 2nd Section of Holly Springs (Canton) in Cherokee County, Georgia totaling approximately 37.86 acres (approximately 20 acres will be subdivided from the larger parcel) of wooded undeveloped land (rolling terrain) located at 1200 Gresham Mill Parkway.

Historical Information

Based on a review of the available historical information, the site generally consisted of wooded undeveloped land from at least 1938 until the early-1990s when an apparent sewer easement traverses the site north to south. Properties surrounding the site have generally consisted of a mixture of wooded land and developed to the east with I-575 and to the west with Gresham Mill Parkway in 1988.

Records Review

The site is not listed in the environmental regulatory database report. Numerous facilities are listed in the environmental regulatory database report; however, based on distance and/or topographic gradient relative to the site, the listed facilities do not constitute recognized environmental conditions (RECs) associated with the site. One orphan (unplottable) facility is listed in the report; however, it is not located at or adjacent to the site.

Site Reconnaissance

The site generally consists of wooded undeveloped land on rolling terrain. Evidence of RECs were not identified associated with the site.

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Adjoining Properties

Properties located north of the site consist of wooded land followed by a concrete foundation; I-575 is located to the east; wooded land is located to the south; and, Gresham Mill Parkway, the Cherokee County Aquatic Center, and wooded land is located to the west. No evidence of RECs originating from current adjoining property operations were identified.

Opinions and Conclusions

We have performed this ESA consistent with the procedures included in ASTM International Practice E 1527-13 at 1200 Gresham Mill Parkway in Canton, Cherokee County, Georgia (site). Terracon did not identify RECs, controlled RECs (CRECs) or historical RECs (HRECs) associated with the site. As such, no additional investigation of the site is warranted at this time.

1.0 INTRODUCTION

1.1 Site Description

Site Name	20 Acres of Wooded Undeveloped Land
Site Location/Address	1200 Gresham Mill Parkway, Canton, Cherokee County, GA
Land Area	Approximately 20 of wooded undeveloped land on rolling terrain
Site Improvements	None

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

1.2 Scope of Services

This Phase I Environmental Site Assessment (ESA) was performed in accordance with Proposal Number P49177300, dated April 17, 2017, and was conducted consistent with the procedures included in ASTM International (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) 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, 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 an 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.

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,

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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 Alliance Residential Company (client) and Locke Lord LLP (counsel for 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 for Services. The limitation of liability defined in the Agreement for Services is the aggregate limit of Terracon's liability to the client and all relying parties.

Continued viability of this report is subject to ASTM International 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 International E1527-13.

1.6 Client Provided Information

Prior to the site visit, the client was asked to provide the following user questionnaire information as described in ASTM International E1527-13 Section 6. Terracon understands that the client is considering a potential acquisition of the site.

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 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

Terracon's consideration of the client-provided information did not identify RECs associated with the site. A copy of the questionnaire is included in Appendix G.

2.0 PHYSICAL SETTING

Physical Setting Information		Source
Topography (Refer to Appendix A for an excerpt of the Topographic Map)		
Site Elevation	Ranges between approximately 1,000 feet National Geodetic Vertical Datum (NGVD) in the central portion of the site to approximately 900 feet NGVD in the western portion of the site	USGS Topographic Map, South Canton, Georgia Quadrangle, dated 1997
Surface Runoff/ Topographic Gradient	Generally toward the north in the northern portion of the site and toward the west-southwest in the southern portion of the site	
Closest Surface Water	A tributary of Little River traverses the site northeast to southwest.	
Soil Characteristics		
Soil Type	Tallapoosa gravelly sandy clay and Madison gravelly sandy clay	Environmental Data Resources, Inc. (EDR) Geocheck – Physical Setting Source Summary
Description	Class D - Soils with high runoff potential when thoroughly wet. Water movement through the soil is restricted Class B – Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.	
Geology/Hydrogeology		
Era, System, Series	Precambrian, Precambrian, paragneiss and schist	EDR Geocheck – Physical Setting Source Summary
Category	Metamorphic Rocks	
Estimated Depth to First Occurrence of Groundwater	Greater than approximately 20 feet below grade surface (bgs) across the majority of the site, with the exception of the stream traverse.	USGS Topographic Map, South Canton, Georgia Quadrangle, dated 1997
*Hydrogeologic Gradient	Not known - may be inferred to be parallel to topographic gradient (primarily to the southwest).	

* 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 can only be estimated.

3.0 HISTORICAL USE INFORMATION

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

3.1 Historical Topographic Maps, Aerial Photographs, Sanborn Maps

Readily available historical USGS topographic maps and selected historical aerial photographs (at approximately 10 to 15 year intervals) were reviewed to evaluate land development and obtain information concerning the history of development on and near the site. Reviewed historical topographic maps and aerial photographs are summarized below. According to the database provider, historical fire insurance maps produced by the Sanborn Map Company are not available.

- Topographic maps: Cartersville, Georgia: 1896, 1890, 1891 (1:125,000);
 Acworth, Georgia: 1907, 1909, (1:62,500)
 Canton, Georgia: 1961, 1968, 1985, 1993, 1999, 2014 (1:24,000)
- Aerial photographs: 1938, 1949, 1955, 1960, 1968, 1978, 1981, 1988, 1993, 2005, 2006, 2007, 2009, 2010 (1"=500').

Historical Topographic Maps and Aerial Photographs

Direction	Description
Site	Wooded undeveloped land on rolling terrain (1938-1988); wooded undeveloped land on rolling terrain with a sewer easement depicted traversing the center of the site from north to south (1993-2007)
North	Wooded undeveloped land (1939-1981); wooded undeveloped land and Gresham Mill Parkway (1988-2007)
East	Wooded undeveloped land (139-1978); I-575 is depicted as under construction (1981); wooded buffer followed by operational I-575 (1988-2010)
South	Wooded undeveloped land (1939-1978); wooded undeveloped land and I-575 under construction along the southeast quadrant (1981); wooded undeveloped land and operational I-575 along the southeast quadrant (1988-2010)
West	Wooded undeveloped land (1939-2010)

Evidence of RECs associated with the site was not identified during a review of the above-referenced historical aeriels.

3.2 Historical City Directories

The historical city directories used in this study were made available through ERIS (selected years reviewed: 1967-2013) and were reviewed at approximate five-year intervals, if readily available.

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According to the client-provided information, the address for the site is 1200 Gresham Mill Parkway

No listings for the site address were reported with the exception of New South Construction in 2013. A copy of the available city directory listings is provided in Appendix C of this report.

3.3 Site Ownership

Based on a review of information obtained from the Cherokee County Tax Assessor, the current site owner is Cherokee County Government. No information regarding previous site owners is available.

3.4 Title Search

Terracon reviewed a Title Search Report issued by AFX Reasearch (AFX), LLC with an effective date of May 22, 2017. According to the provided title documents, the site is currently owned by Cherokee County, GA by virtue of Warranty Deed from MBC Partners LP.

3.5 Environmental Liens and Activity and Use Limitations (AULs)

No environmental liens or AUL records are identified in connection with the site in the provided title documents.

While not requested by the client, the ERIS regulatory database report included a review of both Federal and State Engineering Control (EC) and Institutional Control (IC) databases. Based on a review of the database report, the site is not listed on the EC or IC databases.

3.6 Interviews Regarding Current and Historical Site Uses

The following individuals were interviewed regarding the current and historical use of the site.

Interviewees

Interviewer	Interviewee/Phone #	Title	Date/Time
Ms. Jennifer K. Wood	Mr. Jerry Cooper	County Manager	May 18, 2017

Mr. Cooper provided the following information:

- Cherokee County has owned for approximately 7 years.
- The site has remained undeveloped.
- He is not aware of any spills or releases of hazardous substances or petroleum products at the site.
- He is not aware of environmental concerns associated with the site.

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- He is not aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site.

3.7 Prior Report Review

No previous environmental and/or geotechnical reports completed for the site were available for Terracon's review.

4.0 RECORDS REVIEW

Regulatory database information was provided by ERIS, 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 can only be estimated.

4.1 Federal and State/Tribal Databases

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

Federal and State Databases

Database	Description	Radius (miles)	Listings
Federal			
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	0
NPL (Delisted)	The NPL (Delisted) refers to facilities that have been removed from the NPL.	0.5	0
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

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Database	Description	Radius (miles)	Listings
Federal			
CERCLIS/NFRAP	CERCLIS/NFRAP refers to facilities that have been removed and archived from EPA's inventory of CERCLA sites.	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	0
RCRA Non-CORRACTS/TSD	A compilation by the USEPA of facilities which report storage, 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
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.	Site and adjoining	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
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

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Database	Description	Radius (miles)	Listings
State/Tribal			
SHWS	The Georgia Environmental Protection Division (GEPD) identifies state equivalent CERCLIS Hazardous Site Inventory (HSI) where there has been a known or suspected release of a regulated substance above a reportable quantity and which have yet to show they meet state clean-up standards found in the Rules for Hazardous Site Response.	1.0	0
GA Non-HSI	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.	1.0	1
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	1
LUST	State and/or Tribal database of leaking underground storage tanks in State of Georgia.	0.5	1
UST/AST	State and/or Tribal database of registered storage tanks in the State of Georgia which may include the owner and location of the tanks.	Site and adjoining	0
IC/EC	State and/or Tribal equivalent to the Federal IC / EC database list.	Site	0
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.	0.5	0
Brownfields	State and/or tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.	0.5	0

The site is not listed in the environmental regulatory database report. 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. One orphan (unplottable) facility is listed in the report; however, it is not located at or adjacent to the site.

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

Listed Facilities

Facility Name And Location	Estimated Distance / Direction/Gradient	Database Listings	Is a REC, CREC, or HREC to the Site
Cherokee County Cycle Works 601 North Rope Mill Road Canton, Georgia	Approximately 425 feet / east down-gradient	SWF/LF	No, based on distance and gradient
Group Realty, LLC 1000 Transant Parkway Canton, Georgia	Approximately 530 feet / north / cross-gradient	GA Non-HSI	No, based on distance and gradient (discussed below)
Little River Lift Station 110A Santa Anita Trail Woodstock, Georgia	Approximately 2,000 feet / southwest / down-gradient	UST/LUST	No, based on distance and gradient

Group Realty, LLC

The property located approximately 530 feet north and topographically cross-gradient of the site listed in the environmental regulatory database as a Georgia non-hazardous site inventory (GA Non-HSI) facility. According the reviewed files, a Release Notification (RN) was submitted to the GEPD in December 1998 as a result of arsenic, phenanthrene, methylene chloride, trichloroethane, and dichloroethane releases to soil. GEPD evaluated the RN; and, based on the results of the Reportable Quantities Screening Method (RQSM) scoring process, GEPD determined that a release exceeding a reportable quantity had occurred and subsequently recommended remediation. Soil remediation was conducted in January 1999. Additionally in 2000, a memorandum from the GEPD recommended the property be listed on the non-hazardous site inventory (Non-HSI) based on the compliant inspection and managed cleanup. Based on distance and the status of the facility, the Group realty Property does not constitute a REC associated with the site.

4.2 Local Agency Inquiries

Agency Contacted/Contact Method	Response
Cherokee County Environmental Health Department (CCEHD) (770) 479-0444	Terracon (Ms. Jennifer K. Wood) contacted LCEH via telephone on May 18, 2017 for information associated with the site that may indicate potential environmental concern. According to Ms. Jennifer Shaffer, the site is connected to the sanitary sewer system.
Cherokee County Fire Marshall Office (CCFMO) Online Open Records Request	Terracon (Ms. Jennifer K. Wood) submitted an open records request to the CCFMO on May 18, 2017 via Cherokee County website in regards to any records and/or fire department responses associated with the site which may indicate environmental concern. According to Ms. Heather Padgett, there are no records of environmental concern associated with the site.

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. Exhibit 2 in Appendix A is a Site 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 E.

General Site Information

Site Reconnaissance	
Field Personnel	Mr. John Meadow
Reconnaissance Date	April 18, 2017
Weather Conditions	80° and sunny
Site Contact/Title	Mr. Jerry Cooper / County Manager
Site Utilities	
Drinking Water	Municipally available
Wastewater	

5.2 Overview of Current Site Occupants

The site currently consists of wooded undeveloped land on rolling terrain with no improvements or on-going operations or occupants.

5.3 Overview of Current Site Operations

The site currently consists of wooded undeveloped land on rolling terrain with no improvements or on-going operations.

5.4 Site Observations

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

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	
	Pesticide/herbicide production or storage	
	Printing operations	
	Metal finishing (e.g., electroplating, chrome plating, galvanizing, etc.)	
	Salvage operations	
	Oil, gas or mineral production	
Other processes or equipment		
Aboveground Chemical or Waste Storage	Aboveground storage tanks	
	Drums, barrels and/or containers ≥ 5 gallons	
	Materials Safety Data Sheet (MSDS) or SDS	
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	

Category	Item or Feature	Observed or Identified
Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	
	Leachate and/or waste seeps	
	Trash, debris and/or other waste materials	
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	
	Surface water discoloration, odor, sheen, and/or free floating product	
	Strong, pungent or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
Other Notable Site Features	Surface water bodies	
	Quarries or pits	
	Wastewater lagoons	
	Wells	

6.0 ADJOINING PROPERTY RECONNAISSANCE

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

Adjoining Properties

Direction	Description
North	Gresham Mill Parkway and wooded undeveloped land
East	Wooded land followed by Interstate-575 (I-575)
South	Wooded land followed by I-575
West	Gresham Mill Parkway and Cherokee County Aquatic Center

Evidence of RECs associated with the site was not identified originating from adjoining property operations.

7.0 ADDITIONAL SERVICES

Per the agreed upon 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.

Phase I Environmental Site Assessment

20 Acres of Undeveloped Land ■ Canton, Cherokee County, GA
Terracon Project No. 49177300



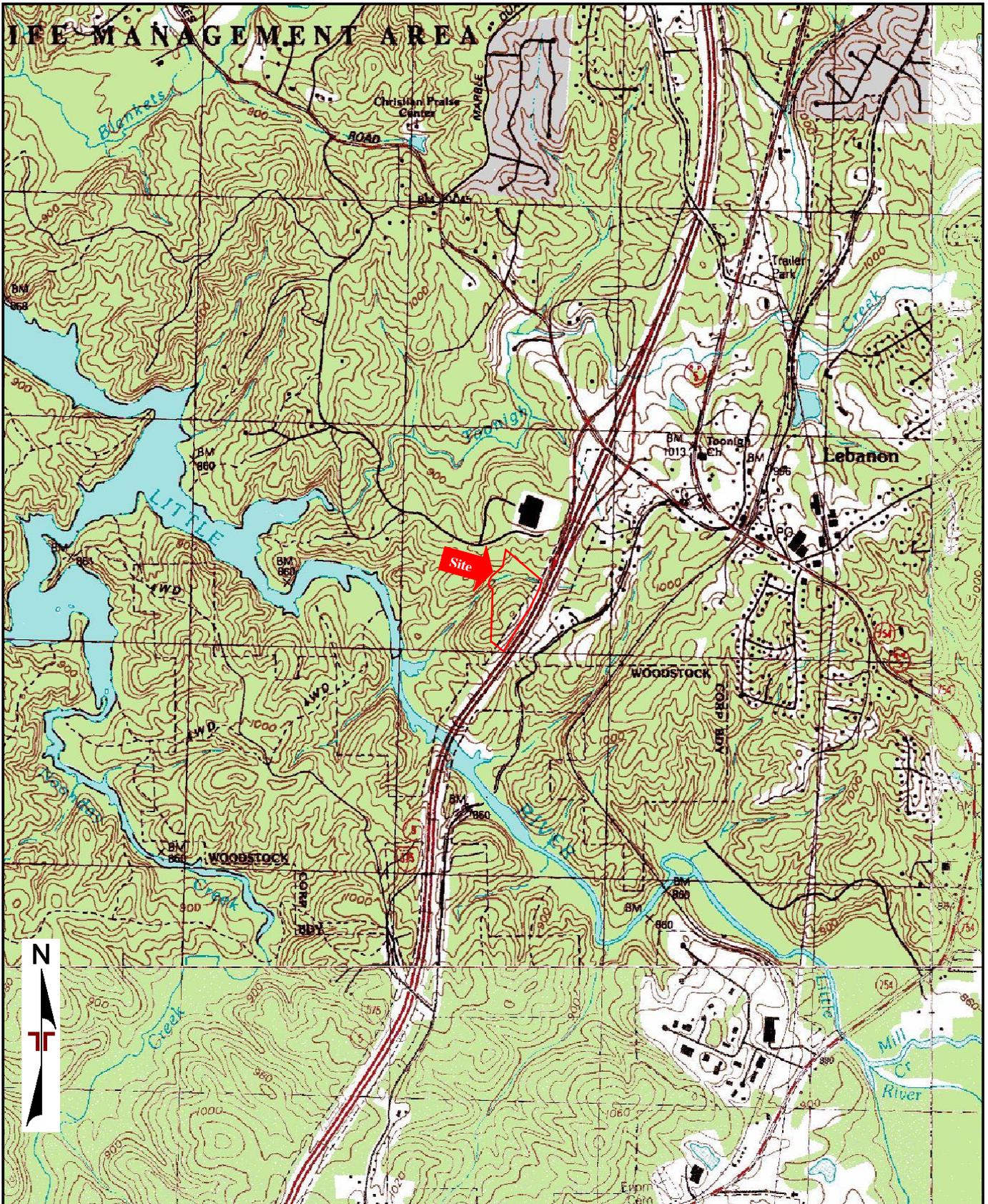
8.0 DECLARATION

I, John A. Meadow, 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.

A handwritten signature in blue ink, appearing to read "J.A. Meadow", is written over a horizontal line. The signature is fluid and cursive.

John A. Meadow, Principal
Environmental Division

APPENDIX A



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGICAL SURVEY
 QUADRANGLES INCLUDE: SOUTH CANTON, GA (1/1/1997), CANTON, GA (1/1/1992), KENNESAW, GA (1/1/1992) and MOUNTAIN PARK, GA (1/1/1992).

