



June 9, 2012

Mr. Bill Gross
c/o W.H. Gross Construction Co.
P.O. Box 365
Kingsland, GA 31548

SUBJECT: Wetland & Floodplain Evaluation Letter
The Preserve at Ogeechee
Quacco Road
Savannah, Chatham County, Georgia
GEC Job #120315.240

Dear Mr. Gross:

Per your request, Geotechnical & Environmental Consultants, Inc. (GEC) has reviewed the National Wetlands Inventory (NWI) map and the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) to determine if these records indicate potential wetland and/or floodplain concerns on the above property. According to the NWI map, no wetland areas were identified on the property; however there are wetlands adjacent to the southern and western portions of the subject property. The attached site plan indicates that the adjacent wetland area will have a 100-foot buffer as established by the Georgia Department of Community Affairs.

The subject property is found on the Chatham County, Georgia Flood Insurance Rate Map (13051C0140F) dated September 26, 2008. According to the FIRM map, the southern and western portions of the subject property are located in a Special Flood Hazard area subject to inundation by a 1% annual chance flood. The attached site plan indicates that the flood plain area will have a 100-foot buffer as established by the Georgia Department of Community Affairs. The proposed entrance to the subject property will slightly encroach the buffer area; however, the construction materials used in this area will be pervious materials and will not impact the floodplain. GEC, therefore, does not anticipate that a flooding hazard will deter the development of the subject property.

A copy of the NWI and FIRM maps is included as an attachment.

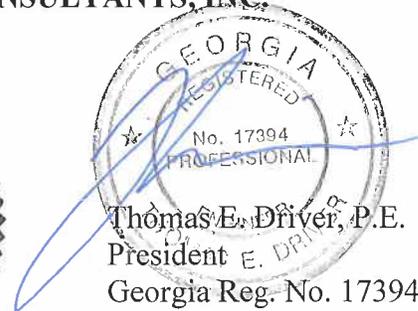
GEC appreciates the opportunity to be of service to you. If you have any questions, or need further assistance, please do not hesitate to call.

Sincerely,

GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS, INC.



Mary A. Brooks, PWS
Wetland Services Director



Thomas E. Driver, P.E.
President
Georgia Reg. No. 17394



U.S. Fish and Wildlife Service
National Wetlands Inventory



Jun 9, 2012



Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currency of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

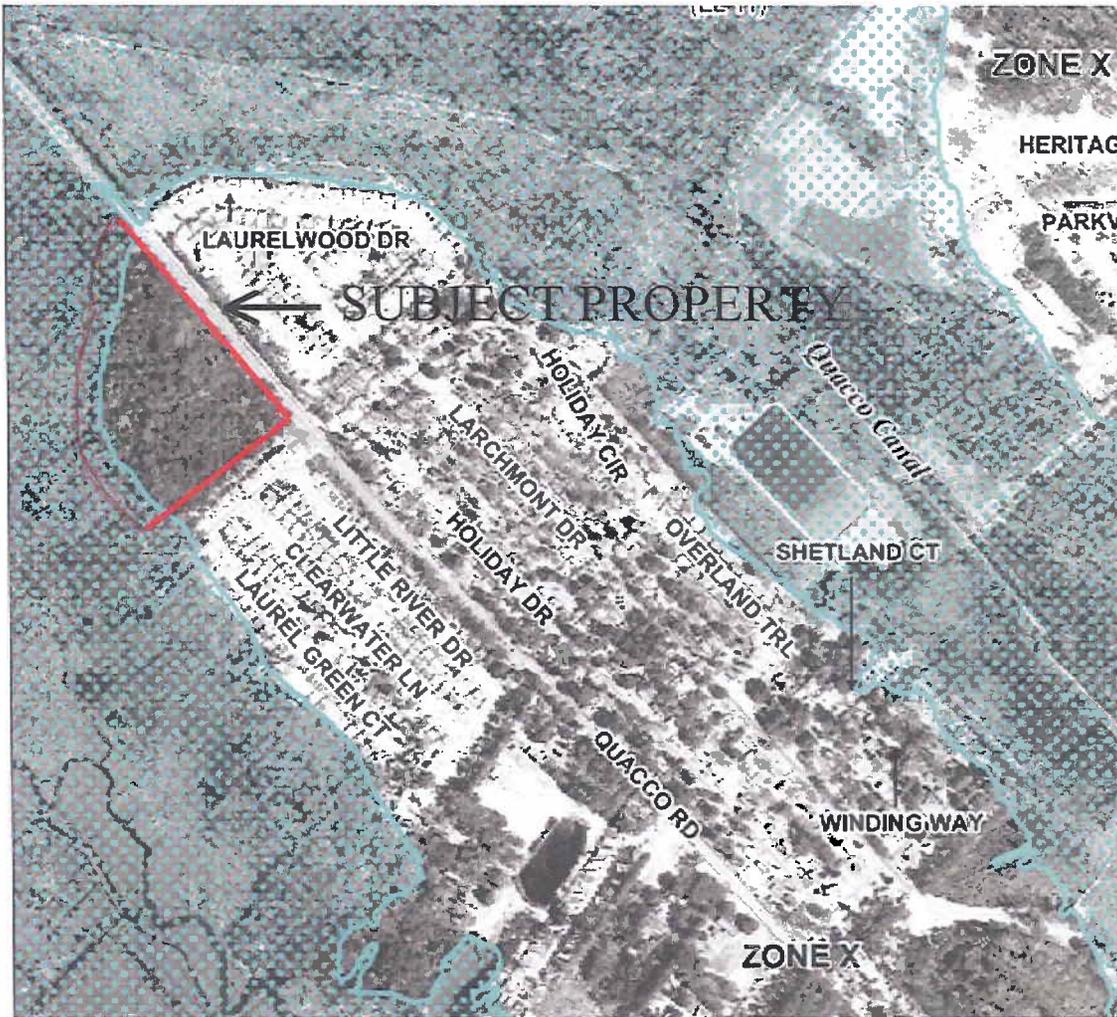
User Remarks:

National Wetlands Inventory (NWI) Map
 The Preserve @ Ogeechee
 Savannah, Chatham County, Georgia
 GEC Project No. 120315.240
 Approximate Scale: 1"=1,100'
 Source: U.S. Fish & Wildlife Service

GEC

GEOTECHNICAL & ENVIRONMENTAL
 CONSULTANTS, INC.

514 Hillcrest Industrial Blvd. Macon, GA 31204 Tel: (478) 757-1606 Fax: (478) 757-1608
 6202 West Hamilton Park Drive Columbus, GA 31909 Tel: (706) 569-0008 Fax: (706) 569-0940



NFP
 NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0140F

FIRM

FLOOD INSURANCE RATE MAP

CHATHAM COUNTY,
GEORGIA

AND INCORPORATED AREAS

PANEL 140 OF 455

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
CHATHAM COUNTY	130030	0140	F
GARDEN CITY, CITY OF	135161	0140	F
SAVANNAH, CITY OF	135163	0140	F

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
13051C0140F

EFFECTIVE DATE
SEPTEMBER 26, 2008

Federal Emergency Management Agency

Flood Insurance Rate Map (FIRM)
The Preserve @ Ogeechee
Savannah, Chatham County, Georgia
GEC Project No. 120315.240
Approximate Scale: 1"= 970'
Source: FEMA Map Service Center Website

GEC
GEOTECHNICAL & ENVIRONMENTAL
CONSULTANTS, INC.

514 Hillcrest Industrial Blvd. Macon, GA 31204 Tel: (478) 757-1606 Fax: (478) 757-1608
 6202 West Hamilton Park Drive Columbus, GA 31909 Tel: (706) 569-0008 Fax: (706) 569-0940

LEGEND



SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

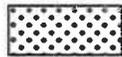
The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.



FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.



OTHER FLOOD AREAS

- ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.



OTHER AREAS

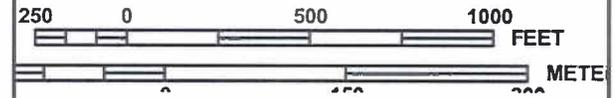
- ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
- ZONE D** Areas in which flood hazards are undetermined, but possible.



COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS



MAP SCALE 1" = 500'



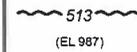
OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary



Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.



Base Flood Elevation line and value; elevation in feet*

(EL 987)

Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988



Cross section line



Transect line



Modeled Node Label

45° 02' 08", 93° 02' 12"

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere

4989000FT

5000-foot grid ticks: Georgia State Plane coordinate system, East zone (FIPS Zone 1001), Transverse Mercator

4989000m N

1000-meter Universal Transverse Mercator grid values, zone 17

DX5510 X

Bench mark (see explanation in Notes to Users section of this FIRM panel)

* M1.5

River Mile

MAP REPOSITORY
Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
SEPTEMBER 26, 2008

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.



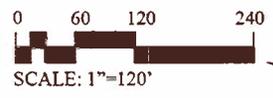
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



SEE CSP.2 FOR
ADDITIONAL
PROJECT DATA

LEGEND

-  EXISTING TREES
-  NEW TREES
-  100' DCA FLOOD
LINE SETBACK
-  PERVIOUS ROAD
PAVEMENT
-  PERVIOUS
SIDEWALK
PAVEMENT



THE PRESERVE AT OGEECHEE
CHATHAM COUNTY, GEORGIA

CSP.1

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**THR PRESERVE AT OGEECHEE
QUACCO ROAD
SAVANNAH, CHATHAM COUNTY, GEORGIA
GEC JOB #120315.240**

PREPARED FOR

**THE PRESERVE AT OGEECHEE, L.P.
C/O W.H. GROSS CONSTRUCTION CO.
P.O. BOX 365
(1209 EAST KING AVENUE)
KINGSLAND, GEORGIA 31518
ATTN: MR. W.H. GROSS**

PREPARED BY

**GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS, INC.
514 HILLCREST INDUSTRIAL BOULEVARD
MACON, GEORGIA 31204-3472
(478) 757-1606**

ISSUE DATE

JUNE 9, 2012

GEC

ENVIRONMENTAL CONSULTANT SIGNATURE PAGE FOR PHASE I REPORTS

June 9, 2012

To: Georgia Department of Community Affairs
60 Executive Park South, NE
Atlanta, Georgia 30329-2231

Ladies and Gentlemen:

GEC declares that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professionals* as defined in §312.10 of 40 CFR 312.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

6/9/12
Date

Tameka Gordon
Tameka Gordon
Environmental Specialist

Geotechnical & Environmental Consultants, Inc. (GEC) has performed a Phase I Environmental Site Assessment in conformance with the scope and limitation of 40 C.F.R. Part 312 and most current ASTM standard (ASTM E 1527-2005, Standard Practice for Environmental Site Assessments) of the proposed The Preserve at Ogeechee development at Quacco Road, Savannah, Georgia, *the subject property*. Any exceptions to, or deletions from this practice are described in Section 2.0 of this report. GEC certifies that the Phase I was performed by a qualified Environmental Professional meeting the requirement set forth in 40 CFR §312.10(b).

6-9-12
Date

Robert T. Hadden
Robert T. Hadden
Environmental Professional/
Environmental Department Manager

6-9-12
Date



Thomas E. Driver
Thomas E. Driver, P.E.
President/Senior Engineer
Ga. Reg. #17394

GEC

TABLE OF CONTENTS

THR PRESERVE AT OGEECHEE
QUACCO ROAD
SAVANNAH, CHATHAM COUNTY, GEORGIA
GEC JOB #120315.240

	PAGE #
1.0 EXECUTIVE SUMMARY	1
1.1 Location & Legal Description of Property	2
1.2 Environmental Concerns & Conclusions	3
1.2.1 On-Site	3
1.2.2 Off-Site	3
1.3 Recommendations	3
1.3.1 On-Site	3
1.3.2 Off-Site	3
2.0 INTRODUCTION	3
2.1 Background	3
2.2 Procedures	3
2.3 Significant Assumptions	4
2.4 Qualifications of Personnel/Documentation of Qualifications as an EP	5
2.5 Assessment of Specialized Knowledge or Experience of User &/or EP	5
2.6 Limitations & Exceptions	6
2.7 Special or Additional Conditions or Contract Terms	6
3.0 SITE SETTING	6
3.1 General Description of Site & Vicinity	6
3.1.1 Current Site Use & Description	6
3.1.2 Current Uses of Adjoining Properties	7
3.1.3 Description of Structures, Roads, & other Improvements	7
3.2 Hydrogeology	7
3.2.1 Geologic Setting	7
3.2.2 Surface Drainage	7
3.2.3 Groundwater	8
3.3 Wetlands	8
3.4 Flood Plain/Floodway	8
3.5 State Waters	8
3.6 Endangered Species	8
4.0 REGULATORY INFORMATION	9
4.1 Data Review	9
4.1.1 Standard Environmental Record Sources	9
4.1.1.1 Sites listed in Section 8.2.1 of ASTM E 1527-05 & Exhibit B1	9
4.1.1.2 Orphan/Unmappable Sites	9
4.1.2 Additional Environmental Record Sources	10
4.1.2.1 Local Brownfield Lists	10
4.1.2.2 Local Lists of Landfills/Solid Waste Disposal Sites	10
4.1.2.3 Local Lists of Hazardous Waste/Contaminated Sites	10
4.1.2.4 Local Lists of Registered Storage Tanks	10
4.1.2.5 Local Land Records (for activity & use limitations)	10
4.1.2.6 Records of Emergency Release Reports	10
4.1.2.7 Records of Contaminated Public Wells	10
4.1.2.8 Planning Department Records	11

TABLE OF CONTENTS (cont'd)

**THR PRESERVE AT OGEECHEE
QUACCO ROAD
SAVANNAH, CHATHAM COUNTY, GEORGIA
GEC JOB #120315.240**

4.1.2.9	Local/Regional Pollution Control Agency Records	11
4.1.2.10	Local/Regional Water Quality Agency Records	11
4.1.2.11	Local Electric Utility Companies (PCBs)	11
4.1.2.12	Other	12
4.2	Agency Contacts/Records	12
4.2.1	Local Fire Department Official	12
4.2.2	State, Local, or Regional Health/Environmental Agency	12
4.2.3	Local Building Permit Agency Official	12
4.2.4	Local Groundwater Use Permit Agency Official	12
4.3	Interviews	12
4.3.1	Current Key Site Manager, Occupants, or Owner of Property	12
4.3.2	Current Owners or Occupants of Neighboring Properties	13
4.3.3	Past Owners, Occupants, or Operators of Property	13
4.3.4	User(s)	14
4.3.4.1	Title Records	14
4.3.4.2	Environmental Liens	14
4.3.4.3	Specialized Knowledge of User	14
4.3.4.4	Commonly Known/Reasonably Ascertainable Information	15
4.3.4.5	Reason for Performing the Phase I	15
4.3.4.6	Relationship of Purchase Price to Fair Market Value	15
4.3.4.6.1	Purchase Price	15
4.3.4.6.2	Differential between Purchase Price & Market Value	15
4.3.4.6.3	Reasons for any Differential	15
5.0	SITE INFORMATION & USE	15
5.1	Site Reconnaissance Methodology & Limiting Conditions	15
5.2	General Site Setting	15
5.3	Assessment of Commonly Known/Reasonably Ascertainable Information	16
5.4	Current Site Use	16
5.4.1	Storage Tanks	16
5.4.2	Hazardous & Petroleum Products Containers/Drums	16
5.4.3	Heating & Cooling	16
5.4.4	Solid Waste	16
5.4.5	Sewage Disposal/Septic Tanks	16
5.4.6	Hydraulic Equipment	16
5.4.7	Contracted Maintenance Services	17
5.4.8	Electrical Equipment/Polychlorinated Biphenyls (PCBs)	17
5.4.9	Water Supply & Wells	17
5.4.10	Drains & Sumps	17
5.4.11	Pits, Ponds, Lagoons, & Surface Waters	17
5.4.12	Stressed Vegetation	17
5.4.13	Stained Soil or Pavement	17
5.4.14	Odors	17
5.4.15	Utilities/Roadway Easements	17
5.4.16	Chemical Use	18
5.4.17	Water Leaks/Mold/Fungi/Microbial Growth	18
5.4.18	Asbestos	18

TABLE OF CONTENTS (cont'd)

THR PRESERVE AT OGEECHEE
QUACCO ROAD
SAVANNAH, CHATHAM COUNTY, GEORGIA
GEC JOB #120315.240

5.4.19 Lead-Based Paint	18
5.4.20 Lead in Drinking Water	18
5.4.21 Radon	18
5.4.22 Noise	19
5.4.23 Vapor Encroachment Screening	19
5.4.24 Other Site Reconnaissance Issues	20
5.5 Past Site Use	20
5.5.1 Recorded Land Title Records	20
5.5.2 Environmental Liens	21
5.5.3 Activity & Use Limitations	21
5.5.4 Aerial Photographs & Topographic Maps	21
5.5.5 Sanborn Fire Insurance Maps	21
5.5.6 City Directories	22
5.5.7 Previous Environmental Studies	22
5.5.8 Other	22
5.6 Current Surrounding Land Use	23
5.6.1 North	23
5.6.2 East	23
5.6.3 South	23
5.6.4 West	23
5.7 Past Surrounding Land Use	23
5.7.1 North	23
5.7.2 East	23
5.7.3 South	23
5.7.4 West	23
5.8 Historic Preservation	23
6.0 DATA GAPS	24
6.1 Identification of Data Gaps	24
6.2 Sources of Information Consulted to Address Data Gaps	24
6.3 Significance of Data Gaps	24
7.0 ENVIRONMENTAL CONCERNS	24
7.1 On-Site	24
7.2 Off-Site	24
8.0 CONCLUSIONS & RECOMMENDATIONS	24
8.1 On-Site	26
8.2 Off-Site	26
9.0 DATA REFERENCES	27
10.0 VALUATION REDUCTION	28
10.1 Purchase Price	28
10.2 Interview of Broker regarding Market Value	28
10.3 Differential between Purchase Price & Market Value	28
10.4 Environmental Reasons for any Differential	28

TABLE OF CONTENTS (cont'd)

THR PRESERVE AT OGEECHEE QUACCO ROAD SAVANNAH, CHATHAM COUNTY, GEORGIA GEC JOB #120315.240

APPENDICES

APPENDIX A: FIGURES & MAPS

- Figure 1: U.S.G.S. Topographic Map/Site Location Map
- Figure 2: National Wetlands Inventory (NWI) Map
- Figure 3: Soil Survey Map
- Figure 4: Flood Insurance Rate Map (FIRM)
- Figure 5: Site Map
- Figure 6: Site Plan
- Figure 7: Radon Map
- Figure 8: 2011 Aerial Photograph

APPENDIX B: SITE PHOTOGRAPHS

APPENDIX C: HISTORICAL RESEARCH DOCUMENTATION

- EDR Historical Aerial Package (Years: 2007, 2006, 2005, 1993, 1988, 1971, 1968, & 1951)
- Environmental Data Resources (EDR) Sanborn Map "Report"
- EDR Historical Topographic Maps
- EDR-City Directory Abstract

APPENDIX D: DOCUMENTATION FROM TITLE COMPANY/TITLE PROFESSIONAL

- Chatham County Board of Tax Assessors' Parcel Maps and Tax Card
- Chain of Ownership for Environmental Purposes Report
- Copies of Selected Deed Book Records

APPENDIX E: NON-SCOPE TESTING

- Lead-based paint
- Lead in soil
- Lead in water
- Asbestos
- Radon
- Vapor encroachment screening

APPENDIX F: NOISE ASSESSMENT DOCUMENTATION

APPENDIX G: REGULATORY ENVIRONMENTAL SEARCH INFORMATION

- Environmental Data Resources (EDR) Environmental Database Report

APPENDIX H: RECORD OF COMMUNICATIONS & INTERVIEWS

- Completed DCA User Questionnaire
- Fire Department Letter
- Environmental Health Department letter
- Planning & Zoning response
- Water and Sewerage Authority letter
- Electrical Service Availability Letter

TABLE OF CONTENTS (cont'd)

**THR PRESERVE AT OGEECHEE
QUACCO ROAD
SAVANNAH, CHATHAM COUNTY, GEORGIA
GEC JOB #120315.240**

**APPENDIX I: AUTHOR CREDENTIALS, DOCUMENTATION OF QUALIFICATIONS AS
AN ENVIRONMENTAL PROFESSIONAL**

Resume: THOMAS E. DRIVER, P.E.

Resume: ROBERT T. HADDEN

Resume: TAMEKA GORDON

APPENDIX J: OWNER ENVIRONMENTAL QUESTIONNAIRE

APPENDIX K: PROPERTY LOG & INFORMATION CHECKLIST

APPENDIX L: PROOF OF INSURANCE

APPENDIX M: LETTERS OF REFERENCE

APPENDIX N: ENVIRONMENTAL CERTIFICATION

APPENDIX O: CONSUMER CONFIDENCE REPORT ON WATER QUALITY

APPENDIX P: ENDANGERED SPECIES DOCUMENTATION

APPENDIX Q: SHPO REVIEW DOCUMENTATION *[if applicable]*

APPENDIX R: ADDITIONAL HOME REQUIREMENTS *[if applicable]*

APPENDIX S: OPERATION AND MAINTENANCE MANUAL *[if applicable]*

APPENDIX T: PREVIOUS ENVIRONMENTAL REPORTS *[if applicable]*

APPENDIX U: OTHER *[if applicable]*

ATTACHMENT 1, PHASE II REPORT *[if applicable]*

1.0 EXECUTIVE SUMMARY

Mr. W. H. Gross with W. H. Gross Construction Company retained Geotechnical & Environmental Consultants, Inc. (GEC), on behalf of The Preserve at Ogeechee, L.P., to perform a Georgia Department of Community Affairs (DCA) Phase I Environmental Site Assessment (ESA) on the approximately 18.5-acre proposed The Preserve at Ogeechee development site in Savannah, Chatham County, Georgia. GEC is not affiliated with Mr. Gross; W.H. Gross Construction Company; The Preserve at Ogeechee, L.P.; or the sellers of the subject property.

The DCA Phase I ESA was performed in accordance with the American Society for Testing and Materials (ASTM) E 1527-2005, Standard Practice for Environmental Site Assessments. The ASTM E 1527-2005 is the most current ASTM standard for this work. The Phase I ESA consisted of a site reconnaissance of the subject property, review of applicable and reasonably ascertainable information about the subject property, and interviews with selected officials knowledgeable about the subject property. The Phase I ESA was intended to provide an overview of environmental conditions at the subject property resulting from current and/or past site activities.

While conducting the Phase I ESA of the subject property, GEC followed the 2012 Georgia DCA Environmental Manual, its ESA standard, which requires that the consultant follow the ASTM standard and provide some additional information that exceeds the ASTM requirements. This information addresses items referred to as “non-scope” items in the ASTM Practice, and includes wetlands, state waters, floodways/floodplains, additional public/historic records review, noise, water leaks/mold/fungi/microbial growth, radon, asbestos containing materials (ACMs), lead-based paint (LBP), lead in drinking water, and including (per DCA guidelines) polychlorinated biphenyls (PCB). Other hazards considered for the DCA ESA report include the presence of existing septic tanks or water wells on the subject property or the absence of the availability of a municipal water or sewer system to the subject site.

Interviews and review of reasonably ascertainable records by GEC during the completion of the DCA Phase I ESA did not indicate past usage or conditions which would likely result in significant environmental concerns. No recognized environmental conditions (RECs), as that term is defined in the referenced ASTM Practice, were identified on the subject property.

The user of this report is encouraged to read the entire report for detailed descriptions of the property and the observations and judgments made by GEC. The user is ultimately responsible for assessing whether the limitations of the ASTM Practice and this project’s scope of work are appropriate to the level of risk the user assumes for the subject property transaction. The following summarizes general information discovered during GEC’s Phase I ESA.

- The site reconnaissance and research revealed no business risk issues or no evidence of recognized environmental conditions that would indicate an existing release, a past release or a material threat of a release of hazardous substances or petroleum products on the property or into the ground, groundwater or surface water of the property.

- Based on GEC's review of the readily available historical sources, such as Sanborn Maps, chain of ownership records, and aerial photographs, the subject property was wooded, undeveloped land on the 1951 aerial photograph and appears to have remained so until the most current aerial photograph taken in 2011. The 1951 aerial photograph shows the vicinity in all directions as primarily undeveloped, wooded land. Evidence of development appears in the eastern vicinity on the 1968 aerial and in the northwestern vicinity on the 1971 aerial photograph. On the 1988 aerial photograph, significant residential development appears in the northwestern vicinity as well as the northern and eastern adjacent properties to the subject site. Residential development continues to encroach on the subject property on the 1993 and 2005 aerials. The site and its surroundings appear on the 2005 aerial photograph essentially as they do currently. The subject property's chain of title information indicated that the subject property was part of a tract known as Laurel Green Plantation. The site was privately owned until it was sold to Quacco Land Investment, LLC (current owner) in 2006. Research of readily available historic tax records and aerial photographs indicated the property has been in private individuals' or non-industrial entities' ownership and has been undeveloped wooded land since and likely before, 1943 according to title records.
- The 2012 Environmental Data Resources, Inc. (EDR) Report did not identify the subject property on any of the Federal or State databases, nor did it identify any database sites within the ASTM E 1527 prescribed search radii of the subject property. Therefore, no surrounding properties are considered to be a potential environmental and/or financial concern to the subject site. Refer to Section 4.0 and Appendix G for the EDR Environmental Database Report.
- GEC reviewed the U.S. Department of Interior Fish and Wildlife Division National Wetlands Inventory (NWI) Map, and according to the NWI map, no wetland areas were identified on the subject property; however, there are wetlands adjacent to the southern and western portions of the subject property. GEC reviewed a copy of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM), and according to the map, the southern and western portions of the subject property are located in a Special Flood Hazard area subject to inundation by a 1% annual chance flood. The attached site plan indicates that the flood plain area will have a 100-foot buffer as established by the Georgia Department of Community Affairs; therefore, GEC does not anticipate that a flooding hazard will deter the development of the subject property.

1.1 Location & Legal Description of the Property

The subject site, approximately 18.5 acres in size, is located on the southwestern side of Quacco Road in Savannah, Georgia. The subject property is situated east of Goodale Drive, south of Laurelwood Drive, and west of Laurel Green Court, in the eastern vicinity of I-95. The subject property consists of a wooded tract of land located on tax parcel 1-1007-01-002 of Chatham County. A site location map is included in Appendix A as Figure 1.

1.2 Environmental Concerns and Conclusions

1.2.1 On-Site

The site reconnaissance and research conducted during the course of this project revealed no evidence of recognized environmental conditions that would indicate an existing release, a past release or a material threat of a release of hazardous substances or petroleum products on the property or into the ground, groundwater or surface water of the property.

1.2.2 Off-Site

The site reconnaissance and research conducted during the course of this project revealed no evidence of recognized environmental conditions that would indicate an existing release, a past release or a material threat of a release of hazardous substances or petroleum products on the property or into the ground, groundwater or surface water of the property from an adjacent property.

1.3 Recommendations

1.3.1 On-Site

Based on the findings presented in this report, GEC found no obvious environmental concerns or risks associated with the subject property; therefore, we recommend no further environmental study of the site at this time.

1.3.2 Off-Site

Based on the findings presented in this report, GEC found no obvious environmental concerns regarding off-site properties within the ASTM search radii; therefore, we recommend no further study of potential off-site impacts at this time.

2.0 INTRODUCTION

2.1 Background

This report describes a Phase I Environmental Site Assessment, prepared by Geotechnical & Environmental Consultants, Inc. (GEC), for the approximately 18.5-acre proposed The Preserve at Ogeechee apartment complex situated southwest of Quacco Road in the City of Savannah, Georgia. The subject property, which is included in tax parcel #1-1007-01-002 of Chatham County, Georgia, currently contains wooded land. A U.S.G.S. topographic map, site map, and a site plan are included in Appendix A as Figures 1, 5, and 6, respectively.

2.2 Procedures

The purpose of this Phase I ESA report is to permit the user to satisfy one of the requirements to qualify for the *innocent landowner* defense to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) liability (also known as one of the "landowner liability protections" or "LLPs"). Completion of the referenced ASTM practice constitutes the "all appropriate inquiry" (AAI) into the previous ownership and uses of the property consistent

with good commercial or customary practice as defined at 42 USC §9601 (35)(B).

This Phase I ESA was conducted in accordance with ASTM E 1527-2005 Standard Practice for Environmental Site Assessments. GEC's scope of work for this Phase I ESA was to identify "recognized environmental conditions" to the extent feasible by the processes outlined in Practice E 1527 and in accordance with good commercial and customary practices for conducting an environmental site assessment of a parcel of land with respect to the range of contaminants within the scope of CERCLA and petroleum products.

Practice E 1527 defines "recognized environmental conditions" (RECs) as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property, even under conditions in compliance with (environmental) laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action, if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not RECs.

The scope of Practice E 1527-2005 does not include any testing or sampling of materials (i.e., soil, water, air, or building materials). However, the DCA Phase I ESA standard requires additional elements, which exceed the ASTM requirements (referred to as "non-scope" items), namely wetlands, state waters, floodways/floodplains, additional public/historic records review, noise, water leaks/mold/fungi/microbial growth, radon, ACMs, LBP, lead in drinking water, and per DCA guidelines polychlorinated biphenyls (PCBs). Other hazards considered for the DCA ESA report include the presence of existing septic tanks or water wells on the subject property. These additional requirements are addressed in the body of this report with sampling as described in the appropriate sections.

GEC's methodology for performing environmental evaluations consists of two phases. Phase I involves four components: a records review, site reconnaissance, interviews, and the report of findings. Phase II consists of drilling operations, soil and groundwater sampling, and laboratory analysis of samples as appropriate, based on the results of the Phase I ESA or in response to the special needs of the client. The site reconnaissance included the subject property's grounds and perimeter and observance of adjacent properties from the subject site.

GEC performed each of the four components of the ASTM E 1527 Phase I ESA in accordance with Sections 6.0 through 11.0 of the Practice. The objective of the records review, site reconnaissance, and interviews is to obtain information used to identify recognized environmental conditions in connection with the property. This report generally follows the recommended ASTM format with the additional consideration given to asbestos, LBP, lead in drinking water, radon, wetlands, and polychlorinated biphenyls (PCBs), as required by the Georgia Department of Community Affairs.

2.3 Significant Assumptions

No significant assumptions were made or required while conducting this DCA Phase I ESA.

2.4 Qualifications of Personnel/Documentation of Qualifications as an EP

Thomas E. Driver, P.E., is the **President** of GEC and **Managing Senior Engineer** of all offices. Tom graduated from Auburn University with a Bachelor's degree in Civil Engineering in 1983 and has over 28 years of experience in the geotechnical, environmental and construction materials testing fields. Tom is a member of the American Society of Civil Engineers (ASCE), the Georgia Society of Professional Engineers (GSPE), and the Consulting Engineers Council of Georgia (CECG). He is a past State President of GSPE, a past board member of the Macon Economic Development Commission, and a board member of the Consulting Engineers Council of Georgia. He is a Past President of the Macon Chapter of ASCE and a past president of the GSPE Middle Georgia Branch. Tom was named the 1992 Young Engineer of the Year and the 1996 Professional Engineer of the Year in Private Practice by the Georgia Society of Professional Engineers. Tom is a registered Professional Engineer in Alabama, Florida, Georgia, Kentucky, North Carolina, South Carolina, and Tennessee.

Robert T. Hadden serves as the **Environmental Department Manager** for the Macon office. Bob graduated from the University of South Alabama with a bachelor's degree in English in 1981 and has over 30 years of experience in both the geotechnical engineering and environmental fields, providing project management, construction quality control, and geotechnical and environmental consulting services. Construction phase services include materials testing, Geotechnical subsurface investigation, construction quality control, and project management. During the last 20 years, Bob's environmental field experience has included Phase I and Phase II environmental site assessments, regulatory assessment and compliance auditing, field sampling and analysis by immuno-assay, subsurface investigations to assess soil and groundwater contamination, construction monitoring for remediation projects, asbestos surveys, and lead based paint sampling. Bob also has experience in underground storage tank removal, site assessment and remediation. Bob is a member of the Macon Chamber of Commerce, the Environmental Information Association, the American Society for Testing & Materials, and the Georgia Water & Pollution Control Association.

Tameka Gordon is an **Environmental Specialist** with the Macon office. Tameka has six years experience and related education in general business, research, and writing techniques. For the past seven years she has worked directly in the environmental field, providing project management and environmental consulting services. Her environmental field experience has included Phase I environmental site assessments, Georgia Department of Community Affairs (DCA) and Housing and Urban Development guided environmental assessments, and field sampling. She has performed a number of Georgia Board of Education school site assessments and hazard assessments utilizing the ALOHA (Areal Locations of Hazardous Atmospheres) computer program designed especially for the use by people responding to chemical releases, as well as for emergency planning and training. Tameka has performed numerous Board of Regent's GEPA (Georgia Environmental Policy Act) / NEPA (National Environmental Policy Act) site assessments for University and College projects in surrounding counties. Tameka is a member of the Women in Affordable Housing Network and Macon's Young Professional Network. She serves on the board for Leadership Macon with the Macon-Bibb County Chamber of Commerce.

2.5 Assessment of Specialized Knowledge or Experience of User &/or EP

GEC was not provided any specialized knowledge or experience related to recognized environmental conditions in connection with the subject site.

2.6 Limitations & Exceptions

This report is intended for the use of Mr. W. H. Gross, The Preserve at Ogeechee, L.P., W.H. Gross Construction Company, and their representatives and/or assigns for their use in evaluating the environmental liability associated with the subject property. Additionally, the Georgia Department of Community Affairs (DCA) and the Georgia Housing and Finance Authority (GHFA) may rely on this report. GEC is not affiliated with Mr. Gross, The Preserve at Ogeechee, L.P., W.H. Gross Construction Company, or the current seller of the subject property.

GEC is not responsible for opinions, conclusions, or recommendations made by others based on the findings in this report. This report and its findings shall not, in whole or in part, be disseminated to any other party, or used by any other party without prior written consent by Geotechnical & Environmental Consultants, Inc. The conclusions of this Phase I Environmental Site Assessment are based on conditions as observed on our site visit and on historical information about the site. Information contained in this report was obtained by means of document review, interviews, and on-site observations. Since no assessment can absolutely deny the existence of hazardous materials, especially surficial environmental assessments with limited or no subsurface sampling, existing hazardous materials can escape detection using the customary methods. Future changes in environmental conditions and site characteristics may occur with the passage of time, in which case, the conclusions of this report may have to be reevaluated.