Project Manager: JAM	Project No. 49177300	 2105 Newpoint Pl Ste 600 Lawrenceville, GA 30043-5557	TOPOGRAPHIC MAP	Exhibit
Drawn by: JKW	Scale: 1"=2,000'		1200 Gresham Mill Parkway	1
Checked by: JAM	File Name: 49177300-1		1200 Gresham Mill Parkway	
Approved by: JAM	Date: MAY 2017		Canton, GA	



DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

AERIAL PHOTOGRAPHY PROVIDED BY MICROSOFT BING MAPS

Project Manager:	JAM
Drawn by:	JKW
Checked by:	JAM
Approved by:	JAM

Project No.	49177300
Scale:	AS SHOWN
File Name:	49177300-1
Date:	MAY 2017

Terracon
 2105 Newpoint PI Ste 600
 Lawrenceville, GA 30043-5557

SITE DIAGRAM

1200 Gresham Mill Parkway
 1200 Gresham Mill Parkway
 Canton, GA

Exhibit	2
---------	----------

APPENDIX B



Photo 1 Site, facing east from Gresham Mill Parkway



Photo 2 Facing west toward Gresham Mill Parkway



Photo 3 Site, facing east along dozer cut road for geotechnical equipment



Photo 4 Site, facing east along dozer cut road for geotechnical equipment



Photo 5 Site, facing east along dozer cut road for geotechnical equipment



Photo 6 Site, facing south along dozer cut road for geotechnical equipment



Photo 7 Site interior northeast quadrant



Photo 8 Site interior northeast quadrant



Photo 9 Site interior northeast quadrant



Photo 10 Eastern boundary of the site (I-575) facing east



Photo 11 Eastern boundary of the site (I-575) facing east



Photo 12 Site interior, northeast quadrant



Photo 13 Site interior, northeast quadrant



Photo 14 Site interior, northeast quadrant



Photo 15 Site interior, northeast quadrant



Photo 16 Eastern boundary of the site (I-575)



Photo 17 Site interior, southern quadrant along dozer cut for geotechnical equipment



Photo 18 Eastern site boundary, southern quadrant



Photo 19 Site interior, southern quadrant



Photo 20 Site interior, southern quadrant



Photo 21 Site interior, southern quadrant



Photo 22 Site interior, western quadrant



Photo 23



Photo 24 Site view, facing east from Gresham Mill Parkway



Photo 25 Adjacent property to the west – view from Gresham Mill Parkway



Photo 26 Gresham Mill Parkway, facing north



Photo 27 Adjacent property to the west – utility corridor from Gresham Mill Parkway



Photo 28 Adjacent property to the west – utility corridor from Gresham Mill Parkway



Photo 29 Adjacent property to the west – adjacent utility corridor



Photo 30 Adjacent property to the west and south, Aquatic Center in background



Photo 31 Adjacent property to the west and south, Aquatic Center in to left of photo



Photo 32 Facing south along Gresham Mill Parkway



Photo 33 Facing north along Gresham Mill Parkway



Photo 34 Property to the north

APPENDIX C

1200 Gresham Mill Parkway
1200 Gresham Mill Parkway
Canton, GA 30114

Inquiry Number: 4921730.4

April 28, 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

04/28/17

Site Name:

1200 Gresham Mil Parkway
1200 Gresham Mil Parkway
Canton, GA 30114
EDR Inquiry # 4921730.4

Client Name:

Terracon, Inc.
2105 Newpoint Place
Lawrenceville, GA 30043
Contact: John Meadow



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.#	NA	Latitude:	34.139842 34° 8' 23" North
Project:	49177300	Longitude:	-84.522221 -84° 31' 20" West
		UTM Zone:	Zone 16 North
		UTM X Meters:	728468.44
		UTM Y Meters:	3780435.05
		Elevation:	961.53' above sea level

Maps Provided:

2014	1896
1999	1890, 1891
1992, 1993	
1985	
1968	
1956, 1961	
1909	
1907	

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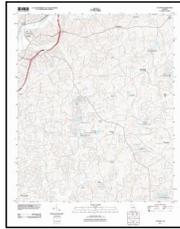
Topo Sheet Key

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

2014 Source Sheets



Mountain Park
2014
7.5-minute, 24000



Canton
2014
7.5-minute, 24000



Kennesaw
2014
7.5-minute, 24000



South Canton
2014
7.5-minute, 24000

1999 Source Sheets



South Canton
1999
7.5-minute, 24000
Aerial Photo Revised 1988

1992, 1993 Source Sheets



Canton
1992
7.5-minute, 24000
Aerial Photo Revised 1988



Mountain Park
1992
7.5-minute, 24000
Aerial Photo Revised 1988



Kennesaw
1992
7.5-minute, 24000
Aerial Photo Revised 1988



South Canton
1993
7.5-minute, 24000
Aerial Photo Revised 1988

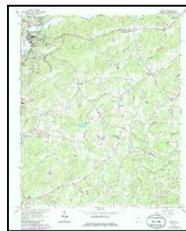
1985 Source Sheets



Mountain Park
1985
7.5-minute, 24000
Aerial Photo Revised 1981



Kennesaw
1985
7.5-minute, 24000
Aerial Photo Revised 1981



Canton
1985
7.5-minute, 24000
Aerial Photo Revised 1981



South Canton
1985
7.5-minute, 24000
Aerial Photo Revised 1981

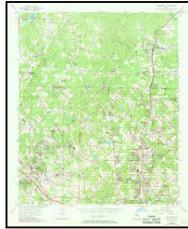
Topo Sheet Key

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

1968 Source Sheets



Mountain Park
1968
7.5-minute, 24000
Aerial Photo Revised 1968



Kennesaw
1968
7.5-minute, 24000
Aerial Photo Revised 1968



South Canton
1968
7.5-minute, 24000
Aerial Photo Revised 1968



Canton
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1956, 1961 Source Sheets



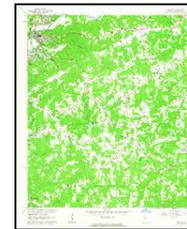
Mountain Park
1956
7.5-minute, 24000
Aerial Photo Revised 1955



Kennesaw
1956
7.5-minute, 24000
Aerial Photo Revised 1955

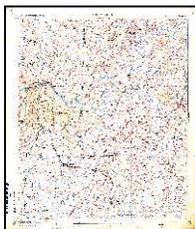


South Canton
1961
7.5-minute, 24000
Aerial Photo Revised 1956



Canton
1961
7.5-minute, 24000
Aerial Photo Revised 1956

1909 Source Sheets



ACWORTH
1909
15-minute, 62500

1907 Source Sheets



Acworth
1907
15-minute, 62500

Topo Sheet Key

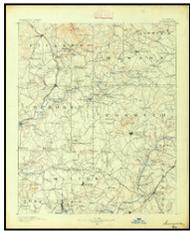
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1896 Source Sheets



Cartersville
1896
30-minute, 125000

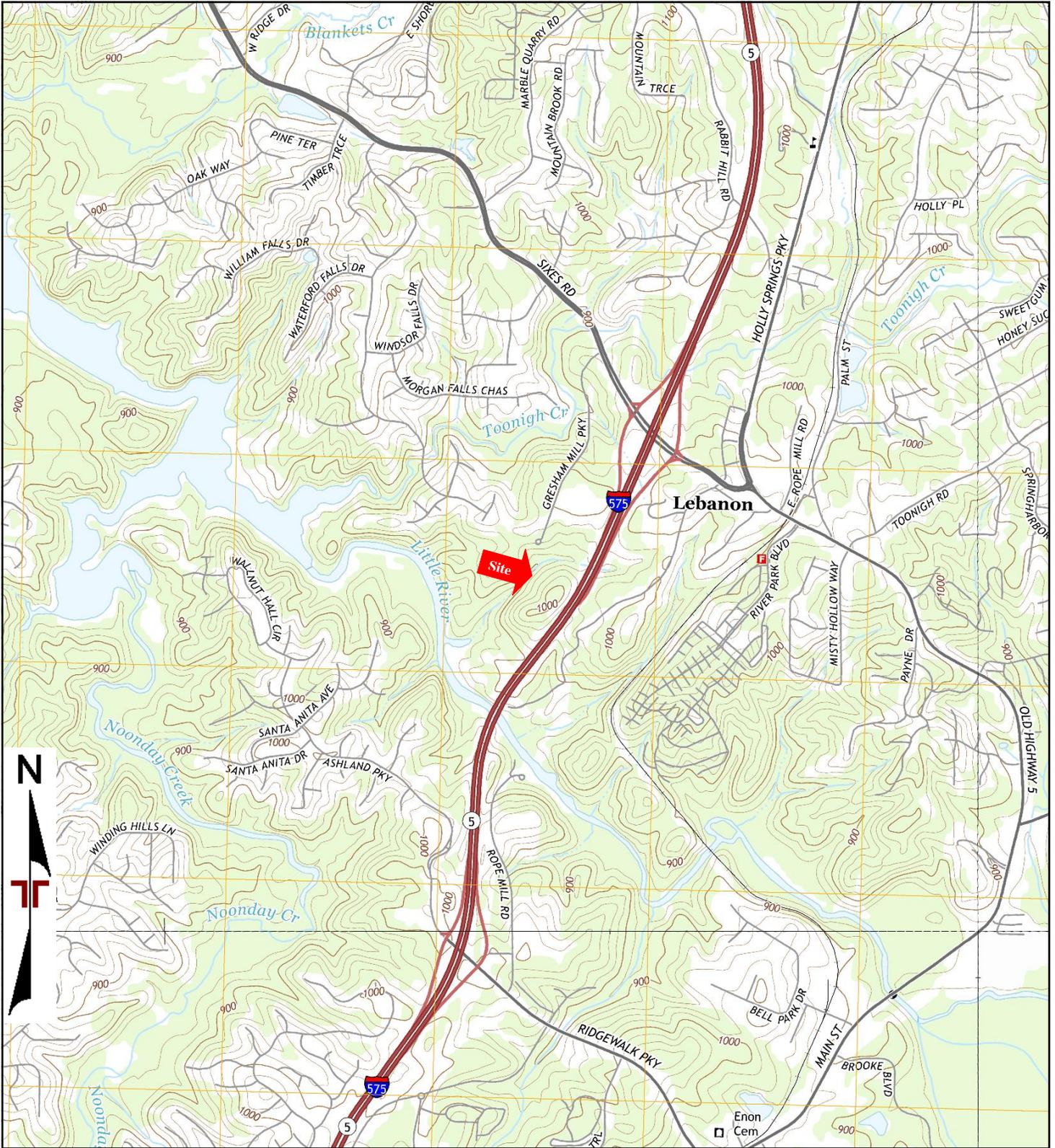
1890, 1891 Source Sheets



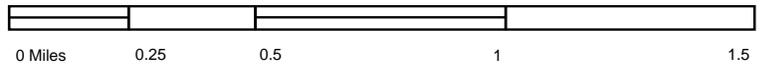
Suwanee
1890
30-minute, 125000



Cartersville
1891
30-minute, 125000



TP, South Canton, 2014, 7.5-minute
 NE, Canton, 2014, 7.5-minute
 SE, Mountain Park, 2014, 7.5-minute
 SW, Kennesaw, 2014, 7.5-minute

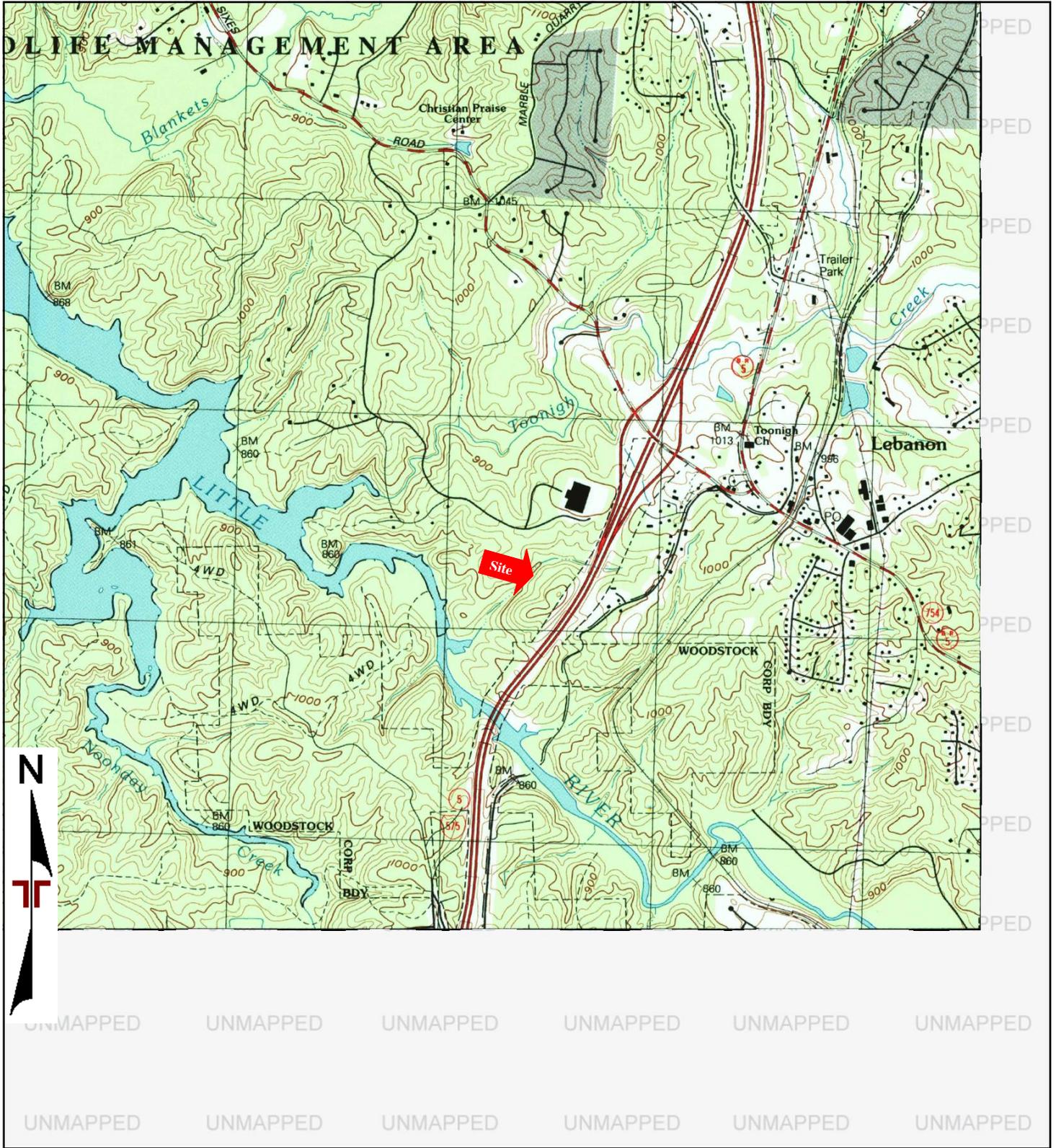


Project Manager:	Project No. 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 2014

2105 Newpoint Place
 Lawrenceville, GA 30043

2014 TOPOGRAPHIC MAP
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C

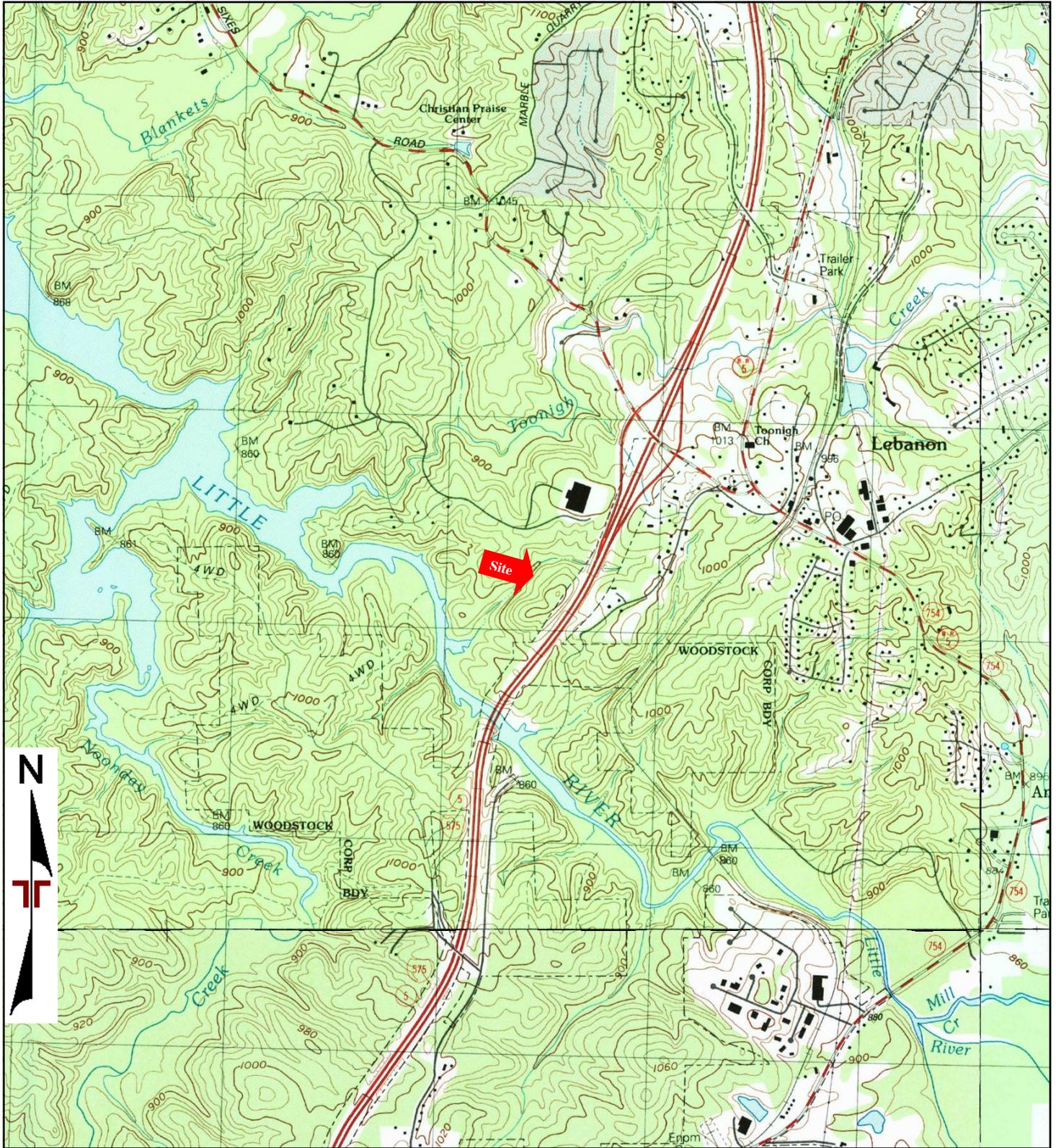


Project Manager:	Project No. 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 1999

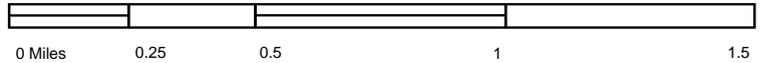
Terracon
2105 Newpoint Place
Lawrenceville, GA 30043

1999 TOPOGRAPHIC MAP
1200 Gresham Mil Parkway
1200 Gresham Mil Parkway
Canton, GA 30114

Appendix
C



TP, South Canton, 1993, 7.5-minute
 NE, Canton, 1992, 7.5-minute
 SE, Mountain Park, 1992, 7.5-minute
 SW, Kennesaw, 1992, 7.5-minute

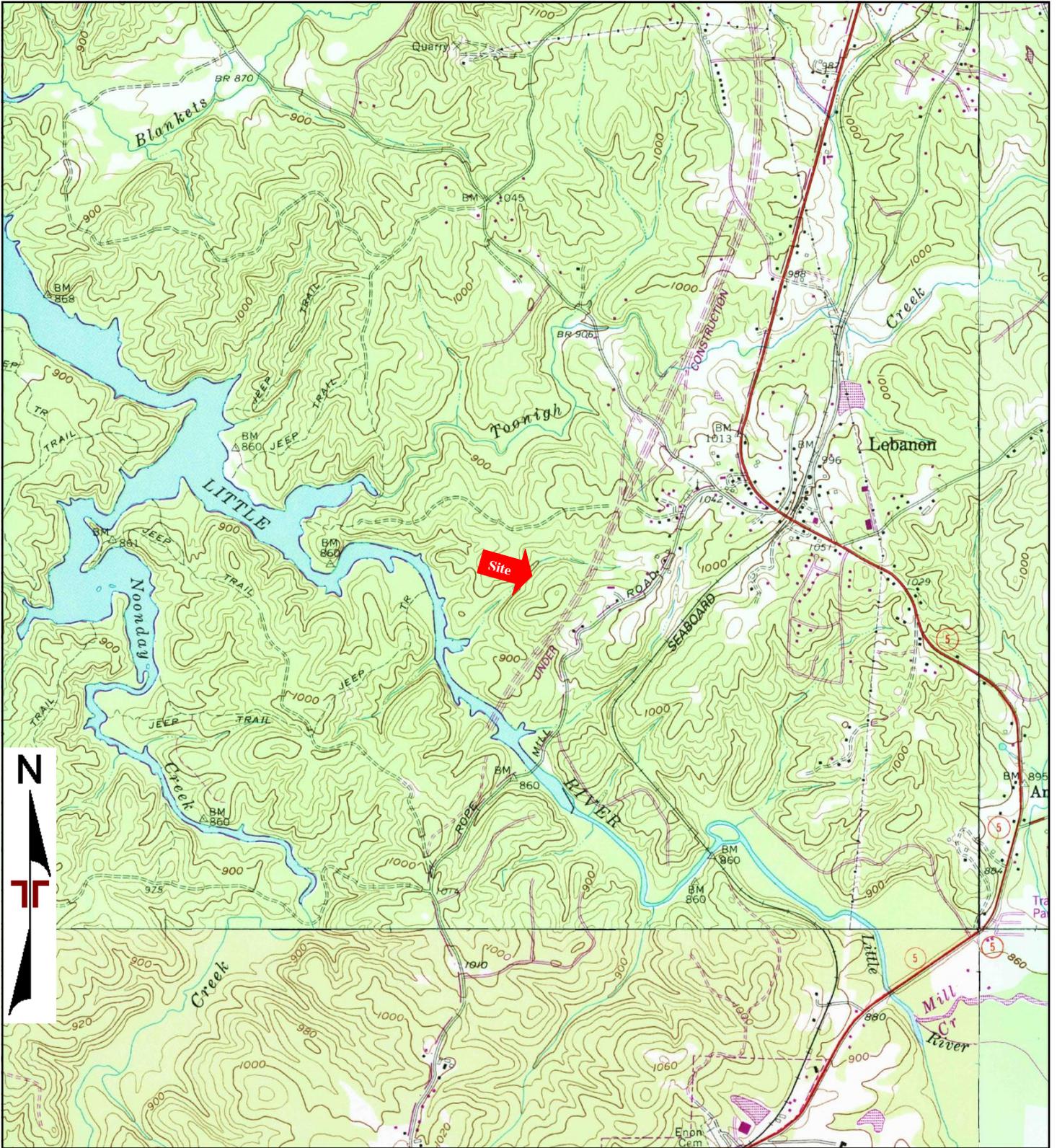


Project Manager:	Project No. 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 1992, 1993

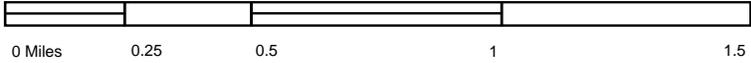
2105 Newpoint Place
 Lawrenceville, GA 30043

1992, 1993 TOPOGRAPHIC MAP
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C



TP, South Canton, 1985, 7.5-minute
 NE, Canton, 1985, 7.5-minute
 SE, Mountain Park, 1985, 7.5-minute
 SW, Kennesaw, 1985, 7.5-minute

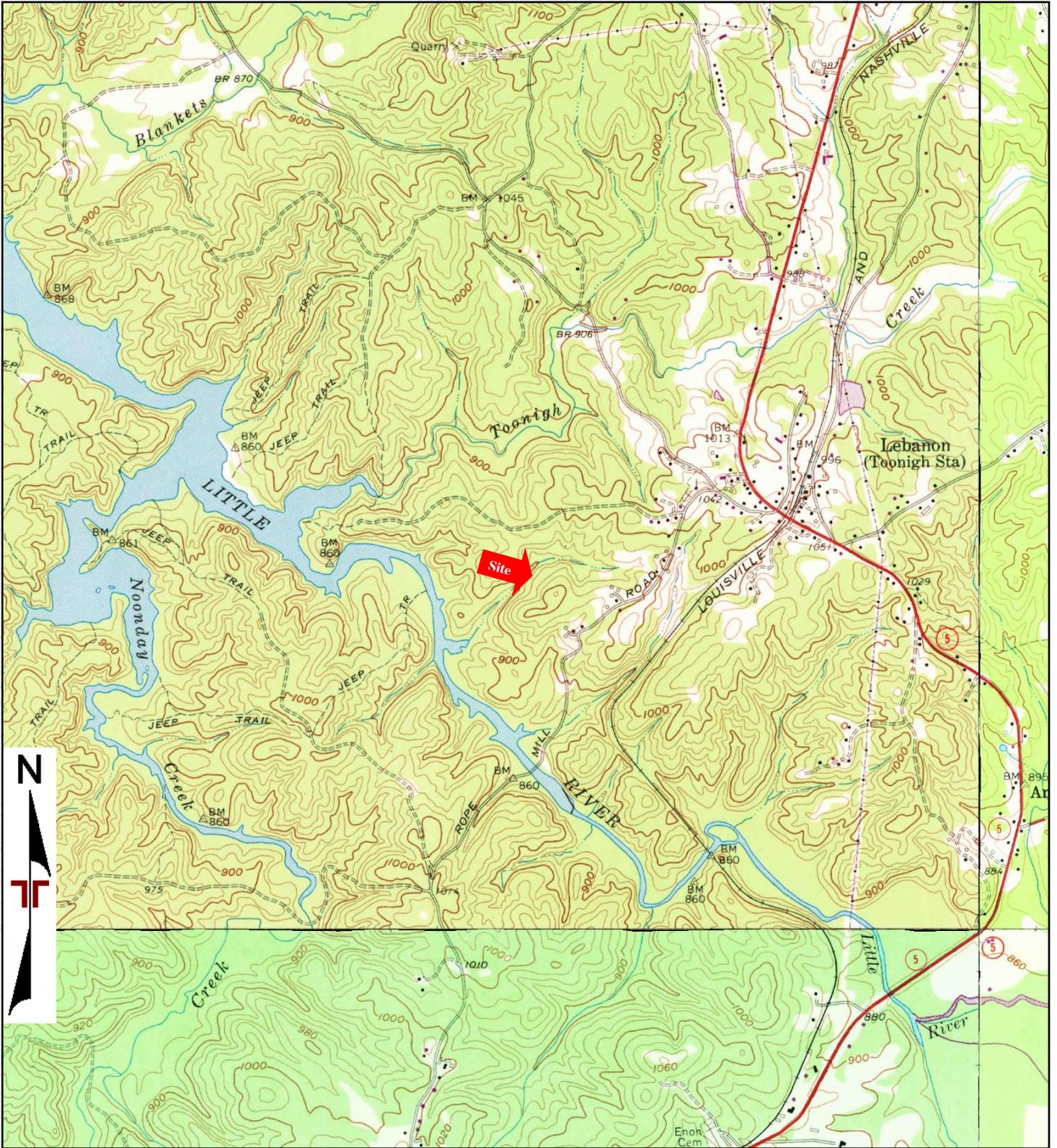


Project Manager:	Project No. 49177300
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Checked by:	File Name:
Approved by:	Date: 1985

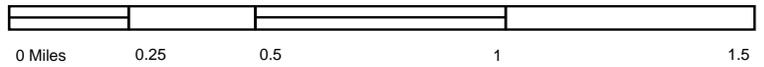
Terracon
 2105 Newpoint Place
 Lawrenceville, GA 30043

1985 TOPOGRAPHIC MAP
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C



TP, South Canton, 1968, 7.5-minute
 NE, Canton, 1968, 7.5-minute
 SE, Mountain Park, 1968, 7.5-minute
 SW, Kennesaw, 1968, 7.5-minute

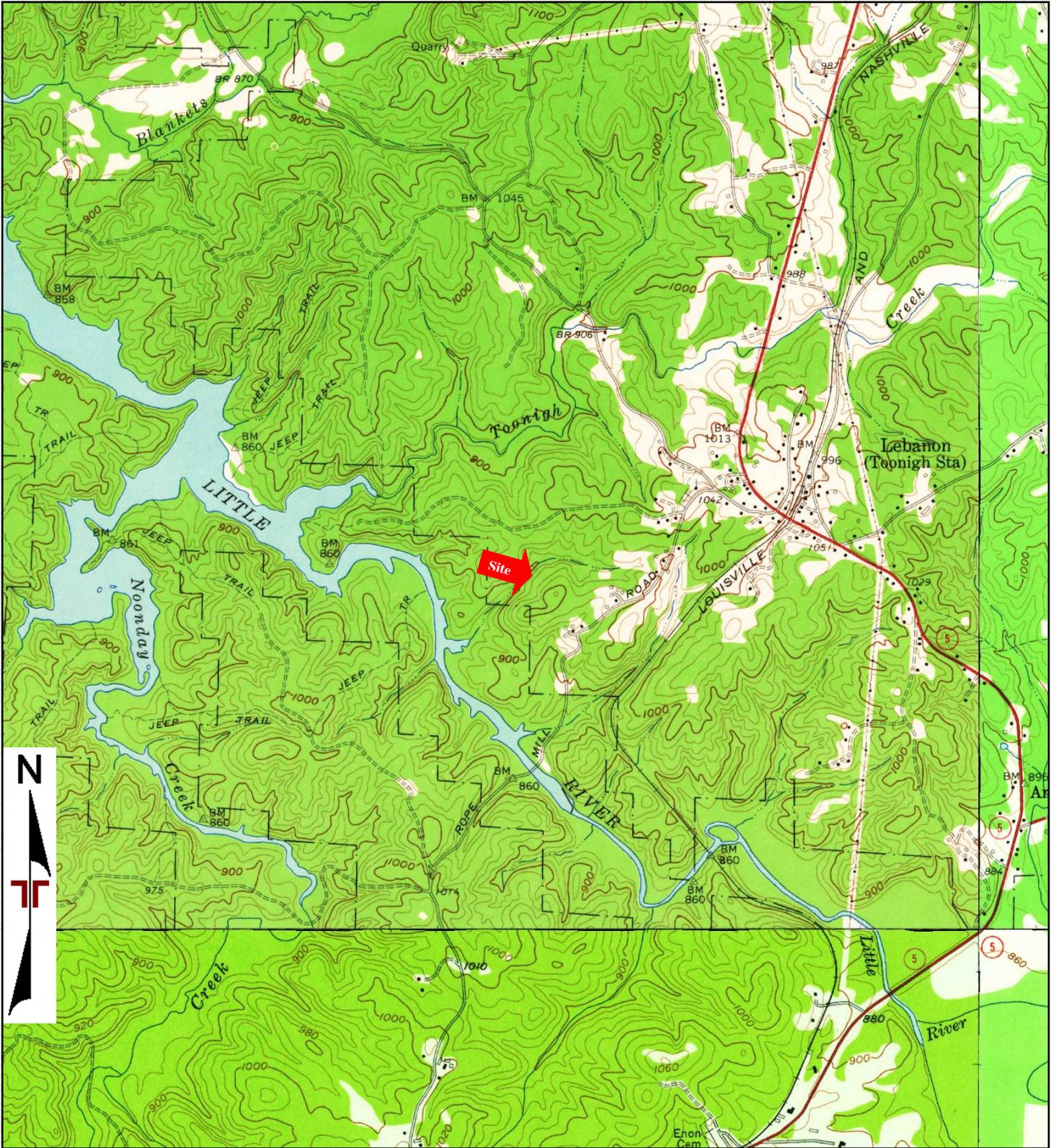


Project Manager:	Project No. 49177300
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Approved by:	Date: 1968

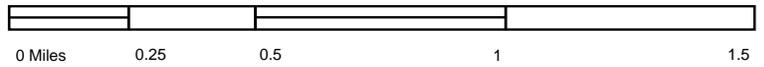
2105 Newpoint Place
 Lawrenceville, GA 30043

1968 TOPOGRAPHIC MAP
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C



TP, South Canton, 1961, 7.5-minute
 NE, Canton, 1961, 7.5-minute
 SE, Mountain Park, 1956, 7.5-minute
 SW, Kennesaw, 1956, 7.5-minute

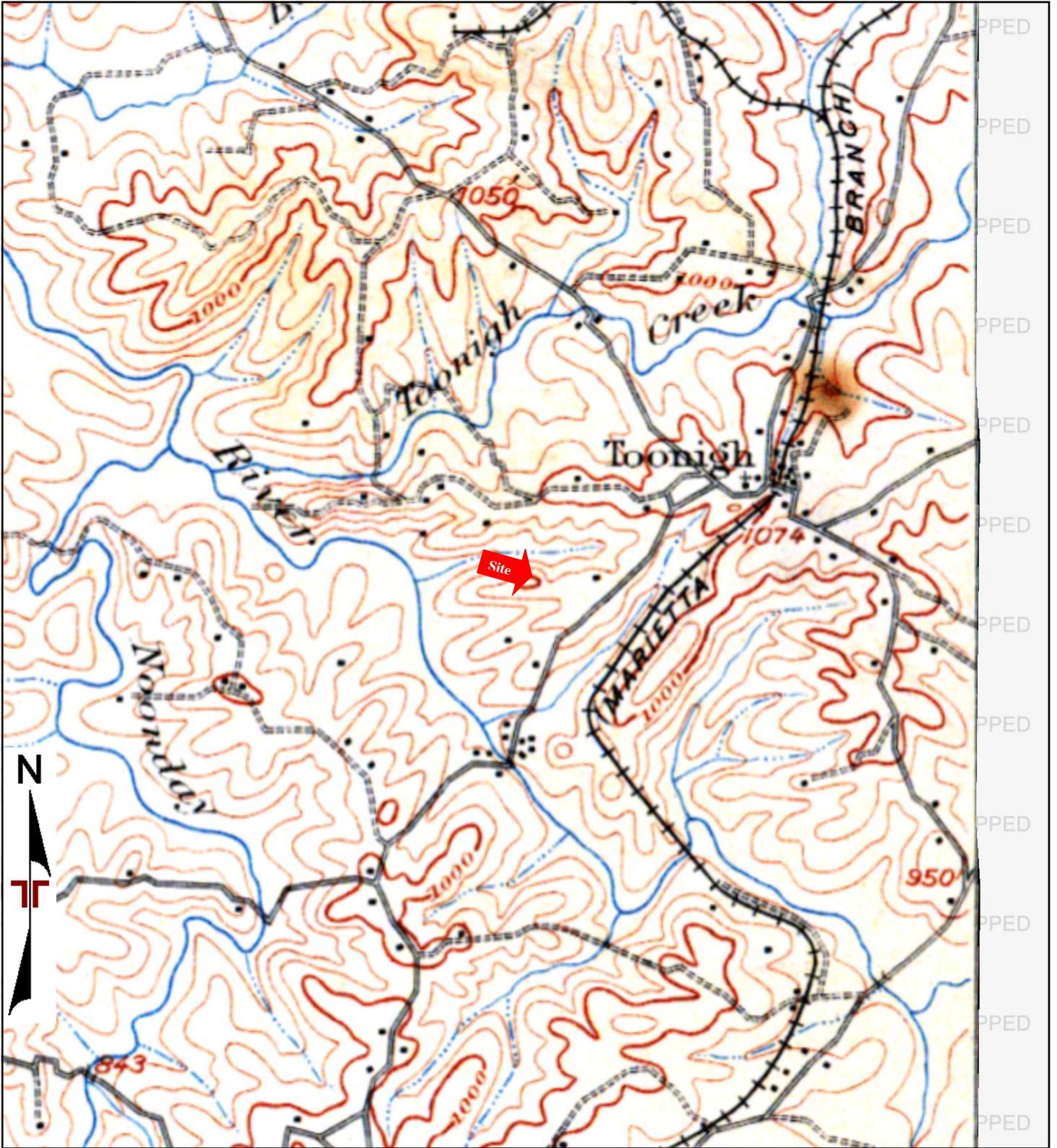


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Approved by:	Date: 1956, 1961

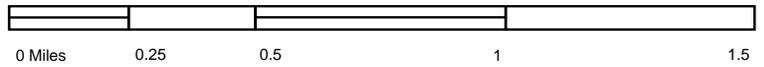
2105 Newpoint Place
 Lawrenceville, GA 30043

1956, 1961 TOPOGRAPHIC MAP
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C



TP, ACWORTH, 1909, 15-minute

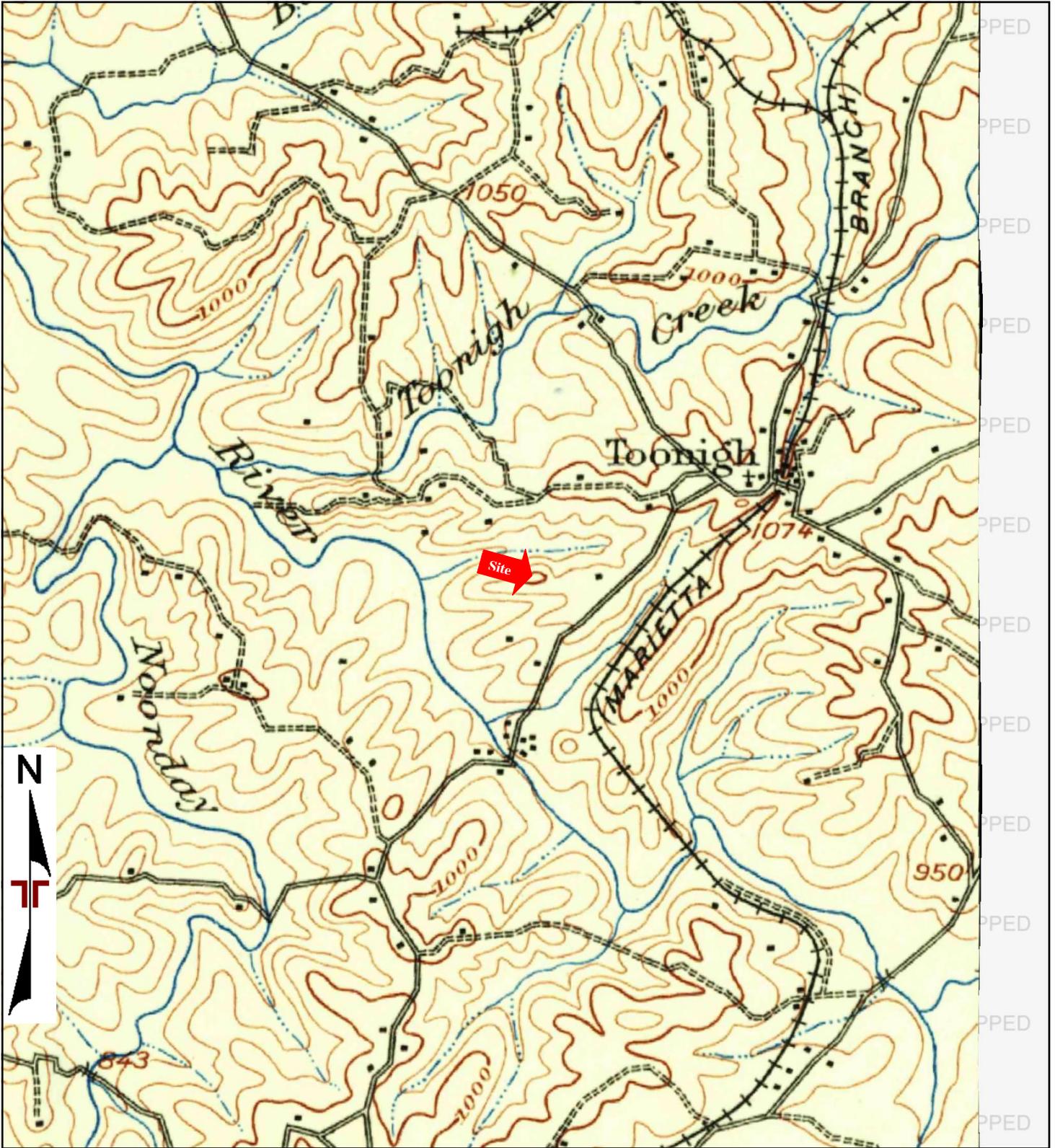


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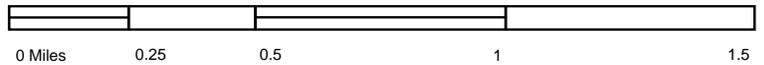
Terracon
 2105 Newpoint Place
 Lawrenceville, GA 30043