2.7 Special or Additional Conditions or Contract Terms

There are no special terms and conditions aside from those detailed in the professional services agreement, included with GEC proposal ME-12-5135, under which this scope of work was authorized.

3.0 SITE SETTING

3.1 General Description of the Site & Vicinity

The proposed The Preserve at Ogeechee apartment site, which is approximately 18.5 acres in size, is located southwest of Quacco Road. The subject property is situated east of Goodale Drive, west of Laurel Green Court, and south of Laurelwood Drive in the City of Savannah, Georgia. GEC observed that the subject site is currently undeveloped, wooded land. The site vicinity currently consists of residential and wooded properties. GEC observed residential properties northerly and easterly adjacent to the subject property. Wooded land was observed south and west of the subject property, with residential development beyond to the west. Quacco Road borders the site to the northeast and Laurel Green Court borders the site on the east. A site map and a site plan are included in Appendix A as Figures 5 and 6, and U.S.G.S. topographic map is presented in Appendix A as Figure 1.

3.1.1 Current Site Use & Description

During our reconnaissance of the subject property on May 10, 2012, GEC observed that the subject site is currently a wooded tract of land with no structures. The zoning for the subject site is Planned Unit Development-Residential (PUD-M-12) and water and sewer services are available to serve the site.

3.1.2 Current Uses of Adjoining Properties

The site vicinity consists of residential and wooded properties. During our reconnaissance of the surrounding area on May 10, 2012, GEC observed residential properties northerly and easterly adjacent to the subject property. Wooded land was observed south and west of the subject property, with residential development beyond to the west.

3.1.3 Description of Structures, Roads, & Other Improvements

The subject property is an unoccupied tract of land. No structures or improvements were observed during the site reconnaissance on May 10, 2012. Adjacent improved roadways include Quacco Road and several residential developments. According to various sources, water and sewer services are available to be provided by Consolidated Utilities, Inc.

3.2 Hydrogeology

3.2.1 Geologic Setting

The site is located in the Coastal Plain Physiographic Province of Georgia. Soils in the Coastal Plain are the result of deposition of sediments in a former marine environment. Coastal Plain sedimentary deposits make up about 60 percent of Georgia's surface area, and consist of a southwardly thickening wedge of sediments, which are bordered on the north by the parent rocks of the Piedmont Physiographic Province. The border between these provinces is known as the "Fall-Line." The Coastal Plain sediments range in age from the Cretaceous to the recent, with the oldest exposed along the "Fall-Line" and the youngest along the coast. Typically, the surface soils consist of complexly interbedded sands, silts, and clays of various mixtures. Sandstones, shales, and limestones comprise the characteristic lithology of the Coastal Plain. These formations are usually found at depths greater than fifty feet, but can also be found at or near the ground surface. They are not known to occur near the surface in the site area. Topography in this region of the Coastal Plain is generally flat to gently rolling.

Hydrogeologically the site area is characterized by a shallow unconfined surficial aquifer and deeper confined and semiconfined aquifers. The shallow surficial aquifer is interconnected with the abundant surface water features and therefore is usually influenced by the tides. Because of the shallow nature of the surficial aquifer and its relationship with surface water features, the shallow aquifer is not used for water supply wells in coastal areas. Water supply wells that tap deeper confined aquifers provide almost all the water for domestic and industrial use in the area. GEC anticipates that the overall direction of shallow groundwater movement at the subject property (assuming the flow mimics topography) would be expected to be generally southwest toward the Little Ogeechee River.

3.2.2 Surface Drainage

Based on review of the topographic map and observations made during the site reconnaissance, the approximate direction of surface drainage flow at the subject property should generally be to the southwest.

3.2.3 Groundwater

Specific hydrogeologic information was not available for this assessment, but based on the U.S.G.S. Topographic Map and observations made in the field, the anticipated groundwater flow direction at this site is likely toward the Little Ogeechee River located south of the subject property.

3.3 Wetlands

GEC reviewed the U.S. Department of the Interior Fish and Wildlife Division National Wetlands Inventory (NWI) Map. The National Wetlands Inventory (NWI) map is a tool used to investigate if wetlands are on a specific property. Wetlands on these maps are usually indicated from the review of aerial photographs, U.S.G.S. Topographic maps, and soils maps. Wetlands are not necessarily field delineated for inclusion on the NWI Map. According to the NWI map, no wetland areas were identified on the property; however there are wetlands adjacent to the southern and western portions of the subject property. The attached site plan indicates that the adjacent off site wetland areas will have a 100-foot buffer as established by the Georgia Department of Community Affairs. A copy of the NWI Map is presented as Figure 2, Appendix A.

3.4 Flood Plain/Floodway

GEC went to the Federal Emergency Management Agency (FEMA) Map Service Center (MSC) Flood Map Store website at www.msc.fema.gov/ to review a flood map for the subject site. GEC reviewed a copy of the FEMA Flood Insurance Rate Map (FIRM) for Chatham County (and incorporated areas), Georgia. According to the FIRM map, the southern and western portions of the subject property are located in a Special Flood Hazard area subject to inundation by a 1% annual chance flood. The attached site plan indicates that the flood plain area will have a 100-foot buffer as established by the Georgia Department of Community Affairs. The proposed entrance to the subject property will slightly encroach the buffer area; however, the construction materials used in this area will be pervious materials and will not impact the floodplain. GEC, therefore, does not anticipate that a flooding hazard will deter the development of the subject property. A copy of the FIRM is presented as Figure 4, Appendix A.

3.5 State Waters

There are no free flowing surface waters on the subject property; therefore, there are no state waters on the property.

3.6 Endangered Species

According to the U.S. Fish and Wildlife Service (USFWS) Listed Species for Chatham County included (www.georgiawildlife.org/node/1370), 24 animal and 5 plant species are Federally or State listed. None of the habitats listed for these species was observed on the subject property; therefore, the USFWS was not contacted regarding the subject property. GEC does not anticipate that protected species and critical habitat issues will factor into a project for this area. Refer to Appendix P for the list and pictures of species with applicable habitat in regards to the subject property.

4.0 REGULATORY INFORMATION

4.1 Data Review

GEC contracted with Environmental Data Resources, Inc. (EDR) to conduct a site specific radius search and examination of reasonably ascertainable Federal, State, and Local regulatory files concerning the site and nearby sites which have been targeted for clean-up or investigation, sites and facilities against which complaints have been filed, or sites on which generators of hazardous waste or regulated substances are located. The EDR Report is dated May 1, 2012. The EDR search meets the requirements of the ASTM E 1527-05 standard. The following lists were included in the records review: (FEDERAL) **NPL, Proposed NPL, Delisted NPL, NPL RECOVERY, CERCLIS, CERC-NFRAP, CORRACTS, RCRA-TSD, RCRA-LQG, RCRA-SQG, ERNS, HMIRS, US ENGINEERING CONTROLS, US INSTITUTIONAL CONTROLS, DOD, FUDS, US BROWNFIELDS, CONSENT, ROD, UMTRA, ODI, TRIS, TSCA, FTTS, SSTS, ICIS, RADINFO, CDL, LUCIS, PADS, MLTS, MINES, FINDS, RAATS**, (STATE) **SHWS** (includes HSI, the state CERCLIS equivalent), **Non-HSI, STATE LANDFILL, HISTORIC LANDFILL, LUST, UST, GA SPILLS, INSTITUTIONAL CONTROL, DRYCLEANERS, BROWNFIELDS, AIRS, and TIER 2**. The EDR Report also includes **TRIBAL RECORDS: INDIAN RESERVATIONS, INDIAN LUST, and INDIAN UST** and an EDR proprietary database record on **MANUFACTURED GAS PLANTS** (see attached EDR report in Appendix G for the list of databases, their currency, their definitions, and sources for these records). The radii used in the search for each of the above records are indicated on Page 4 in the EDR Environmental Database Report, and they were specifically designed by EDR to meet the search requirements of the U.S. EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05). Neither a State Engineering Controls database nor state or tribal voluntary cleanups databases are available in Georgia.

GEC assessed the listed sites for potential environmental impacts to the subject property using the following criteria: (1) relative distance between the subject property and the regulated site, (2) topographic features and proximity of the subject property to the regulated site; GEC follows the generally accepted premise that shallow groundwater flow direction can be reasonably expected to mimic surface topography, and (3) common inferences about the nature and relevance of the regulatory listing with regard to the subject property.

4.1.1 Standard Environmental Record Sources

4.1.1.1 Sites listed in Section 8.2.1 of ASTM E 1527-05 & in Exhibit B1

The Environmental Data Resources, Inc. (EDR) Report did not identify the subject property on any Federal, State, or Local databases, nor did it identify any database sites within the ASTM E 1527 prescribed search radii of the subject property. Therefore, no surrounding properties are considered to be a potential environmental and/or financial concern to the subject site.

4.1.1.2 Orphan/Unmappable Sites

GEC reviewed the 21 listed "orphan summary" sites, which were not mapped due to poor or inadequate address information, in the EDR report. GEC found that these sites did not appear to be located within the ASTM search radii of the subject property. Since these sites are not within

the noted ASTM radii, they are not in the vicinity of the subject site and at this distance from the subject site they are not judged to be RECs.

4.1.2 Additional Environmental Record Sources

4.1.2.1 Local Brownfield Lists

GEC is not aware of any local Brownfield lists. The Georgia Environmental Protection Division (EPD) maintains the only known database for the state, which is provided by EDR's report and in Appendix G.

4.1.2.2 Local Lists of Landfill/Solid Waste Disposal Sites

GEC is not aware of any local lists of Landfill/Solid Waste Disposal sites, other than the database maintained by the Georgia EPD, which is provided by EDR's report in Appendix G.

4.1.2.3 Local Lists of Hazardous Waste/Contaminated Sites

GEC is not aware of any local lists of Hazardous Waste/Contaminated sites, other than the database maintained by the Georgia EPD, which is provided by EDR's report in Appendix G.

4.1.2.4 Local Lists of Registered Storage Tanks

GEC is not aware of any local lists of Registered Storage Tanks, other than the database maintained by the Georgia EPD, which is provided by EDR's report in Appendix G.

4.1.2.5 Local Land Records (AULs)

GEC contracted Mr. Frank May, a professional title researcher, for the purpose of researching and establishing a chain of ownership for environmental purposes for the subject property. Mr. May found no activity or use limitations (AULs) filed in the deed records, relating to conditions involving the subject site.

4.1.2.6 Records of Emergency Release Reports

The EDR Report did not identify the subject property or any adjacent properties on the Georgia Spills databases (see page 4 & 5 of the EDR Report), and GEC is not aware of any Records of Emergency Release Reports, other than the database maintained by the Georgia EPD, which is provided by EDR's report in Appendix G.

4.1.2.7 Records of Contaminated Public Wells

GEC reviewed the local/regional water agency records information provided on Pages A-6 through A-37 of the EDR Environmental Database Report (see Appendix G). The EDR Local/Regional Water Agency Records provide water well information to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells. The EDR report identified one Federal Reporting Data System (FRDS) public water supply well located ¼-mile to ½-mile northwest of the subject site. The one Federal Reporting Data System (FRDS) public water supply

well found in close proximity to the subject site had violations for Coliform, Lead in Copper Rule and CCR Complete Failure to Report. Such incidents are found in agricultural settings and should not represent any risk to the subject site. Due to the relative distance the well is from the subject property and presumed groundwater flow direction at the well; GEC is of the opinion that this well would not be of environmental concern to the subject property. Furthermore, the most current version of the annual water quality report indicated that the City of Savannah's water supply was in full compliance with all drinking water regulations set forth by EPA and EPD.

Previous conversations with personnel from the Georgia Drinking Water Program indicate that these types of violations are routine and are typically resolved by completing the normal sampling in accordance with their EPD permit protocols. No other Federal F.R.D.S. wells or federal or state U.S.G.S. wells were found on or near the subject property. The EDR report did not indicate any wells on the subject site, and did not indicate records of any groundwater use permits for the subject site.

4.1.2.8 Planning Department Records

GEC emailed an information questionnaire to Mr. Jim Hansen on May 11, 2012. Mr. Hansen responded the same day indicating that the subject site is currently zoned at PUD-M-12 (Planned Unit Development-Residential-12 units per gross acre). He added that only about 35 of the total 89 acres was developable due to wetlands, and that to the best of his knowledge, the site had never been developed. He was unaware of any environmental concerns associated with the subject site. A copy of the zoning response is presented in Appendix H.

4.1.2.9 Local/Regional Pollution Control Agency Records

GEC is not aware of any local Pollution Control Agency records, other than the state/local databases maintained by the Georgia EPD, which is provided by EDR's report in Appendix G.

4.1.2.10 Local/Regional Water Quality Agency Records

GEC obtained a copy of the 2010 City of Savannah Annual Water Quality Report (AWQR), their most current version of the AWQR, which indicated that Savannah's water supply was in full compliance with all drinking water regulations set forth by EPA and EPD. A copy of the AWQR, verifying this information, is included in Appendix O.

GEC also reviewed the state/local databases maintained by the Georgia EPD, which is provided by EDR's report and discussed in Section 4.1.2.7.

4.1.2.11 Local Electric Utility Companies (PCBs)

No transformers or other PCB-containing equipment was observed on the subject property during the site reconnaissance.

GEC received a letter from Mr. Ted Jones with Georgia Power dated May 29, 2012. Mr. Jones indicated that Georgia Power Company is the electric power service provider for this location. He stated that electrical service is available at the above reference location and adequate capacity exists to accommodate the proposed 70 unit housing for older person. A copy of the power letter is provided in Appendix H.

4.1.2.12 Other

GEC contracted with EDR to conduct a site specific radius search and examination of reasonably ascertainable Federal, State, and Local regulatory files concerning the site and nearby sites which have been targeted for clean-up or investigation, sites and facilities against which complaints have been filed, or sites on which generators of hazardous waste or regulated substances are located. The additional environmental record sources (Section 8.2.2 of the ASTM E 1527-05 standard) are included in the "Additional Environmental Records" section of the EDR Report (see page 3 of the EDR Report in Appendix G). These additional environmental record sources include local Brownfields, local landfill/solid waste disposal sites, local hazardous waste/contaminated sites, local registered storage tanks, local land records for activity and use limitations (AULs), emergency release reports (Georgia spills), and contaminated public wells. No additional environmental record sources were sought nor deemed necessary.

4.2 Agency Contacts/Records

GEC contacted or attempted to contact the following local agencies for information pertaining to the subject site and the immediate vicinity.

4.2.1 Local Fire Department Official

GEC faxed an information questionnaire to Fire Chief Meadows of Southside Fire Department on May 22, 2012. GEC received a response from the Assistant Chief the same day indicating that the department had no record of environmentally related fires or concerns at the subject site, nor was it aware of any storage tanks currently or formerly located on-site. A copy of the fire department's response is presented in Appendix H.

4.2.2 State, Local, or Regional Health or Environmental Agency

GEC faxed an information questionnaire to Ms. Lauren Baker of the Chatham County Environmental Health Department on May 9, 2012. GEC followed up with phone call on June 6, 2012 and left a voicemail for Ms. Baker. At the date of issuance of this report, GEC had not received a response from the department. A copy of the information questionnaire is presented in Appendix H.

4.2.3 Local Building Permit Agency Official

See above in Section 4.1.2.8.

4.2.4 Local Groundwater Use Permit Agency Official

GEC is not aware of any local Groundwater Use Permit Agency.

See above in Section 4.1.2.7.

4.3 Interviews

4.3.1 Current Key Site Manager, Occupants, or Owners of Property

GEC received a completed DCA version of the ASTM Questionnaire from Mr. Bill Gross, client

representative, on June 5, 2012. Mr. Gross noted that he was not aware of any deed restrictions, engineering or institutional controls, or other activity and use limitations for the property. Mr. Gross indicated he was not aware of any specialized knowledge or experiences that are material to any potential recognized environmental conditions. He is not aware of any commonly known or reasonably ascertainable information within the local community that is material to any potential recognized environmental conditions in connection with the property. Mr. Gross does not have in his possession or control title records for the property, and he is not aware of any environmental liens. Mr. Gross noted that the reason for having the Phase I performed was to support a tax credit assessment of the property. A copy of the completed DCA version of the ASTM Questionnaire is provided in Appendix H.

GEC received completed owner environmental questionnaires from Mr. Roy Patel of Quacco Land Investments, LLC, the current owner and seller of the subject property. Mr. Patel indicated that neither his property nor any adjoining properties are currently used for industrial and/or manufacturing purposes, nor have they been used for such purposes in the past. Mr. Patel noted that no plastic or metal drums, stained soil or stressed vegetation, fill dirt, storage tanks (above or underground), or vent pipes have ever been brought onto or removed from the site. Mr. Patel also stated that the subject property had not ever been evaluated, investigated, notified, held responsible for, or otherwise involved with any contamination, clean-up, environmental law, or health and safety law, regulation or violation.

The owner stated that he did not know if the subject property is located in a 100-year floodplain and stated that the site does not have the potential to be affected by any of the following: coastal areas protection and management, runway clear zones and accidental potential zones, endangered species, farmland protection, wetlands designated lands, thermal and explosive hazards, toxic chemicals and radioactive materials, and solid waste management. He also indicated that the subject property is not located within 1,000 feet of a major road/highway/freeway, 3,000 feet of a railroad, 5 miles of a private/commercial airport, or 15 miles of a military airport.

A copy of the completed owner environmental questionnaire is presented in Appendix J.

4.3.2 Current Owners or Occupants of Neighboring Properties

Since the subject property is not abandoned, no current owners or occupants of neighboring properties were interviewed. The lack of interviews with the neighboring properties is not considered to be a significant data gap, since significant information outside that available from other interviews and the public record is not expected.

4.3.3 Past Owners, Occupants, or Operators of the Property

Since sufficient information was available from the current interviews and public records, no past owners, occupants, or operators of the property were interviewed. In addition, the User did not indicate or provide GEC with any previous owners, occupants, or operators of the property. The lack of interviews with the past owners, occupants, or operators is not considered to be a significant data gap, since significant information outside that available from other interviews and the public record is not expected.

4.3.4 User(s)

The User Responsibility information obtained from the User(s) of this report or from other sources is detailed in the following text. The primary User (Mr. Gross, on behalf of The Preserve at Ogeechee, L.P.) contracted with GEC to provide the information, except where specifically requiring a User response to information needs. The Users were identified as The Preserve at Ogeechee, L.P. and Mr. Gross is the designated representative to whom GEC has access, and he provided the User information received on behalf of all parties.

4.3.4.1 Title Records

Property ownership history sometimes provides an indication of a potential environmental problem at a site. The ownership and deeds reviewed may not include all of the previous owners or occupants that may have or have had an interest in the subject property. The subject site, which is approximately 18.5 acres in size, is located southwest of Quacco in the City of Savannah, Chatham County, Georgia. The subject property consists of undeveloped, unoccupied land. The subject property appears on the Chatham County Tax Map as parcel # 1-1007-01-002.

GEC contracted Mr. Frank May, a professional title researcher, for the purpose of researching and establishing a chain of ownership for environmental purposes for the subject property. Mr. May provided the chain of ownership information for GEC's review on June 9, 2012. Mr. May's review of the subject property's chain of title information indicated that the site was part of a tract known as Laurel Green Plantation. A Hazardous Substances Certificate & Indemnity Agreement between Quacco Land Investments, LLC and United Community Bank, Savannah revealed that after due inquiry and investigation, no known environmental concerns are associated with the subject site. The site was privately owned until 2006 when it was sold to the current owner, Quacco Land Investments, LLC.

Mr. May found no environmental liens, activity or use limitations, or engineering controls filed in the deed records, relating to conditions involving the subject site. The review of the deed records and the history of ownership did not indicate previous ownership site activities that would be expected to have created environmental concerns on the subject property (see Section 5.5.1).

Copies of the site's property record card, tax map, deeds, and plat map, are presented in Appendix D.

4.3.4.2 Environmental Liens

The property records reviewed by GEC did not indicate any environmental liens or any activity or use limitations, and the Users and/or local public agency contacts reported none.

4.3.4.3 Specialized Knowledge of the User

GEC was not provided any specialized knowledge or experience related to recognized environmental conditions in connection with the subject site.

4.3.4.4 Commonly Known/Reasonably Ascertainable Information

GEC was not provided any specialized knowledge or experience demonstrating recognized environmental conditions in connection with the subject site.

4.3.4.5 Reason for Performing the Phase I

GEC was asked to perform a DCA Phase I ESA (as part of the proposed submittal for tax credits for the development of the subject property) in accordance with the ASTM-E 1527-2005 standard to qualify for the innocent landowner defense to CERCLA liability and to identify RECs that could impact the property's financial liability.

4.3.4.6 Relationship of Purchase Price to Fair Market Value

The User indicated that there was no property valuation reduction due to environmental issues. The User is purchasing the subject property and applying for tax credits to fund site development. No environmental issues were identified while conducting this Phase I ESA, which would adversely affect the property valuation.

4.3.4.6.1 Purchase Price

The Owner indicated that the purchase price reflects the fair market value of the subject property. No environmental issues were identified while conducting this Phase I ESA that would adversely affect the property valuation.

4.3.4.6.2 Differential between Purchase Price & Market Value

The User indicated that the purchase price reflected the fair market value of the subject property.

4.3.4.6.3 Reasons for any Differential

There is no known devaluation of the property for environmental reasons.

5.0 SITE INFORMATION AND USE

5.1 Site Reconnaissance Methodology & Limiting Conditions

GEC's methodology for performing the ESA was in accordance with ASTM E 1527-05. No significant limiting conditions were encountered during the site reconnaissance performed on May 10, 2012.

5.2 General Site Setting

The subject site, which is approximately 18.5 acres in size, is currently undeveloped, unoccupied land, located southwest of Quacco Road, in the City of Savannah, Chatham County, Georgia. GEC's review of all of the readily available historical aerial photographs indicates that the subject property appears to have been undeveloped land from, if not before, 1951 until 2011. The reviewed aerial photographs strongly suggest the subject property was undeveloped wooded land prior to the oldest available photograph taken in 1951.

GEC observed residential and undeveloped wooded properties within the site vicinity.

5.3 Assessment of Commonly Known/Reasonably Ascertainable Information

GEC's assessment of all commonly known and reasonably ascertainable information about the proposed The Preserve at Ogeechee property indicates there are no recognized environmental conditions associated with the subject site.

5.4 Current Site Use

The subject property is currently undeveloped, unoccupied wooded land.

5.4.1 Storage Tanks

No storage tanks, or indicators of the existence of such tanks (pipes protruding from the ground, mounded earth, or concrete islands), were observed on the subject property during GEC's site reconnaissance on May 10, 2012.

5.4.2 Hazardous & Petroleum Products Containers/Drums

No containers/drums of hazardous or petroleum products were observed on the subject property during GEC's site reconnaissance.

5.4.3 Heating & Cooling

As no structures were observed on the subject property during the site reconnaissance, heating and cooling systems are not applicable to this project.

5.4.4 Solid Waste

Miscellaneous debris (Styrofoam, bicycles, etc.) was observed on the subject property near the site's eastern corner. There were no signs of contamination, such as unusual odors, stressed vegetation, or labeling to suggest any significant environmental impact from the waste materials.

GEC recommends cleaning up the debris and properly disposing of them.

5.4.5 Sewage Disposal/Septic Tanks

According to various sources, Consolidated Utilities, Inc. sewer service is available to serve the subject site.

5.4.6 Hydraulic Equipment

No hydraulic equipment or potential hydraulic equipment was observed during GEC's site reconnaissance.

5.4.7 Contracted Maintenance Services

Due to the nature of the subject property, contracted maintenance services are not applicable to the site.

5.4.8 Electrical Equipment/Polychlorinated Biphenyls (PCBs)

No transformers or other PCB-containing equipment was observed on the subject property during the site reconnaissance.

GEC received a letter from Mr. Ted Jones with Georgia Power dated May 29, 2012. Mr. Jones indicated that Georgia Power Company is the electric power service provider for this location. He stated that electrical service is available at the above reference location and adequate capacity exists to accommodate the proposed 70 unit housing for older person.

5.4.9 Water Supply & Wells

According to various sources, Consolidated Utilities, Inc. water service is available to serve the subject site.

5.4.10 Drains & Sumps

No drains and no sumps were observed on the property during GEC's site reconnaissance.

5.4.11 Pits, Ponds, Lagoons, & Surface Waters

No pits, ponds, or lagoons used for industrial purposes, or surface waters were observed on the subject property during GEC's site reconnaissance.

5.4.12 Stressed Vegetation

No stressed vegetation was observed on the subject property during GEC's site reconnaissance.

5.4.13 Stained Soil or Pavement

Neither stained soil nor pavement was observed on the subject property during GEC's site reconnaissance.

5.4.14 Odors

No unusual odors were noted on the subject property during GEC's site reconnaissance.

5.4.15 Utilities/Roadway Easements

No utility or roadway easements appeared to traverse the subject property during GEC's site visit.

5.4.16 Chemical Use

No known significant use of chemicals has occurred on the site.

5.4.17 Water Leaks/Mold/Fungi/Microbial Growth

Due to the undeveloped nature of the subject site, the presence of water leaks/mold is not applicable to the subject property.

5.4.18 Asbestos

Due to the undeveloped nature of the subject site, the presence of asbestos is not applicable to the subject property.

5.4.19 Lead-Based Paint

After thorough assessment of historical aerials, title records, and interviews, GEC concluded that no structures are present or have been present on the subject site. Due to the undeveloped nature of the subject property, lead-based paint sampling was not deemed necessary.

5.4.20 Lead in Drinking Water

GEC obtained a copy of the 2010 City of Savannah Annual Water Quality Report (AWQR), their most current version of the AWQR, which indicated that Savannah's water supply was in full compliance with all drinking water regulations set forth by EPA and EPD. A copy of the AWQR, verifying this information, is included in Appendix O.

GEC also reviewed the state/local databases maintained by the Georgia EPD, which is provided by EDR's report and discussed in Section 4.1.2.7.

5.4.21 Radon

GEC consulted EPA Publication 402-R-93-030: EPA's Map of Radon Zones for Georgia dated September 1993 to determine the EPA classification of the subject area for radon buildup. The U.S. EPA and the U.S. Geological Survey have evaluated the radon potential in the U.S. and have developed the map to assist National, State, and local organizations to target their resources and to assist building code officials in deciding whether radon-resistant features are applicable in new construction. This map should not be used to determine if a home in a given zone should be tested for radon. Homes with elevated levels of radon have been found in all three zones. The map assigns each of the 3,141 counties in the U.S. to one of three zones based on radon potential. Each zone designation reflects the expected average short-term radon measurement that can be measured in a building without the implementation of radon control methods. According to the map, Chatham County, Georgia, is listed in Zone 3, which means "Low potential, less than <2 pCi/L (picocuries per liter of air)."

According to the radon information provided on page A-38 of the EDR Report presented in Appendix G, 100% of the three sites tested had less than 4 pCi/L as their first floor living area average radon level. The National Radon Database has been developed by the U.S. Environmental Protection Agency (EPA) and is a compilation of the EPA/State Residential

Radon Survey and the National Residential Radon Survey.

In accordance with the Georgia DCA Environmental Manual, all new construction of buildings must be in accordance with current EPA requirements for radon resistant construction techniques, including, but not limited to, *Radon Resistant Construction techniques for New Residential Construction: Technical Guidance*, February 1991, EPA 625-291-032 {available from NSCEP by calling (800) 490-9198}, and all new construction must follow the *Model Standards and Techniques for Control of Radon in New Residential Buildings*, March 1994, EPA402-R-94-009. Available on line at: <http://www.epa.gov/government/iaq/radon/pubs/newconst.html>, and the new buildings must be tested for radon upon completion of construction.

5.4.22 Noise

During GEC's site reconnaissance on May 10, 2012, GEC assessed noise levels at the subject site to determine if noise levels would exceed the HUD limitations for exterior and interior locations. By use of web-based, on-line data and mapping and in accordance with HUD guidance, GEC found one military airfield to be a potential contributor to noise at the subject site. No major roads were found within 1,000 feet, no railways were found within 3,000 feet, no civil airports were found within five miles, and no other military airfields were found within 15 miles of the subject site.

The Hunter Army Airfield is located approximately 5.0 miles east of the subject site. Completion of the Noise Assessment Guidelines (NAG) worksheets indicates an Acceptable (per the NAG) exterior day night level (DNL) of < 65 DNL as a result of this potential noise source.

The relevant noise evaluations and other supporting documentation are presented in Appendix F. GEC found that the HUD noise limitations for exterior locations at the subject site would not be exceeded by this listed source, therefore, GEC does not anticipate that noise issues will be a concern that would preclude the development of the subject property as a DCA-funded project. The relevant noise evaluations and other supporting documentation are attached.

5.4.23 Vapor Encroachment Screening

GEC also contracted with Environmental Data Resources, Inc. (EDR) to conduct a site specific radius search and examination of reasonably ascertainable Federal, State, and Local regulatory files concerning the site and nearby sites regarding vapor encroachment. The following lists were included, in the records review: **(FEDERAL) NPL, CERCLIS, RCRA-CORRACTS, RCRA-TSD, RCRA generators, and INSTITUTION CONTROLS / ENGINEERING CONTROLS, (STATE and TRIBAL) CERCLIS, LANDFILL / SOLID WASTE DISPOSAL, LUST, UST, INSTITUTION CONTROLS / ENGINEERING CONTROLS, VOLUNTARY CLEANUP, BROWNFIELDS, and OTHER STANDARD ENVIRONMENTAL RECORDS.** The report includes **HISTORICAL USE RECORDS: FORMER MANUFACTURED GAS PLANTS** (see attached EDR report in Appendix E for the list of databases, their currency, their definitions, and sources for these records). The radii used in the search for each of the above records are indicated on Page 3 in the EDR Environmental Database Report, and they were specifically designed by EDR to meet the search requirements of the ASTM Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions (E 2600). Neither a State Engineering Controls database,

nor state or tribal voluntary cleanups database is available in Georgia.

GEC's methodology for performing this vapor encroachment screening consisted of assessing all the information collected in the Phase I investigation, including information collected in site reconnaissance, interviews, and actual or probable chemical usage on the target property or nearby property.

Tier 1 of the ASTM E 2600-10 Standard Practice for Assessment of Vapor Encroachment Screening on Property Involved in Real Estate Transactions in accordance with Sections 8.1.3.1 through 8.1.3.9 of the Practice was performed during this assessment.

The Vapor Encroachment (VE) Screen report did not identify any database sites within the ASTM E 2600 prescribed search radii of the subject property. Therefore, GEC is of the opinion that vapor encroachment is unlikely to be an issue of concern in connection with planned structures on the subject property. Refer to Appendix E (EDR Vapor Encroachment Screen) and Section 4.1.1.1 for further details.

5.4.24 Other Site Reconnaissance Issues

GEC did not identify any other site reconnaissance issues regarding the subject site.

5.5 Past Site Use

5.5.1 Recorded Land Title Records

Property ownership history sometimes provides an indication of a potential environmental problem at a site. The ownership and deeds reviewed may not include all of the previous owners or occupants that may have or have had an interest in the subject property. The subject site, which is approximately 18.5 acres in size, is located southwest of Quacco in the City of Savannah, Chatham County, Georgia. The subject property consists of undeveloped, unoccupied land. The subject property appears on the Chatham County Tax Map as parcel # 1-1007-01-002.

GEC contracted Mr. Frank May, a professional title researcher, for the purpose of researching and establishing a chain of ownership for environmental purposes for the subject property. Mr. May provided the chain of ownership information for GEC's review on June 9, 2012. Mr. May's review of the subject property's chain of title information indicated that the site was part of a tract known as Laurel Green Plantation. A Hazardous Substances Certificate & Indemnity Agreement between Quacco Land Investments, LLC and United Community Bank, Savannah revealed that after due inquiry and investigation, no known environmental concerns are associated with the subject site. The site was privately owned until 2006 when it was sold to the current owner, Quacco Land Investments, LLC.

Mr. May found no environmental liens, activity or use limitations, or engineering controls filed in the deed records, relating to conditions involving the subject site. The review of the deed records and the history of ownership did not indicate previous ownership site activities that would be expected to have created environmental concerns on the subject property.

Copies of the site's property record card, tax map, deeds, and plat map, are presented in Appendix D.

5.5.2 Environmental Liens

The property records reviewed by GEC did not indicate any environmental liens, and the Users and/or local public agency contacts reported none.

5.5.3 Activity & Use Limitations

The property records reviewed by GEC did not indicate any activity or use limitations, and the Users and/or local public agency contacts reported none.

5.5.4 Aerial Photographs & Topographic Maps

GEC reviewed readily available aerial photographs of the subject property to assist in developing the historic usage of the site. Aerial photographs (2007, 2006, 2005, 1993, 1988, 1971, 1968, 1951) were obtained through a commercial database search firm, Environmental Data Resources, Inc. The 2011 aerial photograph was obtained off the Internet at the Google Earth™ web page. A copy of the 2011 aerial photograph appears in Appendix A (Maps/Figures as Figure 8), and copies of the additional historical aerial photographs appear in Appendix C.

The aerial photographs reviewed did not indicate obvious environmental impacts to the site. During GEC's site visit on May 10, 2012, the approximately 18.5-acre tract of land consisted of undeveloped, unoccupied land. GEC's review of all of the readily available historical aerial photographs indicates that the subject property appears to have been undeveloped land since, and likely not before, 1951 to the 2011 aerial photograph.

The site vicinity currently consists of residential and undeveloped wooded properties. GEC's review of the readily available historical aerial photographs indicates that the site vicinity appears to be residentially developed in the northern and eastern directions and wooded land to the south and west on the 1988 to 2011 aerial photographs.

The subject property can be found on the 1980 Garden City, Georgia Quadrangle of the U.S.G.S. 7.5-minute series Topographic Map with contour intervals of 1.5 feet. A copy of the pertinent portions of this topographic map, showing the subject property and the surrounding area, is presented as Figure 1 in Appendix A. The Environmental Data Resources, Inc. (EDR) Historical Topographic Map Report, which provided additional U.S.G.S. Topographic Maps, is presented in Appendix C.