1909 TOPOGRAPHIC MAP
 1200 Gresham Mill Parkway
 1200 Gresham Mill Parkway
 Canton, GA 30114

Appendix
C



TP, Acworth, 1907, 15-minute

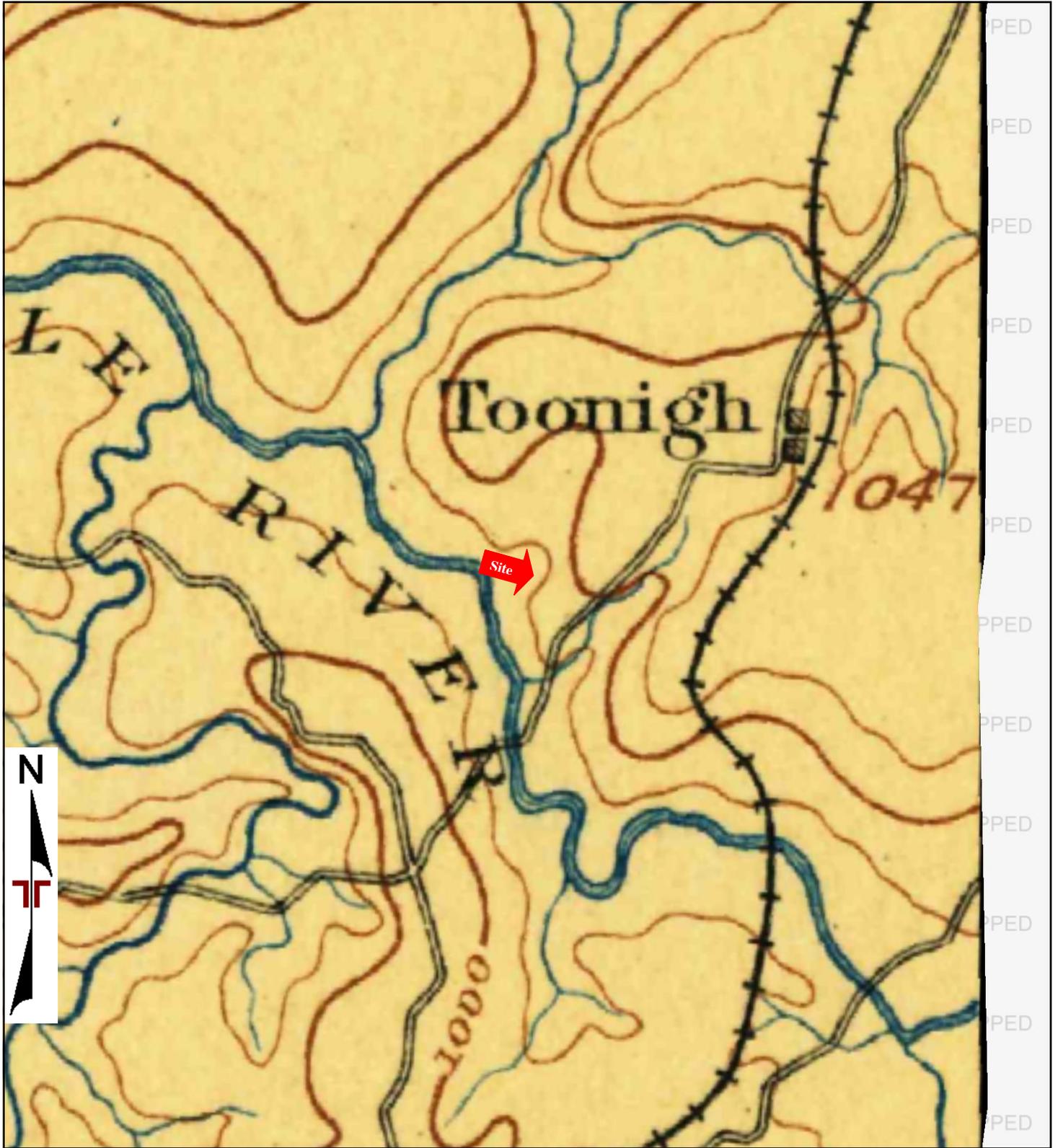


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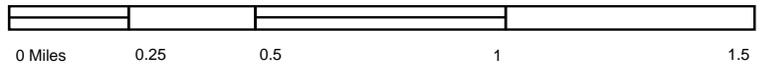
Terracon
 2105 Newpoint Place
 Lawrenceville, GA 30043

1907 TOPOGRAPHIC MAP
 1200 Gresham Mill Parkway
 1200 Gresham Mill Parkway
 Canton, GA 30114

Appendix
C



TP, Cartersville, 1896, 30-minute

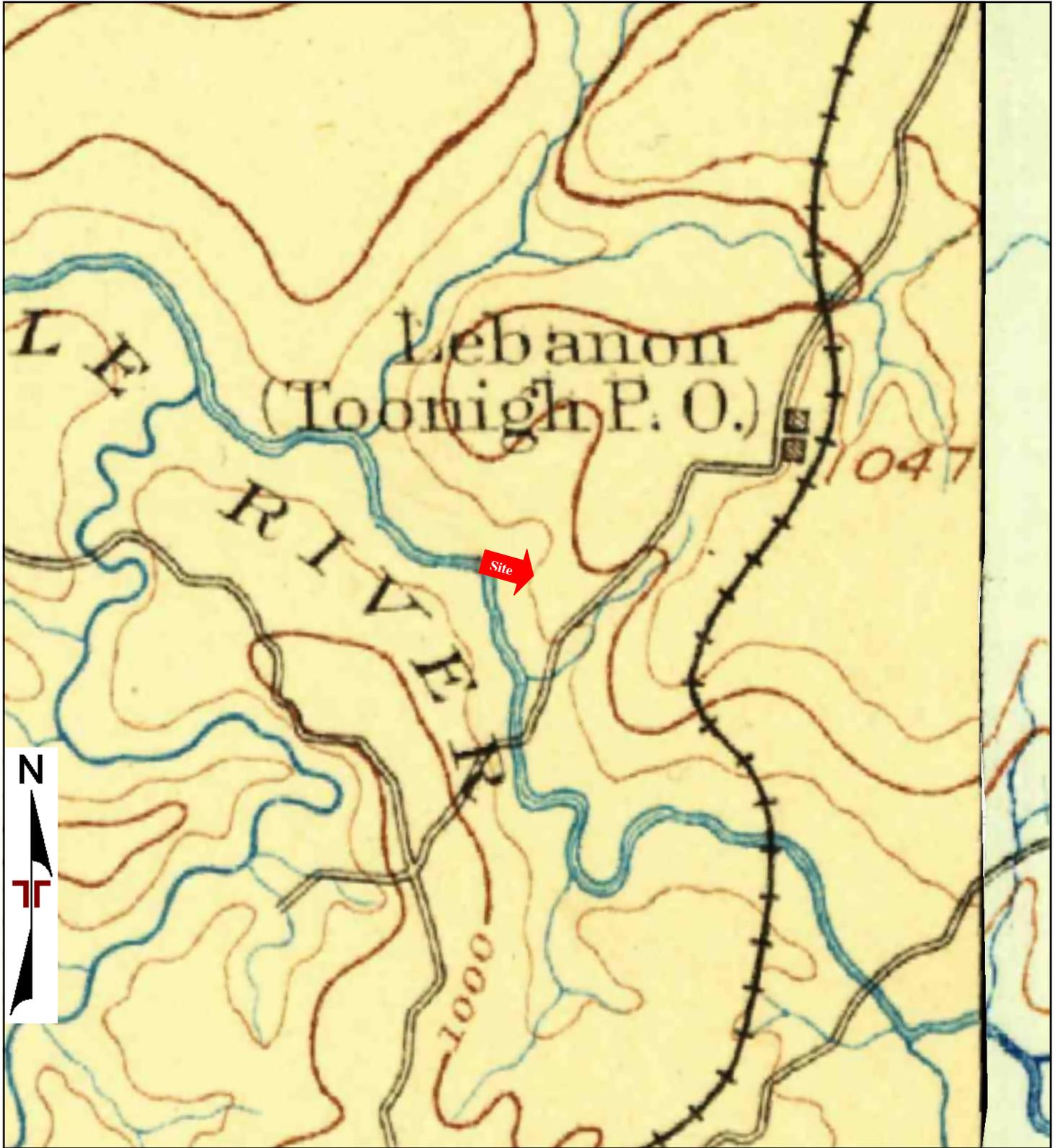


Project Manager:	Project No. 49177300
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Approved by:	Date: 1896

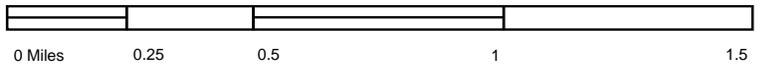
Terracon
 2105 Newpoint Place
 Lawrenceville, GA 30043

1896 TOPOGRAPHIC MAP
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C



TP, Cartersville, 1891, 30-minute
 NE, Suwanee, 1890, 30-minute



Project Manager:	Project No. 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 1890, 1891

Terracon
 2105 Newpoint Place
 Lawrenceville, GA 30043

1890, 1891 TOPOGRAPHIC MAP
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C



1200 Gresham Mill Parkway
1200 Gresham Mill Parkway
Canton, GA 30114

Inquiry Number: 4921730.3

April 28, 2017

Certified Sanborn® Map Report



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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

04/28/17

Site Name:

1200 Gresham Mill Parkway
1200 Gresham Mill Parkway
Canton, GA 30114
EDR Inquiry # 4921730.3

Client Name:

Terracon, Inc.
2105 Newpoint Place
Lawrenceville, GA 30043
Contact: John Meadow



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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 # 66F8-404B-9B8A
PO # NA
Project 49177300



Sanborn® Library search results

Certification #: 66F8-404B-9B8A

UNMAPPED PROPERTY

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

The Sanborn Library LLC Since 1866™

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1200 Gresham Mill Parkway
1200 Gresham Mill Parkway
Canton, GA 30114

Inquiry Number: 4921730.9

April 28, 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

04/28/17

Site Name:

1200 Gresham Mil Parkway
1200 Gresham Mil Parkway
Canton, GA 30114
EDR Inquiry # 4921730.9

Client Name:

Terracon, Inc.
2105 Newpoint Place
Lawrenceville, GA 30043
Contact: John Meadow



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:

Year	Scale	Details	Source
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2007	1"=500'	Flight Year: 2007	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1993	1"=500'	Acquisition Date: February 27, 1993	USGS/DOQQ
1988	1"=500'	Flight Date: March 20, 1988	USGS
1981	1"=500'	Flight Date: February 24, 1981	USDA
1978	1"=500'	Flight Date: March 31, 1978	ASCS
1968	1"=500'	Flight Date: December 06, 1968	USGS
1960	1"=500'	Flight Date: April 11, 1960	ASCS
1955	1"=500'	Flight Date: August 01, 1955	ASCS
1949	1"=500'	Flight Date: November 30, 1949	USGS
1938	1"=500'	Flight Date: April 04, 1938	ASCS

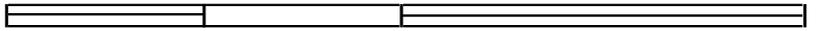
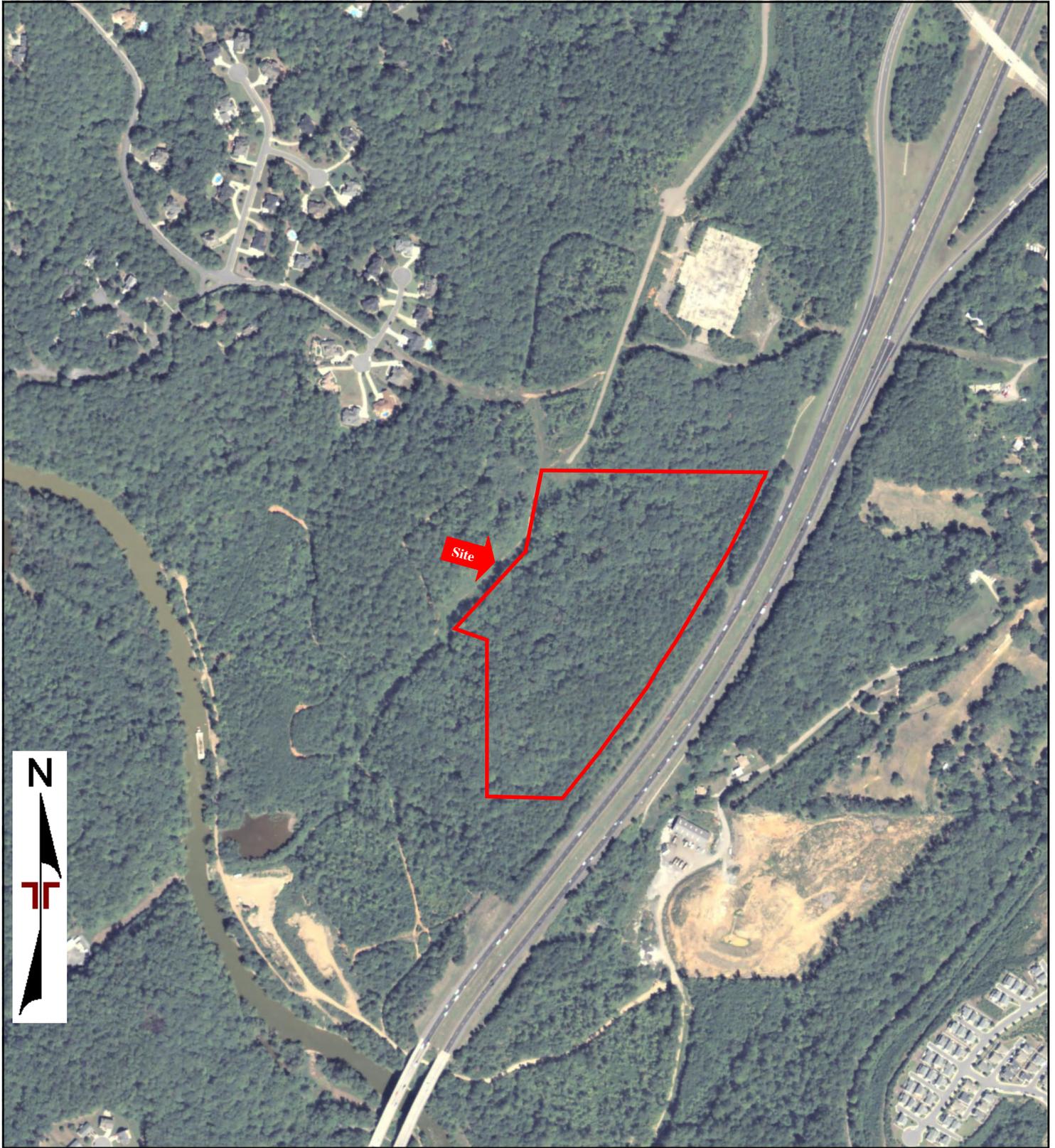
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0 Feet 500 1000 2000

Project Manager:	Project No. 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 2010

2105 Newpoint Place
 Lawrenceville, GA 30043

2010 AERIAL PHOTOGRAPH
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C



0 Feet

500

1000

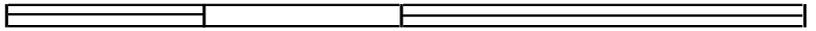
2000

Project Manager:	Project No: 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 2009

Terracon
 2105 Newpoint Place
 Lawrenceville, GA 30043

2009 AERIAL PHOTOGRAPH
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C



0 Feet

500

1000

2000

Project Manager:	Project No: 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 2007


 2105 Newpoint Place
 Lawrenceville, GA 30043

2007 AERIAL PHOTOGRAPH
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C



0 Feet

500

1000

2000

Project Manager:	Project No. 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 2006

Terracon
 2105 Newpoint Place
 Lawrenceville, GA 30043

2006 AERIAL PHOTOGRAPH
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C



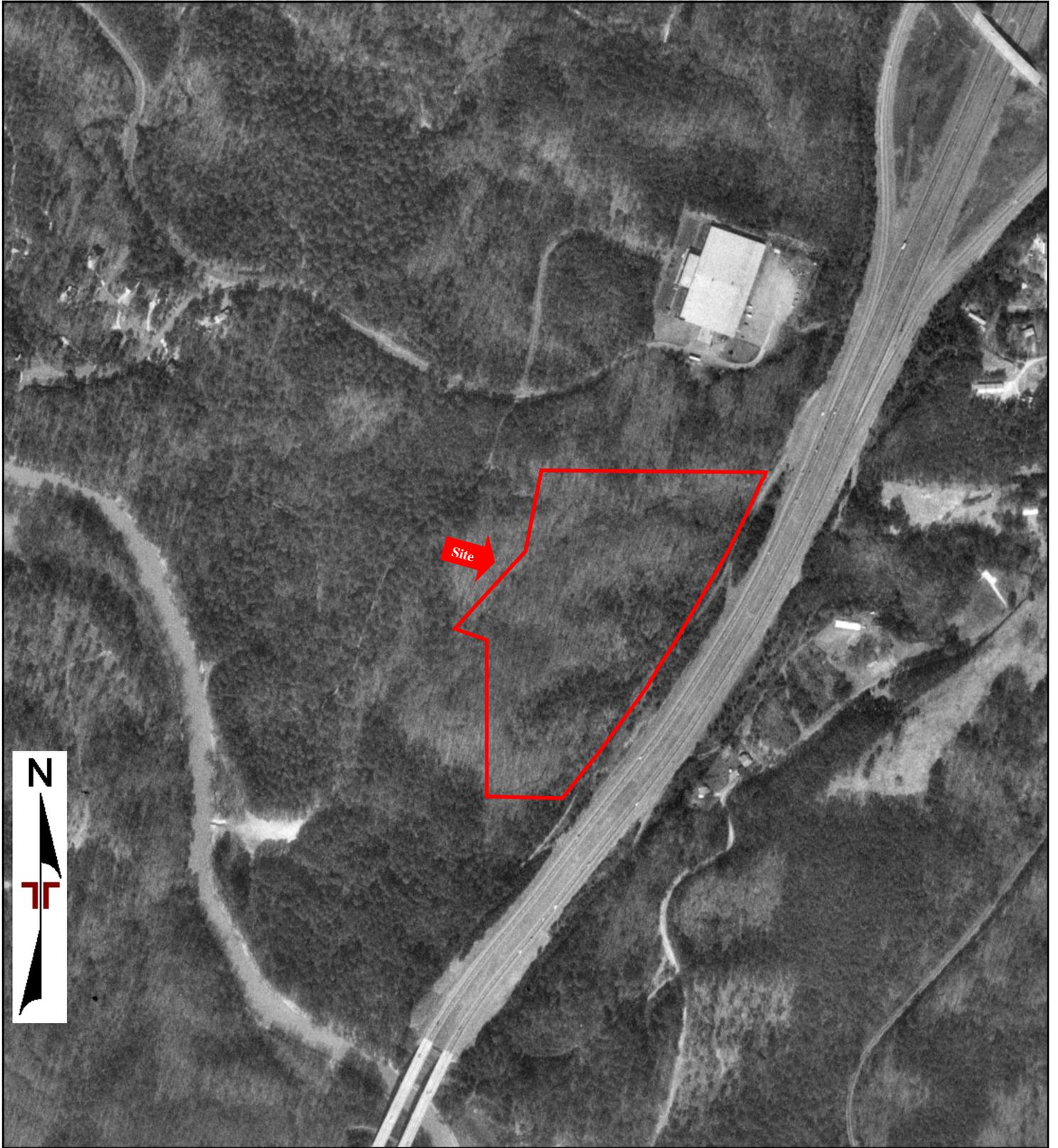
0 Feet 500 1000 2000

Project Manager:	Project No. 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 2005


 2105 Newpoint Place
 Lawrenceville, GA 30043

2005 AERIAL PHOTOGRAPH
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C



0 Feet

500

1000

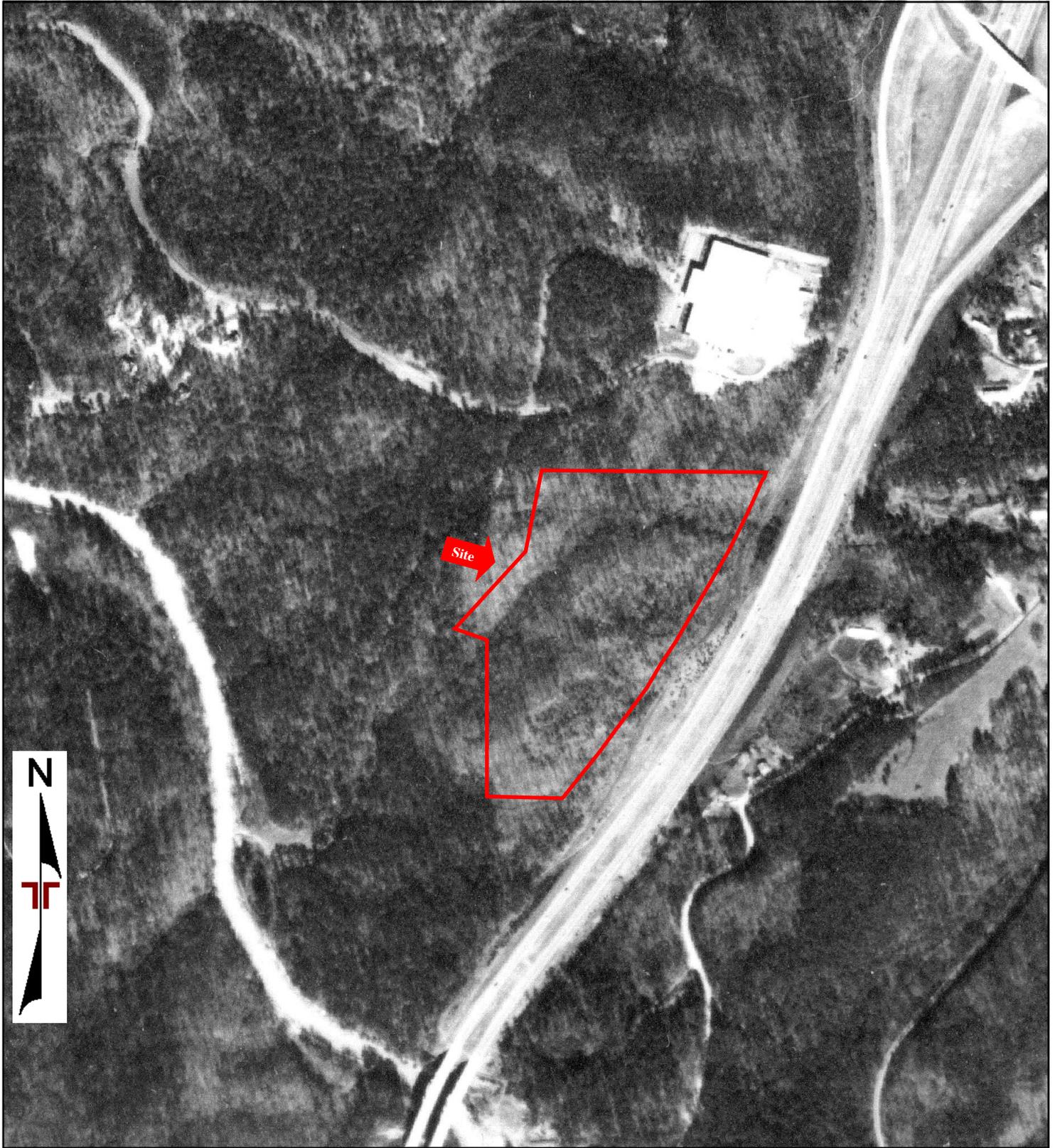
2000

Project Manager:	Project No. 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 1993

2105 Newpoint Place
 Lawrenceville, GA 30043

1993 AERIAL PHOTOGRAPH
1200 Gresham Mil Parkway 1200 Gresham Mil Parkway Canton, GA 30114

Appendix
C



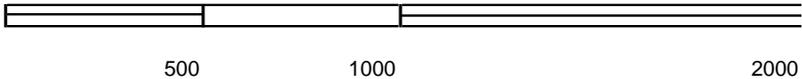
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Project Manager:	Project No: 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 1988

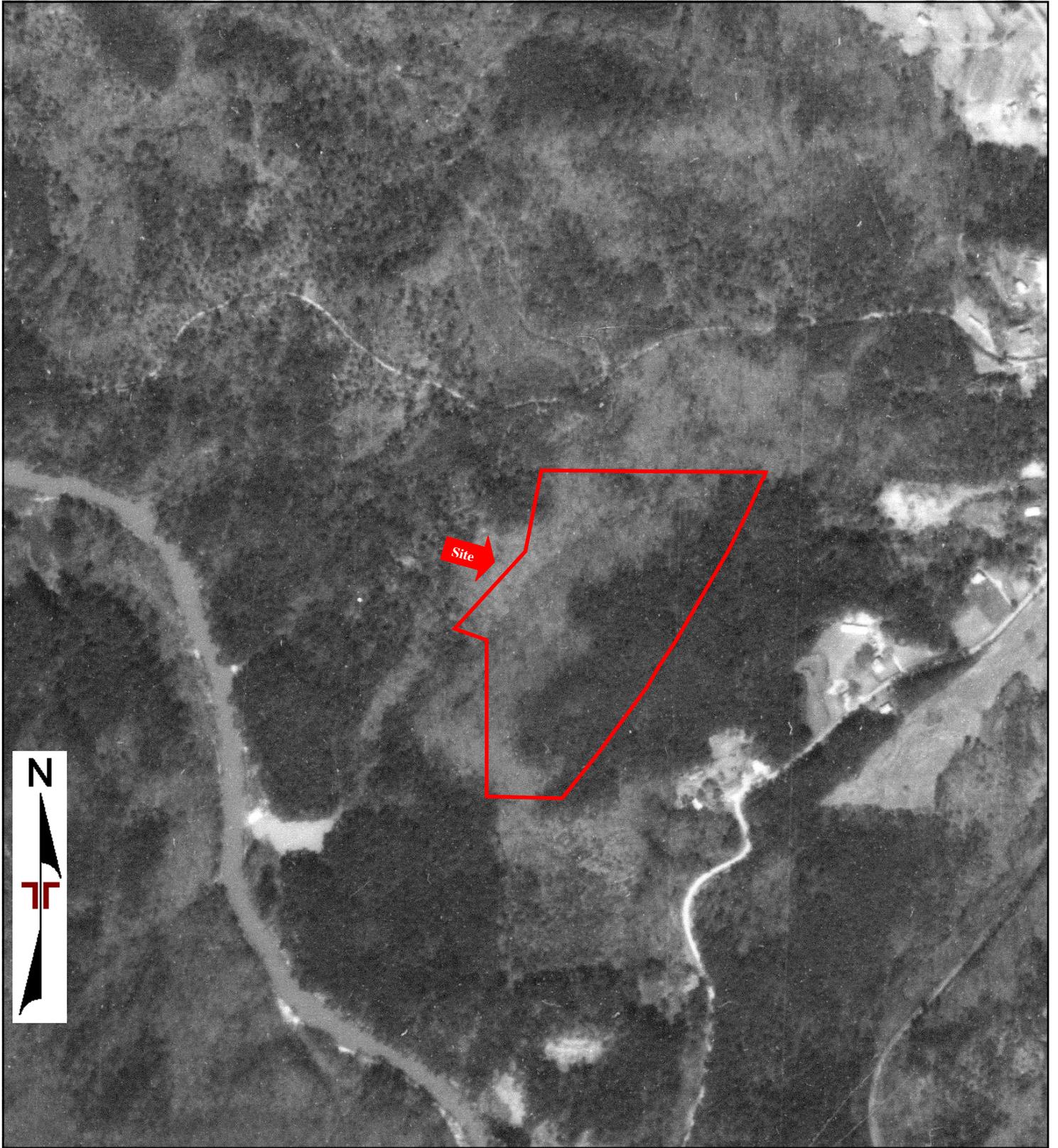
Terracon
2105 Newpoint Place
Lawrenceville, GA 30043

1988 AERIAL PHOTOGRAPH
1200 Gresham Mil Parkway
1200 Gresham Mil Parkway
Canton, GA 30114

Appendix
C



Project Manager:	Project No. 49177300	 2105 Newpoint Place Lawrenceville, GA 30043	1981 AERIAL PHOTOGRAPH	Appendix
Drawn by:	Scale: As Shown		1200 Gresham Mil Parkway	C
Checked by:	File Name:		1200 Gresham Mil Parkway	
Approved by:	Date: 1981		Canton, GA 30114	



0 Feet

500

1000

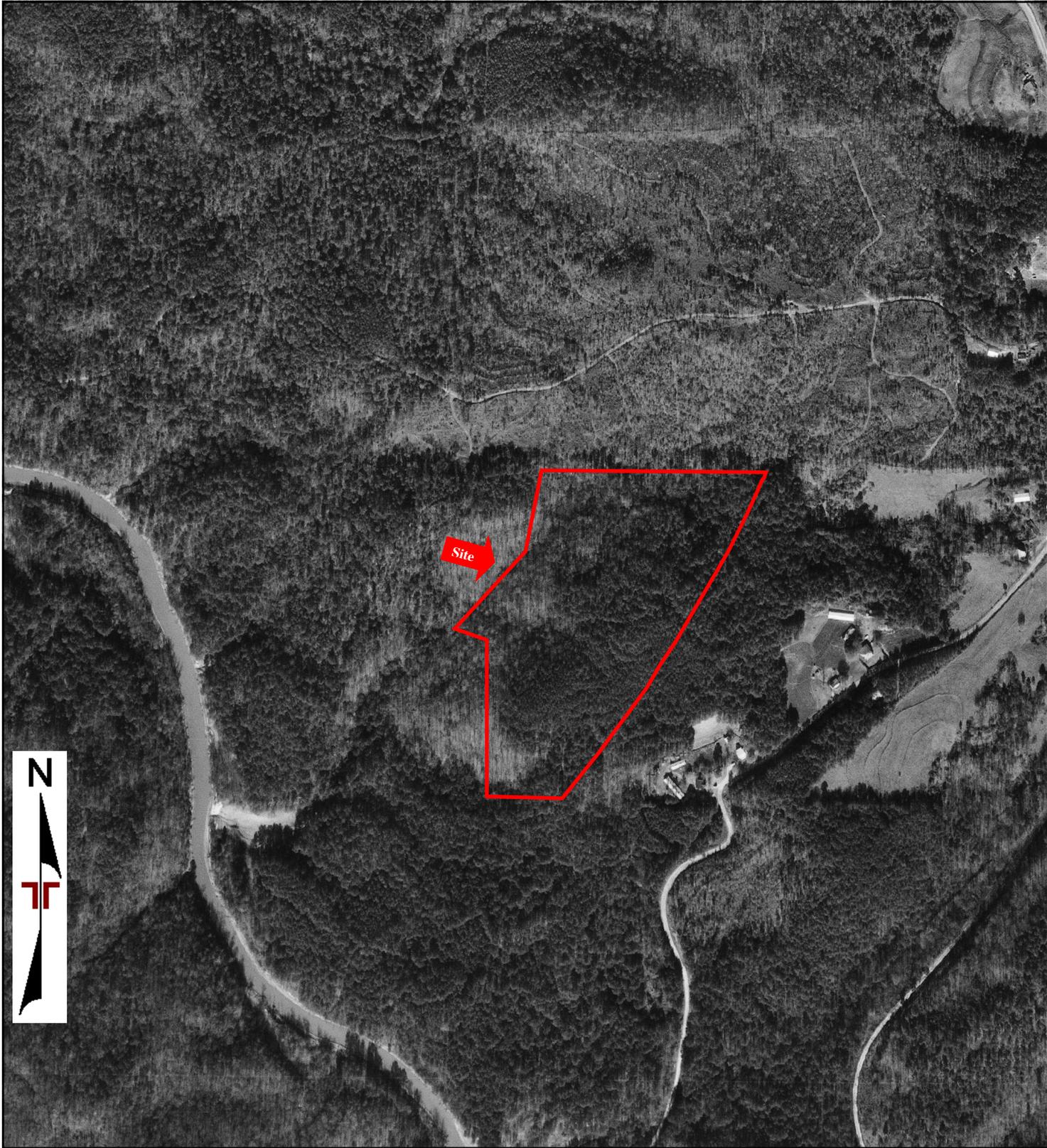
2000

Project Manager:	Project No: 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 1978

Terracon
 2105 Newpoint Place
 Lawrenceville, GA 30043

1978 AERIAL PHOTOGRAPH
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C



0 Feet

500

1000

2000

Project Manager:	Project No. 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 1968

Terracon
 2105 Newpoint Place
 Lawrenceville, GA 30043

1968 AERIAL PHOTOGRAPH
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C



0 Feet

500

1000

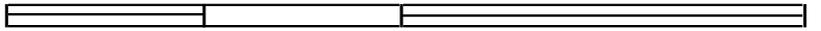
2000

Project Manager:	Project No: 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 1960

Terracon
 2105 Newpoint Place
 Lawrenceville, GA 30043

1960 AERIAL PHOTOGRAPH
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C



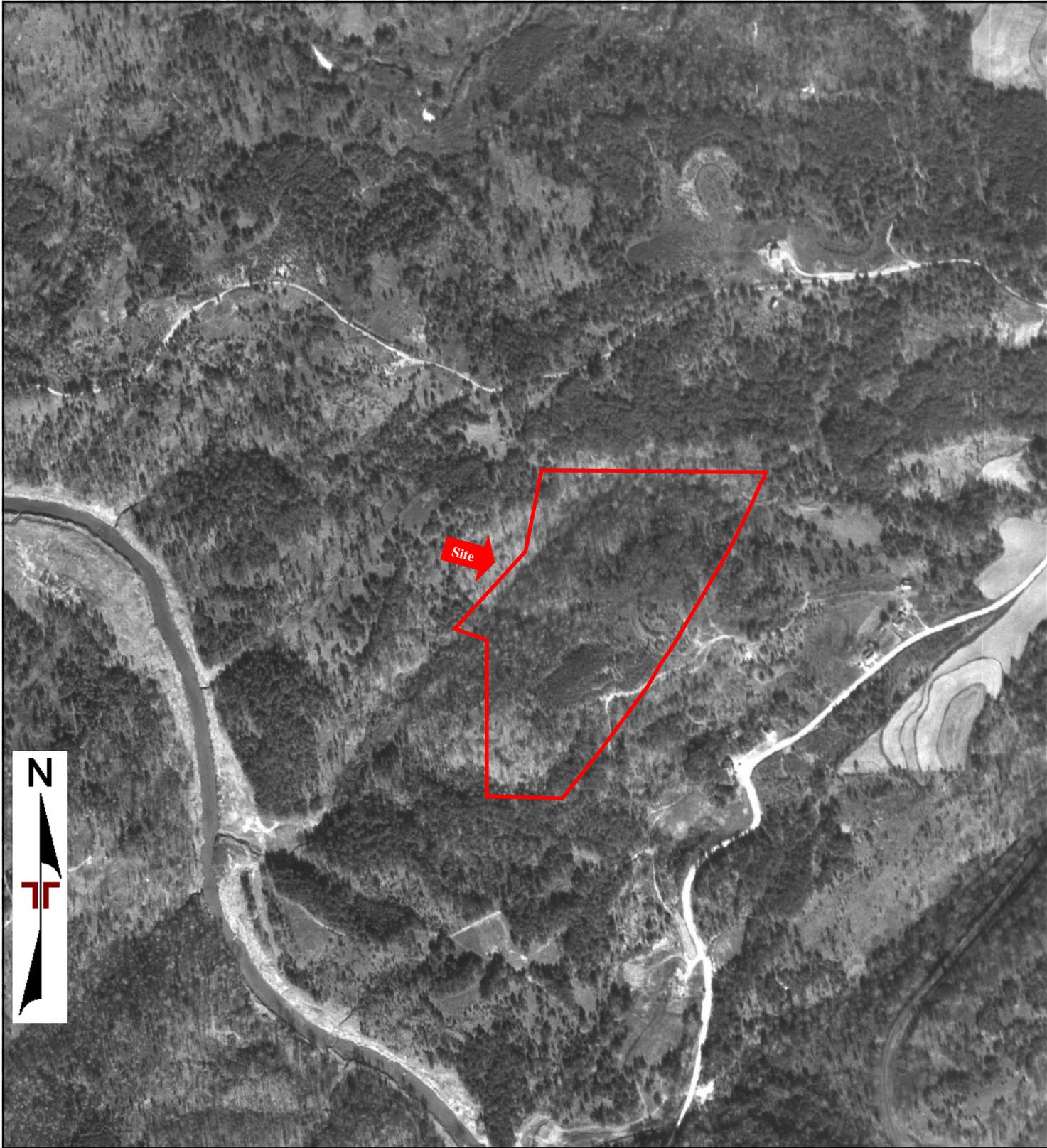
0 Feet 500 1000 2000

Project Manager:	Project No. 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 1955