The site elevation, as shown on the topographic map, is approximately 6 feet above mean sea level. Based on review of the topographic map and observations made during the site reconnaissance, the overall direction of shallow groundwater movement at the subject property (assuming the flow mimics topography) would be expected to be generally to the southwest toward Little Ogeechee River located west-southwest of the subject site.

5.5.5 Sanborn Fire Insurance Maps

GEC contacted Environmental Data Resources, Inc. (EDR) to search for Sanborn Fire Insurance Maps, which were devised by insurance adjusters as early as the 1800s to show the use of properties at specified dates for the purpose of determining the risk of fire. The maps also

identify businesses and activities, as well as some construction details, for those properties they cover. The Sanborn Maps are helpful in identifying historical environmental concerns that may have otherwise been unrecorded or left no evidence of their existence. Sanborn Map coverage does not exist for the target property.

Based on GEC's review of the readily available historical sources, such as Sanborn Fire Insurance Maps (or lack thereof), chain of ownership records and aerial photographs, the subject property was historically undeveloped since, if not before, 1951

The Sanborn maps No Coverage sheet can be found in Appendix C.

5.5.6 City Directories

GEC contracted with EDR, Inc. to search for city directories, which have been published for cities and towns across the U.S. since the 1700s. Originally a list of residents, the city directory developed into a sophisticated tool for locating individuals and businesses in a particular urban or suburban area. Directories are generally divided into three sections; a business index, a list of resident names and addresses, and a street index. With each address, the directory lists the name of the resident or, if a business is operated from this address, the name and type of business (if unclear from the name). While city directory coverage is comprehensive in major cities, it may be spotty for rural areas and small towns. City directory coverage exists for the target property in the 2005 Polk City Directories. A copy of the EDR – City Directory Abstract is presented in Appendix C.

In 2005, the subject property is not specifically identified. Surrounding properties were found on the city directory search in 2005 and identified as residential and vacant lots with a couple of commercial properties (Maintenance roofing, Green trucking). Examination of the EDR – City Directory Abstract did not reveal any other indications of environmental concerns for the subject property or the surrounding area.

5.5.7 Previous Environmental Studies

GEC has not performed any previous studies on this site, nor was GEC provided with any information concerning a previous study of the proposed Preserve at Ogeechee site.

5.5.8 Other

Additional knowledge of the area, interviews, research of Sanborn maps, U.S.G.S. Topographic Maps, tax records, and interpolation between other aerals, the subject site was undeveloped land prior to the oldest available aerial photograph taken in 1951 and the oldest available topographic map taken in 1955, likely the first known use of the property. The reviewed historical information and research leads GEC to believe that the subject property has been nothing other than undeveloped wooded land.

No additional environmental historical sources, not designated in Sections 8.3.4.1 through 8.3.4.8 of the ASTM E 1527-05 standard, were sought nor deemed necessary to identify past uses of the subject property.

5.6 Current Surrounding Land Use

5.6.1 North

Residential development is located north, northeast of the subject property across Quacco Road.

5.6.2 East

Residential development is located east and southeast of the subject property.

5.6.3 South

Woodlands and the Little Ogeechee River are located south of the subject property.

5.6.4 West

Undeveloped, wooded land is located west of the subject property, with a residential development beyond.

5.7 Past Surrounding Land Use

5.7.1 North

The surrounding land to the north appears to have been undeveloped on the aerial photographs from 1968 back to 1951. On the 1971 aerial photograph, residential development appears northeast of the subject site and increases on subsequent aerials to 2011.

5.7.2 East

The surrounding land to the east, prior to its current residential development, appears to have been a mixture of residential and commercial use on the aerial photographs from 1994 back to 1968.

5.7.3 South

The surrounding land to the south appears to have remained undeveloped, wooded land back to the earliest available aerial photograph dated 1951.

5.7.4 West

The surrounding land to the west appears to have remained undeveloped, wooded land back to the earliest available aerial photograph dated 1951.

5.8 Historic Preservation

GEC reviewed information provided on the National Register of Historic Places website in May 2012. According to the reviewed information, two historic sites, Savannah and Ogeechee Canal and Lebanon Plantation, are located 2.93 miles northeast and 2.59 miles southeast of the subject site, respectively. Refer to Appendix Q for copies of the National Register map.

6.0 DATA GAPS

6.1 Identification of Data Gaps

The only data gaps experienced during the course of this DCA Phase I ESA were in intervals between aerial photographs longer than five years. Additional knowledge of the area, interviews, research of Sanborn maps, U.S.G.S. Topographic Maps, tax records, and interpolation between other aerials, the subject site was undeveloped land prior to the oldest available aerial photograph taken in 1951 and the oldest available topographic map taken in 1955. Reviewed title records indicated the property has been in private individuals' or non-industrial entities' ownership and has been undeveloped wooded land since and likely before, 1943, likely the first known use of the property. The reviewed historical information and research leads GEC to believe that the subject property has been nothing other than undeveloped wooded land.

6.2 Sources of Information Consulted to Address Data Gaps

Based on the research information, the data gaps identified are not considered to be significant. No other significant data gaps were experienced during the course of this DCA Phase I ESA.

6.3 Significance of Data Gaps

No significant data gaps were experienced during the course of this DCA Phase I ESA.

7.0 ENVIRONMENTAL CONCERNS

7.1 On-Site

The site reconnaissance and research revealed no evidence of recognized environmental conditions that would indicate an existing release, a past release or a material threat of a release of hazardous substances or petroleum products on the property or into the ground, groundwater or surface water of the property. Based on the findings presented in this report, GEC found no other recognized environmental conditions associated with the subject property.

7.2 Off-Site

The site reconnaissance and research conducted during the course of this project revealed no evidence of recognized environmental conditions that would indicate an existing release, a past release or a material threat of a release of hazardous substances or petroleum products on the property or into the ground, groundwater or surface water of the property from an adjacent property.

8.0 CONCLUSIONS AND RECOMMENDATIONS

GEC has completed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 and the Georgia DCA Environmental Site Assessment Standard on the approximately 18.5-acre proposed The Preserve at Ogeechee site located southwest of Quacco Road in the City of Savannah, Chatham County, Georgia.

We have performed a *Phase I Environmental Site Assessment* in conformance with the scope and

limitations of ASTM Practice E 1527 of the proposed The Preserve at Ogeechee apartment site at Quacco Road, Savannah, Georgia, and legally described as contained in Tax Parcel #1-1007-01-002 of Chatham County, Georgia, the *property*. Any exceptions to, or deletions from this practice are described in Section 2.0 of this *report*. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the *property*.

The DCA Phase I ESA was performed in accordance with the American Society for Testing and Materials (ASTM) E 1527-2005, Standard Practice for Environmental Site Assessments. The ASTM E 1527-2005 is the most current ASTM standard for this work. The Phase I ESA consisted of a site reconnaissance of the subject property, review of applicable and reasonably ascertainable information about the subject property, and interviews with selected officials knowledgeable about the subject property. The Phase I ESA was intended to provide an overview of environmental conditions at the subject property resulting from current and/or past site activities.

While conducting the Phase I ESA of the subject property, GEC followed the 2012 Georgia DCA Environmental Manual, its ESA standard, which requires that the consultant follow the ASTM standard and provide some additional information that exceeds the ASTM requirements. This information addresses items referred to as “non-scope” items in the ASTM Practice, and includes wetlands, state waters, floodways/floodplains, additional public/historic records review, noise, water leaks/mold/fungi/microbial growth, radon, asbestos containing materials (ACMs), lead-based paint (LBP), lead in drinking water, and including (per DCA guidelines) polychlorinated biphenyls (PCB). Other hazards considered for the DCA ESA report include the presence of existing septic tanks or water wells on the subject property or the absence of the availability of a municipal water or sewer system to the subject site.

Interviews and review of reasonably ascertainable records by GEC during the completion of the DCA Phase I ESA did not indicate past usage or conditions which would likely result in significant environmental concerns. No recognized environmental conditions (RECs), as that term is defined in the referenced ASTM Practice, were identified on the subject property.

The user of this report is encouraged to read the entire report for detailed descriptions of the property and the observations and judgments made by GEC. The user is ultimately responsible for assessing whether the limitations of the ASTM Practice and this project’s scope of work are appropriate to the level of risk the user assumes for the subject property transaction. The following summarizes general information discovered during GEC’s Phase I ESA.

- The site reconnaissance and research revealed no business risk issues or no evidence of recognized environmental conditions that would indicate an existing release, a past release or a material threat of a release of hazardous substances or petroleum products on the property or into the ground, groundwater or surface water of the property.
- Based on GEC’s review of the readily available historical sources, such as Sanborn Maps, chain of ownership records, and aerial photographs, the subject property was wooded, undeveloped land on the 1951 aerial photograph and appears to have remained so until the most current aerial photograph taken in 2011. The 1951 aerial photograph shows the vicinity in all directions as primarily undeveloped, wooded land. Evidence of development appears in the eastern vicinity on the 1968 aerial and in the northwestern vicinity on the 1971 aerial photograph. On the 1988 aerial photograph, significant

residential development appears in the northwestern vicinity as well as the northern and eastern adjacent properties to the subject site. Residential development continues to encroach on the subject property on the 1993 and 2005 aeriels. The site and its surroundings appear on the 2005 aerial photograph essentially as they do currently. The subject property's chain of title information indicated that the subject property was part of a tract known as Laurel Green Plantation. The site was privately owned until it was sold to Quacco Land Investment, LLC (current owner) in 2006. Research of readily available historic tax records and aerial photographs indicated the property has been in private individuals' or non-industrial entities' ownership and has been undeveloped wooded land since and likely before, 1943 according to title records.

- The 2012 Environmental Data Resources, Inc. (EDR) Report did not identify the subject property on any of the Federal or State databases, nor did it identify any database sites within the ASTM E 1527 prescribed search radii of the subject property. Therefore, no surrounding properties are considered to be a potential environmental and/or financial concern to the subject site. Refer to Section 4.0 and Appendix G for the EDR Environmental Database Report.
- GEC reviewed the U.S. Department of Interior Fish and Wildlife Division National Wetlands Inventory (NWI) Map, and according to the NWI map, no wetland areas were identified on the subject property; however, there are wetlands adjacent to the southern and western portions of the subject property. GEC reviewed a copy of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM), and according to the map, the southern and western portions of the subject property are located in a Special Flood Hazard area subject to inundation by a 1% annual chance flood. The attached site plan indicates that the flood plain area will have a 100-foot buffer as established by the Georgia Department of Community Affairs; therefore, GEC does not anticipate that a flooding hazard will deter the development of the subject property.

8.1 On-Site

Based on the findings presented in this report, GEC found no obvious environmental concerns or risks associated with the subject property; therefore, we recommend no further environmental study of the site at this time.

8.2 Off-Site

Based on the findings presented in this report, GEC found no obvious environmental concerns regarding off-site properties within the ASTM search radii; therefore, we recommend no further study of potential off-site impacts at this time.

9.0 DATA REFERENCES

GDCA 2012 Environmental Manual
American Society for Testing and Materials (ASTM) E 1527-2005, Standard Practice for
Environmental Site Assessments
Mr. W. H. Gross with W.H. Gross Construction Company
(The Preserve at Ogeechee, L.P.) – client
Mr. Roy Patel with Quacco Land Investments, LLC- current owner
City of Savannah and Chatham County, Georgia
Consolidated Utilities, Inc.
Chatham County Health Department, Environmental Services
Southside Fire Department
City of Savannah Planning & Zoning
Chatham County Tax Assessor's website
Chatham County Clerk of Superior Court (Deed Copies)
Environmental Data Resources, Inc. (EDR) – environmental database report &
historical aerial photographs and topographic map, Sanborn Maps, and City Directories
Google Earth website (2011 aerial photograph)
United States Geological Survey (U.S.G.S.) and Georgia Geologic Survey
Federal Emergency Management Agency (FEMA) Map Service Center (MSC) website (FIRM)
U.S. Dept. of the Interior Fish & Wildlife Service's National Wetlands Inventory (NWI) Map
United States Environmental Protection Agency (EPA) Publication 402-R-93-030:
EPA's Map of Radon Zones for Georgia, dated September 1993
Delorme™ 3-D TopoQuads™

10.0 VALUATION REDUCTION

10.1 Purchase Price

According to both the User and Owner, the purchase price of the subject site is equal to the fair market value.

10.2 Interview of Broker regarding Market Value

GEC understands that no broker is involved in the sale of the subject property.

10.3 Differential between Purchase Price & Market Value

According to the User and Owner, the purchase price of the subject site is equal to the fair market value.

10.4 Environmental Reasons for any Differential

Since no differential between the purchase price and market value of the property exists, there is no known devaluation of the property for environmental reasons.

APPENDICES

GEC

**APPENDIX A:
Figures & Maps**

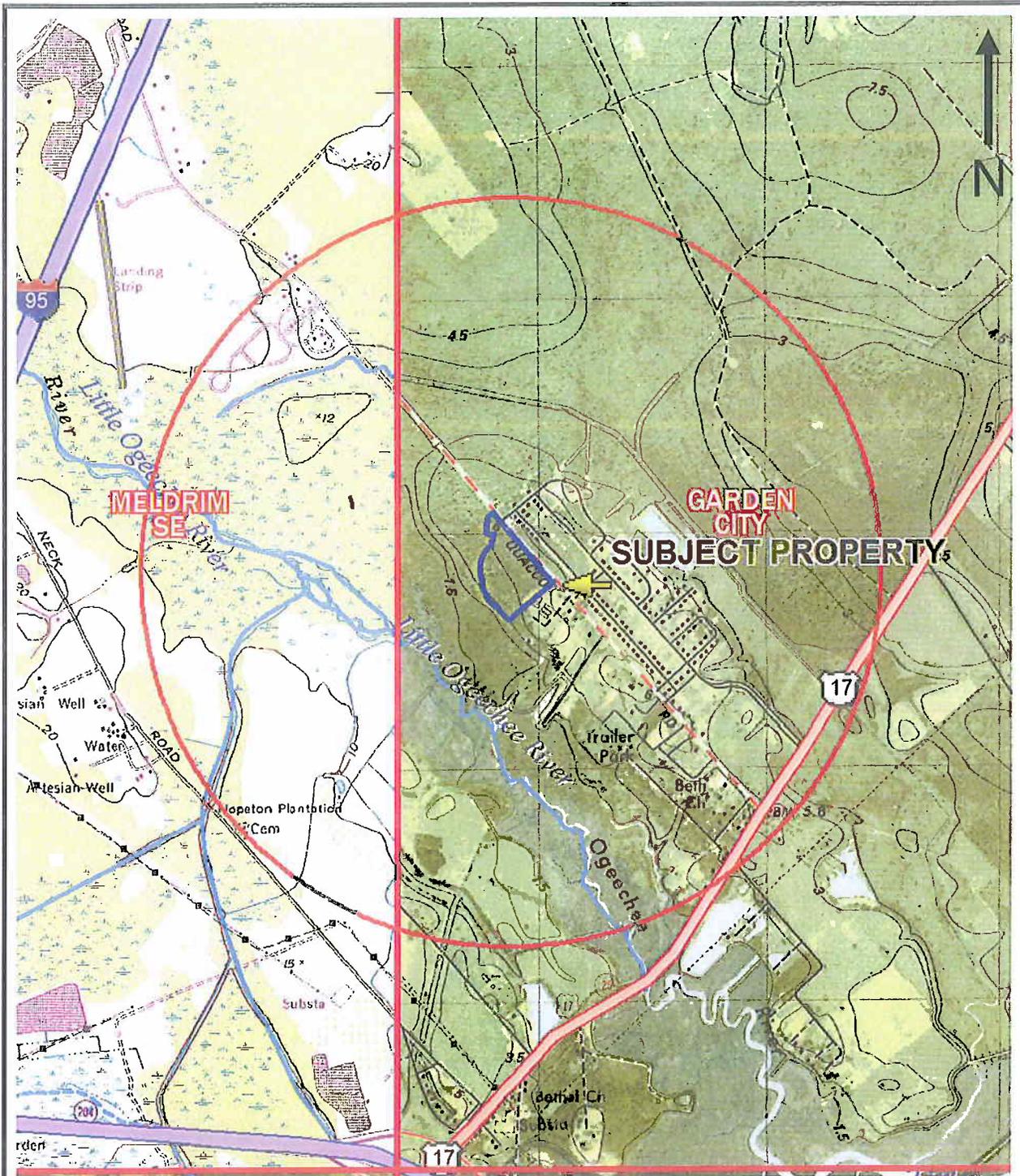


Figure 1
U.S.G.S. Topographic Map
The Preserve @ Ogeechee
Savannah, Chatham County, Georgia
GEC Project No. 120315.240
Approximate Scale: 1" = 2,000'
Source: Garden City, GA Quadrangle
(1980)

GEC
GEOTECHNICAL & ENVIRONMENTAL
CONSULTANTS, INC.

514 Hillcrest Industrial Blvd. Macon, GA 31204 Tel: (478) 757-1606 Fax: (478) 757-1608
 6202 West Hamilton Park Drive Columbus, GA 31909 Tel: (706) 569-0008 Fax: (706) 569-0940



U.S. Fish and Wildlife Service

National Wetlands Inventory



N

Jun 8, 2012

Wetlands

-  Freshwater Emergent
-  Freshwater Forest/Shrub
-  Estuarine and Marine Deepwater
-  Estuarine and Marine
-  Freshwater Pond
-  Lake
-  Riverine
-  Other



This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currency of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

Figure 2
National Wetlands Inventory (NWI) Map
The Preserve @ Ogeechee
Savannah, Chatham County, Georgia
GEC Project No. 120315.240
Approximate Scale: 1"=1,100'
Source: U.S. Fish & Wildlife Service

GEC

GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS, INC.

514 Hillcrest Industrial Blvd. Macon, GA 31204 Tel: (478) 757-1606 Fax: (478) 757-1608
 6202 West Hamilton Park Drive Columbus, GA 31909 Tel: (706) 569-0008 Fax: (706) 569-0940



Figure 3
Soil Survey Map
The Preserve @ Ogeechee
Savannah, Chatham County, Georgia
Approximate Scale: 1" = 200'
GEC Project No. 120315.240
Source: USDA NRCS

GEC
GEOTECHNICAL & ENVIRONMENTAL
CONSULTANTS, INC.

514 Hillcrest Industrial Blvd. Macon, GA 31204 Tel: (478) 757-1606 Fax: (478) 757-1608
 6202 West Hamilton Park Drive Columbus, GA 31909 Tel: (706) 569-0008 Fax: (706) 569-0940

MAP LEGEND

- Area of Interest (AOI)
 - Area of Interest (AOI)
- Soils
 - Soil Map Units
- Special Point Features
 - Blowout
 - Borrow Pit
 - Clay Spot
 - Closed Depression
 - Gravel Pit
 - Gravelly Spot
 - Landfill
 - Lava Flow
 - Marsh or swamp
 - Mine or Quarry
 - Miscellaneous Water
 - Perennial Water
 - Rock Outcrop
 - Saline Spot
 - Sandy Spot
 - Severely Eroded Spot
 - Sinkhole
 - Slide or Slip
 - Sodic Spot
 - Spoil Area
 - Stony Spot
- Special Line Features
 - Gully
 - Short Steep Slope
 - Other
- Political Features
 - Cities
- Water Features
 - Streams and Canals
- Transportation
 - Rails
 - Interstate Highways
 - US Routes
 - Major Roads
 - Local Roads

MAP INFORMATION

Map Scale: 1:2,580 if printed on A size (8.5" x 11") sheet.
 The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

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

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
 Coordinate System: UTM Zone 17N NAD83

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

Soil Survey Area: Bryan and Chatham Counties, Georgia
 Survey Area Data: Version 7, Mar 28, 2011

Date(s) aerial images were photographed: 6/26/2007; 7/19/2007

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

Map Unit Legend

Bryan and Chatham Counties, Georgia (GA613)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Oj	Ocilla complex	13.8	75.5%
Waf	Wahee sandy loam	4.5	24.5%
Totals for Area of Interest		18.2	100.0%

PANEL 0140F

FIRM

FLOOD INSURANCE RATE MAP
CHATHAM COUNTY,
GEORGIA
AND INCORPORATED AREAS

PANEL 140 OF 455

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
CHATHAM COUNTY	130500	0140	F
GASTON CITY, CITY OF	135161	0140	F
SAVANNAH, CITY OF	135165	0140	F

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
13051C0140F

EFFECTIVE DATE
SEPTEMBER 26, 2008

Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM

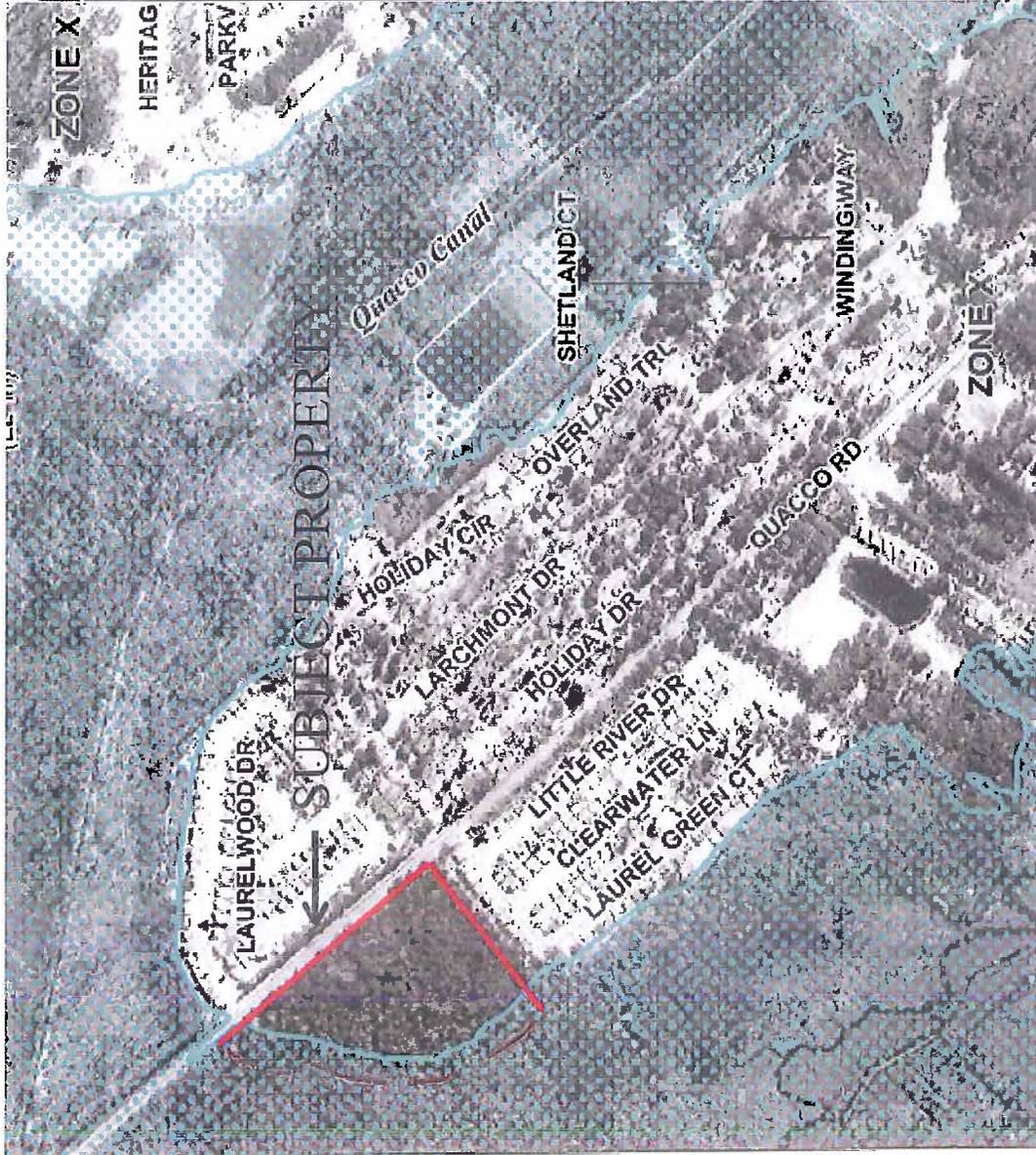


Figure 4
Flood Insurance Rate Map (FIRM)
The Preserve @ Ogeechee
Savannah, Chatham County, Georgia
GEC Project No. 120315.240
Approximate Scale: 1" = 970'
Source: FEMA Map Service Center Website

GEC

**GEOTECHNICAL & ENVIRONMENTAL
CONSULTANTS, INC.**

514 Hillcrest Industrial Blvd. Macon, GA 31204 Tel: (478) 757-1606 Fax: (478) 757-1608
 6202 West Hamilton Park Drive Columbus, GA 31909 Tel: (706) 569-0008 Fax: (706) 569-0940

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD



The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevations determined.

ZONE AE Base Flood Elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99 Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.



FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.



OTHER FLOOD AREAS

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.



OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D Areas in which flood hazards are undetermined, but possible.



COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS



MAP SCALE 1" = 500'



- OTHERWISE PROTECTED AREAS (OPAs)**
 CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
- 1% annual chance floodplain boundary
 - 0.2% annual chance floodplain boundary
 - Floodway boundary
 - Zone D boundary
 - CBRS and OPA boundary
 - Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
 - Base Flood Elevation line and value; elevation in feet*
 - Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988



Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) WGS84 Hemisphere.
 5000-foot grid ticks: Georgia State Plane coordinate system East zone (FIPS Zone 1001), Transverse Mercator
 1000-meter Universal Transverse Mercator grid values, zone 17
 Bench mark (see explanation in Notes to Users section of this FRM print)
 River Mile
 • M1.5

MAP REPOSITORY
 Refer to listing of Map Repositories on Map Index
 EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
 SEPTEMBER 26, 2008

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
 For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.
 To determine if flood insurance is available in this community contact your insurance agent or call the National Flood Insurance Program at 1-800-650-6620.



This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

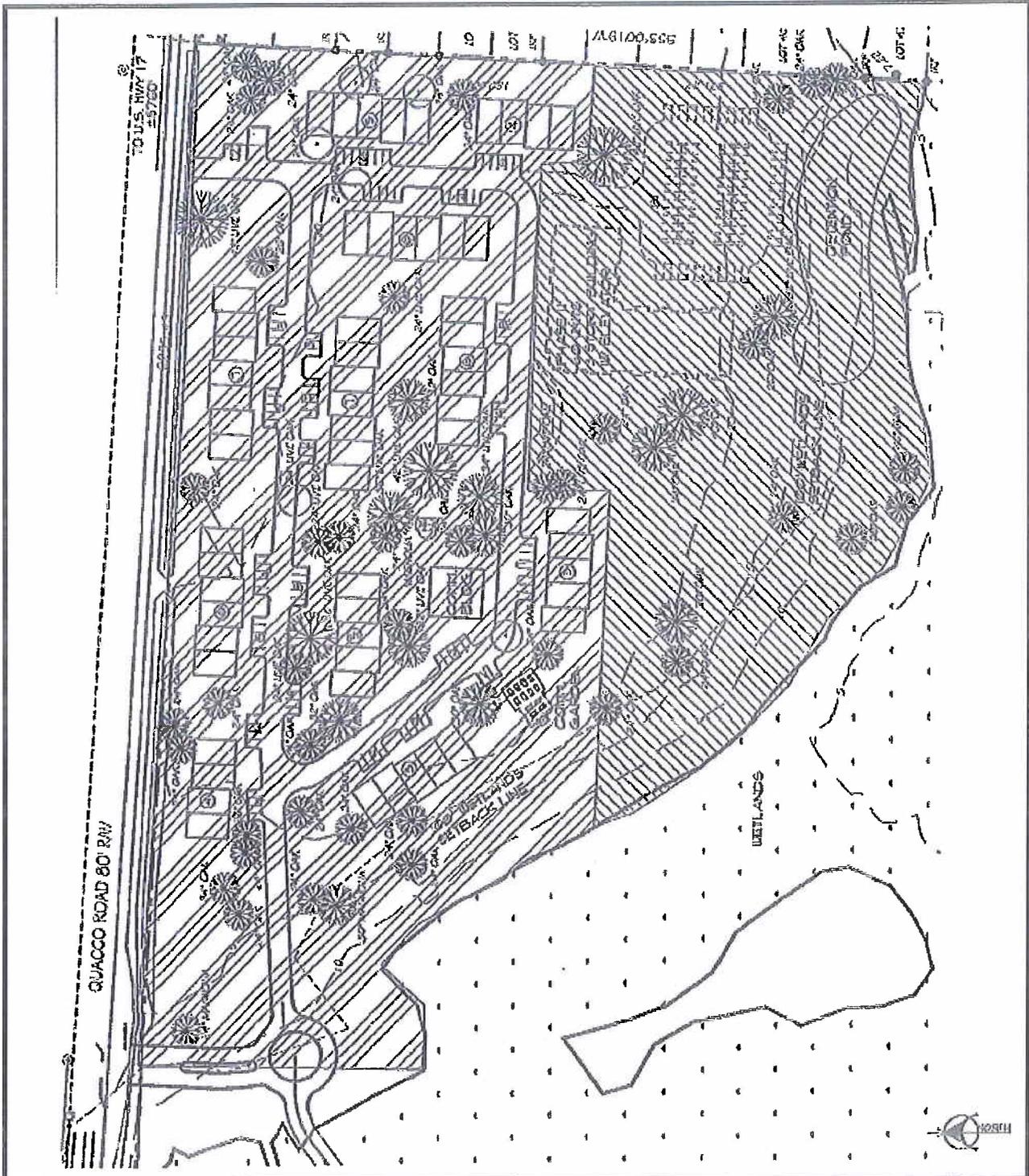


Figure 6
Site Plan
The Preserve @ Ogeechee
Savannah, Chatham County, Georgia
GEC Project No. 120315.240
Approximate Scale: 1"=160'
Source: GEC's Client

GEC
GEOTECHNICAL & ENVIRONMENTAL
CONSULTANTS, INC.

514 Hillcrest Industrial Blvd. Macon, GA 31204 Tel: (478) 757-1606 Fax: (478) 757-1608
 6202 West Hamilton Park Drive Columbus, GA 31909 Tel: (706) 569-0008 Fax: (706) 569-0940

GEORGIA

The U.S. EPA and the U.S. Geological Survey have evaluated the radon potential in the U.S. and have developed this map to assist National, State, and local organizations to target their resources and to assist building code officials in deciding whether radon-resistant features are applicable in new construction. This map is not intended to be used to determine if a home in a given zone should be tested for radon. Homes with elevated levels of radon have been found in all three zones. All homes should be tested regardless of geographic location. The map assigns each of the 3,141 counties in the U.S. to one of three zones based on radon potential. Each zone designation reflects the average short-term radon measurement that can be expected to be measured in a building without the implementation of radon control methods. The radon zone designation of the highest priority is Zone 1.

Important: Consult the EPA Map of Radon Zones document (EPA-402-R-93-071) before using this map. This document contains information on radon potential variations within counties. EPA also recommends that this map be supplemented with any available local data in order to further understand and predict the radon potential of a specific area. This and other indoor air quality publications can be ordered through the [IAQ INFO Clearinghouse](#).

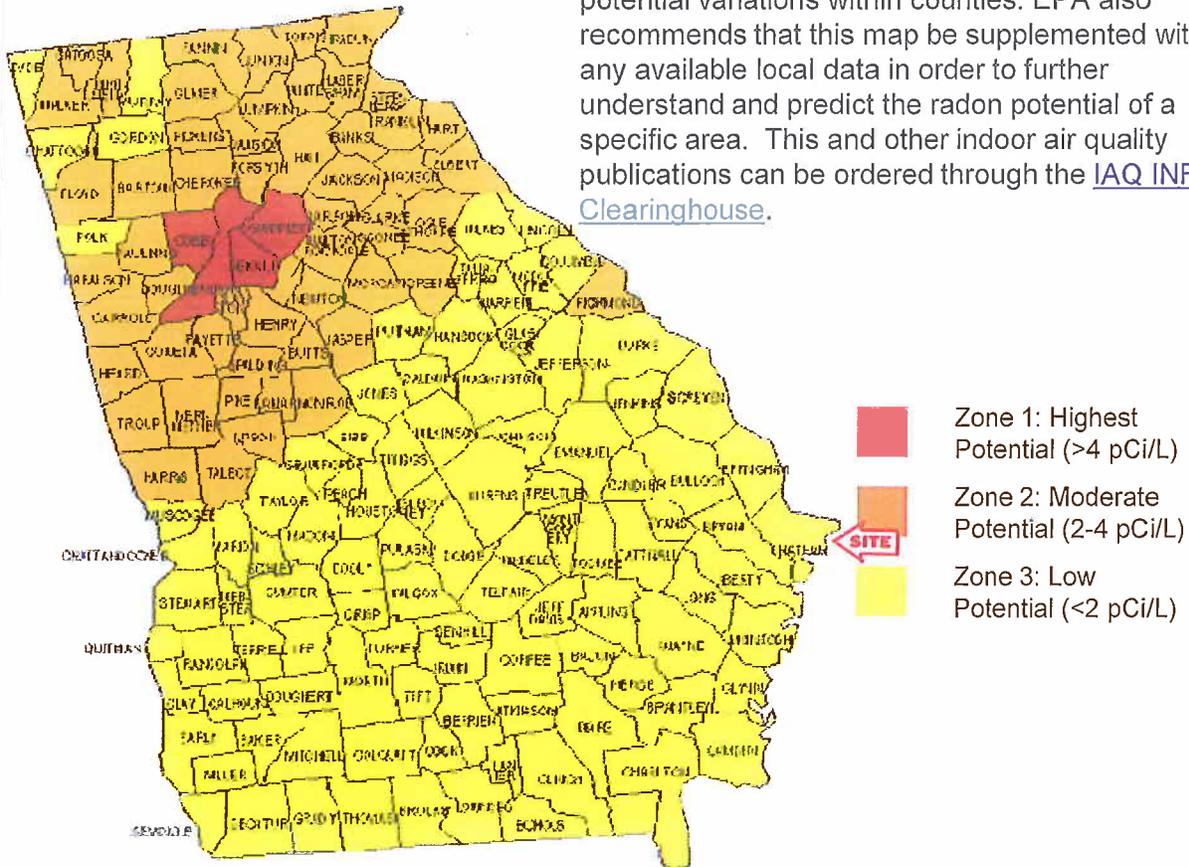


Figure 7
Radon Map
 The Preserve @ Ogeechee
 Savannah, Chatham County, Georgia
 GEC Project No. 120315.240
 Source: US EPA Website
www.epa.gov/iaq/radon/zonemap

GEC
 GEOTECHNICAL & ENVIRONMENTAL
 CONSULTANTS, INC.

514 Hillcrest Industrial Blvd. Macon, GA 31204 Tel: (478) 757-1606 Fax: (478) 757-1608
 6202 West Hamilton Park Drive Columbus, GA 31909 Tel: (706) 569-0008 Fax: (706) 569-0940



Figure 8
2011 Aerial Photograph
The Preserve @ Ogeechee
Savannah, Chatham County, Georgia
GEC Project No. 120315.240
Approximate Scale: 1"=615'
Source: Google Earth Website

GEC
GEOTECHNICAL & ENVIRONMENTAL
CONSULTANTS, INC.

514 Hillcrest Industrial Blvd. Macon, GA 31204 Tel: (478) 757-1606 Fax: (478) 757-1608
 6202 West Hamilton Park Drive Columbus, GA 31909 Tel: (706) 569-0008 Fax: (706) 569-0940

APPENDIX B:
Site Photographs
(All Photographs taken May 10, 2012)



Photographic Map Key- The Preserve @ Ogeechee



Photograph 1: Facing southeast down Quacco Road from the easternmost corner of the site



Photograph 2: View of the southeasterly adjacent residential area from the site's eastern corner



Photograph 3: Looking northwest down Quacco Road from the site's eastern corner; subject property on the left, residential development on the right



Photograph 4: View facing northeast across Quacco Road from the site's eastern corner; residential area on left



Photograph 5: Miscellaneous debris observed near the site's eastern corner



Photograph 6: Wetland area extending west from the center of the site's eastern boundary



Photograph 7: Facing northeast from the site's southern corner; note wetlands



Photograph 8: View of southeasterly adjacent woodlands from the site's southern corner



Photograph 9: View of southwesterly adjacent woodlands from the site's southern corner



Photograph 10: Facing northwest from the site's southern corner; typical interior view of the subject property



Photograph 11: View to the southwest from the site's western corner



Photograph 12: Facing southwest from the western corner of the subject property; subject property on the left, adjacent residential area on the right



Photograph 13: View of the northwesterly adjacent residential development from the western corner of the subject property



Photograph 14: General view of the interior of the subject property from the northern corner



Photograph 15: Facing southeast down Quacco Road from the subject site's northern corner; subject property on right, woodlands on left



Photograph 16: Facing northeast across Quacco Road from the northern corner of the subject property towards what appears to be a creek



Photograph 17: Facing northwest up Quacco Road from the northern corner of the subject property; entrance sign for northwesterly adjacent residential development on the left



Photograph 18: View of residential development across Quacco Road from the subject property

**APPENDIX C:
Historical Research
Documentation**

The Preserve @ Ogeechee

QUACCO RD

Savannah, GA 31419

Inquiry Number: 3313622.5

May 02, 2012

The EDR Aerial Photo Decade Package



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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.

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2012 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Date EDR Searched Historical Sources:

Aerial Photography May 02, 2012

Target Property:

QUACCO RD

Savannah, GA 31419

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1951	Aerial Photograph. Scale: 1"=500'	Flight Year: 1951	USGS
1968	Aerial Photograph. Scale: 1"=950'	Flight Year: 1968	USAF
1971	Aerial Photograph. Scale: 1"=500'	Flight Year: 1971	USGS
1988	Aerial Photograph. Scale: 1"=950'	Flight Year: 1988	USGS
1994,1993	Aerial Photograph. Scale: 1"=500'	/Composite DOQQ - acquisition dates: 1994,1993	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	EDR
2007	Aerial Photograph. Scale: 1"=500'	Flight Year: 2007	EDR



INQUIRY #: 3313622.5

YEAR: 2007

| = 500'





INQUIRY #: 3313622.5

YEAR: 2006

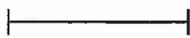
— = 500'





INQUIRY #: 3313622.5

YEAR: 2005

 = 500'



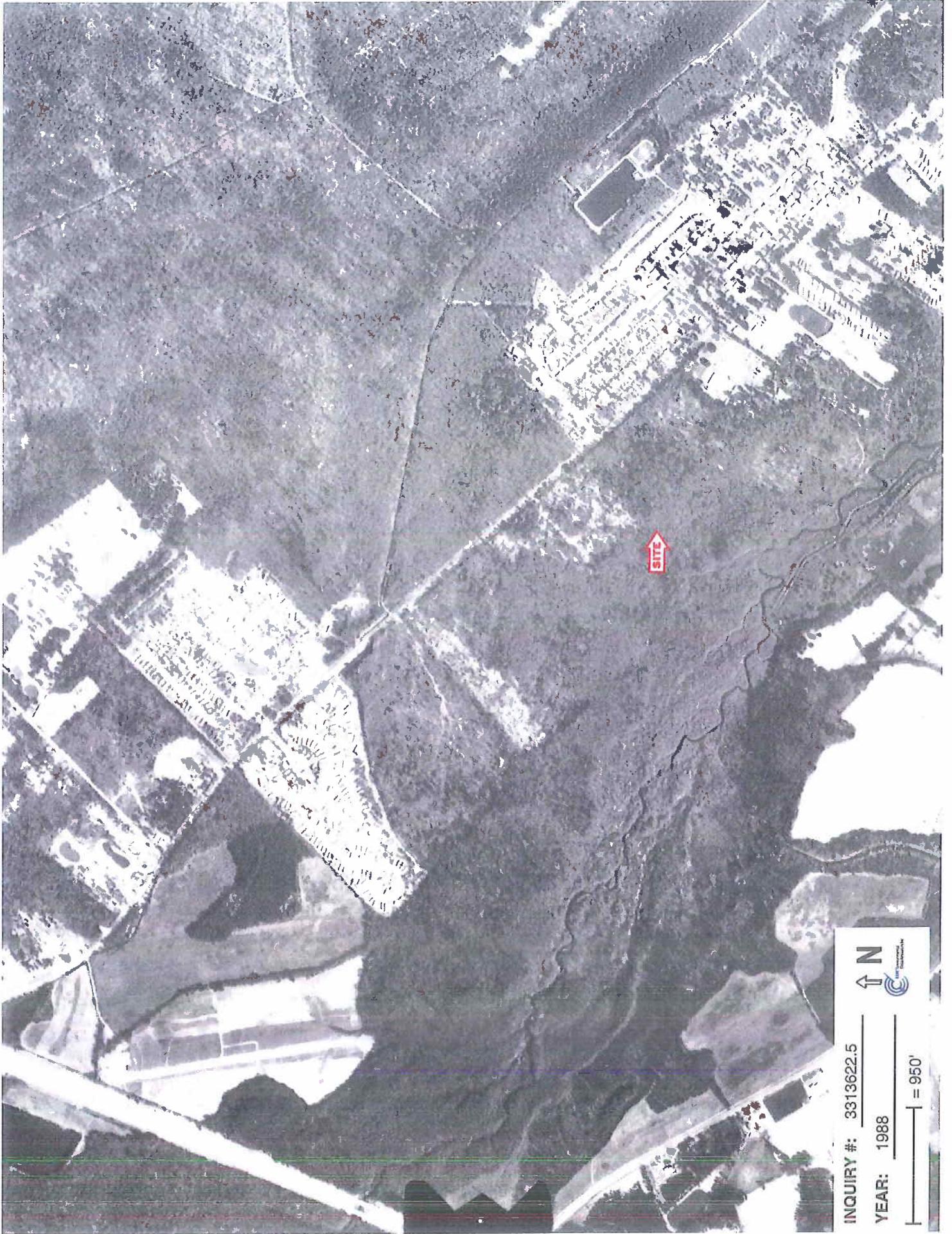


INQUIRY #: 3313622.5

YEAR: 1994, 1993 (DOQQ)

| = 500'





INQUIRY #: 3313622.5
YEAR: 1988
↑ N
= 950'



INQUIRY #: 3313622.5

YEAR: 1971

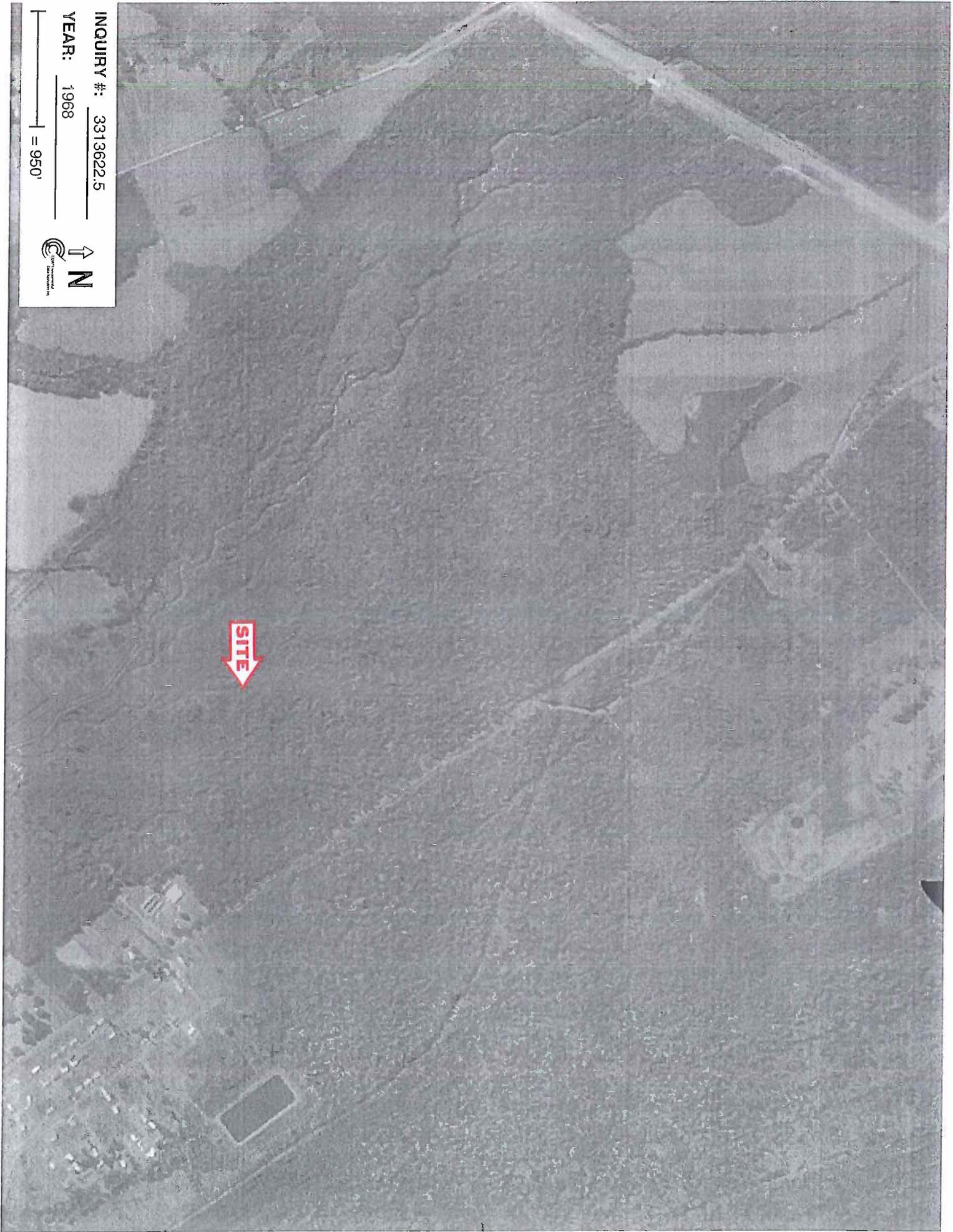
1" = 500'



INQUIRY #: 3313622.5

YEAR: 1968

1" = 950'



INQUIRY #: 3313622.5

YEAR: 1951

1" = 500'



The Preserve @ Ogeechee
QUACCO RD
Savannah, GA 31419

Inquiry Number: 3313622.3
May 01, 2012

Certified Sanborn® Map Report



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

5/01/12

Site Name:

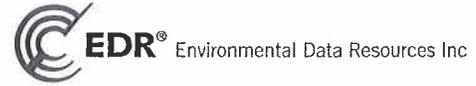
The Preserve @ Ogeechee
QUACCO RD
Savannah, GA 31419

Client Name:

Geotechnical & Env'tl. Cons.
514 Hillcrest Industrial
Macon, GA 31204

EDR Inquiry # 3313622.3

Contact: Greta Woods



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Geotechnical & Env'tl. Cons. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: The Preserve @ Ogeechee
Address: QUACCO RD
City, State, Zip: Savannah, GA 31419
Cross Street:
P.O. # NA
Project: 120315.240
Certification # CBA7-4B9A-946F



Sanborn® Library search results
Certification # CBA7-4B9A-946F

UNMAPPED PROPERTY

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

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Geotechnical & Env'tl. Cons. (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2012 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

The Preserve @ Ogeechee

QUACCO RD

Savannah, GA 31419

Inquiry Number: 3313622.4

May 01, 2012

EDR Historical Topographic Map Report



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

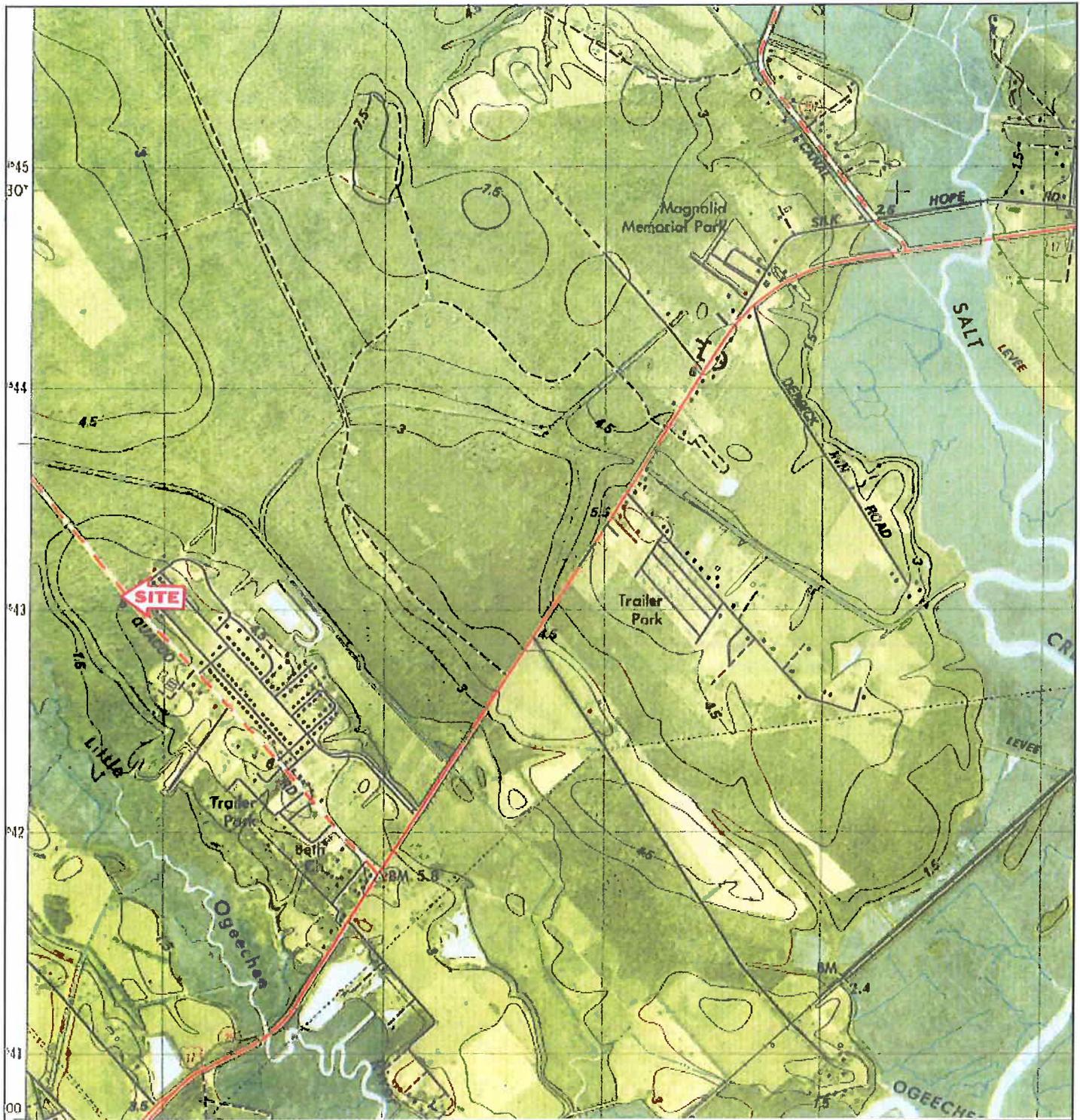
Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2012 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

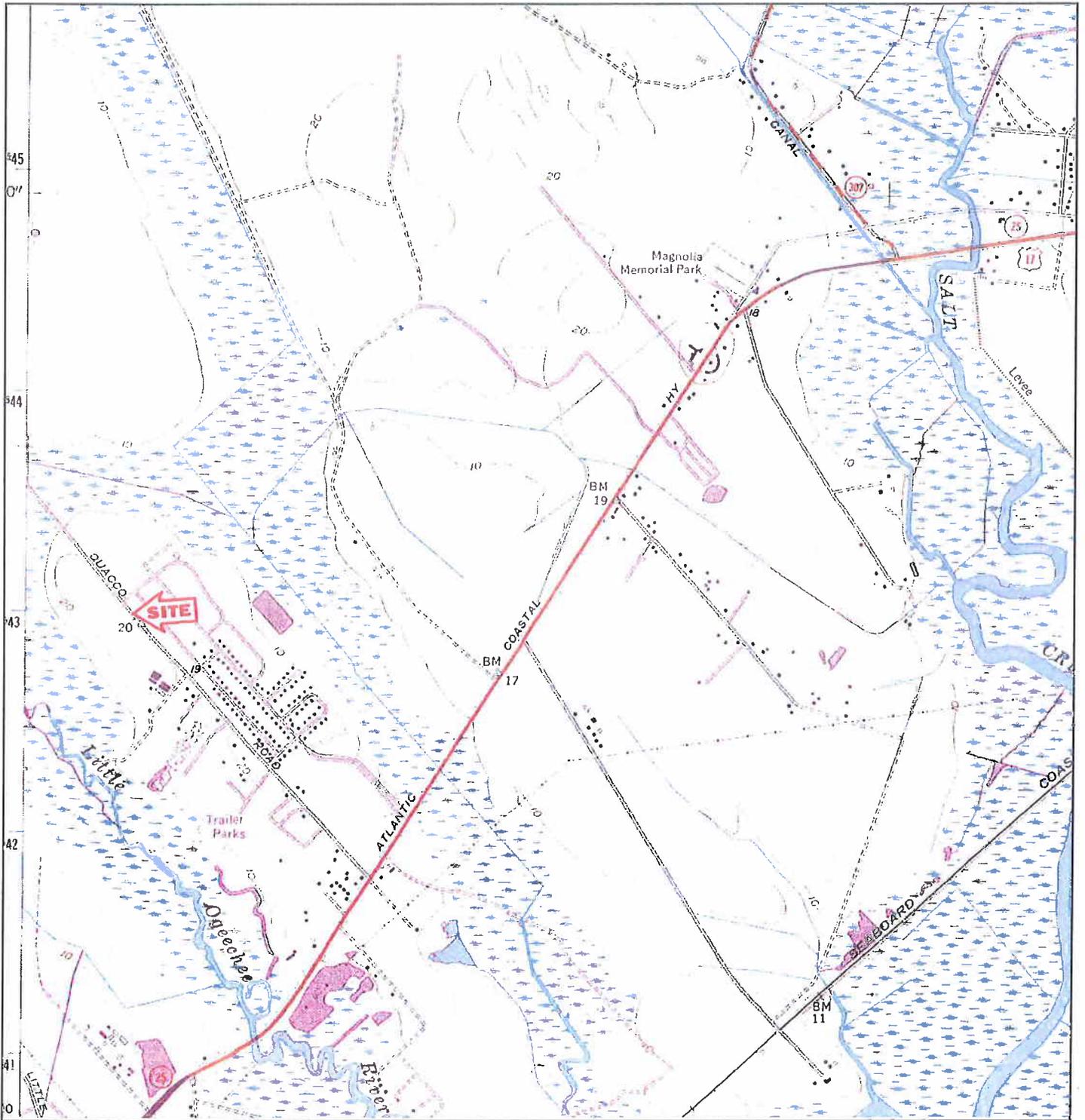
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Historical Topographic Map



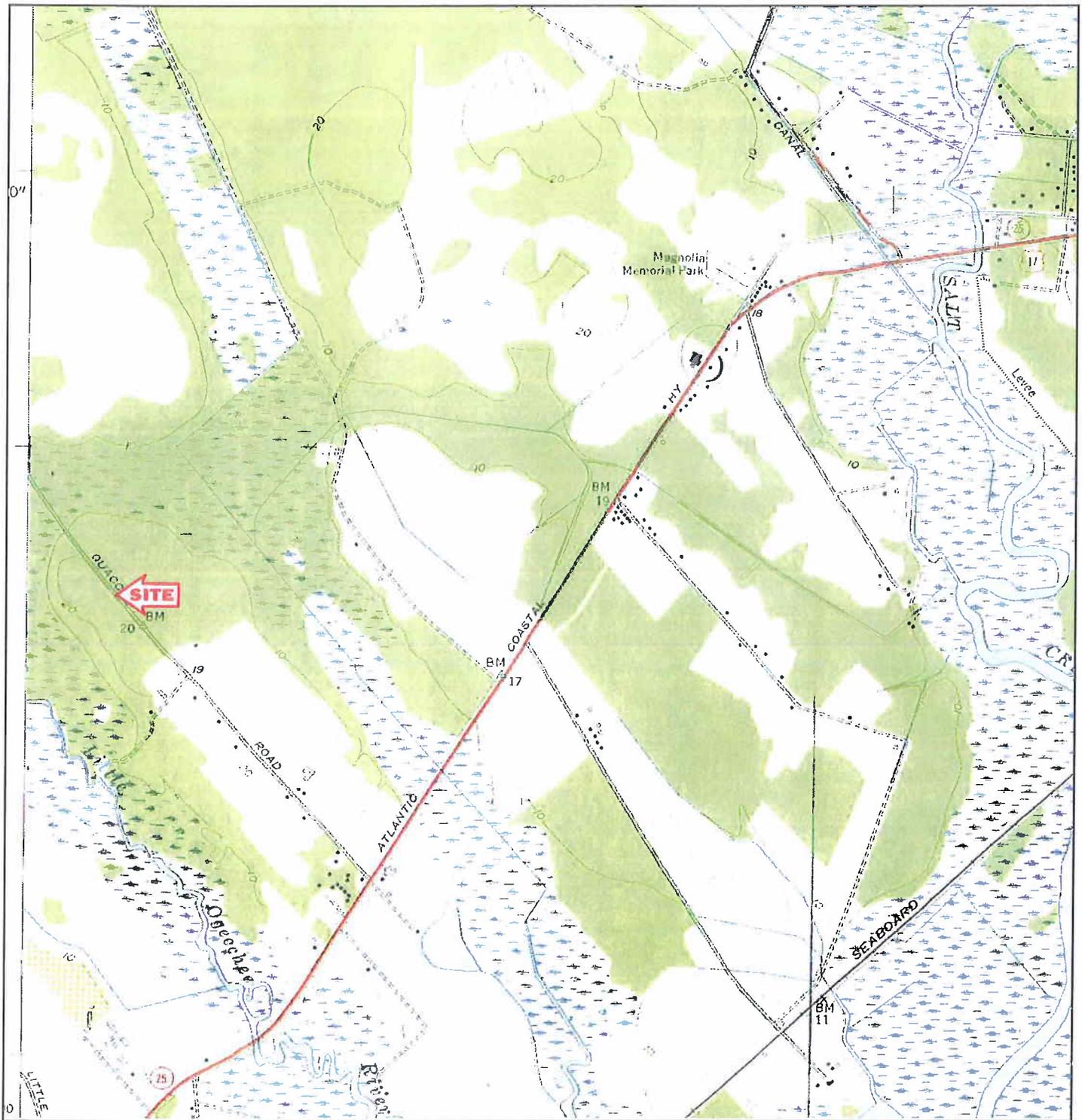
<p>N</p> 	ADJOINING QUAD	SITE NAME:	CLIENT:
	NAME: GARDEN CITY	ADDRESS: The Preserve @	CONTACT: Geotechnical & Env'tl. Cons.
	MAP YEAR: 1980	ADDRESS: QUACORD	CONTACT: Greta Woods
	SERIES: 7.5	ADDRESS: Savannah, GA 31419	INQUIRY#: 3313622.4
SCALE: 1:24000	LAT/LONG: 32.027 / -81.2501	RESEARCH DATE: 05/01/2012	

Historical Topographic Map



<p>N</p> 	ADJOINING QUAD	SITE NAME:	Client:
	NAME: GARDEN CITY	The Preserve @	Geotechnical & Envtl. Cons.
	MAP YEAR: 1971	Quacco	Contact: Greta Woods
	PHOTOREVISED FROM :1955	Savannah, GA 31419	Inquiry#: 3313622.4
	SERIES: 7.5	LAT/LONG: 32.027 / -81.2501	RESEARCH DATE: 05/01/2012
SCALE: 1:24000			

Historical Topographic Map



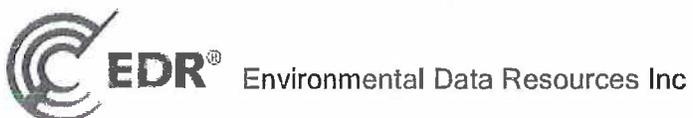
<p>N ↑</p>	ADJOINING QUAD	SITE NAME:	CLIENT:
	NAME: GARDEN CITY	The Preserve @	Geotechnical & Env'tl. Cons.
	MAP YEAR: 1955	ADDRESS: Quacco Road	CONTACT: Greta Woods
	SERIES: 7.5	Savannah, GA 31419	INQUIRY#: 3313622.4
	SCALE: 1:24000	LAT/LONG: 32.027 / -81.2501	RESEARCH DATE: 05/01/2012

The Preserve @ Ogeechee

801 QUACCO RD
Savannah, GA 31419

Inquiry Number: 3313622.6
May 01, 2012

The EDR-City Directory Abstract



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2012 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1923 through 2005. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

Data by

infoUSA[®]

Copyright©2008
All Rights Reserved

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2005	Polk City Directories	X	X	X	X
1997	The Polk Company	-	-	-	-
1995	R. L. Polk Co.	-	-	-	-
1990	R. L. Polk Co.	-	-	-	-
1985	R. L. Polk Co.	-	-	-	-
1980	R. L. Polk Co.	-	-	-	-
1975	R. L. Polk Co.	-	-	-	-
1970	R. L. Polk Co.	-	-	-	-
1965	R. L. Polk Co.	-	-	-	-
1961	R. L. Polk Co.	-	-	-	-
1957	R. L. Polk Co.	-	-	-	-
1951	R. L. Polk Co.	-	-	-	-
1942	Luke P. Pettus	-	-	-	-
1938	Luke P. Pettus	-	-	-	-
1932	R. L. Polk Co.	-	-	-	-

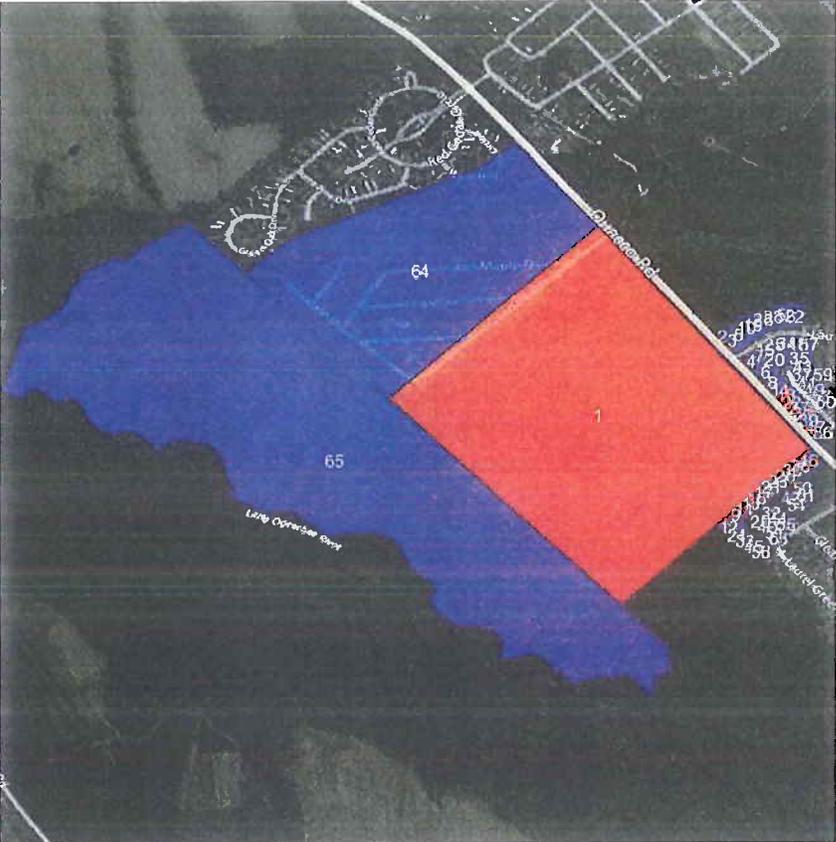
EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1928	Luke P. Pettus	-	-	-	-
1923	The Savannah Directory Publishing Co.	-	-	-	-

EXECUTIVE SUMMARY

MAP INFORMATION

The Overview Map provides information on nearby property parcel boundaries. Properties on this map that were selected for research are listed below the map.



SELECTED ADDRESSES

The following addresses were selected by the client. Detailed findings are contained in the findings section. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
801 QUACCO RD	Map ID: 64	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

801 QUACCO RD
Savannah, GA 31419

MapID: 1

FINDINGS DETAIL

Target Property research detail.