2105 Newpoint Place
 Lawrenceville, GA 30043

1955 AERIAL PHOTOGRAPH
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C



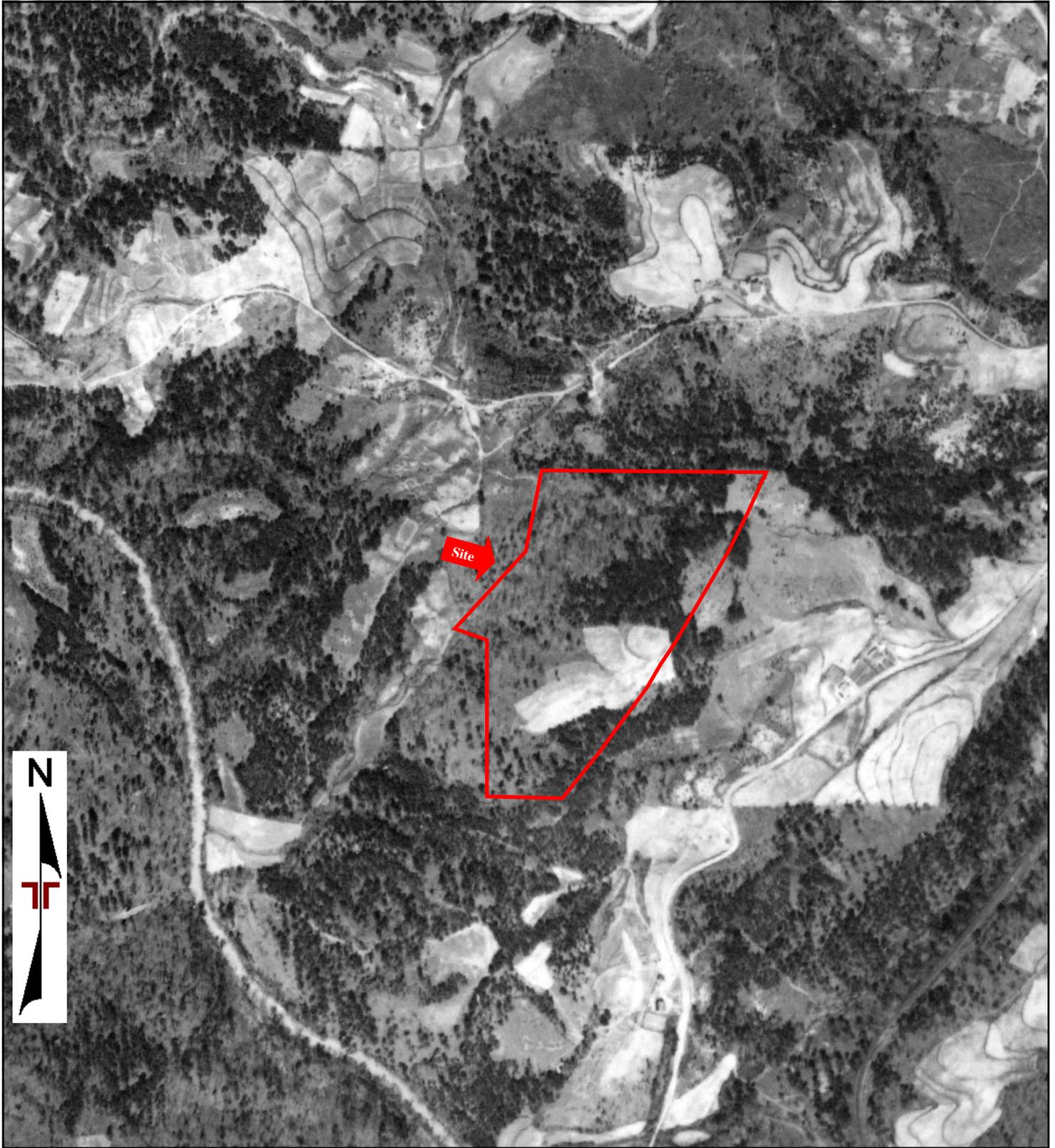
0 Feet 500 1000 2000

Project Manager:	Project No. 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 1949


 2105 Newpoint Place
 Lawrenceville, GA 30043

1949 AERIAL PHOTOGRAPH
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C



0 Feet

500

1000

2000

Project Manager:	Project No: 49177300
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 1938

2105 Newpoint Place
 Lawrenceville, GA 30043

1938 AERIAL PHOTOGRAPH
 1200 Gresham Mil Parkway
 1200 Gresham Mil Parkway
 Canton, GA 30114

Appendix
C

APPENDIX D

1200 Gresham Mill Parkway
1200 Gresham Mill Parkway
Canton, GA 30114

Inquiry Number: 4921730.2s
April 28, 2017

The EDR Radius Map™ Report with GeoCheck®



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

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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

1200 GRESHAM MIL PARKWAY
CANTON, GA 30114

COORDINATES

Latitude (North): 34.1398420 - 34° 8' 23.43"
Longitude (West): 84.5222210 - 84° 31' 19.99"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 728473.6
UTM Y (Meters): 3780240.2
Elevation: 965 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 6045761 SOUTH CANTON, GA
Version Date: 2014

Southwest Map: 6045743 KENNESAW, GA
Version Date: 2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20150825
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
1200 GRESHAM MIL PARKWAY
CANTON, GA 30114

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	CHEROKEE CO-CYCLE WO	601 NORTH ROPE MILL	SWF/LF	Lower	711, 0.135, SSE
2	LITTLE RIVER LIFT ST	110A SANTA ANITA TRA	LUST, UST, Financial Assurance	Lower	2075, 0.393, WSW
3	GROUP REALTY, LLC -	1000 TRANSANT PARKWA	GA NON-HSI	Higher	2636, 0.499, NW

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

State and tribal leaking storage tank lists

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

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program site

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

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

ODI..... Open Dump Inventory

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

EXECUTIVE SUMMARY

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
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
ABANDONED MINES..... Abandoned Mines
FINDS..... Facility Index System/Facility Registry System
ECHO..... Enforcement & Compliance History Information
DOCKET HWC..... Hazardous Waste Compliance Docket Listing
UXO..... Unexploded Ordnance Sites
FUELS PROGRAM..... EPA Fuels Program Registered Listing
AIRS..... Permitted Facility and Emissions Listing
COAL ASH..... Coal Ash Disposal Site Listing
DRYCLEANERS..... Drycleaner Database

EXECUTIVE SUMMARY

Financial Assurance..... Financial Assurance Information Listing
NPDES..... NPDES Wastewater Permit List
TIER 2..... Tier 2 Data 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 identified in the following databases.

Elevations have been determined from the USGS 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. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

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

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

GA NON-HSI: Georgia Non Hazardous Site Inventory Sites.

A review of the GA NON-HSI list, as provided by EDR, and dated 09/30/2016 has revealed that there is 1 GA NON-HSI site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GROUP REALTY, LLC -	1000 TRANSANT PARKWA	NW 1/4 - 1/2 (0.499 mi.)	3	9

EXECUTIVE SUMMARY

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

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Natural Resources' Operating Solid Waste Facilities' list.

A review of the SWF/LF list, as provided by EDR, and dated 06/28/2016 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEROKEE CO-CYCLE WO Permit Number: PBR-028-136COL	601 NORTH ROPE MILL	SSE 1/8 - 1/4 (0.135 mi.)	1	8

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Natural Resources' Confirmed Release List.

A review of the LUST list, as provided by EDR, and dated 05/27/2016 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

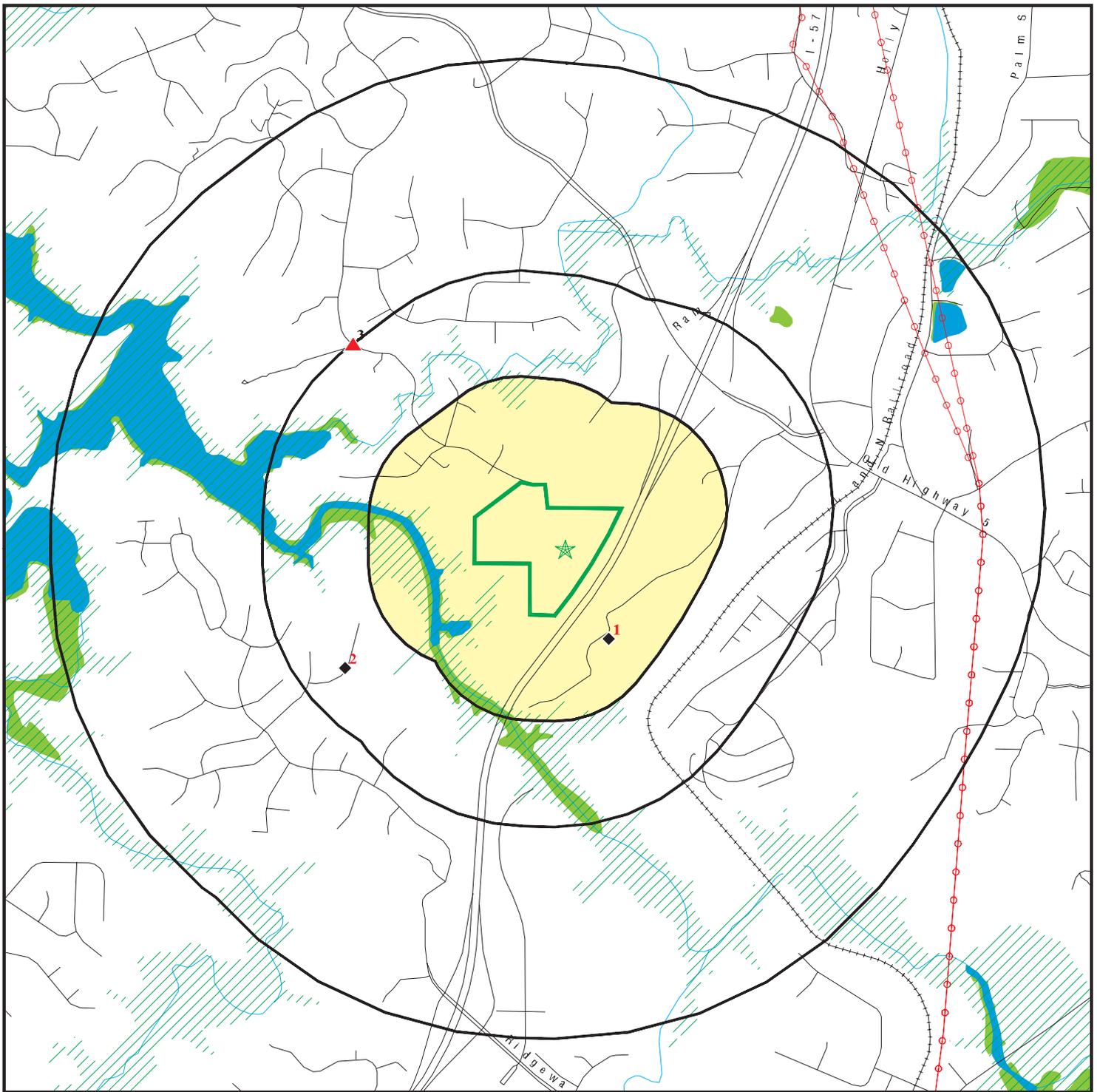
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LITTLE RIVER LIFT ST Cleanup Status: NFA - No Further Action Facility Id: 10000279	110A SANTA ANITA TRA	WSW 1/4 - 1/2 (0.393 mi.)	2	8

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

<u>Site Name</u>	<u>Database(s)</u>
COBE CUSTON BUILDERS, INC. INERT L	SWF/LF

OVERVIEW MAP - 4921730.2S



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

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: 1200 Gresham Mil Parkway
 ADDRESS: 1200 Gresham Mil Parkway
 Canton GA 30114
 LAT/LONG: 34.139842 / 84.522221

CLIENT: Terracon, Inc.
 CONTACT: John Meadow
 INQUIRY #: 4921730.2s
 DATE: April 28, 2017 1:25 pm

DETAIL MAP - 4921730.2S



-  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
-  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: 1200 Gresham Mil Parkway
 ADDRESS: 1200 Gresham Mil Parkway
 Canton GA 30114
 LAT/LONG: 34.139842 / 84.522221

CLIENT: Terracon, Inc.
 CONTACT: John Meadow
 INQUIRY #: 4921730.2s
 DATE: April 28, 2017 1:27 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	1	0	NR	1
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	1	0	NR	NR	1
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	1	NR	NR	1
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
<i>State and tribal institutional control / engineering control registries</i>								
AUL	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
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
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
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
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
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
<i>Other Ascertainable Records</i>								
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
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
ABANDONED MINES	0.500		0	0	0	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	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

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

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	0	1	2	0	0	3

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

LITTLE RIVER LIFT STATION (Continued)

U003920772

Owner Telephone: Not reported

Tanks:

Tank ID: 1
Status: Installed Date Unknown
Status Date: Not reported

Tank ID: 1
Status: Removed From Ground
Status Date: 02/07/2003

Tank ID: 1
Product1: Diesel
Material: Fiberglass
Capacity: 1000
Pipe Material: Unknown
Pipe Type: Not Marked
Overfill Protection: No
Overfill Installed: Not reported
Tank Exempt From Spill: No
Date Spill Device Installed: Not reported

GA Financial Assurance 1:
Region: 1
Facility ID: 10000279
Financial Responsibility: Self Insured

3
NW
1/4-1/2
0.499 mi.
2636 ft.

GROUP REALTY, LLC - "TRANSANT BUILDING"
1000 TRANSANT PARKWAY
WOODSTOCK, GA 30189

GA NON-HSI S106678135
N/A

Relative:
Higher

NON HSI:
Latitude: 34.14369
Longitude: 84.520500
Ground Water Pathway Score: 6.18
On-Site Pathway Score: 14.81
Report Date: 01/01/2000
Additional Info: Not reported
Contamination: diethylphthalate

Actual:
1007 ft.

Count: 1 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
CANTON	S107666041	COBE CUSTON BUILDERS, INC. INERT L	LOT 19, TRANSART PARKWAY, THE		SWF/LF

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: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 04/21/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/17/2017
	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: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 04/21/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/17/2017
	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: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 04/21/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/17/2017
	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: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/07/2017
Number of Days to Update: 92	Next Scheduled EDR Contact: 07/17/2017
	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 know 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: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 04/21/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/31/2017
	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: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 04/25/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/31/2017
	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: 12/12/2016	Source: EPA
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-424-9346
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	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: 12/28/2016	Source: Department of the Navy
Date Data Arrived at EDR: 01/04/2017	Telephone: 843-820-7326
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 02/13/2017
Number of Days to Update: 93	Next Scheduled EDR Contact: 05/29/2017
	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: 11/15/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/29/2016	Telephone: 703-603-0695
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 02/28/2017
Number of Days to Update: 66	Next Scheduled EDR Contact: 06/12/2017
	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: 11/15/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/29/2016	Telephone: 703-603-0695
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 02/28/2017
Number of Days to Update: 66	Next Scheduled EDR Contact: 06/12/2017
	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: 03/29/2017
Next Scheduled EDR Contact: 07/10/2017
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: 03/31/2017
Next Scheduled EDR Contact: 07/10/2017
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: 09/30/2016
Date Data Arrived at EDR: 10/18/2016
Date Made Active in Reports: 01/26/2017
Number of Days to Update: 100

Source: Rindt-McDuff Associates, Inc.
Telephone: N/A
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
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: 02/01/2017
Next Scheduled EDR Contact: 05/08/2017
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: 03/15/2017
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/26/2017
	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: 01/26/2017
Number of Days to Update: 112	Next Scheduled EDR Contact: 05/08/2017
	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: 01/26/2017
Number of Days to Update: 105	Next Scheduled EDR Contact: 05/08/2017
	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: 01/24/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Semi-Annually

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: 01/26/2017
Number of Days to Update: 118	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

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: 01/26/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 05/08/2017
	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	Source: EPA, Region 5
Date Data Arrived at EDR: 04/27/2016	Telephone: 312-886-7439
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

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: 01/26/2017
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/08/2017
	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	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/11/2017
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/24/2017
	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	Source: Environmental Protection Division
Date Data Arrived at EDR: 06/09/2016	Telephone: 404-362-2687
Date Made Active in Reports: 07/20/2016	Last EDR Contact: 03/17/2017
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/26/2017
	Data Release Frequency: Annually

AST: Above Ground Storage Tanks

A listing of LP gas tank site locations.

Date of Government Version: 06/04/2012	Source: Office of Insurance & Safety Fire Commissioner
Date Data Arrived at EDR: 06/05/2012	Telephone: 404-656-5875
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 02/21/2017
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/05/2017
	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	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 120	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Semi-Annually

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: 01/26/2017
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

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: 01/26/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

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: 01/26/2017
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

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: 01/26/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

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: 01/26/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/08/2017
	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: 01/24/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/26/2017
Number of Days to Update: 119	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

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: 02/07/2017
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: Varies

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: 02/07/2017
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/22/2017
	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: 03/27/2017
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/10/2017
	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: 10/19/2016	Source: DNR
Date Data Arrived at EDR: 11/29/2016	Telephone: 404-657-8600
Date Made Active in Reports: 01/26/2017	Last EDR Contact: 02/28/2017
Number of Days to Update: 58	Next Scheduled EDR Contact: 06/12/2017
	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	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: 02/07/2017
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/22/2017
	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: 03/02/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2017	Telephone: 202-566-2777
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/03/2017
	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	Source: Department of Natural Resources
Date Data Arrived at EDR: 01/20/2004	Telephone: 404-362-2696
Date Made Active in Reports: 02/06/2004	Last EDR Contact: 01/20/2004
Number of Days to Update: 17	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

SWRCY: Recycling Center Listing

A listing of recycling facility locations.

Date of Government Version: 11/15/2016	Source: Department of Community Affairs
Date Data Arrived at EDR: 11/18/2016	Telephone: 404-679-1598
Date Made Active in Reports: 01/26/2017	Last EDR Contact: 03/27/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/10/2017
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 10/31/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: No Update Planned

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

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: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
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: 09/30/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 36

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/28/2017
Next Scheduled EDR Contact: 06/12/2017
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: 03/13/2017
Next Scheduled EDR Contact: 06/26/2017
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: 03/31/2017
Next Scheduled EDR Contact: 07/10/2017
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: 09/30/2016	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/05/2016	Telephone: 202-307-1000
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 02/28/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 06/12/2017
	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: 04/21/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/07/2017
	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: 12/28/2016	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/28/2016	Telephone: 202-366-4555
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 03/29/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 07/10/2017
	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: 03/27/2017
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/10/2017
	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: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	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: 02/24/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/05/2017
	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: 04/14/2017
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/24/2017
	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: 04/14/2017
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/24/2017
	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: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 02/03/2017
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/29/2017
	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: 10/11/2016
Date Data Arrived at EDR: 11/16/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/15/2017
Next Scheduled EDR Contact: 05/29/2017
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: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
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: 02/10/2017
Next Scheduled EDR Contact: 05/22/2017
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: 03/24/2017
Next Scheduled EDR Contact: 07/03/2017
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: 02/24/2017
Next Scheduled EDR Contact: 06/05/2017
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/06/2017
Next Scheduled EDR Contact: 06/19/2017
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: 02/01/2017
Date Data Arrived at EDR: 02/09/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/21/2017
Next Scheduled EDR Contact: 08/07/2017
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: 04/25/2017
Next Scheduled EDR Contact: 05/22/2017
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.

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: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
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: 02/17/2017
Next Scheduled EDR Contact: 06/05/2017
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: 02/17/2017
Next Scheduled EDR Contact: 06/05/2017
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: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
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: 03/06/2017
Next Scheduled EDR Contact: 06/19/2017
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.