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2005	119 No Current Listing	Polk City Directories	Image pg. A1
	13 No Current Listing 2 Apts	Polk City Directories	Image pg. A1
	142 No Ctirrent Listing 7 Apts	Polk City Directories	Image pg. A1
	153 No Current Listing 3 Apts	Polk City Directories	Image pg. A1
	171 No Current Llstiig 7 Ap Is	Polk City Directories	Image pg. A1
	2 Green Frederick	Polk City Directories	Image pg. A1
	204 No Current Listing 4 Apts	Polk City Directories	Image pg. A1
	216 No Otirrent Listing 5 Apts	Polk City Directories	Image pg. A1
	233 No Cunrrl Listing 6 Apts	Polk City Directories	Image pg. A1
	24 No Current Listing 4 Apis	Polk City Directories	Image pg. A1
	241 No Current Listing 4 Ap Is	Polk City Directories	Image pg. A1
	261 No Current Lisling 2 Ap Is	Polk City Directories	Image pg. A1
	28 No Current Listing 2 Apts	Polk City Directories	Image pg. A1
	29	Polk City Directories	Image pg. A1
	307 No Ctrentl Listing 2 Apis	Polk City Directories	Image pg. A1
	36 No Current Listing 5 Apts	Polk City Directories	Image pg. A1
	41 Richardson Debra	Polk City Directories	Image pg. A1
	42 Hugue Debra	Polk City Directories	Image pg. A1
	42 Klein Jeffery J	Polk City Directories	Image pg. A1
	42 Zaralonetis Marcus C	Polk City Directories	Image pg. A1
	427 No Curreni Listing 2 Apts	Polk City Directories	Image pg. A1
	430 No Current Listing 2 Apts	Polk City Directories	Image pg. A1
	45 No Current Listing 2 Apts	Polk City Directories	Image pg. A1
	450 No Current Listing 5 Apts	Polk City Directories	Image pg. A1
	459 No Current Listing 2 Apts	Polk City Directories	Image pg. A1
	504 No Current Listing 6 Apts	Polk City Directories	Image pg. A1
	513 No Current Listing 2 Apts	Polk City Directories	Image pg. A1
	520 No Current Listing 2 Apts	Polk City Directories	Image pg. A1
	543 No Current Listing 3 Apts	Polk City Directories	Image pg. A1

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2005	6 No Current Listing 3 Apts	Polk City Directories	Image pg. A1
	60 No Current Listing 2 Apts	Polk City Directories	Image pg. A1
	82 No Current Listing 5 Apts	Polk City Directories	Image pg. A1
	A Morris James R & Eddie ri	Polk City Directories	Image pg. A1
	ALL PRO ROOFING	Polk City Directories	Image pg. A1
	Alls Jamie	Polk City Directories	Image pg. A1
	Alls Willie H	Polk City Directories	Image pg. A1
	Anderson Sallie M	Polk City Directories	Image pg. A1
	aney Ronald O & Susan K in	Polk City Directories	Image pg. A1
	Arnett Douglas W	Polk City Directories	Image pg. A1
	Arnsdorff Dariroll	Polk City Directories	Image pg. A1
	Arriaga Juan C & Abraham	Polk City Directories	Image pg. A1
	Bablonia Viola O 2 91a	Polk City Directories	Image pg. A1
	Bablonia Judy ib	Polk City Directories	Image pg. A1
	Birt Lynda J to	Polk City Directories	Image pg. A1
	Bradlatt Charles P	Polk City Directories	Image pg. A1
	Brandel Rita All	Polk City Directories	Image pg. A1
	Bryant Alicia	Polk City Directories	Image pg. A1
	Bryant O	Polk City Directories	Image pg. A1
	Canales Terry J RV	Polk City Directories	Image pg. A1
	Capers Maria	Polk City Directories	Image pg. A1
	Carrley Priscilla T I N	Polk City Directories	Image pg. A1
	Carter Slaplantle J	Polk City Directories	Image pg. A1
	Genons Pamela & Joshua R f Q	Polk City Directories	Image pg. A1
	Checchia Michelle	Polk City Directories	Image pg. A1
	Collins Charene	Polk City Directories	Image pg. A1
	Corresa Judith B It	Polk City Directories	Image pg. A1
	Cowart Hilda S	Polk City Directories	Image pg. A1
	Cowart Robin L	Polk City Directories	Image pg. A1
	Dalton Jennifer fi	Polk City Directories	Image pg. A1
	Dawson Benila A	Polk City Directories	Image pg. A1
	Denmark Wanda	Polk City Directories	Image pg. A1
	Densmore Catherine J	Polk City Directories	Image pg. A1
	Devlin Michatel K & Sandra J a	Polk City Directories	Image pg. A1
	Dillon Demetra	Polk City Directories	Image pg. A1
	Doyle Newt I III	Polk City Directories	Image pg. A1
	Driggers Linda	Polk City Directories	Image pg. A1
	Duquette David J & Lindn J	Polk City Directories	Image pg. A1
	Ehram Debora LE 9 A	Polk City Directories	Image pg. A1

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2005	Ferrell Arte FP I	Polk City Directories	Image pg. A1
	Fillingame Allen S	Polk City Directories	Image pg. A1
	Flores Mike L	Polk City Directories	Image pg. A1
	Fries Ricky T & Marie LEE	Polk City Directories	Image pg. A1
	Gadson Willie L Sr & Latonya R	Polk City Directories	Image pg. A1
	Gamble Carol i	Polk City Directories	Image pg. A1
	Gilbert Michael P	Polk City Directories	Image pg. A1
	Glibert Susanna M	Polk City Directories	Image pg. A1
	Goodwin Iris	Polk City Directories	Image pg. A1
	Green Ellis	Polk City Directories	Image pg. A1
	GREEN TRUCKING trucking	Polk City Directories	Image pg. A1
	Hamilton Kathy	Polk City Directories	Image pg. A1
	Harley Stephanie 9 p	Polk City Directories	Image pg. A1
	Harrison Marsha	Polk City Directories	Image pg. A1
	Harvey Karen J	Polk City Directories	Image pg. A1
	Hayes Latrecla S & Craig	Polk City Directories	Image pg. A1
	Hill Tammie a J	Polk City Directories	Image pg. A1
	Hodges Vincent & Valencla L	Polk City Directories	Image pg. A1
	Holley Karl A & Karla H	Polk City Directories	Image pg. A1
	Hor ton avey D	Polk City Directories	Image pg. A1
	Horton David	Polk City Directories	Image pg. A1
	Hyde Richard W Jr P M	Polk City Directories	Image pg. A1
	James Brndta It	Polk City Directories	Image pg. A1
	James Cliris	Polk City Directories	Image pg. A1
	Johnson Tiieresa p I	Polk City Directories	Image pg. A1
	Jones Steven L	Polk City Directories	Image pg. A1
	Knight Amelia it	Polk City Directories	Image pg. A1
	L1 S	Polk City Directories	Image pg. A1
	lo Davis Shache	Polk City Directories	Image pg. A1
	Lopez Jose	Polk City Directories	Image pg. A1
	MAINTENANCE roofing contractors	Polk City Directories	Image pg. A1
	Marceano Heather J	Polk City Directories	Image pg. A1
	Menan Ellseo	Polk City Directories	Image pg. A1
	Middleton Sarah L O	Polk City Directories	Image pg. A1
	Muns Alton n & Susan C B	Polk City Directories	Image pg. A1
	Narcizo Dioniclo	Polk City Directories	Image pg. A1
	No Ctrrent Llisting	Polk City Directories	Image pg. A1
	No Currant Llisting	Polk City Directories	Image pg. A1
	No Current Llisting	Polk City Directories	Image pg. A1

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2005	No Current List Ing 4 Apts	Polk City Directories	Image pg. A1
	No Current Listing	Polk City Directories	Image pg. A1
	No Current Llistirg	Polk City Directories	Image pg. A1
	No Current Llistirg	Polk City Directories	Image pg. A1
	No Curreti Listing	Polk City Directories	Image pg. A1
	Paulson Craig A & Krishna R	Polk City Directories	Image pg. A1
	Penislon Courtney	Polk City Directories	Image pg. A1
	Penls Ion Donald J Jr	Polk City Directories	Image pg. A1
	Reed Gwendolyn D tl	Polk City Directories	Image pg. A1
	Richardson Catrlna	Polk City Directories	Image pg. A1
	Roberts Arthur	Polk City Directories	Image pg. A1
	Rooker Tonya & Joseph L i	Polk City Directories	Image pg. A1
	Rose James	Polk City Directories	Image pg. A1
	S 145 Williams Betty J	Polk City Directories	Image pg. A1
	S 145 Williams David D O G	Polk City Directories	Image pg. A1
	Salter Melodie	Polk City Directories	Image pg. A1
	Salter Tracey M	Polk City Directories	Image pg. A1
	Schaner Alexander M & Sabrina	Polk City Directories	Image pg. A1
	Sellars Maurice	Polk City Directories	Image pg. A1
	Sellars Tonya M ns	Polk City Directories	Image pg. A1
	Shellman Lavola R E	Polk City Directories	Image pg. A1
	Shepherd Monica i	Polk City Directories	Image pg. A1
	Smith Laura C i	Polk City Directories	image pg. A1
	Smith Rachel	Polk City Directories	Image pg. A1
	Sta ford Jamlem	Polk City Directories	Image pg. A1
	Stafford Joseph S Jr	Polk City Directories	Image pg. A1
	Taylor Emory fi	Polk City Directories	Image pg. A1
	Tiinmons Karon D & Elzie	Polk City Directories	Image pg. A1
	Todd Donald	Polk City Directories	Image pg. A1
	Todd Wanda a 12 927 6 W	Polk City Directories	Image pg. A1
	Toms Linda S Oa	Polk City Directories	Image pg. A1
	Tons Minnie R	Polk City Directories	Image pg. A1
	Victor Slielley A il A	Polk City Directories	Image pg. A1
	Victor Timothy A	Polk City Directories	Image pg. A1
	Vo Cindy	Polk City Directories	Image pg. A1
	Vo Thu H	Polk City Directories	Image pg. A1
	Walker Antjuan	Polk City Directories	Image pg. A1
	Walker Linda	Polk City Directories	Image pg. A1
	Welnlak Michael J & Angela M	Polk City Directories	Image pg. A1

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2005	Westoni Fannie go	Polk City Directories	Image pg. A1
	Wiegand Theresa	Polk City Directories	Image pg. A1
	Williams Ava M	Polk City Directories	Image pg. A1
	Williams Judy	Polk City Directories	Image pg. A1
	Williams Mickey n	Polk City Directories	Image pg. A1
	Zarafonells Melony K	Polk City Directories	Image pg. A1
	Brannen Lenora P	Polk City Directories	Image pg. A1

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

QUACCO RD

812 QUACCO RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2005	Ondrlezek Mark S	Polk City Directories	Image pg. A1

814 QUACCO RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2005	Bolta Daniel	Polk City Directories	Image pg. A1

828 QUACCO RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2005	Tylar Lawrence L	Polk City Directories	Image pg. A1
	Tyler James E Jr T A	Polk City Directories	Image pg. A1
	No Current Listing	Polk City Directories	Image pg. A1

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

801 QUACCO RD

Address Not Identified in Research Source

1997, 1995, 1990, 1985, 1980, 1975, 1970, 1965, 1961, 1957, 1951, 1942, 1938, 1932, 1928, 1923

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched

812 QUACCO RD

Address Not Identified in Research Source

1997, 1995, 1990, 1985, 1980, 1975, 1970, 1965, 1961, 1957, 1951, 1942, 1938, 1932, 1928, 1923

814 QUACCO RD

1997, 1995, 1990, 1985, 1980, 1975, 1970, 1965, 1961, 1957, 1951, 1942, 1938, 1932, 1928, 1923

828 QUACCO RD

1997, 1995, 1990, 1985, 1980, 1975, 1970, 1965, 1961, 1957, 1951, 1942, 1938, 1932, 1928, 1923

Source Page Images Appendix

QUACCO RD - QUACCO TRL

QUACCO RD Cont'd
1740 Enlis Thomas J [E]
1742 Enlis Ernest W & Patricia A [E]
1743 No Current Listing
2001 Johnson Kruger E [E]
*ZIP CODE 31922 CAR RT R002
2470 Sanders Mark A Sr & Jimmy [E]
2472 Cole Calvin H III [E]
2474 Hodges Lauren E
2476 Cooper Oksa P Jr [E]
Cooper Sonya Y
2478 Cooper Curtis L
Cooper Robin
2480 Johnson Justin W & Elsie [E]
2484 Morgan David S
Morgan Lisa R
2504 Middleton Cdn T Sr [E]
Middleton Courtney
2510 Adams Larry & Tls [E]
2514 Brandon Michael L & Sheila L [E]
2516 Hughes Olga
2840 CROSSROADS COMMUNITY churches
DEREK WHITE LAW FIRM attorneys
MORNING STAR BAPTIST CHURCH churches
SERENITY RECORDS recording studios
1 COASTAL SURVEYING CO INC surveyors-land
1 HEALTY VINCE surveyors-land
2680 FRED WILLIAMS HOME BUILDERS home builders
*ZIP CODE 31419 CAR-RT R034
201 Ackerman David & Lisa [E]
ALL CITY METAL & ROOFING roofing contractors
Bednarczyk Kevin
Benamer Jennifer
Bowen Dennis
Byrna Rachel
Doolay Daniel R
Eubanks Robert
King Robert M
McKohen Kelly
Tilley Barbara
Whitehair Edward
13 Dillard Susie L
14 18 No Current Listing
17 Foss Frank R
18-20 No Current Listing (3 Apts)
22 Matwyk Steve M
23 Matwyk Ethel M
24 O'Leahigh Rod
26 No Current Listing
31 O'Trison Dorothy M
35-38 No Current Listing (2 Apts)
37 O'Beal Julia
38 No Current Listing
40 Bunn Perry G
41 Thomas Cindy L
42-55 No Current Listing (8 Apts)
57 Monclair R
58 No Current Listing
60 Crowley Walter P
61 Todd David M & Mary E
62-64 No Current Listing (3 Apts)
65 Jones Steve W
66-68 No Current Listing (3 Apts)
69 Jernigan Franchon R
70 Banker Falmah R
71 Connor William H III & Vivian [E]
72-76 No Current Listing (4 Apts)
77 Anderson Virginia L
78 Slevant Virginia L
79 O' Harris Aphrosia L
81 Rogers Barbara A
82-84 No Current Listing (3 Apts)
85 Egan John T
86 Lewis Sarah J
87 Maple Jill S
90 No Current Listing
91 Elkridge Camie B
91 Elkridge Lloyd S
92 No Current Listing

QUACCO RD Cont'd
215 Quacco Baptist Church churches
221 Seibert Gary M & Sandra E [E]
231 Adame Ana M
Blanco Daniel
Bradish Leonard M
Krieg Robert
McCullough Thomas
Smith Mattie
Williams Margi [E]
Wills George B
Wills Rick
1-2 No Current Listing (2 Apts)
4 Daniel Lisa [E]
4 Daniel Howard J
5-11 No Current Listing (4 Apts)
12 Lutz Suzanne
15-27 No Current Listing (8 Apts)
28 Bradish Thomas J
28 Bradish Harriet
29 No Current Listing
30 Jones Helen [E]
32 No Current Listing
233 Shafer Thomas C [E]
SOUTHERN RESOURCES OF SAVANNAH garbage collection
241 Warren Mary E & Joe M [E]
241 B O'Baggs Jeff S
243 Poppe Evelyn F [E]
Rogers Florence E
245 Teter Alan L & Florence D [E]
*HOLIDAY CIR INTERSECTS
*LAUREL WOOD DR INTERSECTS
*LAUREL WOOD INTERSECTS
*WEEPING WILLOW DR BEGINS
*WALDOPE 3119 CAR RT R004
800 ALL FHO ROOFING & MAINTENANCE roofing contractors
Capers Maria
Cherchia Michele
Colins Charlene
David Shazhe
Dillon Demetra
Diggers Linda
Fitzgane Alan S
Flores Mike L
Gambin Carol [E]
Goodwin A [E]
GREEN TRUCKING trucking
Hamilton Kathy
Harrison Marsha
HIGHLAND WOODS mobile homes
Jones Steven L
Lopez Jose
Mena Elise
Merzico Dionice
1 No Current Listing
2 Cowart Robin L
3 O'Klein Hilary J
4 No Current Listing (3 Apts)
7 Richardson Debra
Richardson Catha
Vehniak Michael J & Angela M [E]
5145 Williams David D
5145 Williams Betty J
10 Schar Tracy [E]
10 Schar Melodie
11-13 No Current Listing (2 Apts)
15 Horton Fred D
15 Horton David
16 Eham Debra L
16 Bvt Lynda [E]
18-24 No Current Listing (4 Apts)
26 Anderson SaTe [E]
27-28 No Current Listing
30 Denmark Wanda [E]
31-38 No Current Listing (5 Apts)
37 Williams Tammy [E]
39 Hill Tammie [E]
41 No Current Listing
43 Shepherd Nonka [E]
44-45 No Current Listing (2 Apts)
50 Sefars Tonya A [E]
50 Sefars Maurice
52 No Current Listing
58 Williams Ana M
58 Williams Judy
58-60 No Current Listing (2 Apts)

QUACCO RD Cont'd
65 O' Harcano Heather J
68-82 No Current Listing (5 Apts)
84 Canales Terry J [E]
101 Hyde Richard W Jr [E]
102 Clemons Pamela & Joshua R [E]
108-119 No Current Listing (11 Apts)
122 Reed Gwendolyn D [E]
123 Haney Ronald O & Susan K [E]
128 No Current Listing
133 Gilbert Michael P [E]
133 Gilbert Susanne M
134-142 No Current Listing (7 Apts)
144 Johnson Theresa [E]
150-163 No Current Listing (3 Apts)
155 Douglas David J & Linda J [E]
157-171 No Current Listing (7 Apts)
173 Arnett Douglas W [E]
173 Victor Shailey A [E]
173 Victor Timothy A
175 Smith Laura C [E]
176 Smith Rachel
183-204 No Current Listing (4 Apts)
200 Wiegand Theresa [E]
207 No Current Listing
211 Knight Amalia [E]
212-216 No Current Listing (5 Apts)
217 Stafford Joseph S Jr [E]
217 Stafford Janie
218 No Current Listing
219 Arnsold Daniel H
220 No Current Listing
222 Harvey Karen J [E]
223-233 No Current Listing (6 Apts)
234 Peniston Donald Jr [E]
237-241 No Current Listing (4 Apts)
242 Taylor Emory [E]
243 Todd Donald [E]
243 Todd Wanda
244 No Current Listing
245 Dalton Jennifer [E]
246 No Current Listing
247 Banuel Rita A [E]
247 James Brenda [E]
247 James Chris
248 Carver Patricia [E]
250 No Current Listing
251 Shulman Laveta R [E]
252 No Current Listing
254 Devia Michael K & Sandra J [E]
257-261 No Current Listing (2 Apts)
301 Babin Julia [E]
301 Babin Vicky D
301 Correa Judith B [E]
303 Carter Stephanie [E]
305-307 No Current Listing (2 Apts)
309 O' Zanolonis Marcus C
309 Zanolonis Melony K
311 No Current Listing
313A Morris James R & Eddie [E]
404 No Current Listing
405 Muns Alton R & Susan C [E]
408 No Current Listing
408 Vu Thu H [E]
408 Vu Cindy
410 No Current Listing
411 Arriaga Juan C & Abraham [E]
412-419 No Current Listing (4 Apts)
420 Danmore Cathelins J [E]
421 O' Green Frederick
421 Green Elna
424 No Current Listing
425 Farrell Anita F [E]
426-427 No Current Listing (2 Apts)
428 Rooker Tonya & Joseph L [E]
429-430 No Current Listing (2 Apts)
432 Aza Yvonne H [E]
432 Aza Jamie
433 Hodges Vincent & Valencia L [E]
435 No Current Listing

QUACCO RD Cont'd
437 Rose James [E]
438 No Current Listing
439 Fris Risky T & Maria L [E]
440-450 No Current Listing (5 Apts)
454 Harley Sighelano [E]
455 No Current Listing
457 Holley Kent A & Karla H [E]
459-459 No Current Listing (2 Apts)
461 Hayes Latricia & Craig [E]
461 O' Hugue Debra
468 No Current Listing
468 Dowson Barla A [E]
471-504 No Current Listing (8 Apts)
506 Roberts Arthur [E]
507 Schaner Alexander M & Sabrina [E]
508 Paulson Craig A & Kristina R [E]
509 Toms Linda S [E]
509 Toms Linda S
509 Toms David J
510 Doyle Navel III [E]
511-513 No Current Listing (2 Apts)
514 Weston Pamela [E]
515-520 No Current Listing (2 Apts)
523 Timmons Karen D & Elsie [E]
524 No Current Listing
528 Walker Linda [E]
538 Walker Anjan
539-543 No Current Listing (3 Apts)
544 Bradford Charles P [E]
550 Bryant O [E]
550 Bryant O
557 Gadsden Wm L Sr & Lanyona [E]
558 No Current Listing
583 Middleton Sarah L [E]
601 Brennan Lenora [E]
601 Brennan Lenora
602 Ondricek Mark S [E]
614 Bolla Daniel [E]
*ZIP CODE 31419 CAR-RT R004
628 Tyler James E Jr [E]
Tyler Lawrence C
828 No Current Listing
*SOULD AVE BEGINS
*ZIP CODE 31419 CAR-RT R004
915 Tingora Debra A & Ernest [E]
*QUACCO TRL INTERSECTS
*QUACCO TRL INTERSECTS
1010 Baines Charles W Sr [E]
1014 HEAVENBOUND BAPTIST CHURCH churches
1018 Lawson Harry S Jr [E]
Lawson Kathryn B
1020 Blitch Frankie C
Blitch Melissa A
1022 Dodge Darel V [E]
1023-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-1098-1099-1100-1101-1102-1103-1104-1105-1106-1107-1108-1109-1110-1111-1112-1113-1114-1115-1116-1117-1118-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1190-1191-1192-1193-1194-1195-1196-1197-1198-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1220-1221-1222-1223-1224-1225-1226-1227-1228-1229-1230-1231-1232-1233-1234-1235-1236-1237-1238-1239-1240-1241-1242-1243-1244-1245-1246-1247-1248-1249-1250-1251-1252-1253-1254-1255-1256-1257-1258-1259-1260-1261-1262-1263-1264-1265-1266-1267-1268-1269-1270-1271-1272-1273-1274-1275-1276-1277-1278-1279-1280-1281-1282-1283-1284-1285-1286-1287-1288-1289-1290-1291-1292-1293-1294-1295-1296-1297-1298-1299-1300-1301-1302-1303-1304-1305-1306-1307-1308-1309-1310-1311-1312-1313-1314-1315-1316-1317-1318-1319-1320-1321-1322-1323-1324-1325-1326-1327-1328-1329-1330-1331-1332-1333-1334-1335-1336-1337-1338-1339-1340-1341-1342-1343-1344-1345-1346-1347-1348-1349-1350-1351-1352-1353-1354-1355-1356-1357-1358-1359-1360-1361-1362-1363-1364-1365-1366-1367-1368-1369-1370-1371-1372-1373-1374-1375-1376-1377-1378-1379-1380-1381-1382-1383-1384-1385-1386-1387-1388-1389-1390-1391-1392-1393-1394-1395-1396-1397-1398-1399-1400-1401-1402-1403-1404-1405-1406-1407-1408-1409-1410-1411-1412-1413-1414-1415-1416-1417-1418-1419-1420-1421-1422-1423-1424-1425-1426-1427-1428-1429-1430-1431-1432-1433-1434-1435-1436-1437-1438-1439-1440-1441-1442-1443-1444-1445-1446-1447-1448-1449-1450-1451-1452-1453-1454-1455-1456-1457-1458-1459-1460-1461-1462-1463-1464-1465-1466-1467-1468-1469-1470-1471-1472-1473-1474-1475-1476-1477-1478-1479-1480-1481-1482-1483-1484-1485-1486-1487-1488-1489-1490-1491-1492-1493-1494-1495-1496-1497-1498-1499-1500-1501-1502-1503-1504-1505-1506-1507-1508-1509-1510-1511-1512-1513-1514-1515-1516-1517-1518-1519-1520-1521-1522-1523-1524-1525-1526-1527-1528-1529-1530-1531-1532-1533-1534-1535-1536-1537-1538-1539-1540-1541-1542-1543-1544-1545-1546-1547-1548-1549-1550-1551-1552-1553-1554-1555-1556-1557-1558-1559-1560-1561-1562-1563-1564-1565-1566-1567-1568-1569-1570-1571-1572-1573-1574-1575-1576-1577-1578-1579-1580-1581-1582-1583-1584-1585-1586-1587-1588-1589-1590-1591-1592-1593-1594-1595-1596-1597-1598-1599-1600-1601-1602-1603-1604-1605-1606-1607-1608-1609-1610-1611-1612-1613-1614-1615-1616-1617-1618-1619-1620-1621-1622-1623-1624-1625-1626-1627-1628-1629-1630-1631-1632-1633-1634-1635-1636-1637-1638-1639-1640-1641-1642-1643-1644-1645-1646-1647-1648-1649-1650-1651-1652-1653-1654-1655-1656-1657-1658-1659-1660-1661-1662-1663-1664-1665-1666-1667-1668-1669-1670-1671-1672-1673-1674-1675-1676-1677-1678-1679-1680-1681-1682-1683-1684-1685-1686-1687-1688-1689-1690-1691-1692-1693-1694-1695-1696-1697-1698-1699-1700-1701-1702-1703-1704-1705-1706-1707-1708-1709-1710-1711-1712-1713-1714-1715-1716-1717-1718-1719-1720-1721-1722-1723-1724-1725-1726-1727-1728-1729-1730-1731-1732-1733-1734-1735-1736-1737-1738-1739-1740-1741-1742-1743-1744-1745-1746-1747-1748-1749-1750-1751-1752-1753-1754-1755-1756-1757-1758-1759-1760-1761-1762-1763-1764-1765-1766-1767-1768-1769-1770-1771-1772-1773-1774-1775-1776-1777-1778-1779-1780-1781-1782-1783-1784-1785-1786-1787-1788-1789-1790-1791-1792-1793-1794-1795-1796-1797-1798-1799-1800-1801-1802-1803-1804-1805-1806-1807-1808-1809-1810-1811-1812-1813-1814-1815-1816-1817-1818-1819-1820-1821-1822-1823-1824-1825-1826-1827-1828-1829-1830-1831-1832-1833-1834-1835-1836-1837-1838-1839-1840-1841-1842-1843-1844-1845-1846-1847-1848-1849-1850-1851-1852-1853-1854-1855-1856-1857-1858-1859-1860-1861-1862-1863-1864-1865-1866-1867-1868-1869-1870-1871-1872-1873-1874-1875-1876-1877-1878-1879-1880-1881-1882-1883-1884-1885-1886-1887-1888-1889-1890-1891-1892-1893-1894-1895-1896-1897-1898-1899-1900-1901-1902-1903-1904-1905-1906-1907-1908-1909-1910-1911-1912-1913-1914-1915-1916-1917-1918-1919-1920-1921-1922-1923-1924-1925-1926-1927-1928-1929-1930-1931-1932-1933-1934-1935-1936-1937-1938-1939-1940-1941-1942-1943-1944-1945-1946-1947-1948-1949-1950-1951-1952-1953-1954-1955-1956-1957-1958-1959-1960-1961-1962-1963-1964-1965-1966-1967-1968-1969-1970-1971-1972-1973-1974-1975-1976-1977-1978-1979-1980-1981-1982-1983-1984-1985-1986-1987-1988-1989-1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-2397-2398-2399-2400-2401-2402-2403-2404-2405-2406-2407-2408-2409-2410-2411-2412-2413-2414-2415-2416-2417-2418-2419-2420-2421-2422-2423-2424-2425-2426-2427-2428-2429-2430-2431-2432-2433-2434-2435-2436-2437-2438-2439-2440-2441-2442-2443-2444-2445-2446-2447-2448-2449-2450-2451-2452-2453-2454-2455-2456-2457-2458-2459-2460-2461-2462-2463-2464-2465-2466-2467-2468-2469-2470-2471-2472-2473-2474-2475-2476-2477-2478-2479-2480-2481-2482-2483-2484-2485-2486-2487-2488-2489-2490-2491-2492-2493-2494-2495-2496-2497-2498-2499-2500-2501-2502-2503-2504-2505-2506-2507-2508-2509-2510-2511-2512-2513-2514-2515-2516-2517-2518-2519-2520-2521-2522-2523-2524-2525-2526-2527-2528-2529-2530-2531-2532-2533-2534-2535-2536-2537-2538-2539-2540-2541-2542-2543-2544-2545-2546-2547-2548-2549-2550-2551-2552-2553-2554-2555-2556-2557-2558-2559-2560-2561-2562-2563-2564-2565-2566-2567-2568-2569-2570-2571-2572-2573-2574-2575-2576-2577-2578-2579-2580-2581-2582-2583-2584-2585-2586-2587-2588-2589-2590-2591-2592-2593-2594-2595-2596-2597-2598-2599-2600-2601-2602-2603-2604-2605-2606-2607-2608-2609-2610-2611-2612-2613-2614-2615-2616-2617-2618-2619-2620-2621-2622-2623-2624-2625-2626-2627-2628-2629-2630-2631-2632-2633-2634-2635-2636-2637-2638-2639-2640-2641-2642-2643-2644-2645-2646-2647-2648-2649-2650-2651-2652-2653-2654-2655-2656-2657-2658-2659-2660-2661-2662-2663-2664-2665-2666-2667-2668-2669-2670-2671-2672-2673-2674-2675-2676-2677-2678-2679-2680-2681-2682-2683-2684-2685-2686-2687-2688-2689-2690-2691-2692-2693-2694-2695-2696-2697-2698-2699-2700-2701-2702-2703-2704-2705-2706-2707-2708-2709-2710-2711-2712-2713-2714-2715-2716-2717-2718-2719-2720-2721-2722-2723-2724-2725-2726-2727-2728-2729-2730-2731-2732-2733-2734-2735-2736-2737-2738-2739-2740-2741-2742-2743-2744-2745-2746-2747-2748-2749-2750-2751-2752-2753-2754-2755-2756-2757-2758-2759-2760-2761-2762-2763-2764-2765-2766-2767-2768-2769-2770-2771-2772-2773-2774-2775-2776-2777-2778-2779-2780-2781-2782-2783-2784-2785-2786-2787-2788-2789-2790-2791-2792-2793-2794-2795-2796-2797-2798-2799-2800-2801-2802-2803-2804-2805-2806-2807-2808-2809-2810-2811-2812-2813-2814-2815-2816-2817-2818-2819-2820-2821-2822-2823-2824-2825-2826-2827-2828-2829-2830-2831-2832-2833-2834-2835-2836-2837-2838-2839-2840-2841-2842-2843-2844-2845-2846-2847-2848-2849-2850-2851-2852-2853-2854-2855-2856-2857-2858-2859-2860-2861-2862-2863-2864-2865-2866-2867-2868-2869-2870-2871-2872-2873-2874-2875-2876-2877-2878

APPENDIX D:
Title Company/ Professional
Documentation

CHAIN OF OWNERSHIP REVIEW
(for Environmental Phase 1 purposes)

Job #: 120315.240

Date: 6/9/12

Tax Parcel #: 1-1007-01-002

Owner: Quacco Land Investments, LLC

Address: — Quacco Rd.

Location: 7th Georgia militia District of Chatham County

++++Tax Assessors records indicated the site is composed of approximately 91.5 acres and is currently reported vacant.

++The deed record indicated the site was part of a tract known as Laurel Green Plantation. The site was privately owned until 2006 when it was sold to the current owner.

— Note “Hazardous Substances Certificate & Indemnity Agreement (see FYI document).

— There are a number of easements, right of ways, agreements, etc. which were reviewed.

— The deed record did not indicate past or present property use on the site.

= No Environmental Liens found in the deed record filed against this property for names listed in the attached chain(s)=

=No Activity or Use Limitations or Engineering Controls found filed in the deed record due to conditions related the properties =

Chain of Ownership for Tax Parcel 1-1007-01-002

Record #	Instrument Date	Instrument Type	Grantor	Grantee	Property Description / Notes	Book / Page
A	3/20/1943	WD	George H. Redster	Robert L. Cooper	Tract known as Laurel Green Plantation	39D/263
B	6/28/1945	WD	Robert L. Cooper	Edward Green Robinson	90 acres	41M/28
C	5/20/1950	Executor's	The Executor of the Estate of Edward Green Robinson	Auby B. Dunn	90 acres	51H/170
D	5/24/1950	WD	Auby B. Dunn	Fred Wessels, Jr.	90 acres	51J/387
E	3/13/1986	Executor's	The Executor of the Estate of Fred Wessels, Jr.	Rosalie C. Wessels	88.9 acres	129T/96
F	11/2/1987	WD	Rosalie C. Wessels	W. C. Fleetwood	88.9 acres	136L/654
G	12/30/1991	WD	The Executor of the Estate of William C. Fleetwood	Trustee of the Estate of William C. Fleetwood	2/3rds interest in 88.9 acres	152E/652
H	2/10/2006	WD	The Executor and Trustee of the Estate of William C. Fleetwood	Lower Bay St. Properties	88.9 acres	301V/350
I	2/10/2006	WD	Lower Bay St. Properties	Quacco Land Investments, LLC	88.9 acres	301V/352

2/13/2006 03:55pm

PAID: 10.00

Daniel W. Massey, Clerk
Superior Court of Chatham County
Chatham County, Georgia

Real Estate Transfer Tax

PAID \$*745.00

R. J. J. J.
For Clerk of Superior Court

Return Recorded Document to:
Royal & Vaughan, L.L.C.
340 Eisenhower Drive
1301 Central Park
Savannah, GA 31406

WARRANTY DEED

STATE OF GEORGIA

COUNTY OF Chatham

File #: 7668

301 V 352
BOOK PAGE

This Indenture made this 10th day of February, 2006 between Lower Bay St. Properties, a Georgia General Partnership, of the County of Chatham, State of GA, as party or parties of the first part, hereinafter called Grantor, and Quacco Land Investments, L.L.C., as party or parties of the second part, hereinafter called Grantee (the words "Grantor" and "Grantee" to include their respective heirs, successors and assigns where the context requires or permits).

WITNESSETH that: Grantor, for and in consideration of the sum of TEN AND 00/100'S (\$10.00) Dollars, as part of an I.R.C. Section 1031 Tax Deferred Exchange, and other good and valuable considerations in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, conveyed and confirmed, and by these presents does grant, bargain, sell, alien, convey and confirm unto the said Grantee,

ALL that certain lot, tract or parcel of land situate, lying and being in Chatham County, Georgia and being all of the real property described and conveyed upon that certain plat entitled "Survey of 88.90 acres of the "Laurel Green Tract" owned by Fred Wessels, Jr., located 1.0 mile NW of U.S. Highway 17 and 1.05 miles SE of Interstate 95," dated November 13, 1969, prepared by Harold R. Johnson, Georgia Registered Land Surveyor, and recorded in the Office of the Clerk of the Superior Court of Chatham County, Georgia, in Plat Record Book 8-P, Page 7, said property is bounded on the North by lands now or formerly of D.C. Futch; on the East by the right-of-way of the Quacco Road; on the South by the remainder of the Laurel Green Tract, formerly of R.L. Cooper; and on the West by the Estate of Hubert Keller. This property is more particularly described in that certain instrument recorded in the Office of the Clerk of the Superior Court of Chatham County, Georgia, in Deed Record Book 51-J, Page 387, and is known as Property Identification Number 1-1007-1-2 under the system of numbering of the Chatham County Tax Assessor. Express reference is hereby made to the aforesaid map, deed and property identification number for better determining the metes, bounds, courses and dimensions of the subject property.

This Deed is given subject to all easements and restrictions of record, if any.

TO HAVE AND TO HOLD the said tract or parcel of land, with all and singular the rights, members and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoof of the said Grantee forever in FEE SIMPLE.

AND THE SAID Grantor will warrant and forever defend the right and title to the above described property unto the said Grantee against the claims of all persons whomsoever.

IN WITNESS WHEREOF, Grantor has hereunto set grantor's hand and seal this day and year first above written.

Signed, sealed and delivered in the presence of:

Thomas C. Royal
Witness

Deane A. Clark
Notary Public



Lower Bay St. Properties, L.L.P.
[Signature] (Seal)
William C. Fleetwood, Jr., G.P.

[Signature] (Seal)
Michael A. Fleetwood, G.P.

Clock#: 769203
FILED FOR RECORD
2/13/2006 03:58pm
PAID: 18.00
Daniel W. Massey, Clerk
Superior Court of Chatham County
Chatham County, Georgia

301 V 363
BOOK PAGE

RECORDATION REQUESTED BY:
UNITED COMMUNITY BANK
SAVANNAH
24 DRAYTON STREET
SUITE 1000
SAVANNAH, GA 31401

WHEN RECORDED MAIL TO:
UNITED COMMUNITY BANK
SAVANNAH
24 DRAYTON STREET
SUITE 1000
SAVANNAH, GA 31401

SEND TAX NOTICES TO:
QUACCO LAND INVESTMENTS LLC
111 GREENVIEW DR
SAVANNAH, GA 31419

Ken Royal (Royal Haughan)
Do not pay 14664, Savh. Ga 31416

HAZARDOUS SUBSTANCES CERTIFICATE AND INDEMNITY AGREEMENT

THIS HAZARDOUS SUBSTANCES AGREEMENT dated February 10, 2006, is made and executed among QUACCO LAND INVESTMENTS LLC, 111 GREENVIEW DR, SAVANNAH, GA 31419 (sometimes referred to below as "Borrower" and sometimes as "Indemnitor"); and UNITED COMMUNITY BANK, SAVANNAH, 24 DRAYTON STREET, SUITE 1000, SAVANNAH, GA 31401 (referred to below as "Lender"). For good and valuable consideration and to induce Lender to make a Loan to Borrower, each party executing this Agreement hereby represents and agrees with Lender as follows:

PROPERTY DESCRIPTION. The word "Property" as used in this Agreement means the following Real Property located in CHATHAM County, State of Georgia and is described as follows:

See EXHIBIT "A", which is attached to this Agreement and made a part of this Agreement as if fully set forth herein.

The Real Property or its address is commonly known as (1ST DSD) ALL THAT CERTAIN PARCEL OF LAND LYING IN CHATHAM COUNTY, GEORGIA, DESCRIBED ON PLAT ENTITLED "SURVEY OF 88.90 ACRES OF THE 'LAUREL GREEN TRACT' OWNED BY FRED WESSELS JR, LOCATED 1.0 MILE NORTHWEST OF US HIGHWAY 17 AND 1.05 MILES SOUTHEAST OF INTERSTATE 95", DATED NOVEMBER 13, 1969, PREPARED BY HAROLD R JOHNSON, GEORGIA REGISTERED LAND SURVEYOR, RECORDED IN PLAT RECORD BOOK 8-P, PAGE 7, IN THE OFFICE OF THE CLERK OF SUPERIOR COURT, CHATHAM COUNTY, GEORGIA, TAX ID #1-1007-1-2; a/k/a UNKNOWN ADDRESSES ON QUACCO ROAD, SAVANNAH, GA 31419.

REPRESENTATIONS. The following representations are made to Lender, subject to disclosures made and accepted by Lender in writing:

Use of Property. After due inquiry and investigation, Indemnitor has no knowledge, or reason to believe, that there has been any use, generation, manufacture, storage, treatment, refinement, transportation, disposal, release, or threatened release of any Hazardous Substance by any person on, under, or about the Property.

Hazardous Substances. After due inquiry and investigation, Indemnitor has no knowledge, or reason to believe, that the Collateral, whenever and whether owned by previous Occupants, has ever contained asbestos, PCB or other Hazardous Substances, whether used in construction or stored on the Collateral.

No Notices. Indemnitor has received no summons, citation, directive, letter or other communication, written or oral, from any agency or department of any county or state or the U.S. Government concerning any intentional or unintentional action or omission on, under, or about the Property which has resulted in the releasing, spilling, leaking, pumping, pouring, emitting, emptying or dumping of Hazardous Substances into any waters or onto any lands or where damage may have resulted to the lands, waters, fish, shellfish, wildlife, biota, air or other natural resources.

AFFIRMATIVE COVENANTS. Subject to disclosures made and accepted by Lender in writing, Indemnitor covenants with Lender as follows:

Use of Property. Indemnitor will not use and does not intend to use the Property to generate, manufacture, refine, transport, treat, store, handle or dispose of any Hazardous Substances.

Compliance with Environmental Laws. Indemnitor shall cause the Collateral and the operations conducted on it to comply with any and all Environmental Laws and orders of any governmental authorities having jurisdiction under any Environmental Laws and shall obtain, keep in effect and comply with all governmental permits and authorizations required by Environmental Laws with respect to such Collateral or operations. Indemnitor shall furnish Lender with copies of all such permits and authorizations and any amendments or renewals of them and shall notify Lender of any expiration or revocation of such permits or authorizations.

Preventive, Investigatory and Remedial Action. Indemnitor shall exercise extreme care in handling Hazardous Substances if Indemnitor uses or encounters any. Indemnitor, at Indemnitor's expense, shall undertake any and all preventive, investigatory or remedial action (including emergency response, removal, containment and other remedial action) (a) required by any applicable Environmental Laws or orders by any governmental authority having jurisdiction under Environmental Laws, or (b) necessary to prevent or minimize property damage (including damage to Occupant's own property), personal injury or damage to the environment, or the threat of any such damage or injury, by releases of or exposure to Hazardous Substances in connection with the Property or operations of any Occupant

**HAZARDOUS SUBSTANCES AGREEMENT
(Continued)**

Loan No: 5089100939

Page 2

on the Property. In the event Indemnitor fails to perform any of Indemnitor's obligations under this section of the Agreement, Lender may (but shall not be required to) perform such obligations at Indemnitor's expense. All such costs and expenses incurred by Lender under this section and otherwise under this Agreement shall be reimbursed by Indemnitor to Lender upon demand with interest at the Loan default rate, or in the absence of a default rate, at the Loan interest rate. Lender and Indemnitor intend that Lender shall have full recourse to Indemnitor for any sum at any time due to Lender under this Agreement. In performing any such obligations of Indemnitor, Lender shall at all times be deemed to be the agent of Indemnitor and shall not by reason of such performance be deemed to be assuming any responsibility of Indemnitor under any Environmental Law or to any third party. Indemnitor hereby irrevocably appoints Lender as Indemnitor's attorney-in-fact with full power to perform such of Indemnitor's obligations under this section of the Agreement as Lender deems necessary and appropriate.

Notices. Indemnitor shall immediately notify Lender upon becoming aware of any of the following:

- (1) Any spill, release or disposal of a Hazardous Substance on any of the Property, or in connection with any of its operations if such spill, release or disposal must be reported to any governmental authority under applicable Environmental Laws.
- (2) Any contamination, or imminent threat of contamination, of the Property by Hazardous Substances, or any violation of Environmental Laws in connection with the Property or the operations conducted on the Property.
- (3) Any order, notice of violation, fine or penalty or other similar action by any governmental authority relating to Hazardous Substances or Environmental Laws and the Property or the operations conducted on the Property.
- (4) Any judicial or administrative investigation or proceeding relating to Hazardous Substances or Environmental Laws and to the Property or the operations conducted on the Property.
- (5) Any matters relating to Hazardous Substances or Environmental Laws that would give a reasonably prudent Lender cause to be concerned that the value of Lender's security interest in the Property may be reduced or threatened or that may impair, or threaten to impair, Indemnitor's ability to perform any of its obligations under this Agreement when such performance is due.

Access to Records. Indemnitor shall deliver to Lender, at Lender's request, copies of any and all documents in Indemnitor's possession or to which it has access relating to Hazardous Substances or Environmental Laws and the Property and the operations conducted on the Property, including without limitation results of laboratory analyses, site assessments or studies, environmental audit reports and other consultants' studies and reports.

Inspections. Lender reserves the right to inspect and investigate the Property and operations on it at any time and from time to time, and Indemnitor shall cooperate fully with Lender in such inspection and investigations. If Lender at any time has reason to believe that Indemnitor or any Occupants of the Property are not complying with all applicable Environmental Laws or with the requirements of this Agreement or that a material spill, release or disposal of Hazardous Substances has occurred on or under the Property, Lender may require Indemnitor to furnish Lender at Indemnitor's expense an environmental audit or a site assessment with respect to the matters of concern to Lender. Such audit or assessment shall be performed by a qualified consultant approved by Lender. Any inspections or tests made by Lender shall be for Lender's purposes only and shall not be construed to create any responsibility or liability on the part of Lender to any Indemnitor or to any other person.

INDEMNITOR'S WAIVER AND INDEMNIFICATION. Indemnitor hereby indemnifies and holds harmless Lender and Lender's officers, directors, employees and agents, and Lender's successors and assigns and their officers, directors, employees and agents against any and all claims, demands, losses, liabilities, costs and expenses (including without limitation attorneys' fees at trial and on any appeal or petition for review) incurred by such person (a) arising out of or relating to any investigatory or remedial action involving the Property, the operations conducted on the Property or any other operations of Indemnitor or any Occupant and required by Environmental Laws or by orders of any governmental authority having jurisdiction under any Environmental Laws, or (b) on account of injury to any person whatsoever or damage to any property arising out of, in connection with, or in any way relating to (i) the breach of any covenant contained in this Agreement, (ii) the violation of any Environmental Laws, (iii) the use, treatment, storage, generation, manufacture, transport, release, spill disposal or other handling of Hazardous Substances on the Property, (iv) the contamination of any of the Property by Hazardous Substances by any means whatsoever (including without limitation any presently existing contamination of the Property), or (v) any costs incurred by Lender pursuant to this Agreement. In addition to this indemnity, Indemnitor hereby releases and waives all present and future claims against Lender for indemnity or contribution in the event Indemnitor becomes liable for cleanup or other costs under any Environmental Laws.

PAYMENT: FULL RECOURSE TO INDEMNITOR. Indemnitor intends that Lender shall have full recourse to Indemnitor for Indemnitor's obligations under this Agreement as they become due to Lender. Such liabilities, losses, claims, damages and expenses shall be reimbursable to Lender as Lender's obligations to make payments with respect thereto are incurred, without any requirement of waiting for the ultimate outcome of any litigation, claim or other proceeding, and Indemnitor shall pay such liability, losses, claims, damages and expenses to Lender as so incurred within thirty (30) days after written notice from Lender. Lender's notice shall contain a brief itemization of the amounts incurred to the date of such notice. In addition to any remedy available for failure to pay periodically such amounts, such amounts shall thereafter bear interest at the Loan default rate, or in the absence of a default rate, at the Loan interest rate.

SURVIVAL. The covenants contained in this Agreement shall survive (A) the repayment of the Indebtedness, (B) any foreclosure, whether judicial or nonjudicial, of the Property, and (C) any delivery of a deed in lieu of foreclosure to Lender or any successor of Lender. The covenants contained in this Agreement shall be for the benefit of Lender and any successor to Lender, as holder of any security interest in the Property or the indebtedness secured thereby, or as owner of the Property following foreclosure or the delivery of a deed in lieu of foreclosure.

MISCELLANEOUS PROVISIONS. The following miscellaneous provisions are a part of this Agreement:

Amendments. This Agreement, together with any Related Documents, constitutes the entire understanding and agreement of the

BOOK PAGE
301 A
364

**HAZARDOUS SUBSTANCES AGREEMENT
(Continued)**

Loan No: 5089100939

Page 3

parties as to the matters set forth in this Agreement. No alteration of or amendment to this Agreement shall be effective unless given in writing and signed by the party or parties sought to be charged or bound by the alteration or amendment.

Attorneys' Fees; Expenses. If any part of the Indebtedness is collected by or with any assistance from or consultation with an attorney at law, Indemnitor shall pay to Lender as Lender's attorneys' fees, fifteen percent (15%) of such amount collected. Whether or not any court action is involved, and to the extent not prohibited by law, all attorneys' fees and all reasonable expenses Lender incurs that in Lender's opinion are necessary at any time for the protection of its interest or the enforcement of its rights shall become a part of the Indebtedness payable on demand and shall bear interest at the Note rate from the date of the expenditure until repaid. Expenses covered by this paragraph include, without limitation, however subject to any limits under applicable law, Lender's attorneys' fees and Lender's legal expenses whether or not there is a lawsuit, including attorneys' fees and expenses for bankruptcy proceedings (including efforts to modify or vacate any automatic stay or injunction), appeals, and any anticipated post-judgment collection services, the cost of searching records, obtaining title reports (including foreclosure reports), surveyors' reports, and appraisal fees and title insurance, to the extent permitted by applicable law. Indemnitor also will pay any court costs, in addition to all other sums provided by law.

Caption Headings. Caption headings in this Agreement are for convenience purposes only and are not to be used to interpret or define the provisions of this Agreement.

Governing Law. This Agreement will be governed by federal law applicable to Lender and, to the extent not preempted by federal law, the laws of the State of Georgia without regard to its conflicts of law provisions. This Agreement has been accepted by Lender in the State of Georgia.

Choice of Venue. If there is a lawsuit, Indemnitor agrees upon Lender's request to submit to the jurisdiction of the courts of CHATHAM County, State of Georgia.

Joint and Several Liability. All obligations of Indemnitor under this Agreement shall be joint and several, and all references to Indemnitor shall mean each and every Indemnitor. This means that each Indemnitor signing below is responsible for all obligations in this Agreement.

No Waiver by Lender. Lender shall not be deemed to have waived any rights under this Agreement unless such waiver is given in writing and signed by Lender. No delay or omission on the part of Lender in exercising any right shall operate as a waiver of such right or any other right. A waiver by Lender of a provision of this Agreement shall not prejudice or constitute a waiver of Lender's right otherwise to demand strict compliance with that provision or any other provision of this Agreement. No prior waiver by Lender, nor any course of dealing between Lender and Indemnitor, shall constitute a waiver of any of Lender's rights or of any of Indemnitor's obligations as to any future transactions. Whenever the consent of Lender is required under this Agreement, the granting of such consent by Lender in any instance shall not constitute continuing consent to subsequent instances where such consent is required and in all cases such consent may be granted or withheld in the sole discretion of Lender. Indemnitor hereby waives notice of acceptance of this Agreement by Lender.

Notices. Any notice required to be given under this Agreement shall be given in writing, and shall be effective when actually delivered, when actually received by telefacsimile (unless otherwise required by law), when deposited with a nationally recognized overnight courier, or, if mailed, when deposited in the United States mail, as first class, certified or registered mail postage prepaid, directed to the addresses shown near the beginning of this Agreement. Any party may change its address for notices under this Agreement by giving formal written notice to the other parties, specifying that the purpose of the notice is to change the party's address. For notice purposes, Indemnitor agrees to keep Lender informed at all times of Indemnitor's current address. Unless otherwise provided or required by law, if there is more than one Indemnitor, any notice given by Lender to any Indemnitor is deemed to be notice given to all Indemnitors.

Severability. If a court of competent jurisdiction finds any provision of this Agreement to be illegal, invalid, or unenforceable as to any circumstance, that finding shall not make the offending provision illegal, invalid, or unenforceable as to any other circumstance. If feasible, the offending provision shall be considered modified so that it becomes legal, valid and enforceable. If the offending provision cannot be so modified, it shall be considered deleted from this Agreement. Unless otherwise required by law, the illegality, invalidity, or unenforceability of any provision of this Agreement shall not affect the legality, validity or enforceability of any other provision of this Agreement.

Successors and Assigns. Subject to any limitations stated in this Agreement on transfer of Indemnitor's interest, this Agreement shall be binding upon and inure to the benefit of the parties, their successors and assigns. If ownership of the Collateral becomes vested in a person other than Indemnitor, Lender, without notice to Indemnitor, may deal with Indemnitor's successors with reference to this Agreement and the Indebtedness by way of forbearance or extension without releasing Indemnitor from the obligations of this Agreement or liability under the Indebtedness.

Time is of the Essence. Time is of the essence in the performance of this Agreement.

DEFINITIONS. The following capitalized words and terms shall have the following meanings when used in this Agreement. Unless specifically stated to the contrary, all references to dollar amounts shall mean amounts in lawful money of the United States of America. Words and terms used in the singular shall include the plural, and the plural shall include the singular, as the context may require. Words and terms not otherwise defined in this Agreement shall have the meanings attributed to such terms in the Uniform Commercial Code:

Agreement. The word "Agreement" means this Hazardous Substances Agreement, as this Hazardous Substances Agreement may be amended or modified from time to time, together with all exhibits and schedules attached to this Hazardous Substances Agreement from time to time.

Collateral. The word "Collateral" means all of Indemnitor's right, title and interest in and to all the Collateral as described in the

301
Y
365
BOOK
PAGE

HAZARDOUS SUBSTANCES AGREEMENT
(Continued)

Loan No: 5089100939

Page 4

Collateral Description section of this Agreement.

Environmental Laws. The words "Environmental Laws" mean any and all state, federal and local statutes, regulations and ordinances relating to the protection of human health or the environment, including without limitation the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. Section 9601, et seq. ("CERCLA"), the Superfund Amendments and Reauthorization Act of 1986, Pub. L. No. 99-499 ("SARA"), the Hazardous Materials Transportation Act, 49 U.S.C. Section 1801, et seq., the Resource Conservation and Recovery Act, 42 U.S.C. Section 6901, et seq., or other applicable state federal laws, rules, or regulations adopted pursuant thereto.

Hazardous Substances. The words "Hazardous Substances" mean materials that, because of their quantity, concentration or physical, chemical or infectious characteristics, may cause or pose a present or potential hazard to human health or the environment when improperly used, treated, stored, disposed of, generated, manufactured, transported or otherwise handled. The words "Hazardous Substances" are used in their very broadest sense and include without limitation any and all hazardous or toxic substances, materials or waste as defined by or listed under the Environmental Laws. The term "Hazardous Substances" also includes, without limitation, petroleum and petroleum by-products or any fraction thereof and asbestos.

Indebtedness. The word "Indebtedness" means all principal, interest, and other amounts, costs and expenses payable under the Note or Related Documents, together with all renewals of, extensions of, modifications of and substitutions for the Note or Related Documents and any amounts expended or advanced by Lender to discharge Indemnitior's obligations or expenses incurred by Lender to enforce Indemnitior's obligations under this Agreement, together with any amounts expended to preserve and protect the Property and together with interest on such amounts as provided in this Agreement.

Lender. The word "Lender" means UNITED COMMUNITY BANK, its successors and assigns.

Occupant. The word "Occupant" means individually and collectively all persons or entities occupying or utilizing the Collateral, whether as owner, tenant, operator or other occupant.

Property. The word "Property" means all of Indemnitior's right, title and interest in and to all the Property as described in the "Collateral Description" section of this Agreement.

Real Property. The words "Real Property" mean the real property, interests and rights, as further described in this Agreement.

Related Documents. The words "Related Documents" mean all promissory notes, credit agreements, loan agreements, environmental agreements, guaranties, security agreements, mortgages, deeds of trust, security deeds, collateral mortgages, and all other instruments, agreements and documents, whether now or hereafter existing, executed in connection with the Indebtedness.

EACH PARTY TO THIS AGREEMENT ACKNOWLEDGES HAVING READ ALL THE PROVISIONS OF THIS AGREEMENT, AND EACH AGREES TO ITS TERMS. NO FORMAL ACCEPTANCE BY LENDER IS NECESSARY TO MAKE THIS AGREEMENT EFFECTIVE. THIS AGREEMENT IS DATED FEBRUARY 10, 2006.

IN WITNESS WHEREOF, THIS AGREEMENT HAS BEEN SIGNED BY THE UNDERSIGNED, WHO ACKNOWLEDGES A COMPLETED COPY HEREOF. THIS AGREEMENT IS GIVEN UNDER SEAL AND IT IS INTENDED THAT THIS AGREEMENT IS AND SHALL CONSTITUTE AND HAVE THE EFFECT OF A SEALED INSTRUMENT ACCORDING TO LAW.

Signed, Sealed and Delivered in the presence of:

X [Signature]
Unofficial Witness
[Signature]
Notary Public, Chatham County

(NOTARY SEAL)

My Commission expires: _____



BORROWER:

QUACCO LAND INVESTMENTS LLC
By: [Signature] (Seal)
HANKAJ V PATEL, Member of QUACCO
LAND INVESTMENTS LLC

By: [Signature] (Seal)
KUSUM P PATEL, Member of QUACCO
LAND INVESTMENTS LLC

LENDER:

UNITED COMMUNITY BANK

X NOT Required - (Seal)
Authorized Signer

BOOK PAGE 366

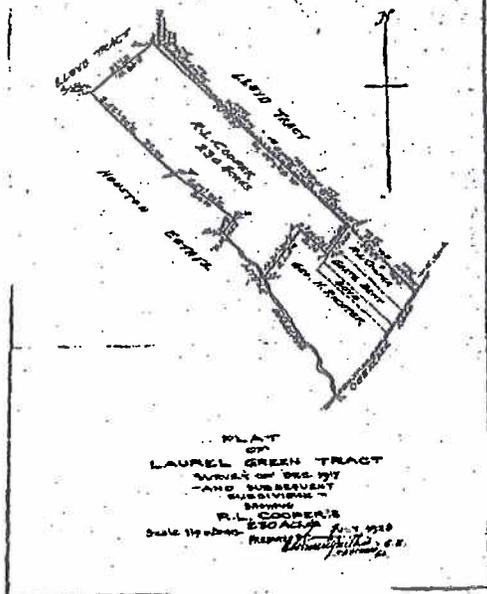
EXHIBIT "A"

ALL that certain lot, tract or parcel of land situate, lying and being in Chatham County, Georgia and being all of the real property described and conveyed upon that certain plat entitled "Survey of 88.90 acres of the "Laurel Green Tract" owned by Fred Wessels, Jr., located 1.0 mile NW of U.S. Highway 17 and 1.05 miles SE of Interstate 95," dated November 13, 1969, prepared by Harold R. Johnson, Georgia Registered Land Surveyor, and recorded in the Office of the Clerk of the Superior Court of Chatham County, Georgia, in Plat Record Book 8-P, Page 7, said property is bounded on the North by lands now or formerly of D.C. Futch; on the East by the right-of-way of the Quacco Road; on the South by the remainder of the Laurel Green Tract, formerly of R.L. Cooper; and on the West by the Estate of Hubert Keller. This property is more particularly described in that certain instrument recorded in the Office of the Clerk of the Superior Court of Chatham County, Georgia, in Deed Record Book 51-J, Page 387, and is known as Property Identification Number 1-1007-1-2 under the system of numbering of the Chatham County Tax Assessor. Express reference is hereby made to the aforesaid map, deed and property identification number for better determining the metes, bounds, courses and dimensions of the subject property.

BOOK
PAGE
301 V 367

Robert L. Cooper to H. H. Smith 34 2-96

152



PLAT
 OF
 LAUREL GREEN TRACT
 PART OF SEC 17
 AND SUBSEQUENT
 SUBDIVISIONS
 SHOWING
 R. L. COOPER'S
 EGOALING JULY 1938
 SCALE 1/4" = 100' HARRY J. [unclear] C. E.

SCALE OF
 REPRODUCED PRINT
 1" = 100'

Map Book 2/152

2011 Chatham County Board of Assessors

1-1007-01-002

Property Record Card

QUACCO RD SAVANNAH

APPRAISER	WWROBERT	PT LAUREL GREEN TCT	QUACCO LAND INVESTMENTS LLC	CAMA	ASMT		
LAST INSP	04/13/2011		111 GREENVIEW DR	530,100	530,100	LAND	3
APPR ZONE	000009		SAVANNAH GA 31402			BLDG	0
						OBXF	0
				530,100	530,100	Cost - MS	

SALES BOOK / PAGE	INS VI QU RSN PRICE
10 Feb 301V 0350 QC V U UQ 2006	
GRANTOR:FLEETWOOD WILLIAM C JR GRANTEE:LOWER BAY ST PROPERTIES	
10 Feb 301V 0352 WD V Q 2006	745,000
GRANTOR:LOWER BAY ST PROPERTIES GRANTEE:QUACCO LAND INVESTMENTS L	

Picture Unavailable

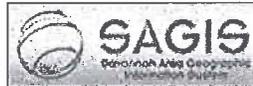


[Click for larger picture]

CODES		
PROPERTY USE	0006	RESIDENTIAL
UTA	0001	UnIncorporated
NBHD	023090.25	W090 W SIDE 2 25AC +
EXEMPTIONS		

COMMENTS:
17 Mar 2011 TY11 RET VAL ENT
04 May 2004 ADD CHG PER NOTE 05/04/04 JLM

HISTORY	LAND	IMPR	TOTAL
2011	530,100		530,100 Cama
2010	828,400		828,400 Cama
2009	828,500		828,500 Over
2008	828,500		828,500 Over
2007			828,500 A/C
2006	678,000		678,000 Cama
2005	316,000		316,000 Cama
2004	314,250		314,250 Over
2003	314,250		314,250 Over
2002			314,250 A/C
2001	180,000		180,000 Cama
2000	180,000		180,000 Cama
1999	180,000		180,000 Cama
1998			180,000 A/C
1997	102,600		102,600 Over
1996	102,600		102,600 Over
1995	102,600		102,600 Over
1994	102,600		102,600 Over
1993	102,600		102,600 Over
1992	102,600		102,600 Over



LAND	ID#	USE DESC	FRONT	DEPTH	UNITS / TYPE	PRICE	ZONING	LCTN	TOPO	OTHER	ADJ1	ADJ2	ADJ3	ADJ4	MKT VALUE
	33535	RESIDENTIAL V L	0	0	20.00-AC	60000.00	PUD		-50						384000
	33536	RESIDENTIAL V L	0	0	14.50-AC	26000.00	PUD		-50						120600
	33537	DOCUM/OBSERV WETLAND	0	0	57.00-AC	1000.00	PUD		-30						25500

APPENDIX E
Non-Scope Testing

(Lead based paint, Lead in soil, Lead in water, Asbestos, Radon,
Vapor Encroachment)

**Not Applicable – Testing results were not needed for this DCA Phase I
ESA.**

GEC

EDR Vapor Encroachment

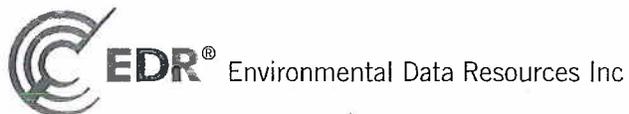
GEC

The Preserve @ Ogeechee
QUACCO RD
Savannah, GA 31419

Inquiry Number: 3313622.8s
May 15, 2012

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Primary Map	2
Secondary Map	3
Aerial Photography	4
Map Findings	5
Record Sources and Currency	GR-1

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

Disclaimer - Copyright and Trademark Notice

The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

This report contains information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this report "AS IS". Any analyses, estimates, ratings, or risk codes provided in this report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can produce information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2012 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

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 the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Maximum Search Distance*	Summary		
		property	1/10	1/10 - 1/3
Federal NPL	0.333	0	0	0
Federal CERCLIS	0.333	0	0	0
Federal RCRA CORRACTS facilities list	0.333	0	0	0
Federal RCRA TSD facilities list	0.333	0	0	0
Federal RCRA generators list	property	0	-	-
Federal institutional controls / engineering controls registries	property	0	-	-
Federal ERNS list	property	0	-	-
State and tribal - equivalent NPL	not searched	-	-	-
State and tribal - equivalent CERCLIS	0.333	0	0	0
State and tribal landfill / solid waste disposal	0.5	0	0	0
State and tribal leaking storage tank lists	0.333	0	0	0
State and tribal registered storage tank lists	property	0	-	-
State and tribal institutional control / engineering control registries	0.5	0	0	0
State and tribal voluntary cleanup sites	0.333	0	0	0
State and tribal Brownfields sites	0.333	0	0	0
Other Standard Environmental Records	0.333	0	0	0
HISTORICAL USE RECORDS				
Former manufactured Gas Plants	0.333	0	0	0
Historical Gas Stations	0.25	0	0	0
Historical Dry Cleaners	0.25	0	0	0

*Each category may include several separate databases, each having a different search distance. For each category, the table reports the maximum search distance applied. See the section 'Record Sources and Currency' for information on individual databases.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

THE PRESERVE @ OGEECHEE
QUACCO RD
SAVANNAH, GA 31419

COORDINATES

Latitude (North):	32.027 - 32° 1' 37.201538"
Longitude (West):	81.2501 - 81° 15' 0.35705566"
Elevation:	6 ft. above sea level

EXECUTIVE SUMMARY

PHYSICAL SETTING INFORMATION

Flood Zone: YES
 NWI Wetlands: YES

AQUIFLOW®

Search Radius: 0.333 Mile.

No Aquiflow sites reported.

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: OSIER
 Soil Surface Texture: fine sand
 Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.
 Soil Drainage Class: Poorly. Soils may have a saturated zone, a layer of low hydraulic conductivity, or seepage. Depth to water table is less than 1 foot.
 Hydric Status: Hydric Status: Soil meets the requirements for a hydric soil.
 Corrosion Potential - Uncoated Steel: HIGH
 Depth to Bedrock Min: > 60 inches
 Depth to Bedrock Max: > 60 inches

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	8 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 3.60

EXECUTIVE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	8 inches	48 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 3.60
3	48 inches	75 inches	coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 20.00	Max: 6.00 Min: 3.60

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: loamy sand

Surficial Soil Types: loamy sand

Shallow Soil Types: fine sand

Deeper Soil Types: sand
sandy clay loam
fine sand

EXECUTIVE SUMMARY

SEARCH RESULTS

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

STANDARD ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

HISTORICAL USE RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

PRIMARY MAP - 3313622.8s



- ☆ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ▼ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ⊕ Sensitive Receptors
- ☒ National Priority List Sites
- ☒ Dept. Defense Sites
- ☒ Indian Reservations BIA
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ National Wetland Inventory
- ➔ Groundwater Flow Direction
- (GI) Indeterminate Groundwater Flow at Location
- (GV) Groundwater Flow Varies at Location

SITE NAME: The Preserve @ Ogeechee
 ADDRESS: QUACCO RD
 Savannah GA 31419
 LAT/LONG: 32.027 / 81.2501

CLIENT: Geotechnical & Env'tl. Cons.
 CONTACT: Greta Woods
 INQUIRY #: 3313622.8s
 DATE: May 01, 2012 11:21 am

SECONDARY MAP - 3313622.8s



- ☆ 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
- Contour Lines
- Power transmission lines
- Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- Upgradient Area

SITE NAME: The Preserve @ Ogeechee
ADDRESS: QUACCO RD
 Savannah GA 31419
LAT/LONG: 32.027 / 81.2501

CLIENT: Geotechnical & Env'tl. Cons.
CONTACT: Greta Woods
INQUIRY #: 3313622.8s
DATE: May 01, 2012 11:20 am

AERIAL PHOTOGRAPHY - 3313622.8s



SITE NAME: The Preserve @ Ogeechee
ADDRESS: QUACCO RD
Savannah GA 31419
LAT/LONG: 32.027 / 81.2501

CLIENT: Geotechnical & Envtl. Cons.
CONTACT: Greta Woods
INQUIRY #: 3313622.8s
DATE: May 01, 2012 11:22 am

MAP FINDINGS

LEGEND

FACILITY NAME FACILITY ADDRESS, CITY, ST, ZIP		EDR SITE ID NUMBER
▼ MAP ID#	Direction Distance Range	(Distance feet / miles)
	Relative Elevation	Feet Above Sea Level
<p>Worksheet:</p> <p>Comments: Comments may be added on the online Vapor Encroachment Worksheet.</p>		

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

RECORD SOURCES AND CURRENCY

To maintain currency of the following databases, EDR contacts the appropriate 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

AIRS: Permitted Facility & Emissions Lising

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of permitted Air facilities and emissions data.

Date of Government Version: 12/31/2011

Source: Department of Natural Resources

Number of Days to Update: 49

Telephone: 404-363-7000

Last EDR Contact :02/27/2012

AST: Above Ground Storage Tanks

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

A listing of LP gas tank site locations.

Date of Government Version: 03/06/2012

Source: Office of Insurance & Safety Fire Commissioner

Number of Days to Update: 36

Telephone: 404-656-5875

Last EDR Contact :02/27/2012

AUL: Uniform Environmental Covenants

Standard Environmental Record Source: State and tribal institutional control / engineering control registries

Search Distance: 0.5 Mile

A list of environmental covenants

Date of Government Version: 12/08/2010

Source: Department of Natural Resources

Number of Days to Update: 24

Telephone: 404-657-8600

Last EDR Contact :02/17/2012

BROWNFIELDS: Brownfields Public Record List

Standard Environmental Record Source: State and tribal Brownfields sites

Search Distance: 0.333 Mile

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: 10/27/2011

Source: Department of Natural Resources

Number of Days to Update: 27

Telephone: 404-657-8600

Last EDR Contact :02/17/2012

COAL ASH: Coal Ash Disposal Site Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

A listing of coal ash landfills.

Date of Government Version: 05/27/2011

Source: Department of Natural Resources

Number of Days to Update: 41

Telephone: 404-362-2537

RECORD SOURCES AND CURRENCY

Last EDR Contact :03/05/2012

DEL SHWS: Delisted Hazardous Site Inventory Listing

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

Search Distance: 0.333 Mile

A listing of sites delisted from the Hazardous Site Inventory.

Date of Government Version: 07/01/2011

Source: Department of Natural Resources

Number of Days to Update: 19

Telephone: 404-657-8636

Last EDR Contact :04/02/2012

DRYCLEANERS: Drycleaner Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

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: 09/18/2009

Source: Department of Natural Resources

Number of Days to Update: 21

Telephone: 404-363-7000

Last EDR Contact :02/27/2012

FINANCIAL ASSURANCE: Financial Assurance Information Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 03/08/2012

Source: Department of Natural Resources

Number of Days to Update: 26

Telephone: 404-362-4892

Last EDR Contact :03/16/2012

HIST LF: Historical Landfills

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

Landfills that were closed many years ago.

Date of Government Version: 01/15/2003

Source: Department of Natural Resources

Number of Days to Update: 17

Telephone: 404-362-2696

Last EDR Contact :01/20/2004

INST CONTROL: Public Record List

Standard Environmental Record Source: State and tribal institutional control / engineering control registries

Search Distance: Property

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: 10/27/2011

Source: Department of Natural Resources

Number of Days to Update: 27

Telephone: 404-657-8600

Last EDR Contact :02/17/2012

LUST: List of Leaking Underground Storage Tanks

Standard Environmental Record Source: State and tribal leaking storage tank lists

RECORD SOURCES AND CURRENCY

Search Distance: 0.333 Mile

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: 01/11/2012

Source: Environmental Protection Division

Number of Days to Update: 20

Telephone: 404-362-2687

Last EDR Contact :03/21/2012

NON HSI: Non-Hazardous Site Inventory

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

Search Distance: 0.333 Mile

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: 01/12/2012

Source: Rindt-McDuff Associates, Inc.

Number of Days to Update: 35

Telephone: Not Reported

Last EDR Contact :03/16/2012

NPDES: NPDES Wastewater Permit List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 01/27/2011

Source: Department of Natural Resources

Number of Days to Update: 8

Telephone: 404-362-2680

Last EDR Contact :02/15/2012

SHWS: Hazardous Site Inventory

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

Search Distance: 0.333 Mile

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: 07/01/2011

Source: Department of Environmental Protection

Number of Days to Update: 19

Telephone: 404-657-8600

Last EDR Contact :04/02/2012

SPILLS: Spills Information

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Oil or Hazardous Material Spills or Releases.

Date of Government Version: 12/31/2011

Source: Department of Natural Resources

Number of Days to Update: 27

Telephone: 404-656-6905

Last EDR Contact :04/02/2012

SWF/LF: Solid Waste Disposal Facilities

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

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: 03/04/2011 Source: Department of Natural Resources
Number of Days to Update: 43 Telephone: 404-362-2696
Last EDR Contact :02/10/2012

SWRCY: Recycling Center Listing

Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.5 Mile

A listing of recycling facility locations.