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: 03/06/2017
Next Scheduled EDR Contact: 06/19/2017
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: 01/29/2016
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/04/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/06/2017	Telephone: 202-343-9775
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 04/06/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/17/2017
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	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	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 02/01/2017
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

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: 09/30/2016	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 11/18/2016	Telephone: Varies
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 03/27/2017
Number of Days to Update: 77	Next Scheduled EDR Contact: 07/10/2017
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/22/2017
Next Scheduled EDR Contact: 06/05/2017
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: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
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: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
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
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/21/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/21/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/07/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/07/2017
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: 02/08/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 38

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/28/2017
Next Scheduled EDR Contact: 06/12/2017
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: 03/03/2017
Next Scheduled EDR Contact: 06/12/2017
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: 03/03/2017
Next Scheduled EDR Contact: 06/12/2017
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: 03/14/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 21

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/13/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Quarterly

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: 04/07/2017
Number of Days to Update: 65	Next Scheduled EDR Contact: 06/19/2017
	Data Release Frequency: Quarterly

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: 02/24/2017
Number of Days to Update: 91	Next Scheduled EDR Contact: 06/12/2017
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 12/11/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/20/2016	Telephone: 202-564-2280
Date Made Active in Reports: 02/17/2017	Last EDR Contact: 03/21/2017
Number of Days to Update: 59	Next Scheduled EDR Contact: 07/03/2017
	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: 04/17/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 07/31/2017
	Data Release Frequency: Varies

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: 11/21/2016	Source: EPA
Date Data Arrived at EDR: 11/22/2016	Telephone: 800-385-6164
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 02/22/2017
Number of Days to Update: 73	Next Scheduled EDR Contact: 06/05/2017
	Data Release Frequency: Quarterly

AIRS: Permitted Facility & Emissions Listing

A listing of permitted Air facilities and emissions data.

Date of Government Version: 12/31/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 12/06/2016	Telephone: 404-363-7000
Date Made Active in Reports: 01/26/2017	Last EDR Contact: 02/21/2017
Number of Days to Update: 51	Next Scheduled EDR Contact: 06/05/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash landfills.

Date of Government Version: 08/01/2014
Date Data Arrived at EDR: 08/05/2014
Date Made Active in Reports: 09/02/2014
Number of Days to Update: 28

Source: Department of Natural Resources
Telephone: 404-362-2537
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
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
Date Data Arrived at EDR: 12/23/2014
Date Made Active in Reports: 01/27/2015
Number of Days to Update: 35

Source: Department of Natural Resources
Telephone: 404-363-7000
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 06/09/2016
Date Made Active in Reports: 07/20/2016
Number of Days to Update: 41

Source: Department of Natural Resources
Telephone: 404-362-4892
Last EDR Contact: 03/17/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Annually

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information listing for solid waste facilities.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/13/2016
Date Made Active in Reports: 01/26/2017
Number of Days to Update: 44

Source: Department of Natural Resources
Telephone: 404-362-2537
Last EDR Contact: 03/13/2017
Next Scheduled EDR Contact: 06/26/2017
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
Date Data Arrived at EDR: 05/11/2016
Date Made Active in Reports: 07/20/2016
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: 404-362-2680
Last EDR Contact: 02/10/2017
Next Scheduled EDR Contact: 05/22/2017
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
Date Data Arrived at EDR: 08/29/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: 404-656-4852
Last EDR Contact: 02/24/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/29/2016	Telephone: N/A
Date Made Active in Reports: 01/03/2017	Last EDR Contact: 04/11/2017
Number of Days to Update: 96	Next Scheduled EDR Contact: 07/24/2017
	Data Release Frequency: Annually

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: 01/30/2017	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/01/2017	Telephone: 518-402-8651
Date Made Active in Reports: 02/13/2017	Last EDR Contact: 02/01/2017
Number of Days to Update: 12	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/18/2017
Next Scheduled EDR Contact: 07/31/2017
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: 02/21/2017
Next Scheduled EDR Contact: 06/05/2017
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: 03/13/2017
Next Scheduled EDR Contact: 06/26/2017
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

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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.

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

1200 GRESHAM MIL PARKWAY
1200 GRESHAM MIL PARKWAY
CANTON, GA 30114

TARGET PROPERTY COORDINATES

Latitude (North): 34.139842 - 34° 8' 23.43"
Longitude (West): 84.522221 - 84° 31' 20.00"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 728473.6
UTM Y (Meters): 3780240.2
Elevation: 965 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 6045761 SOUTH CANTON, GA
Version Date: 2014

Southwest Map: 6045743 KENNESAW, 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).

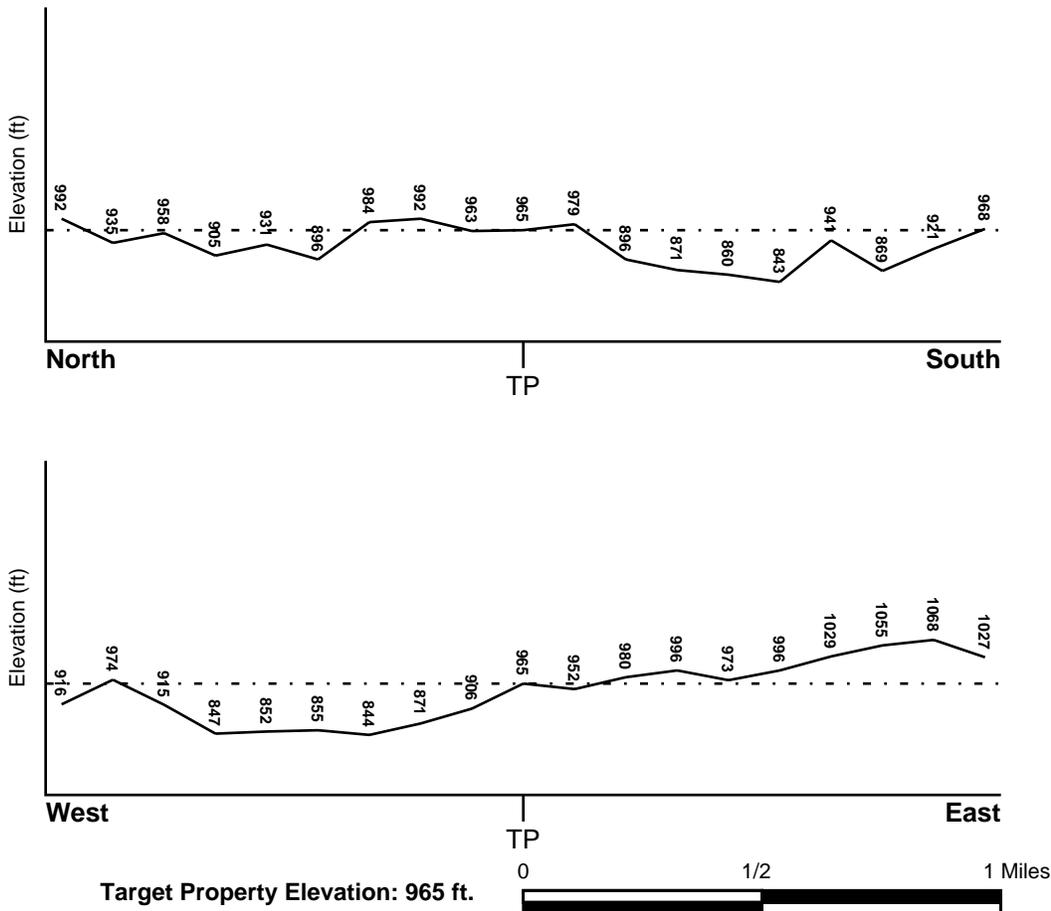
TOPOGRAPHIC INFORMATION

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 SW

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>
13057C0244D	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
13057C0243D	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
SOUTH CANTON	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 FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

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: Precambrian
System: Precambrian
Series: Paragneiss and schist
Code: Ym (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Metamorphic Rocks

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: DAVIDSON

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet 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	7 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50
2	7 inches	12 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50
3	12 inches	53 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50
4	53 inches	72 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 2.00 Min: 0.60	Max: 6.50 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: sandy loam
sandy clay loam
gravelly - clay loam

Surficial Soil Types: sandy loam
sandy clay loam
gravelly - clay loam

Shallow Soil Types: clay
sandy clay
sandy clay loam
gravelly - clay loam

Deeper Soil Types: fine sandy loam
sandy loam
loamy sand
weathered bedrock

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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.

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

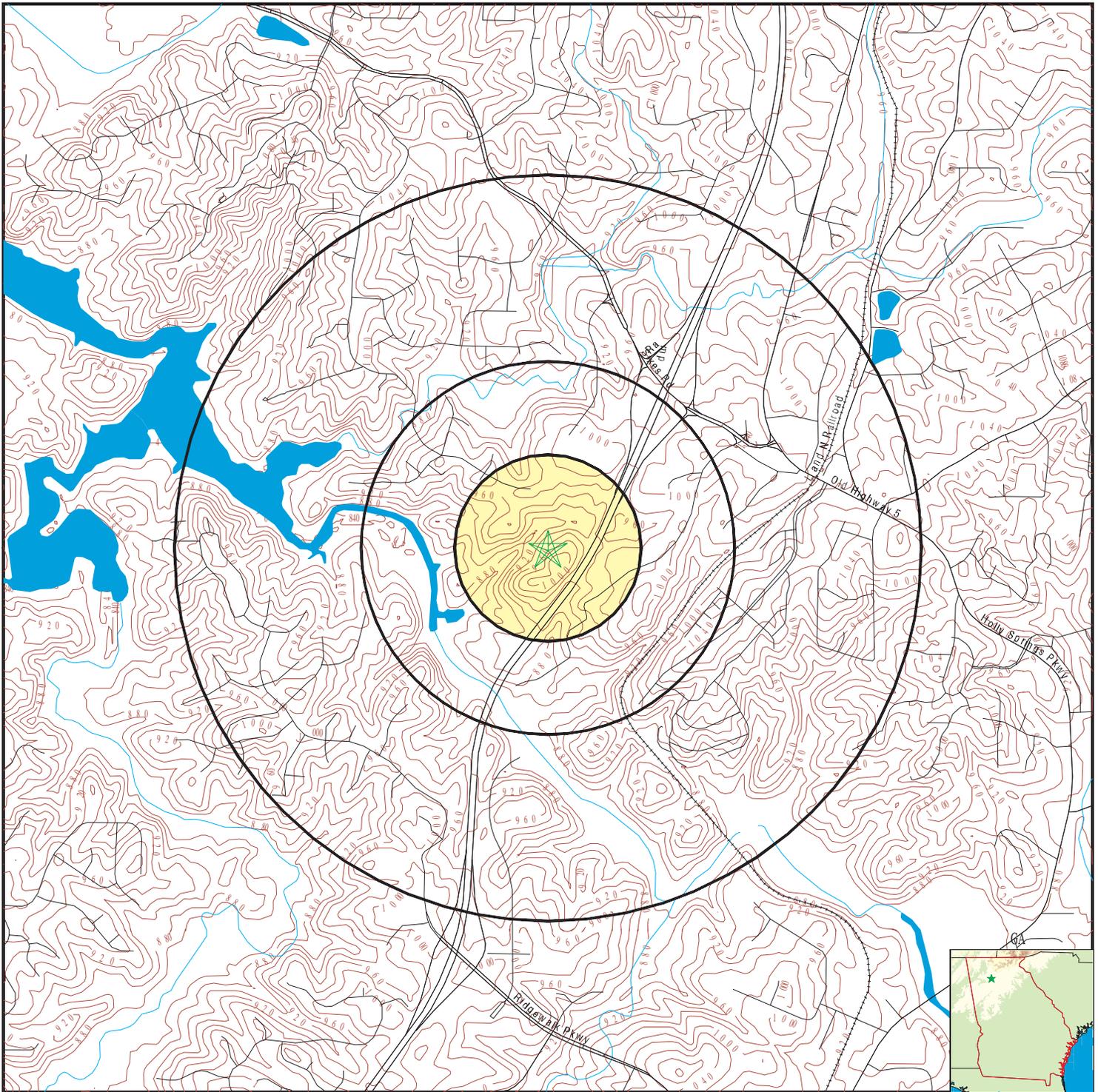
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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 - 4921730.2s



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



SITE NAME: 1200 Gresham Mil Parkway
 ADDRESS: 1200 Gresham Mil Parkway
 Canton GA 30114
 LAT/LONG: 34.139842 / 84.522221

CLIENT: Terracon, Inc.
 CONTACT: John Meadow
 INQUIRY #: 4921730.2s
 DATE: April 28, 2017 1:28 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for CHEROKEE County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 30114

Number of sites tested: 3

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.200 pCi/L	100%	0%	0%

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 E

JOHN A. MEADOW

PRINCIPAL / ENVIRONMENTAL DEPARTMENT MANAGER

PROFESSIONAL EXPERIENCE

Mr. Meadow manages the Environmental Department of Terracon's Atlanta office as well as national accounts for Terracon's Environmental Group with primary responsibilities ranging from client development, technical review, project execution and personal supervision of environmental staff. Mr. Meadow provides overall management, training, quality control and technical review of the Environmental Group's activities, conducts engineering and environmental evaluations and serves as a key client contact.

Mr. Meadow has over 25 years of professional experience in the environmental consulting field. This experience includes geological, hydrogeological, geotechnical, and various aspects of environmental sampling and remediation activities. Mr. Meadow has extensive expertise in the area of due diligence which has included the coordination, management and implementation of several thousand real estate and commercial property assessments nationally for various lending institutions and private industry.

PROGRAM MANAGEMENT

Mr. Meadow currently serves as Program Manager for numerous banks, financial lending institutions, law firms, property developers, and national petroleum marketers. Program management tasks include and have included due diligence/environmental site assessment (ESA) coordination for individual sites and portfolios of real property assets nationwide.

ENVIRONMENTAL ASSESSMENTS

Mr. Meadow coordinates and oversees environmental site assessment (ESA) projects for various clients and as such has thorough understanding of current ASTM due diligence guidelines. Work scopes often include business environmental risk issue such as asbestos, lead-based paint, radon gas, mold-related issues and lead in drinking water sampling and operations and maintenance programs.

REMEDIAL ACTION

Mr. Meadow has managed regulatory compliance; release response; hydrogeologic investigations; RCRA groundwater monitoring; corrective action plans (CAP); remedial action projects; closure/upgrade, remediation and installation of underground and aboveground storage tank (UST/AST) fuel systems for national petroleum retailers; contractor oversight; dense non-aqueous phase liquids (DNAPL) investigations and remediation; polychlorinated biphenyl (PCB) investigations; asbestos and lead-based paint assessments and abatement projects; technical reviews; Spill Prevention Countermeasures and Control (SPCC) Plans; Stormwater Pollution Prevention (SWPP) Plans, as well as water resources development. These studies have been conducted under various regulatory programs including RCRA, CERCLA, CWA, numerous state equivalent programs as well as voluntary cleanup projects. Mr. Meadow has experience with soil/vapor extraction, air sparging, bioremediation, excavation and offsite disposal, thermal treatment and natural attenuation.

Education

*Undergraduate Studies, Geology,
Kennesaw State College*
*Undergraduate Studies, Geology,
DeKalb Community College*

Certifications

*AHERA - Accredited Building
Inspector for Asbestos, 1995*
*AHERA - Accredited Building
Inspector for Asbestos, Update
Training, 1999*
*1995 Certified Asbestos Inspector,
Mississippi (No. I-252-04-9828),
1996*
*The Georgia Institute for Storage
Tank Management, Certification
No. 1039, December 1995*
*40-hour OSHA Health and Safety
Certification (29 CFR 1910.120),
1983*
*8-hour OSHA Health and Safety
Annual Update Certification, 2000*
*8-hour OSHA Health and Safety
Training Supervisors Certification,
1990*

Affiliations

Georgia Oilmen's Association
*Association of Groundwater
Scientists and Engineers*
*Environmental Assessment
Association*
Georgia Ground Water Association
*National Water Well Association
(NWWA)*

Work History

*Terracon, Manager, Environmental
Division, 1999-present*
*SECOR International Incorporated,
Senior Project Manager, Branch
Manager, 1993-1999*
*Exploration Products, Inc. (EPI),
President, General Manager,
1991-1992*
*Dames & Moore, Staff Scientist,
1979-1991*

Conor Dowling

SENIOR PROJECT SCIENTIST

PROFESSIONAL EXPERIENCE

Mr. Dowling is a Senior Project Scientist in the Atlanta, Georgia, office with over 25 years of relative experience in the environmental consulting field. Primary responsibilities include client development, technical review, project execution and personal supervision of environmental staff. Mr. Dowling manages a variety of environmental projects including Phase I Environmental Site Assessments (ESA), Limited Site Investigations (LSI), and corrective action projects. As a project manager, Mr. Dowling's responsibilities include close client interaction to ensure the desired scope of work is developed to meet specific needs and project results.

PROJECT EXPERIENCE

Due Diligence Assessments

Project Manager for hundreds of Phase I ESA projects involving industrial, commercial, and telecommunications tower sites nationally for an extensive and varied client base including lending institutions, real estate investment trusts, developers, insurance companies, law firms, and private industrial entities using American Society for Testing and Materials (ASTM) and client-specific due diligence guidelines.

Limited Site Investigations

Project Manager for numerous LSI projects including underground storage tank (UST) and aboveground storage tank (AST) investigations and system installations throughout the U.S. with typical project duties consisting of work scope development; geophysical surveys; drilling coordination and oversight (soil borings and groundwater monitoring and recovery well installations); collection of soil and groundwater samples for laboratory analysis; slug tests; aquifer tests; groundwater flow mapping using various industry softwares; data analysis; state agency interaction; client management, technical report writing; corrective action plan (CAP); and Georgia Environmental Protection Division (EPD)-specific compliance status report (CSR) development.

Corrective Actions and Remediation Projects

Project management involvement in remediation sites on a national basis has included soil removal projects for volatile organic compounds (VOC) and polychlorinated biphenyls (PCB) impacts including contaminant manifesting and transportation coordination. UST corrective action/remediation projects have included management of groundwater treatment systems with air sparging and vacuum extraction for petroleum impacts; CAP-A, CAP-B, and groundwater modeling for risk assessments with responsibility for acquiring regulatory closure. Such projects require research and interpretation of regulations from non-resident states to accurately negotiate the regulatory process. Managed various corrective action projects through voluntary cleanup programs, leading to regulatory.

Brownfield and Voluntary Cleanup Programs

Project Manager for GEPD Brownfield projects including preparing Brownfield Applications and Corrective Action Plans and Prospective Purchaser Compliance Status Reports. Also serves as a National Account Manager for clients performing brownfield and voluntary cleanup operations nationwide. Performs senior technical review of site characterizations and risk assessments nationwide with utilization of institutional and engineering controls including to manage risks.



EDUCATION

Bachelor of Science, Environmental Science, University of Florida

REGISTRATIONS

40-Hour HAZWOPER and Updates

Terracon Authorized Project Reviewer

Terracon Environmental Professional

WORK HISTORY

Terracon Consultants, Inc., Terracon, Senior Project Scientist, 2004-Present

LMI Consulting, Senior Project Scientist, 2003-2004

Piedmont GeoScience, Inc., Project Scientist, 1998-2002

Russell Environmental Services, Environmental Scientist/Project Manager, 1997-1997

CURA Environmental Services, Environmental Scientist, 1993-1997

Delta Environmental Consultants, Environmental Scientist, 1991-1993

Jennifer K. Wood

STAFF ENVIRONMENTAL SCIENTIST

PROFESSIONAL EXPERIENCE

Ms. Wood is a Staff Environmental Scientist in Terracon's Lawrenceville, Georgia office. Project duties include Phase I Environmental Site Assessments (ESAs), National Environmental Policy Act (NEPA) reviews, and jurisdictional waters delineations. She is responsible for site reconnaissance, site research, natural resources interpretation, regulatory research, and technical report writing.