Date of Government Version: 03/14/2012 Source: Department of Community Affairs
Number of Days to Update: 26 Telephone: 404-679-1598
Last EDR Contact :04/11/2012

TIER 2: Tier 2 Data Listing

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 12/31/2010 Source: Department of Natural Resources
Number of Days to Update: 24 Telephone: 404-656-4852
Last EDR Contact :03/05/2012

UST: Underground Storage Tank Database

Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

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: 03/08/2012 Source: Environmental Protection Division
Number of Days to Update: 26 Telephone: 404-362-2687
Last EDR Contact :03/16/2012

VCP: Voluntary Cleanup Program site

Standard Environmental Record Source: State and tribal voluntary cleanup sites
Search Distance: 0.333 Mile

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

Date of Government Version: 01/01/2012 Source: DNR
Number of Days to Update: 35 Telephone: 404-657-8600
Last EDR Contact :03/06/2012

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Standard Environmental Record Source: Federal CERCLIS
Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/27/2011 Source: EPA
Number of Days to Update: 14 Telephone: 703-412-9810
Last EDR Contact :04/05/2012

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/28/2011 Source: EPA
Number of Days to Update: 14 Telephone: 703-412-9810
Last EDR Contact :04/05/2012

COAL ASH DOE: Sleam-Electric Plan Operation Data

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 12/31/2005 Source: Department of Energy
Number of Days to Update: 76 Telephone: 202-586-8719
Last EDR Contact :04/16/2012

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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

Date of Government Version: 08/17/2010 Source: Environmental Protection Agency
Number of Days to Update: 77 Telephone: Not Reported
Last EDR Contact :03/16/2012

CONSENT: Superfund (CERCLA) Consent Decrees

Standard Environmental Record Source: Federal NPL
Search Distance: 0.333 Mile

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: 12/01/2011 Source: Department of Justice, Consent Decree Library
Number of Days to Update: 36 Telephone: Varies
Last EDR Contact :04/02/2012

CORRACTS: Corrective Action Report

Standard Environmental Record Source: Federal RCRA CORRACTS facilities list
Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011

Source: EPA

Number of Days to Update: 132

Telephone: 800-424-9346

Last EDR Contact :02/13/2012

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

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

Source: EPA, Region 9

Number of Days to Update: 137

Telephone: 415-947-4219

Last EDR Contact :03/26/2012

DELISTED NPL: National Priority List Deletions

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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: 09/07/2011

Source: EPA

Number of Days to Update: 141

Telephone: Not Reported

Last EDR Contact :04/05/2012

DOT OPS: Incident and Accident Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 07/29/2011

Source: Department of Transportation, Office of Pipeline Safety

Number of Days to Update: 94

Telephone: 202-366-4595

Last EDR Contact :02/07/2012

ERNS: Emergency Response Notification System

Standard Environmental Record Source: Federal ERNS list

Search Distance: Property

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

Date of Government Version: 10/03/2011

Source: National Response Center, United States Coast Guard

Number of Days to Update: 38

Telephone: 202-267-2180

Last EDR Contact :04/03/2012

FEMA UST: Underground Storage Tank Listing

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010

Source: FEMA

RECORD SOURCES AND CURRENCY

Number of Days to Update: 55
Last EDR Contact :04/10/2012

Telephone: 202-646-5797

FINDS: Facility Index System/Facility Registry System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 10/23/2011
Number of Days to Update: 79
Last EDR Contact :03/13/2012

Source: EPA
Telephone: Not Reported

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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
Number of Days to Update: 25
Last EDR Contact :02/27/2012

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Standard Environmental Record Source: Other Standard Environmental Records
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Number of Days to Update: 25
Last EDR Contact :02/27/2012

Source: EPA
Telephone: 202-566-1667

FUDS: Formerly Used Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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: 12/31/2009
Number of Days to Update: 112
Last EDR Contact :03/12/2012

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

RECORD SOURCES AND CURRENCY

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
Number of Days to Update: 40
Last EDR Contact :12/17/2007

Source: Environmental Protection Agency
Telephone: 202-564-2501

HMIRS: Hazardous Materials Information Reporting System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 10/04/2011
Number of Days to Update: 38
Last EDR Contact :04/03/2012

Source: U.S. Department of Transportation
Telephone: 202-366-4555

ICIS: Integrated Compliance Information System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 07/20/2011
Number of Days to Update: 61
Last EDR Contact :03/26/2012

Source: Environmental Protection Agency
Telephone: 202-564-5088

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

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

Date of Government Version: 10/01/2011
Number of Days to Update: 10
Last EDR Contact :05/01/2012

Source: EPA Region 1
Telephone: 617-918-1313

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/02/2011
Number of Days to Update: 7
Last EDR Contact :04/30/2012

Source: EPA Region 10
Telephone: 206-553-2857

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677

RECORD SOURCES AND CURRENCY

Last EDR Contact :04/30/2012

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011

Source: EPA Region 6

Number of Days to Update: 59

Telephone: 214-665-6597

Last EDR Contact :04/23/2012

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/01/2011

Source: EPA Region 7

Number of Days to Update: 50

Telephone: 913-551-7003

Last EDR Contact :04/30/2012

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011

Source: EPA Region 8

Number of Days to Update: 25

Telephone: 303-312-6271

Last EDR Contact :04/30/2012

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/05/2011

Source: Environmental Protection Agency

Number of Days to Update: 34

Telephone: 415-972-3372

Last EDR Contact :04/30/2012

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

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998

Source: Environmental Protection Agency

Number of Days to Update: 52

Telephone: 703-308-8245

Last EDR Contact :02/06/2012

INDIAN UST R1: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

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: 10/01/2011

Source: EPA, Region 1

Number of Days to Update: 10

Telephone: 617-918-1313

Last EDR Contact :05/01/2012

RECORD SOURCES AND CURRENCY

INDIAN UST R10: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 11/02/2011

Source: EPA Region 10

Number of Days to Update: 7

Telephone: 206-553-2857

Last EDR Contact :04/30/2012

INDIAN UST R4: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 12/14/2011

Source: EPA Region 4

Number of Days to Update: 26

Telephone: 404-562-9424

Last EDR Contact :04/30/2012

INDIAN UST R5: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 07/01/2011

Source: EPA Region 5

Number of Days to Update: 18

Telephone: 312-886-6136

Last EDR Contact :04/30/2012

INDIAN UST R6: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 05/10/2011

Source: EPA Region 6

Number of Days to Update: 34

Telephone: 214-665-7591

Last EDR Contact :04/23/2012

INDIAN UST R7: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 11/01/2011

Source: EPA Region 7

Number of Days to Update: 50

Telephone: 913-551-7003

Last EDR Contact :04/30/2012

INDIAN UST R8: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 08/18/2011

Source: EPA Region 8

Number of Days to Update: 25

Telephone: 303-312-6137

Last EDR Contact :04/30/2012

INDIAN UST R9: Underground Storage Tanks on Indian Land

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: State and tribal registered storage tank lists

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: 11/28/2011

Source: EPA Region 9

Number of Days to Update: 42

Telephone: 415-972-3368

Last EDR Contact :04/30/2012

INDIAN VCP R1: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: 0.333 Mile

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

Date of Government Version: 08/04/2011

Source: EPA, Region 1

Number of Days to Update: 38

Telephone: 617-918-1102

Last EDR Contact :04/03/2012

INDIAN VCP R7: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

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

Number of Days to Update: 27

Telephone: 913-551-7365

Last EDR Contact :04/20/2009

LIENS 2: CERCLA Lien Information

Standard Environmental Record Source: Federal CERCLIS

Search Distance: Property

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: 09/09/2011

Source: Environmental Protection Agency

Number of Days to Update: 13

Telephone: 202-564-6023

Last EDR Contact :04/30/2012

LUCIS: Land Use Control Information System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Date of Government Version: 12/09/2005

Source: Department of the Navy

Number of Days to Update: 31

Telephone: 843-820-7326

Last EDR Contact :04/03/2012

MINES: Mines Master Index File

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

RECORD SOURCES AND CURRENCY

Date of Government Version: 08/18/2011

Source: Department of Labor, Mine Safety and Health Administration

Number of Days to Update: 21

Telephone: 303-231-5959

Last EDR Contact :03/07/2012

MLTS: Material Licensing Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 06/21/2011

Source: Nuclear Regulatory Commission

Number of Days to Update: 60

Telephone: 301-415-7169

Last EDR Contact :03/12/2012

NPL: National Priority List

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 09/07/2011

Source: EPA

Number of Days to Update: 141

Telephone: Not Reported

Last EDR Contact :04/05/2012

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-566-0690

EPA Region 1
Telephone: 617-918-1102

EPA Region 2
Telephone: 212-637-4293

EPA Region 3
Telephone: 215-814-5418

EPA Region 4
Telephone: 404-562-8681

EPA Region 5
Telephone: 312-353-1063

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6118

EPA Region 9
Telephone: 415-947-4579

EPA Region 10
Telephone: 206-553-4479

NPL LIENS: Federal Superfund Liens

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Federal NPL

Search Distance: Property

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

Number of Days to Update: 56

Telephone: 202-564-4267

Last EDR Contact :08/15/2011

ODI: Open Dump Inventory

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Source: Environmental Protection Agency

Number of Days to Update: 39

Telephone: 800-424-9346

Last EDR Contact :06/09/2004

PADS: PCB Activity Database System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 11/01/2010

Source: EPA

Number of Days to Update: 98

Telephone: 202-566-0500

Last EDR Contact :04/17/2012

PCB TRANSFORMER: PCB Transformer Registration Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 02/01/2011

Source: Environmental Protection Agency

Number of Days to Update: 83

Telephone: 202-566-0517

Last EDR Contact :02/03/2012

Proposed NPL: Proposed National Priority List Sites

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 09/07/2011

Source: EPA

Number of Days to Update: 141

Telephone: Not Reported

Last EDR Contact :04/05/2012

RAATS: RCRA Administrative Action Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

RECORD SOURCES AND CURRENCY

Search Distance: Property

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

Source: EPA

Number of Days to Update: 35

Telephone: 202-564-4104

Last EDR Contact :06/02/2008

RADINFO: Radiation Information Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 01/10/2012

Source: Environmental Protection Agency

Number of Days to Update: 49

Telephone: 202-343-9775

Last EDR Contact :04/10/2012

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

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: 11/10/2011

Source: Environmental Protection Agency

Number of Days to Update: 67

Telephone: 703-308-8895

Last EDR Contact :04/04/2012

RCRA-LQG: RCRA - Large Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

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: 11/10/2011

Source: Environmental Protection Agency

Number of Days to Update: 67

Telephone: 703-308-8895

Last EDR Contact :04/04/2012

RCRA-NonGen: RCRA - Non Generators

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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.

RECORD SOURCES AND CURRENCY

Date of Government Version: 11/10/2011
Number of Days to Update: 67
Last EDR Contact :04/04/2012

Source: Environmental Protection Agency
Telephone: 703-308-8895

RCRA-SQG: RCRA - Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list
Search Distance: Property

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: 11/10/2011
Number of Days to Update: 67
Last EDR Contact :04/04/2012

Source: Environmental Protection Agency
Telephone: 703-308-8895

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

Standard Environmental Record Source: Federal RCRA TSD facilities list
Search Distance: 0.333 Mile

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: 11/10/2011
Number of Days to Update: 67
Last EDR Contact :04/04/2012

Source: Environmental Protection Agency
Telephone: 703-308-8895

ROD: Records Of Decision

Standard Environmental Record Source: Federal NPL
Search Distance: 0.333 Mile

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

Date of Government Version: 09/28/2011
Number of Days to Update: 27
Last EDR Contact :03/14/2012

Source: EPA
Telephone: 703-416-0223

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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

Date of Government Version: 03/07/2011
Number of Days to Update: 54
Last EDR Contact :04/23/2012

Source: Environmental Protection Agency
Telephone: 615-532-8599

SSTS: Section 7 Tracking Systems

Standard Environmental Record Source: Other Standard Environmental Records

RECORD SOURCES AND CURRENCY

Search Distance: Property

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

Date of Government Version: 12/31/2009

Source: EPA

Number of Days to Update: 77

Telephone: 202-564-4203

Last EDR Contact :04/30/2012

TRIS: Toxic Chemical Release Inventory System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 12/31/2009

Source: EPA

Number of Days to Update: 131

Telephone: 202-566-0250

Last EDR Contact :02/28/2012

TSCA: Toxic Substances Control Act

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 12/31/2006

Source: EPA

Number of Days to Update: 64

Telephone: 202-260-5521

Last EDR Contact :03/28/2012

UMTRA: Uranium Mill Tailings Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Date of Government Version: 09/14/2010

Source: Department of Energy

Number of Days to Update: 146

Telephone: 505-845-0011

Last EDR Contact :02/28/2012

US BROWNFIELDS: A Listing of Brownfields Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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: 06/27/2011

Source: Environmental Protection Agency

RECORD SOURCES AND CURRENCY

Number of Days to Update: 78
Last EDR Contact :04/03/2012

Telephone: 202-566-2777

US CDL: Clandestine Drug Labs

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 10/07/2011
Number of Days to Update: 32
Last EDR Contact :03/06/2012

Source: Drug Enforcement Administration
Telephone: 202-307-1000

US ENG CONTROLS: Engineering Controls Sites List

Standard Environmental Record Source: Federal institutional controls / engineering controls registries
Search Distance: Property

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: 12/30/2011
Number of Days to Update: 11
Last EDR Contact :03/12/2012

Source: Environmental Protection Agency
Telephone: 703-603-0695

US HIST CDL: National Clandestine Laboratory Register

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 09/01/2007
Number of Days to Update: 131
Last EDR Contact :03/23/2009

Source: Drug Enforcement Administration
Telephone: 202-307-1000

US INST CONTROL: Sites with Institutional Controls

Standard Environmental Record Source: Federal institutional controls / engineering controls registries
Search Distance: Property

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: 12/30/2011
Number of Days to Update: 11
Last EDR Contact :03/12/2012

Source: Environmental Protection Agency
Telephone: 703-603-0695

DOD: Department of Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

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

Number of Days to Update: 62

Telephone: 888-275-8747

Last EDR Contact :04/16/2012

INDIAN RESERV: Indian Reservations

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 12/31/2005

Source: USGS

Number of Days to Update: 34

Telephone: 202-208-3710

Last EDR Contact :04/16/2012

PWS: Public Water System Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 04/12/2007

Source: EPA

Number of Days to Update: N/A

Telephone: Not Reported

Last EDR Contact :03/12/2012

RECORD SOURCES AND CURRENCY

HISTORICAL USE RECORDS

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

Standard Environmental Record Source: Historical Gas Stations

Search Distance: 0.25 Mile

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.

Date of Government Version: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

Standard Environmental Record Source: Historical Dry Cleaners

Search Distance: 0.25 Mile

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.

Date of Government Version: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

Standard Environmental Record Source: Former manufactured Gas Plants

Search Distance: 0.333 Mile

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: 08/28/2009

Source: EDR, Inc.

Number of Days to Update: 55

Telephone: Not Reported

Last EDR Contact :04/06/2012

RECORD SOURCES AND CURRENCY

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.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW® 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

STATSGO: State Soil Geographic Database

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

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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.

STREET AND ADDRESS INFORMATION

© 2006 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX F:
Noise Assessment Documentation

Worksheet A
Site Evaluation

Noise Assessment Guidelines

Site Location

Quacco Road

Program

Project Name

The Preserve at Ogeechee - Phase I

Locality

Chatham County, Georgia

File Number

120315.240

Sponsor's Name

Phone

Street Address

City, State

	Acceptability Category	DNL	Predicted for Operations in Year
1. Roadway Noise	<u>Acceptable</u>	<u>< 65</u>	<u>2022</u>
2. Aircraft Noise	<u>Acceptable</u>	<u>< 55</u>	<u>2012</u>
3. Railway Noise	<u>Acceptable</u>	<u>< 65</u>	<u>2012</u>
		<u>< 65</u>	

Value of DNL for all noise sources (see page 3 for combination procedure)

Final Site Evaluation (circle one)

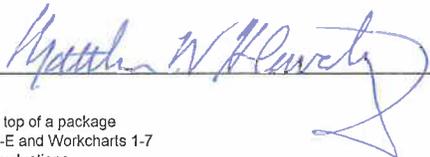
Acceptable

Normally Unacceptable

Unacceptable

All locations are less than 65 DNL; therefore, no exterior or interior noise mitigation is required per guidelines (NAG).

Signature



Date

06/09/12

Clip this worksheet to the top of a package containing Worksheets B-E and Workcharts 1-7 that are used in the site evaluations





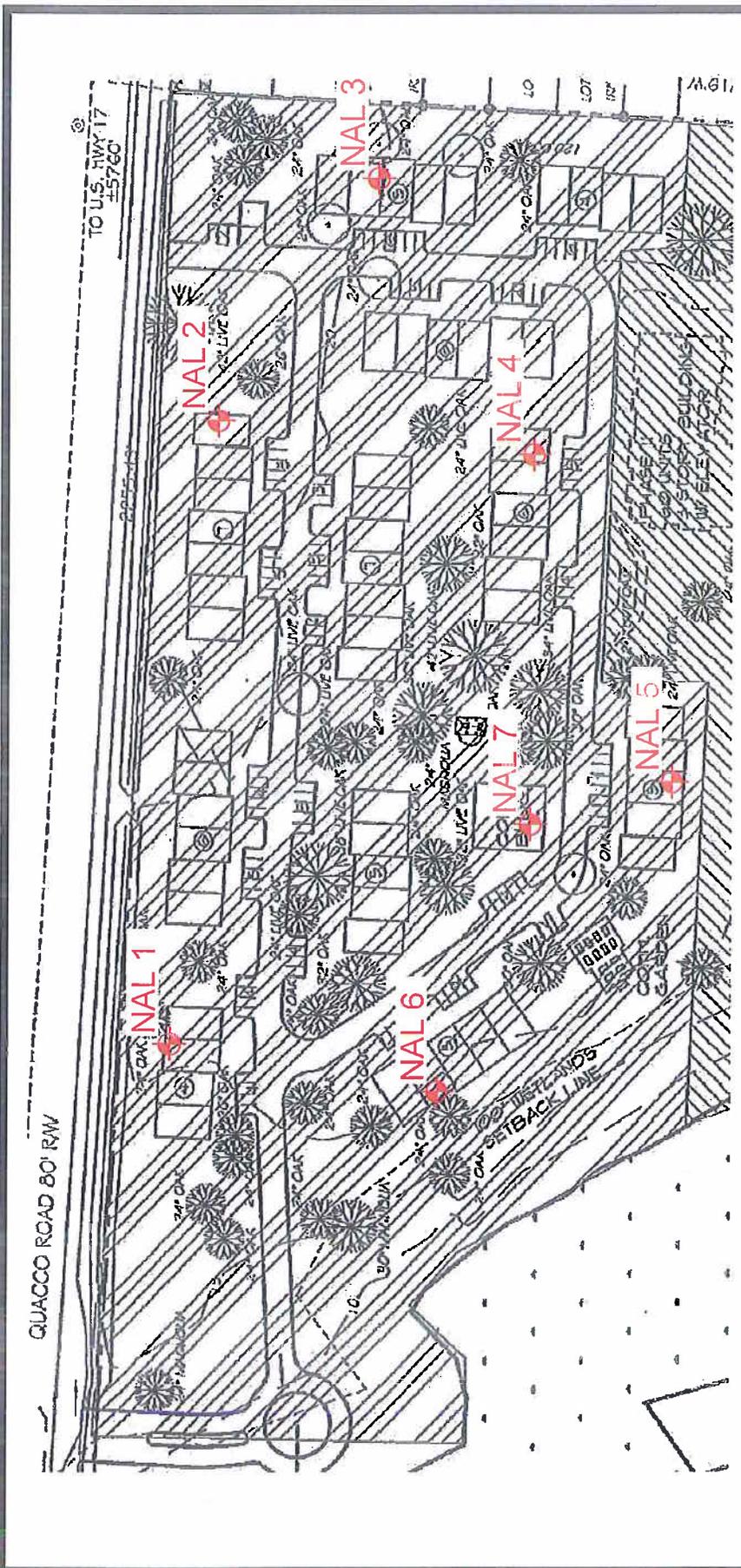
NOT TO SCALE
Image courtesy of Google Earth

GEC
GEOTECHNICAL
&
ENVIRONMENTAL
CONSULTANTS, INC.

514 HILLCREST INDUSTRIAL BLVD.
MACON, GEORGIA 31204
478-757-1606 (Fax) 478-757-1608
WWW.GECONSULTANTS.COM

SITE VICINITY
THE PRESERVE AT OGEECHEE
CHATHAM COUNTY, GEORGIA

GEC PROJECT NO. 120315.240



NAL	Road		Air		Rail		Combined
	DNL	< 65	DNL	< 55	DNL	< 65	
1	< 65	< 65	< 55	< 55	< 65	< 65	< 65
2	< 65	< 65	< 55	< 55	< 65	< 65	< 65
3	< 65	< 65	< 55	< 55	< 65	< 65	< 65
4	< 65	< 65	< 55	< 55	< 65	< 65	< 65
5	< 65	< 65	< 55	< 55	< 65	< 65	< 65

NOT TO SCALE

**NOISE ASSESSMENT LOCATIONS
THE PRESERVE AT OGEECHEE
CHATHAM COUNTY, GEORGIA**

GEC PROJECT NO. 120315.240

GEC
GEOTECHNICAL
&
ENVIRONMENTAL
CONSULTANTS, INC.

514 HILLCREST INDUSTRIAL BLVD.
 MACON, GEORGIA 31204
 478-757-1606 (Fax) 478-757-1608
 WWW.GECONSULTANTS.COM

**Worksheet C
Roadway Noise**

List all major roads within 1000 feet of the site:

- 1 No major roadways within 1000 feet, per maps
- 2 _____
- 3 _____
- 4 _____

NAL 1/2/3/4/5

Necessary Information	Road 1	Road 2	Road 3	Road 4
1. Distance in feet from the NAL to the edge of the road				
a. nearest lane	n/a	_____	_____	_____
b. farthest lane	_____	_____	_____	_____
c. average (effective distance)	_____	_____	_____	_____
2. Distance to stop sign	_____	_____	_____	_____
3. Road gradient in percent (%)	_____	_____	_____	_____
4. Average speed in mph				
a. Automobiles	_____	_____	_____	_____
b. heavy trucks - uphill	_____	_____	_____	_____
c. heavy trucks - downhill	_____	_____	_____	_____
5. 24 hour average number of automobiles and medium trucks in both directions (ADT)				
a. automobiles	_____	_____	_____	_____
b. medium trucks	_____	_____	_____	_____
c. effective ADT (a + (10xb))	_____	_____	_____	_____
6. 24 hour average number of heavy trucks				
a. uphill	_____	_____	_____	_____
b. downhill	_____	_____	_____	_____
c. total	_____	_____	_____	_____
7. Fraction of nighttime traffic (10 p.m. to 7 a.m.)	_____	_____	_____	_____
8. Traffic projected for what year?	2022	_____	_____	_____

Matthew W. Harty 6/9/12



NO MAJOR ROADWAYS WERE FOUND TO BE WITHIN A 1000-FT OFFSET OF THE SITE.

NOT TO SCALE
Image courtesy of Google Earth

GEC
GEOTECHNICAL
&
ENVIRONMENTAL
CONSULTANTS, INC.

514 HILLCREST INDUSTRIAL BLVD.
 MACON, GEORGIA 31204
 478-757-1606 (Fax) 478-757-1608
 WWW.GECONSULTANTS.COM

MAJOR ROADWAYS - 1000-FT OFFSET
THE PRESERVE AT OGEECHEE
CHATHAM COUNTY, GEORGIA

GEC PROJECT NO. 120315.240

**Worksheet B
Aircraft Noise**

List all airports within 15 miles of the site:

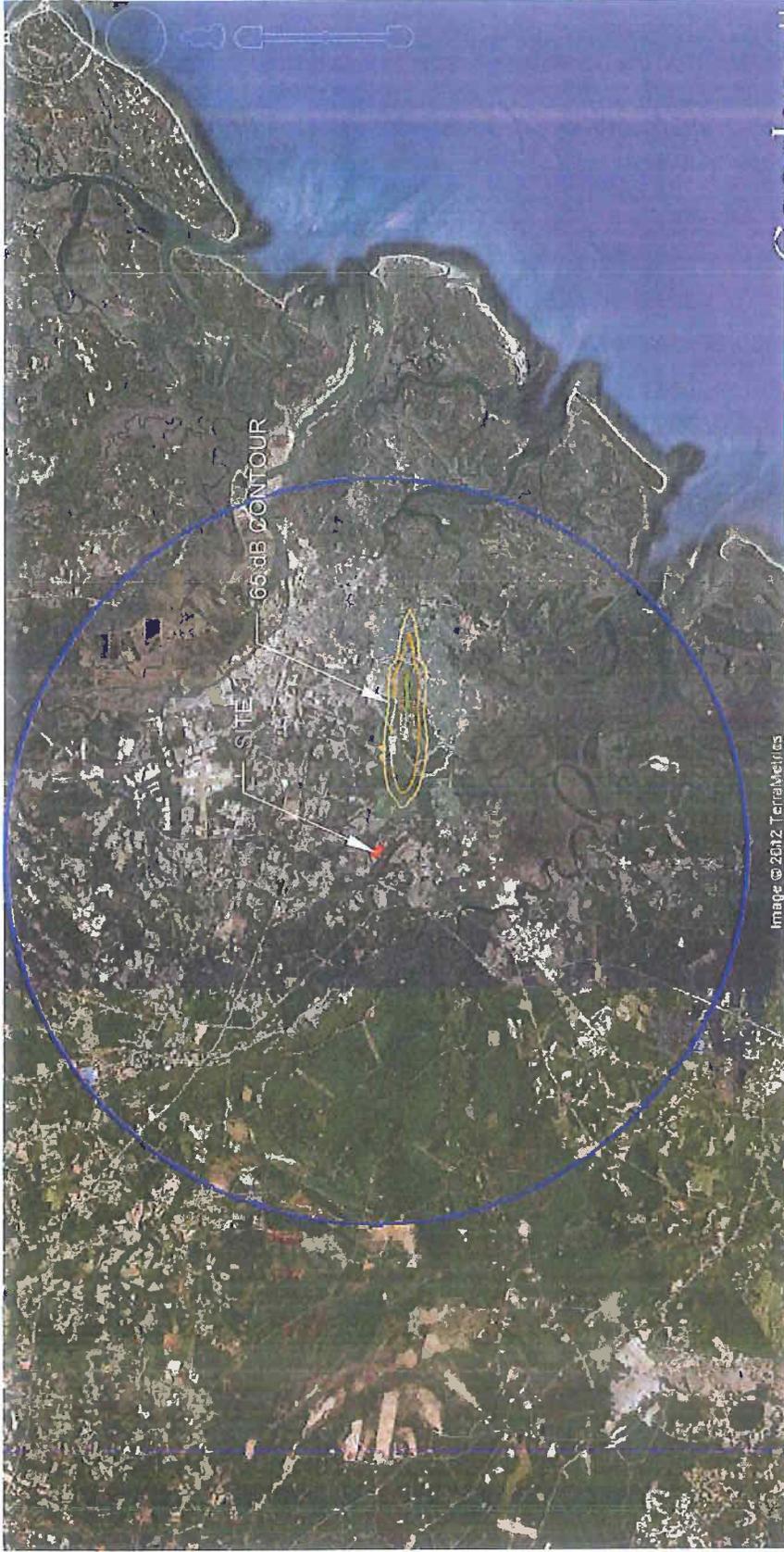
- 1 Hunter Army Airfield 5.0 miles E
- 2 No other civil or military airfields within 15 miles, per maps
- 3 _____

Necessary Information:	Airport 1	Airport 2	Airport 3
1. Are DNL, NEF or CNR contours available? (yes/no)	<u>Yes</u>	_____	_____
2. Any supersonic aircraft operations? (yes/no)	<u>No</u>	_____	_____
3. Estimating approximate contours from Figure 3:			
a. number of nighttime jet operations	<u>N/A</u>	_____	_____
b. number of daytime jet operations	_____	_____	_____
c. effective number of operations (10 times a + b)	_____	_____	_____
d. distance A for 65 dB	<u>N/A</u>	_____	_____
70 dB	_____	_____	_____
75 dB	_____	_____	_____
e. distance B for 65 dB	<u>N/A</u>	_____	_____
70 dB	_____	_____	_____
75 dB	_____	_____	_____
4. Estimating DNL from Table 2:			
a. distance from 65 dB contour to flight path, D ¹	<u>N/A</u>	_____	_____
b. distance from NAL to flight path, D ²	<u>N/A</u>	_____	_____
c. D ² divided by D ¹	<u>N/A</u>	_____	_____
d. DNL	<u><55</u>	_____	_____
5. Operations projected for what year?	<u>2012</u>	_____	_____
6. Total DNL from all airports	_____	<u><55</u>	_____

** - Civil airport greater than 5 miles from project site, therefore not considered a noise source per HUD guidelines

Signed 

Date 06/09/12



HUNTER ARMY AIRFIELD WAS FOUND WITHIN A 15-MILE RADIUS OF THE SITE.

NOT TO SCALE
Image courtesy of Google Earth

GEC
GEOTECHNICAL
&
ENVIRONMENTAL
CONSULTANTS, INC.

514 HILLCREST INDUSTRIAL BLVD.
MACON, GEORGIA 31204
478-757-1606 (Fax) 478-757-1608
WWW.GECONSULTANTS.COM

MILITARY AIRFIELDS - 15-MILE RADIUS
THE PRESERVE AT OGEECHEE
CHATHAM COUNTY, GEORGIA

GEC PROJECT NO. 120315.240



SIMCOM
Mike Kennedy
Learjet Captain
SIMCOM Customer

TOTAL HYDRAULIC PRESSURE LOSS
"Thanks to SIMCOM, it really wasn't a problem."
Watch my story now.

[Main Menu](#)

KSVN Airport/FBO Info

New Airport ID:

Find by Airport or City Name:

KSVN Airport:

[Compact](#)

HOTELS

[Printout](#)

HUNTER AAF SAVANNAH GA

Time Zone: **Eastern**

Lat: **N 3200.6** Long: **W 08108.8** Elev: **41** Var: **+04** Longest Runway: **11375**

Dept. ATIS: **127.52** Arr. ATIS: **127.52** Ground: **121.8** Tower: **133.55**

FBO & Flight Services info for KSVN:

[FBOs: Update your Fuel Prices](#)

PRIVATE U.S. ARMY

Ph: 912-971-5531

Fax: N/A

If you are an FBO, call 1-203-262-8900 to update your info or email: Support@FltPlan.com

Runway & Approach Info for KSVN

Rwy	Length	Land Dist Avail**	Approach*	Rwy	Length	Land Dist Avail**	Approach*
10	11375x200	11375'		28	11375x200	11375'	ILS/DME 109.50 - 276°

* only ILS, LOC, LDA, and SDF approaches to a specific runway are shown

** For any Declared Landing Distance Available, please see A/FD or Approach plates

Runway Weight Capability (lbs.) [more info on Runway Weight Capability](#)

Runway ID	Single Wheel	Double Wheel	Double Tandem Wheel	Dual Double Wheel
10/28	N/A	N/A	N/A	N/A

These numbers are Advisory and are not limits. The Airport Manager should have more accurate Weight Limits
Please email Support@FltPlan.com for further information.

Approach Charts for KSVN

View Approaches for KSVN (for fast viewing) ILS OR LOC RWY 28

View Approaches for KSVN (PDF format for printing.)

Current Weather (Metars, TAFs, Notams, NWS Forecast, PIREPS, and nearby weather)

(Metars, TAFs, Notams, NWS Forecast, PIREPS, and nearby weather)

Customs Information

(Send updates to Support@FltPlan.com)

Customs Not Available

Database effective date: 04/05/2012

Facility Name: HUNTER AAF
City Name: SAVANNAH
County: CHATHAM
State abbrev: GA
State Name: GEORGIA

Ownership: ARMY OWNED
Use: PRIVATE
Owner's Name: USAASA ATTN: ATAS-AS
Address: 9325 GUNSTON RD, BLDG 1466 SUITE N319
ALEXANDRIA, VA 22060-5582

Owner's Phone:

Manager's Name:
Address:

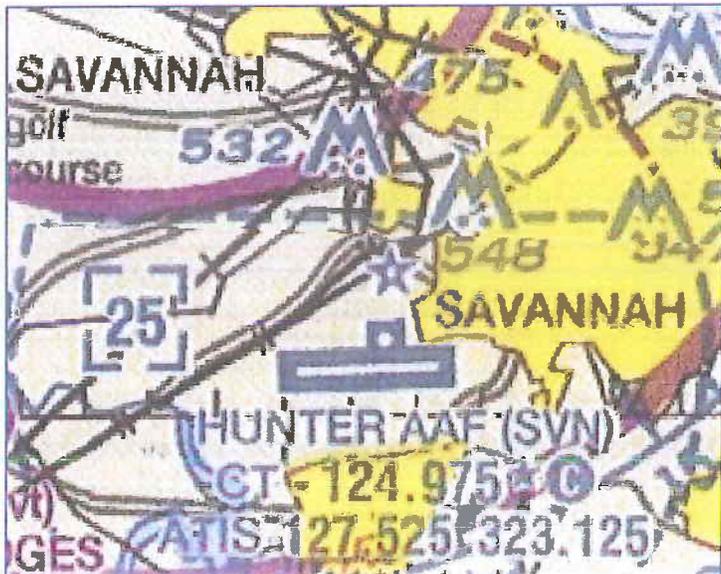
Phone:

FAA Region: SOUTHERN
FAA Field Office: ATL

No Aerial Photo Available

Have an aerial photo of this airport that you would like to share with other FltPlan.com users?