PROJECT EXPERIENCE

DUE DILIGENCE ASSESSMENTS

Project Manager for more than 500 ESA projects involving industrial, commercial, agricultural, multi-family residential properties, and telecommunications tower sites for a varied client base using ASTM and client-specific due diligence guidelines. Example properties assessed include office buildings in dense urban settings, multi-tenant retail facilities, multi-family residential properties, various industrial/manufacturing facilities, and telecommunications tower facilities.

WETLAND AND STREAM DELINEATIONS

Performed various jurisdictional water delineations for properties throughout Georgia, Florida, and South Carolina for telecommunications, industrial, and railroad.

NEPA REVIEWS

Prepared NEPA evaluations for telecommunications towers/utility easements in accordance with FCC NEPA Regulations (Title 47 of the Code of Federal Regulations (CFR), Part 1, Subpart I, rule section 1.1307(a)(4), as amended by the Nationwide Programmatic Agreement for the Collocation of Wireless Antennas (47 CFR Part 1, Appendix B) and the Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process (47 CFR Part 1, Appendix C) throughout the United States. Project responsibilities consisted of evaluating for the presence/absence of wetlands, floodplains, federal/tribal land, threatened and endangered species, critical habitat, historic resources, and archaeological resources impacted by the proposed undertaking. Agency consultation experience included Section 7 consultation with the United States Fish and Wildlife (USFWS) agency, state wildlife/natural resource agency, and federally recognized American Indian Tribes.

EDUCATION

Bachelor of Science, Applied
Environmental Spatial Analysis,
Spring 2014, University of North
Georgia

Geographic Information Science
Certificate, Spring 2014, University of
North Georgia

Environmental Science Certificate,
Spring 2014, University of North
Georgia

CERTIFICATIONS

40-hour Basic Wetland Delineation,
June 2015-Present

WORK HISTORY

Terracon, Staff Environmental
Scientist, September 2014 – Present

Terracon, Environmental Engineer
Intern, June 2014 – August 2014

APPENDIX F

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	Aboveground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface
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

Description of Selected General Terms and Acronyms (cont.)

Term/Acronym	Description
CREC	Controlled Recognized Environmental Condition is defined in ASTM E 1527-13 as “a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority) , with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report.”
DOT	U.S. Department of Transportation
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 is defined in ASTM E 1527-13 as “a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition.”
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.

Description of Selected General Terms and Acronyms (cont.)

Term/Acronym	Description
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/L	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/TS Ds	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/TS Ds	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 in, on, or at a property: 1) due to any release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment. <i>De minimis</i> conditions are not recognized environmental conditions."
SCL	State "CERCLIS" List (see SPL /State Priority List, below).

Description of Selected General Terms and Acronyms (cont.)

Term/Acronym	Description
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
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.
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small quantity generator.
SWF	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 E1527-05, 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

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

APPENDIX G

ASTM E 1527-13 USER QUESTIONNAIRE

Page 1 of 3

Proposal No: P49177300

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Relief and Brownfields Revitalization Act of 2002 (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: 1200 Gresham Mill Parkway, Canton, Cherokee County, Georgia

1) Did a search of records 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) Does the purchase price being paid for this site reasonably reflect the fair market value of the site (40 CFR 312.29)?

No Yes

If no, have you considered whether the lower purchase price is 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.

Please return this form with the signed and completed Agreement for Services.

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.

Item Supplied "X"	Not Applicable, Not Available or Not Known "X"	Item Requested (See Proposal)	Contacts/Comments or Indicate Attachment
		Point of Contact for Access	Name/Phone:
		Current Site Owner <i>Cherokee County</i>	Name/Phone: <i>Jerry Cooper, County Manager jcooper@cherokee.ga.com 678-493-6001</i>
		Current Facility Operator	Name/Phone:
		Contacts for Prior Owners	Name/Phone:
		Contacts for Prior Occupants	Name/Phone:
		Access Restrictions	
		Notification of Special Requirements Regarding Confidentiality	
		Legal Description and Diagram / Survey of Site	
		Chain of Title with Grantor/Grantee Summary (back to 1940 or first developed use)	
		Reasons for Conducting ESA	

Site: 1200 Gresham Mill Parkway, Canton, Cherokee County, Georgia

Please return this form with the signed and completed Agreement for Services.

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"/> Reports regarding hydrogeologic conditions on the property or surrounding area | <input type="checkbox"/> Registrations for underground injection systems |
| <input type="checkbox"/> Registrations for above or underground storage tanks | <input type="checkbox"/> Environmental permits/plans, solid waste permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits, SPCC plans |

Miami Residential / KIM BUCKLEW
Name (Authorized Client Representative)

Managing Director
Title

Kim Bucklew
Signature

4/20/2017
Date

Site: 1200 Gresham Mill Parkway, Canton, Cherokee County, Georgia

Please return this form with the signed and completed Agreement for Services.



Environmental Lien & AUL Search Report

49177300

**1200 GRESHAM MILL PARKWAY
CANTON, GA**

AFX Order #79-46437-47

05/22/2017

AFX Research, LLC

211B Tank Farm Rd San Luis Obispo, CA 93401
(877) 848-5337 / www.afxllc.com

ENVIRONMENTAL LIEN REPORT

49177300

The AFX Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

GRESHAM MILL PKWY
GEORGIA

RESEARCH SOURCE

Source 1: CHEROKEE COUNTY RECORDER OF DEEDS

Source 2: ENVIRONMENTAL PROTECTION AGENCY

Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEED INFORMATION

Type of Instrument: WARRANTY DEED

Grantor: MBC PARTNERS LP

Grantee: CHEROKEE COUNTY, GA

Deed Dated: 11/04/2010

Deed Recorded: 11/15/2010

Instrument: 11206/478

LEGAL DESCRIPTION

LL 636,637,660,661; 15TH

Assessor's Parcel Number (s): 015N10-00000-018-000-0000

AFX Research, LLC

211B Tank Farm Rd San Luis Obispo, CA 93402
(877) 848-5337 Fax: (800) 201-0620

ENVIRONMENTAL LIEN REPORT

49177300

ENVIRONMENTAL LIEN

Environmental Lien: Found
 Not Found

If Found Describe:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found
 Not Found

If Found Describe:

Thank you for your order!

Please contact our office at (877) 848-5337 with any questions.

The AFX Research, LLC Environmental Lien & AUL Search Report, provides results from available current land title records for environmental cleanup liens and other activities and use limitations, such as engineering and institutional controls.

A network of trained, professional researchers, following established industry protocols, use client supplied property information to search for:

- Parcel information and / or legal description
- Ownership information
- Official land title documents recorded at jurisdictional agencies such as recorder's' office, registries of deeds, county clerks' offices, etc.
- Access a copy of the deed
- Environmental encumbrance(s) associate with the deed
- Provide a copy of any environmental encumbrance(s) based upon a review of keywords in the instrument(s) (title, parties involved and description)
- Provide a copy of the deed or cite documents reviewed

AFX Research, LLC

211B Tank Farm Rd San Luis Obispo, CA 93402
(877) 848-5337 Fax: (800) 201-0620

ENVIRONMENTAL LIEN REPORT

49177300

-Disclaimer-

This report was prepared for the use of **AFX Research LLC** (AFX), exclusively. This report is neither a guarantee of title, a commitment to insure, nor a policy of title insurance. **NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT.** AFX specifically disclaims the making of any such warranties, including without limitation, merchantability or fitness for a particular use or purpose. The information contained in this report is retrieved as it is recorded from the various agencies that make it available. The total liability is limited to the fee paid for this report.

AFX Research, LLC

211B Tank Farm Rd San Luis Obispo, CA 93402
(877) 848-5337 Fax: (800) 201-0620



AFX 1940 Chain of Title Search Report

Reference # 49177300-COT

1200 GRESHAM MILL PKWY

CANTON, GA

AFX Order # 79-46438-47

05/22/2017

AFX Research, LLC

211B Tank Farm Rd San Luis Obispo, CA 93401
(877) 848-5337 / www.afxllc.com

Historical Chain of Title - Reference #49177300-COT

TITLE TO THE ESTATE OR INTEREST COVERED BY THIS REPORT APPEARS TO BE VESTED IN:

CHEROKEE COUNTY, GEORGIA

THE FOLLOWING IS THE CURRENT PROPERTY LEGAL DESCRIPTION (SEE DEED FOR FULL LEGAL DESCRIPTION):

ASSESSOR'S PARCEL NUMBER(S): **015N10-00000-018-000-0000**

RECORDS WERE SEARCHED AT THE CHEROKEE COUNTY ASSESSOR'S OFFICE AND THE CHEROKEE COUNTY CLERK'S OFFICE BACK TO 1940. THE FOLLOWING CONVEYANCES WERE FOUND OF RECORD.

1. **DEED TYPE:** WARRANTY
 DEED DATE: 11/04/2010
 RECORDED: 11/15/2010
 GRANTOR: MBC PARTNERS, L.P.
 GRANTEE: CHEROKEE COUNTY, GEORGIA
 INSTRUMENT: 11206/478
 NOTES:

2. **DEED TYPE:** DEED
 DEED DATE: 07/23/1996
 RECORDED: 09/05/1996
 GRANTOR: FEDERAL EXPRESS CORPORATION
 GRANTEE: MBC PARTNERS, L.P.
 INSTRUMENT: 2488/262
 NOTES:



Historical Chain of Title - Reference #49177300-COT

3. **DEED TYPE:** FORECLOSURE DEED
DEED DATE: 10/04/1995
RECORDED: 10/31/1995
GRANTOR: FEDERAL EXPRESS CORPORATION, AS SUCCESSOR BY MERGER TO THE FLYING TIGER LINE, INC/ CHEROKEE FALLS INVESTMENT, INC
GRANTEE: FEDERAL EXPRESS CORPORATION
INSTRUMENT: 2219/14
NOTES:
4. **DEED TYPE:** DEED
DEED DATE: 12/10/1984
RECORDED: 03/08/1985
GRANTOR: JOSEPH H. HALL
GRANTEE: CHEROKEE FALLS INVESTMENT, INC.
INSTRUMENT: 445/150
NOTES:
5. **DEED TYPE:** DEED
DEED DATE: 12/10/1984
RECORDED: 03/08/1985
GRANTOR: WILLIAM CROLLEY
GRANTEE: CHEROKEE FALLS INVESTMENT, INC.
INSTRUMENT: 445/148
NOTES:
6. **DEED TYPE:** DEED
DEED DATE: 12/10/1984
RECORDED: 03/08/1985
GRANTOR: JARREL C. BRANTLEY
GRANTEE: CHEROKEE FALLS INVESTMENT, INC.
INSTRUMENT: 445/146
NOTES:



Historical Chain of Title - Reference #49177300-COT

7. **DEED TYPE:** DEED
 DEED DATE: 03/25/1981
 RECORDED: 06/03/1981
 GRANTOR: KRAFT LAND SERVICES, INC.
 GRANTEE: JARREL C. BRANTLEY, WILLIAM L. CROLLEY, AND JOSEPH H. HALL, D/B/A C.B.H.
PROPERTIES
 INSTRUMENT: 305/10
 NOTES:
8. **DEED TYPE:** DEED
 DEED DATE: 03/25/1981
 RECORDED: 03/27/1981
 GRANTOR: KRAFT LAND SERVICES, INC., F/K/A PROPERTY MANAGEMENT SERVICES, INC
 GRANTEE: JARREL C. BRANTLEY, WILLIAM L. CROLLEY, AND JOSEPH H. HALL, D/B/A C.B.H.
PROPERTIES
 INSTRUMENT: 301/485
 NOTES:
9. **DEED TYPE:** DEED
 DEED DATE: 11/15/1973
 RECORDED: 11/23/1973
 GRANTOR: GEORGIA KRAFT COMPANY, F/K/A ROME KRAFT COMPANY
 GRANTEE: PROPERTY MANAGEMENT SERVICES, INC.
 INSTRUMENT: 152/582
 NOTES:
10. **DEED TYPE:** DEED
 DEED DATE: 02/10/1960
 RECORDED: 02/18/1960
 GRANTOR: MARK A. HARRIS, ET AL
 GRANTEE: ROME KRAFT COMPANY
 INSTRUMENT: 53/518
 NOTES:



Historical Chain of Title - Reference #49177300-COT

11. **DEED TYPE:** DEED
 DEED DATE: 07/13/1948
 RECORDED: 07/20/1948
 GRANTOR: JAMES T. WILLOUGHBY
 GRANTEE: MARK A. HARRIS, ET AL
 INSTRUMENT: 18/690
 NOTES:
12. **DEED TYPE:** DEED
 DEED DATE: 05/24/1937
 RECORDED: 06/02/1937
 GRANTOR: WILLIAM SPERIN AND LINDA SPERIN
 GRANTEE: JAMES T. WILLOUGHBY
 INSTRUMENT: 4/623
 NOTES:



2. LEASES AND MISCELLANEOUS

LESSOR: NONE IDENTIFIED

LESSEE:

LEASE DATE:

RECORDED DATE:

INSTRUMENT #:

LEASE TYPE:

COMMENTS:

Thank you for your order!
Please contact our office at (877) 848-5337
AFX Research, LLC

Project CHEROKEE COUNTY GOVERNMENT

This **AFX Research, LLC** Chain of Title Report tracks a line of successive owners from the present back to 1940 of a particular parcel of real property, linked together by recorded transactions which pass title. This report provides a summary of a property's historical ownership.

A network of trained, professional researchers, following established industry protocols, use client supplied property information to search for:

- Historical Chain of Title Research
- Leases and Miscellaneous

-Disclaimer-

This report was prepared for the use of **AFX Research LLC (AFX)**, exclusively. This report is neither a guarantee of title, a commitment to insure, nor a policy of title insurance. **NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT.** AFX specifically disclaims the making of any such warranties, including without limitation, merchantability or fitness for a particular use or purpose. The information contained in this report is retrieved as it is recorded from the various agencies that make it available. The total liability is limited to the fee paid for this report.



Transfer Tax \$0.00
Patty Baker
Clerk of Superior Court Cherokee Cty, GA

After Recording Return To:
Paul N. Higbee, Jr., Esq.
Jarrard & Davis, LLP
105 Pilgrim Village Drive, Suite 200
Cumming, GA 30040

WARRANTY DEED

STATE OF GEORGIA
COUNTY OF CHEROKEE

THIS INDENTURE, made the 4th day of November, 2010, between **MBC PARTNERS, L.P., a Georgia limited partnership** (hereinafter referred to as "Grantor") and **CHEROKEE COUNTY, GEORGIA**, a body politic and corporate and a political subdivision of the State of Georgia (hereinafter referred to as "Grantee") (the words "Grantor" and "Grantee" to include their respective heirs, executors, administrators, successors and assigns, where the context requires or permits):

WITNESSETH:

That Grantor, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration to Grantor in hand paid, at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold and conveyed and does by these presents grant, bargain, sell and convey unto Grantee, subject to the life estate interest described below, the following described real property located in Cherokee County, Georgia:

ALL THAT TRACT OR PARCEL OF LAND lying and being in Land Lots 636, 637, 660 and 661 of the 15th Land District, 2nd Section, Cherokee County, Georgia, and being more particularly described in Exhibit "A."

TO HAVE AND TO HOLD the said described property, with all and singular the rights, members and appurtenances thereunto appertaining, to the only proper use, benefit and behoof of Grantee, in FEE SIMPLE,

And Grantor will warrant and forever defend the right and title to the above-described property unto Grantee against the claims of all persons whomsoever.

IN WITNESS WHEREOF, Grantor has signed and sealed this Warranty Deed, the day and year first above written.

[SIGNATURES ON THE FOLLOWING PAGE]

GRANTOR:

Signed and sealed in the presence of:

MBC PARTNERS, L.P.

Carol Hight
Witness

Jarrel Brantley (SEAL)
Jarrel Brantley, General Partner

Chris [Signature]
NOTARY PUBLIC

[Notary Seal] Notary Public, Cherokee County, Georgia
My Commission Expires March 3, 2014

SEAL

COPY

EXHIBIT "A"

A tract of land situated in Land Lots 636, 637, 660 and 661, 15th District, 2nd Section, City of Holly Springs, Cherokee County, Georgia, the bearings of which are based on State Plane Grid System (Georgia West Zone) and being more particularly described as follows:

Begin at a Corp of Engineers monument marked 660 / 661 for Allatoona Reservoir at the southwest corner of land lot 661; thence along the west line of land lot 661 and the Allatoona Reservoir N00°31'44"E for a distance of 677.62 feet to a Corp of Engineers monument marked L 4-2; thence leaving said land lot line and running west along the Allatoona Reservoir N89°02'17"W for a distance of 652.07 feet to a broken Corp of Engineers monument designation L 04-1; thence leaving said line and running north along the Allatoona Reservoir N00°42'25"E for a distance of 560.91 feet to a 5/8 inch re-bar at the southwest corner of lot 241 of The Falls of Cherokee Unit-9, plat book 80 page 55, as recorded in Cherokee County, Georgia Records; thence northeasterly along said subdivision line and into land lot 637, N53°21'43"E for a distance of 728.04 feet to a 1/2 inch re-bar at the intersection of the abandoned Old Transart Parkway and property of unknown ownership; thence along said abandoned old road S73°40'55"E for a distance of 86.97 feet to a 1/2 inch capped re-bar; thence continuing along said abandoned old road into land lot 636, S82°08'48"E for a distance of 69.86 feet to a 1/2 inch capped re-bar; thence N89°17'22"E for a distance of 142.73 feet to a 1/2 inch re-bar at property now or formerly owned by Group Realty (Transart), LLC; thence along said property S06°26'44"E for a distance of 292.98 feet to a 1/2 inch capped re-bar at the intersection of said line with the north line of land lot 661; thence along said property line and land lot line S88°44'51"E for a distance of 896.15 feet to westerly right-of-way of Interstate 575 at a 1/2 inch re-bar 0.14 feet east of right-of-way; thence southwesterly along said right-of-way 581.04 feet along the arc of a curve, concave to the northwest, having a central angle of 06°01'14", a radius of 5,529.54 feet, and a chord bearing and distance of S27°15'10"W and 580.77 feet to a concrete r/w monument; thence S40°13'52"W for a distance of 195.61 feet to a concrete r/w monument; thence S34°07'41"W for a distance of 383.45 feet to a concrete r/w monument; thence S28°49'24"W for a distance of 201.63 feet to a concrete r/w monument; thence S38°19'43"W for a distance of 238.89 feet to a 1/2 inch re-bar at the intersection of said right-of-way with the south line of land lot 661; thence along said land lot line N88°53'00"W for a distance of 316.88 feet to a Corp of Engineers monument marked 660 / 661 for Allatoona Reservoir at the southwest corner of land lot 661 the **Point of Beginning** of said tract.

Containing 37.66 acres or 1,640,529 square feet being more specifically shown on a Boundary and Topographic Survey prepared for Cherokee County, Georgia by Ross Consulting Engineers, P.C., dated: June 11, 2010, last revised: June 17, 2010, (Job No. 10029) unto which reference is hereby made.