[Click here to find out how to submit your photo.](#)





[Click here for full scale & interactive Sectional view of KSVN](#)

- Map Control Panel(click to open/close)

Change Base Map:

Available Map Layers:

- Airports
- Weather Radar
- Grid Fixes
- Jet Airways
- Airspace & TFRs
- Victor Airways
- State Outlines

[Click For Full Size Map](#)

Sunrise / Sunset times for: HUNTER AAF

Date:	Sunrise	Sunset	Date:	Sunrise	Sunset
05/02/12 Wednesday	6:37	20:06	05/09/12 Wednesday	6:31	20:11
05/03/12 Thursday	6:36	20:07	05/10/12 Thursday	6:30	20:12
05/04/12 Friday	6:35	20:08	05/11/12 Friday	6:30	20:13
05/05/12 Saturday	6:34	20:09	05/12/12 Saturday	6:29	20:13
05/06/12 Sunday	6:33	20:09	05/13/12 Sunday	6:28	20:14
05/07/12 Monday	6:33	20:10	05/14/12 Monday	6:27	20:15
05/08/12 Tuesday	6:32	20:11	05/15/12 Tuesday	6:27	20:16

Airport Facilities

Airport Attendance Schedule: CONTINUOUS
 Airport Status: OPERATIONAL (This Status can change at any time - please check NOTAMS)
 Airport Lighting Schedule: ACTVT-3 STEP APCH LGTS & HIRL RY 10-28, REIL RY 10, PAPI RY 10 & 28 - CTAF WHEN TWR CLSD.
 Airport Storage Available: NONE
 Extra Services Available: NONE
 Wind Indicator: NONE
 Control Tower: YES
 CTAF Frequency: 124.975
 Unicom Frequency:
 Rotating Beacon Color: SPLIT-CLEAR-GREEN (LIGHTED MILITARY AIRPORT)

Segmented Circle: NO
Landing Fee:

Airport Services

Type of Fuel Available: None
Airframe Repair Service: None
Power Plant Repair Service: None

Geographic Data

Latitude: **N3200.6** Longitude: **W08108.8** (ESTIMATED)
Arpt Elevation: **41ft** (ESTIMATED)
Magnetic Variation: **04W**
2 miles **SW** of **SAVANNAH**
Traffic Pattern Altitude:
Sectional Chart: ATLANTA

Aircraft Data

Operations (reported)	Yearly	Avg. Daily	Aircraft based on Field	
General Aviation transient:	0	0	General Aviation Singles:	0
General Aviation Local:	0	0	General Aviation Multi:	0
Air Taxi:	0	0	Jet Aircraft:	0
Commerical:	0	0	General Aviation Helicopters:	0
Commuter:	0	0	Military Aircraft:	0
Military:	0	0	Gliders:	0
			Ultralights:	0

FAA Services

FSS on field: NO
FSS tie-in: HUNTER AAF; FSS-MACON MCN-NOTAM MCN
FSS Phone: 1-800-WX-BRIEF
Who issues Notams: SVN
Notam **D** service at airport: **YES**
ARTCC Name: JACKSONVILLE

Federal Status

Airport Certification: NO SCHEDULED AIR CARRIER SERVICE
Aircraft Rescue & Firefighting Index: AIRPORT AS LIMITED CERTIFICATION
UNDER CFR PART 139
Airport of Entry: No
Custom Landing Rights: No
Joint Civil/Military: No
Military Landing rights: YES

Runway Identification: 10/28

Length: 11375 ft
Width: 200 ft
Surface: ASPHALT
Edge lights: High Intensity
Weight: PCN 77/R/B/W/T

Runway: 10

Mag heading: N/A
Rwy Slope: .08% Up
Approach:
Pattern: Left Traffic
Markings:
Marking Condition:
Arresting Dev:
Lat & Long: N3200.6 W08109.9
Elev: 17.4 ft. MSL
TCH: 49 ft. AGL
Visual Glide Path: 3.00 degrees
Displaced Threshold: No
Touchdown Zone: **YES**
Touchdown Elev.: 25.9 feet

Runway: 28

Mag heading: N/A
Rwy Slope: -.08% Down
Approach: ILS/DME
Pattern: Left Traffic
Markings:
Marking Condition:
Arresting Dev:
Lat. & Long.: N3200.6 W08107.7
Elev: 26.5 ft. MSL
TCH: 50 ft. AGL
Visual Glide Path: 3.00 degrees
Displaced Threshold: No
Touchdown Zone: **YES**
Touchdown Elev.: 41.3 feet

Visual Glide Slope: 4-Light PAPI on RIGHT side of Runway

Visual Glide Slope: 4-Light PAPI on LEFT side of Runway

RVR Equipment: TOUCHDOWN

RVR Equipment:

RVV Equipment: NO

RVV Equipment: NO

Approach Lights:

Approach Lights: ALSF1 - standard 2,400 foot high intensity approach lighting system with sequenced flashers, Category I

REIL: YES

REIL: NO

Centerline Lights: NO

Centerline Lights: NO

Touchdown lights: NO

Touchdown lights: NO

Runway Category:

Runway Category:

Declared Distances:

Declared Distances:

Remarks

- JASU: 3(AF M32A-86) 3(DND CE12 EQUIVALENT) 1(DND CE14 EQUIVALENT) 1(AF M32-95)
- FUEL: J8. TRAN FUEL PPR, CTC BASE OPS DSN 729-5531. TRAN ACFT MAY EXP DELAY DUE TO OPR MSN.
- OIL: O-156
- TRAN ALERT: LTD SVC AVBL 0400Z++ MON THRU 2300Z++ FRI, EXC HOL.
- CAUTION: WLDLIFE HAZ. SEAGULL HAZ.
- TFC PAT: F/W 1500 FT, R/W 700 FT.
- MISC: R/W PILOTS PLANNING TO CONDUCT OPR WTHIN R3005 MUST RCV A RNG BRIEFING PRIOR TO OPR. BRIEFING SHALL BE ACCOMPLISHED AT LEAST 4 HR PRIOR TO FLT ON THE RESERVATION. AVIATORS BRIEFED WTHIN THE PAST 6 MONTHS MAY RCV FONE UPDATE.
- MISC: FOR BRIEFING COORD CTC DSN 729-2523/6207, C912-352-2523, 1300-2100Z++ MON-FRI EXC HOL. BASE OPS AND WX OBSERVER OPR 24 HR, EXCLD HOL. NO EMERG SVC AVBL WHEN TWR AND BASE OPS CLSD. WX/VIS OBSN RSTD.
- RADAR: SEE TERMINAL FLIP FOR RADAR MINIMA.
- SEE FLIP AP/1 SUPPLEMENTARY ARPT
- CAUTION: TAXIWAY 7E/W CLSD. NO R/W HOVERING ON WEST RAMP WTHOUT PRIOR PERMISION.
- PMSV METRO: AUTO AN/FMQ-19 IN USE. KSVN FORECASTER AVBL, OPR 0300-0200Z++ SUN-FRI, CLSD FED HOL. KSVN FORECAST DSN 331-2642, C318-529-2642 OR 26 OWS DSN 781-1220, C318-4561220.
- MISC: DSN 331-2642, C318-529-2642.
- ARNGOPS CTC DSN 729-7182/6534, C912-315-7182/6534.
- ARNG: BASE OPS CTC DSN 729-7182/6534, C912-315-7182/6534.
- NS ABTMT - PRO IN EFF. PRACTICE MULTIPLE CIRCLING APCH CAT C, D, E NOT AUTH BLW 1500 FT. NO OVFT OF SAVANNAH AND SUR POPULATED AREAS BLW 1000 FT UNLESS ON APCH TO HUNTER AAF.

Airport Inspection Data

Airport Inspected: No Inspection Data Available performed by the OWNER

Inspection Date: Unknown

Airport Communications & Frequencies:

ATIS Frequencies: Hours(local) of Operation: **MON 1230Z++ - FRI 0200Z++**. CLSD FED HOL.

127.525

323.125

HUNTER Tower Frequencies: Hours(local) of operation: **1230 -0400Z++ MON-FRI, CLSD WEEKENDS AND FEDERAL HOL.**

279.575

285.425

46.7FM

HUNTER Ground Frequencies:

121.8

291.675

Emergency Frequencies:

121.5

243.0

CTAF Frequency: 124.975

Remarks

- APCH/DEP SERVICE PROVIDED BY JACKSONVILLE ARTCC ON FREQS 120.85/322.5 (SAVANNAH RCAG) WHEN SAVANNAH APCH CTL CLOSED.
- REMARKS: (5692 SSB)

SAVANNAH Primary Approach Frequencies:

120.4

125.3 011-109

SAVANNAH Primary Departure Frequencies:

120.4

125.3 011-109

Worksheet D
Railway Noise

List All Railways within 3000 feet of the site:

- 1 No railways within 3000 feet of site, per maps
- 2 _____
- 3 _____

NAL 1/2/3/4/5

Necessary Information:	Railway No. 1	Railway No. 2	Railway No. 3
1. Distance in feet from the NAL to the railway track:	_____	_____	_____
2. Number of trains in 24 hours:			
a. diesel	_____	_____	_____
b. electrified	_____	_____	_____
3. Fraction of operations at night (10 p.m. - 7 a.m.):	_____	_____	_____
4. Number of diesel locomotives per train:	_____	_____	_____
5. Number of rail cars per train:			
a. diesel trains	_____	_____	_____
b. electrified trains	_____	_____	_____
6. Average train speed:	_____	_____	_____
7. Is track welded or bolted? (w/b)	_____	_____	_____
8. Are whistles or horns required for grade crossings? (y/n)	_____	_____	_____

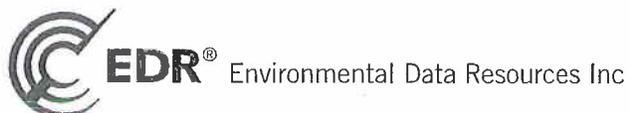
Matthew W. Harvey 6/9/12

APPENDIX G:
Regulatory Search Information

The Preserve @ Ogeechee
QUACCO RD
Savannah, GA 31419

Inquiry Number: 3313622.2s
May 01, 2012

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	7
Orphan Summary	8
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	A-39

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2012 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

QUACCO RD
SAVANNAH, GA 31419

COORDINATES

Latitude (North): 32.0270000 - 32° 1' 37.20"
Longitude (West): 81.2501000 - 81° 15' 0.36"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 476383.1
UTM Y (Meters): 3543268.0
Elevation: 6 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 32081-A3 MELDRIM SE, GA
Most Recent Revision: 1976

East Map: 32081-A2 GARDEN CITY, GA
Most Recent Revision: 1980

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010
Source: USDA

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

EXECUTIVE SUMMARY

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

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

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

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

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

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

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

UST..... Underground Storage Tank Database

EXECUTIVE SUMMARY

AST..... Above Ground Storage Tanks
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

INST CONTROL..... Public Record List
AUL..... Uniform Environmental Covenants

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VIC..... 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

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
HIST LF..... Historical Landfills
SWRCY..... Recycling Center Listing

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Spills Information

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees

EXECUTIVE SUMMARY

ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
NPDES.....	NPDES Wastewater Permit List
DRYCLEANERS.....	Drycleaner Database
AIRS.....	Permitted Facility and Emissions Listing
TIER 2.....	Tier 2 Data Listing
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
COAL ASH.....	Coal Ash Disposal Site Listing
COAL ASH DOE.....	Steam-Electric Plan Operation Data

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants.....	EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations..	EDR Proprietary Historic Gas Stations
EDR Historical Cleaners.....	EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

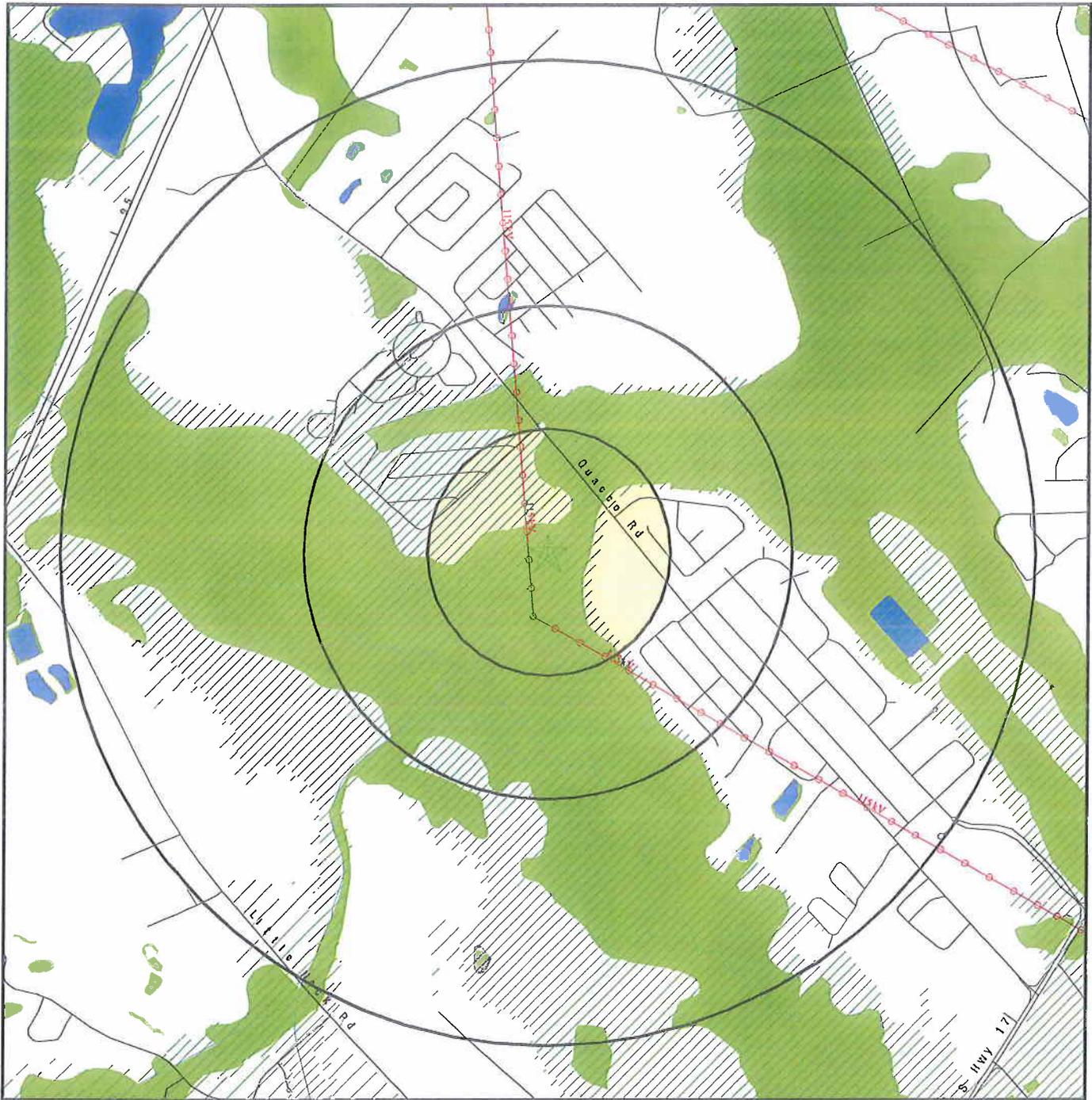
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 21 records.

<u>Site Name</u>	<u>Database(s)</u>
FORMER PET SUPPLY (DOT PARCEL #57)	UST, FINANCIAL ASSURANCE
APAC GEORGIA, INC. SR204 INERT LF	SWF/LF
DAVID C. MARK EAST 64TH STREET INE	SWF/LF
LACKERSON INERT LANDFILL	SWF/LF
CHATHAM CO-THOMAS AVE (L)	SWF/LF
HARRY L. KING INERT LANDFILL	SWF/LF
DEAN FOREST ROAD INERT LANDFILL	SWF/LF
JEWELL G. WHEELER INERT LANDFILL	SWF/LF
HOLLOW OAK INERT LF	SWF/LF
WINDSOR FOREST WASTEWATER TREATMEN	SWF/LF
A.L. WILKES MOHAWK STREET INERT LF	SWF/LF
SAFETY DISPOSAL SYSTEMS OF GEORGIA	SWF/LF
W.J. BREMER, JR. EAST PRESIDENT STR	SWF/LF
NEAL A. WITTKAMP ROSE DHU ROAD INE	SWF/LF
DEVORY DOWDY STALEY AVENUE INERT L	SWF/LF
UNION CAMP CORP.-SWAINBORO WOODYAR	SWF/LF
UNION CAMP CORPORATION	SWF/LF
SHUMAN CONSTRUCTION CO., INC. US17S	SWF/LF
FORMER PET SUPPLY (DOT PARCEL #57)	LUST
HWY 17 TO LITTLE OGEECHEE RIVER TO	ERNS
HWY 17 TO LITTLE OGEECHEE RIVER TO	ERNS

OVERVIEW MAP - 3313622.2s



- ☆ 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
- Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory

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: The Preserve @ Ogeechee ADDRESS: QUACCO RD Savannah GA 31419 LAT/LONG: 32.027 / 81.2501	CLIENT: Geotechnical & Envtl. Cons. CONTACT: Greta Woods INQUIRY #: 3313622.2s DATE: May 01, 2012 11:21 am
--	---

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>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	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>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
GA NON-HSI	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
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
AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
INST CONTROL	0.500		0	0	0	NR	NR	0
AUL	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
VIC	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>								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS	0.500		0	0	0	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
<i>Other Ascertainable Records</i>								
RCRA-NonGen	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	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
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000		0	0	0	0	NR	0
EDR Historical Auto Stations	0.250		0	0	NR	NR	NR	0
EDR Historical Cleaners	0.250		0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO SITES FOUND

Count: 21 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAVANNAH	984506010	HWY 17 TO LITTLE OGEECHEE RIVER TO	HWY 17 TO LITTLE OGEECHEE RIVE		ERNS
SAVANNAH	984506011	HWY 17 TO LITTLE OGEECHEE RIVER TO	HWY 17 TO LITTLE OGEECHEE RIVE		ERNS
SAVANNAH	S1094955668	APAC GEORGIA, INC. SR204 INERT LF	HC 204		SWF/LF
SAVANNAH	U004025554	FORMER PET SUPPLY (DOT PARCEL #57)	HC 25 & USHY 17		UST, FINANCIAL ASSURANCE
SAVANNAH	S106735307	FORMER PET SUPPLY (DOT PARCEL #57)	HC 25 & USHY 17		LUST
SAVANNAH	S108666292	DAVID C. MARK EAST 64TH STREET INE	E 64TH ST		SWF/LF
SAVANNAH	S108310613	LACKERSON INERT LANDFILL	217 ARGYLE RD		SWF/LF
SAVANNAH	S109495737	CHATHAM CO-THOMAS AVE (L)	AVE THOMAS 9 MI MONT CROSS S		SWF/LF
SAVANNAH	S107666358	HARRY L. KING INERT LANDFILL	BREVARD PT		SWF/LF
SAVANNAH	S110995799	DEAN FOREST ROAD INERT LANDFILL	DEAN FOREST RD		SWF/LF
SAVANNAH	S107666679	JEWELL G. WHEELER INERT LANDFILL	FORTH AVE & TREMONT RD		SWF/LF
SAVANNAH	S108895451	HOLLOW OAK INERT LF	GA		SWF/LF
SAVANNAH	S107668033	WINDSOR FOREST WASTEWATER TREATMEN	LARGO DR		SWF/LF
SAVANNAH	S1076665630	A.L. WILKES MOHAWK STREET INERT LF	MOHAWK ST		SWF/LF
SAVANNAH	S108310867	SAFETY DISPOSAL SYSTEMS OF GEORGIA	6043 OGEECHEE RD		SWF/LF
SAVANNAH	S107667982	W.J. BREMER, JR. EAST PRESIDENT STR	E PRESIDENT ST		SWF/LF
SAVANNAH	S107667494	NEAL A. WITTKAMP ROSE DHU ROAD INE	ROSE DHU RD		SWF/LF
SAVANNAH	S107666133	DEVORY DOWDY STALEY AVENUE INERT L	STALEY AVE		SWF/LF
SAVANNAH	S107667966	UNION CAMP CORP -SWAINBORO WOODYAR	STHY 237		SWF/LF
SAVANNAH	S107667967	UNION CAMP CORPORATION	TRIMBLE ROAD NEAR HWY N		SWF/LF
SAVANNAH	S107667830	SHUMAN CONSTRUCTION CO.,INC. US17S	US17S		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: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 07/23/2012
	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: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 07/23/2012
	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: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Quarterly

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: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/12/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
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: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

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: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/12/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 06/25/2012
	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: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/12/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Varies

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: 10/03/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-267-2180
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/03/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/16/2012
	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: 07/01/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/21/2011	Telephone: 404-657-8600
Date Made Active in Reports: 08/09/2011	Last EDR Contact: 04/02/2012
Number of Days to Update: 19	Next Scheduled EDR Contact: 07/16/2012
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2012
Date Data Arrived at EDR: 01/13/2012
Date Made Active in Reports: 02/17/2012
Number of Days to Update: 35

Source: Rindt-McDuff Associates, Inc.
Telephone: N/A
Last EDR Contact: 03/16/2012
Next Scheduled EDR Contact: 06/25/2012
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: 03/04/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/23/2011
Number of Days to Update: 43

Source: Department of Natural Resources
Telephone: 404-362-2696
Source: Center for GIS, Georgia Institute of Technology
Telephone: 404-385-0900
Last EDR Contact: 02/10/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

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: 01/11/2012
Date Data Arrived at EDR: 03/21/2012
Date Made Active in Reports: 04/10/2012
Number of Days to Update: 20

Source: Environmental Protection Division
Telephone: 404-362-2687
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Semi-Annually

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: 12/05/2011
Date Data Arrived at EDR: 12/07/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/01/2011	Source: EPA Region 1
Date Data Arrived at EDR: 11/01/2011	Telephone: 617-918-1313
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 05/01/2012
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/13/2012
	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: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/23/2012
Number of Days to Update: 59	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/01/2011	Source: EPA Region 7
Date Data Arrived at EDR: 11/21/2011	Telephone: 913-551-7003
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 50	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

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: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6271
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 04/30/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

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: 03/08/2012	Source: Environmental Protection Division
Date Data Arrived at EDR: 03/16/2012	Telephone: 404-362-2687
Date Made Active in Reports: 04/11/2012	Last EDR Contact: 03/16/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/02/2012
	Data Release Frequency: Annually

AST: Above Ground Storage Tanks
A listing of LP gas tank site locations.

Date of Government Version: 03/06/2012	Source: Office of Insurance & Safety Fire Commissioner
Date Data Arrived at EDR: 03/06/2012	Telephone: 404-656-5875
Date Made Active in Reports: 04/11/2012	Last EDR Contact: 02/27/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 06/11/2012
	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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2011
Date Data Arrived at EDR: 08/26/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 18

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
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: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/23/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Semi-Annually

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: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Semi-Annually

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: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 42

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Quarterly

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: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
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: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/01/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/02/2011 Source: EPA Region 10
Date Data Arrived at EDR: 11/04/2011 Telephone: 206-553-2857
Date Made Active in Reports: 11/11/2011 Last EDR Contact: 04/30/2012
Number of Days to Update: 7 Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Quarterly

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: 11/01/2011 Source: EPA Region 7
Date Data Arrived at EDR: 11/21/2011 Telephone: 913-551-7003
Date Made Active in Reports: 01/10/2012 Last EDR Contact: 04/30/2012
Number of Days to Update: 50 Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

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: 04/10/2012
Number of Days to Update: 55 Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Uniform Environmental Covenants

A list of environmental covenants

Date of Government Version: 12/08/2010 Source: Department of Natural Resources
Date Data Arrived at EDR: 01/06/2012 Telephone: 404-657-8600
Date Made Active in Reports: 01/30/2012 Last EDR Contact: 02/17/2012
Number of Days to Update: 24 Next Scheduled EDR Contact: 05/28/2012
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: 10/27/2011 Source: Department of Natural Resources
Date Data Arrived at EDR: 11/17/2011 Telephone: 404-657-8600
Date Made Active in Reports: 12/14/2011 Last EDR Contact: 02/17/2012
Number of Days to Update: 27 Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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: 01/01/2012 Source: DNR
Date Data Arrived at EDR: 03/06/2012 Telephone: 404-657-8600
Date Made Active in Reports: 04/10/2012 Last EDR Contact: 03/06/2012
Number of Days to Update: 35 Next Scheduled EDR Contact: 06/18/2012
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 08/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

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: 10/27/2011
Date Data Arrived at EDR: 11/17/2011
Date Made Active in Reports: 12/14/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: 404-657-8600
Last EDR Contact: 02/17/2012
Next Scheduled EDR Contact: 05/28/2012
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: 06/27/2011
Date Data Arrived at EDR: 06/27/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

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	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 03/26/2012
Number of Days to Update: 137	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: No Update Planned

SWRCY: Recycling Center Listing

A listing of recycling facility locations.

Date of Government Version: 03/14/2012	Source: Department of Community Affairs
Date Data Arrived at EDR: 03/15/2012	Telephone: 404-679-1598
Date Made Active in Reports: 04/10/2012	Last EDR Contact: 04/11/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/12/2012
	Data Release Frequency: Varies

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

Local Lists of Hazardous waste / Contaminated Sites

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: 10/07/2011	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/09/2011	Telephone: 202-307-1000
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/06/2012
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/18/2012
	Data Release Frequency: Quarterly

DEL SHWS: Delisted Hazardous Site Inventory Listing

A listing of sites delisted from the Hazardous Site Inventory.

Date of Government Version: 07/01/2011	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/21/2011	Telephone: 404-657-8636
Date Made Active in Reports: 08/09/2011	Last EDR Contact: 04/02/2012
Number of Days to Update: 19	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

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: 09/09/2011
Date Data Arrived at EDR: 09/16/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

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: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 06/04/2012
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: 10/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Annually

SPILLS: Spills Information

Oil or Hazardous Material Spills or Releases.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 01/03/2012
Date Made Active in Reports: 01/30/2012
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: 404-656-6905
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/29/2011	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/09/2011	Telephone: 202-366-4595
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 02/07/2012
Number of Days to Update: 94	Next Scheduled EDR Contact: 05/21/2012
	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: 04/16/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: Semi-Annually

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: 12/31/2009	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/12/2010	Telephone: 202-528-4285
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 03/12/2012
Number of Days to Update: 112	Next Scheduled EDR Contact: 06/25/2012
	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: 12/01/2011	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 01/25/2012	Telephone: Varies
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/02/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 09/28/2011	Source: EPA
Date Data Arrived at EDR: 12/14/2011	Telephone: 703-416-0223
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/14/2012
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 02/28/2012
Number of Days to Update: 146	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MINES: Mines Master Index File

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

Date of Government Version: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 03/07/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 06/18/2012
	Data Release Frequency: Semi-Annually

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: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 09/01/2011	Telephone: 202-566-0250
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 02/28/2012
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Annually

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: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 03/28/2012
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: Every 4 Years

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	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 02/27/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/11/2012
	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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 02/27/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/11/2012
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009 Source: EPA
Date Data Arrived at EDR: 12/10/2010 Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011 Last EDR Contact: 04/30/2012
Number of Days to Update: 77 Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/20/2011 Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011 Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012 Last EDR Contact: 03/26/2012
Number of Days to Update: 61 Next Scheduled EDR Contact: 07/09/2012
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: 11/01/2010 Source: EPA
Date Data Arrived at EDR: 11/10/2010 Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011 Last EDR Contact: 04/17/2012
Number of Days to Update: 98 Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Annually

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: 06/21/2011 Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011 Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011 Last EDR Contact: 03/12/2012
Number of Days to Update: 60 Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

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: 01/10/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/12/2012	Telephone: 202-343-9775
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/10/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

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: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (404) 562-9900
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/13/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Quarterly

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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2009	Source: EPA/NTIS
Date Data Arrived at EDR: 03/01/2011	Telephone: 800-424-9346
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 02/27/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Biennially

NPDES: NPDES Wastewater Permit List

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

Date of Government Version: 01/27/2011	Source: Department of Natural Resources
Date Data Arrived at EDR: 02/15/2011	Telephone: 404-362-2680
Date Made Active in Reports: 02/23/2011	Last EDR Contact: 02/15/2012
Number of Days to Update: 8	Next Scheduled EDR Contact: 05/28/2012
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/18/2009 Source: Department of Natural Resources
Date Data Arrived at EDR: 09/18/2009 Telephone: 404-363-7000
Date Made Active in Reports: 10/09/2009 Last EDR Contact: 02/27/2012
Number of Days to Update: 21 Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Varies

AIRS: Permitted Facility & Emissions Listing
A listing of permitted Air facilities and emissions data.

Date of Government Version: 12/31/2011 Source: Department of Natural Resources
Date Data Arrived at EDR: 02/29/2012 Telephone: 404-363-7000
Date Made Active in Reports: 04/18/2012 Last EDR Contact: 02/27/2012
Number of Days to Update: 49 Next Scheduled EDR Contact: 06/11/2012
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: 12/31/2010 Source: Department of Natural Resources
Date Data Arrived at EDR: 10/25/2011 Telephone: 404-656-4852
Date Made Active in Reports: 11/18/2011 Last EDR Contact: 03/05/2012
Number of Days to Update: 24 Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: Varies

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

Date of Government Version: 12/31/2005 Source: USGS
Date Data Arrived at EDR: 12/08/2006 Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007 Last EDR Contact: 04/16/2012
Number of Days to Update: 34 Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Semi-Annually

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

Date of Government Version: 03/07/2011 Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011 Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011 Last EDR Contact: 04/23/2012
Number of Days to Update: 54 Next Scheduled EDR Contact: 08/06/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE: Financial Assurance Information Listing
A listing of financial assurance information for underground storage tank facilities.

Date of Government Version: 03/08/2012 Source: Department of Natural Resources
Date Data Arrived at EDR: 03/16/2012 Telephone: 404-362-4892
Date Made Active in Reports: 04/11/2012 Last EDR Contact: 03/16/2012
Number of Days to Update: 26 Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Annually

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009 Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009 Last EDR Contact: 04/16/2012
Number of Days to Update: 76 Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 02/03/2012
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/14/2012
	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: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/16/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash landfills.

Date of Government Version: 05/27/2011	Source: Department of Natural Resources
Date Data Arrived at EDR: 05/31/2011	Telephone: 404-362-2537
Date Made Active in Reports: 07/11/2011	Last EDR Contact: 03/05/2012
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/21/2012
	Data Release Frequency: Varies

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: 04/16/2012
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: N/A

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Historical Cleaners: EDR Proprietary 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.

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

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: 02/20/2012
Date Data Arrived at EDR: 02/20/2012
Date Made Active in Reports: 03/15/2012
Number of Days to Update: 24

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/20/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/17/2012
Next Scheduled EDR Contact: 07/30/2012
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: 01/10/2012
Date Data Arrived at EDR: 02/09/2012
Date Made Active in Reports: 03/09/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/09/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/26/2012
Date Made Active in Reports: 03/06/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/23/2012
Next Scheduled EDR Contact: 08/06/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information Hazardous waste manifest information

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/24/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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.

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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

THE PRESERVE @ OGEECHEE
QUACCO RD
SAVANNAH, GA 31419

TARGET PROPERTY COORDINATES

Latitude (North): 32.027 - 32° 1' 37.20"
Longitude (West): 81.2501 - 81° 15' 0.36"
Universal Tranverse Mercator: Zone 17
UTM X (Meters): 476383.1
UTM Y (Meters): 3543268.0
Elevation: 6 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 32081-A3 MELDRIM SE, GA
Most Recent Revision: 1976

East Map: 32081-A2 GARDEN CITY, GA
Most Recent Revision: 1980

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).

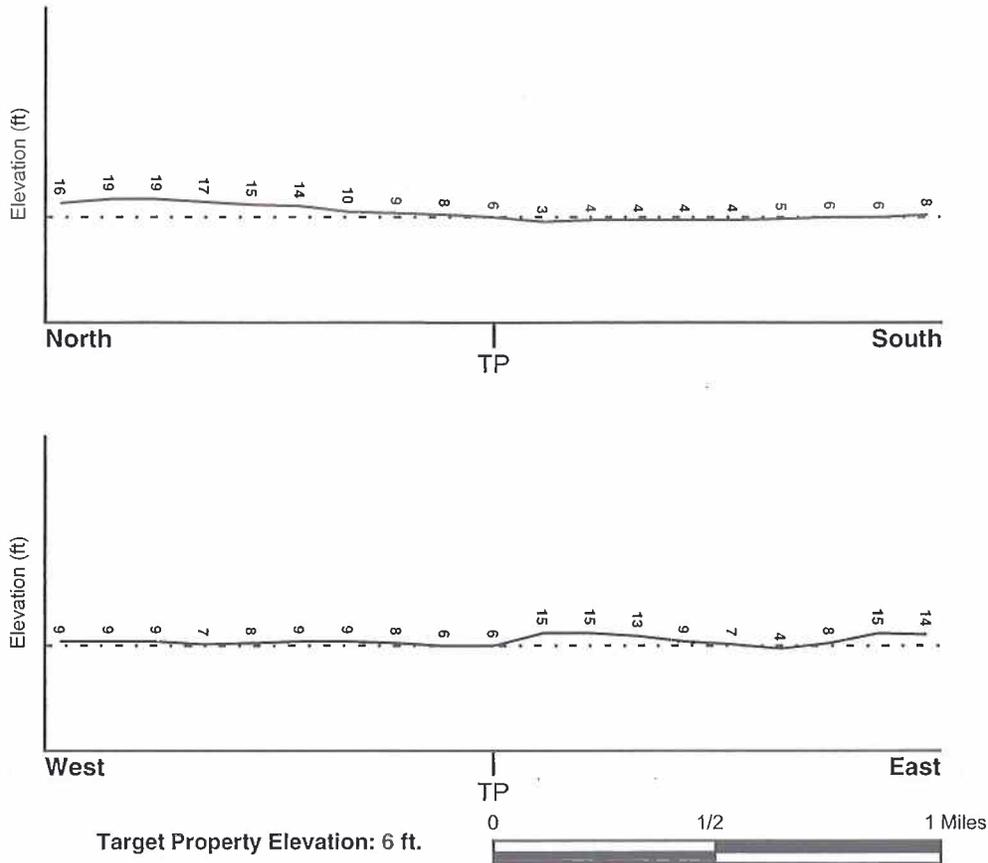
TOPOGRAPHIC INFORMATION

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 WSW

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

Target Property County
CHATHAM, GA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 13051C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
MELDRIM SE

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>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: Cenozoic
System: Quaternary
Series: Holocene
Code: Qh (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: OSIER

Soil Surface Texture: fine sand

Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly. Soils may have a saturated zone, a layer of low hydraulic conductivity, or seepage. Depth to water table is less than 1 foot.

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	8 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 3.60
2	8 inches	48 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 3.60
3	48 inches	75 inches	coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 20.00	Max: 6.00 Min: 3.60

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: loamy sand

Surficial Soil Types: loamy sand

Shallow Soil Types: fine sand

Deeper Soil Types: sand
sandy clay loam
fine sand

LOCAL / REGIONAL WATER AGENCY RECORDS

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	USGS2280555	1/2 - 1 Mile East
B5	USGS2280571	1/2 - 1 Mile NW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

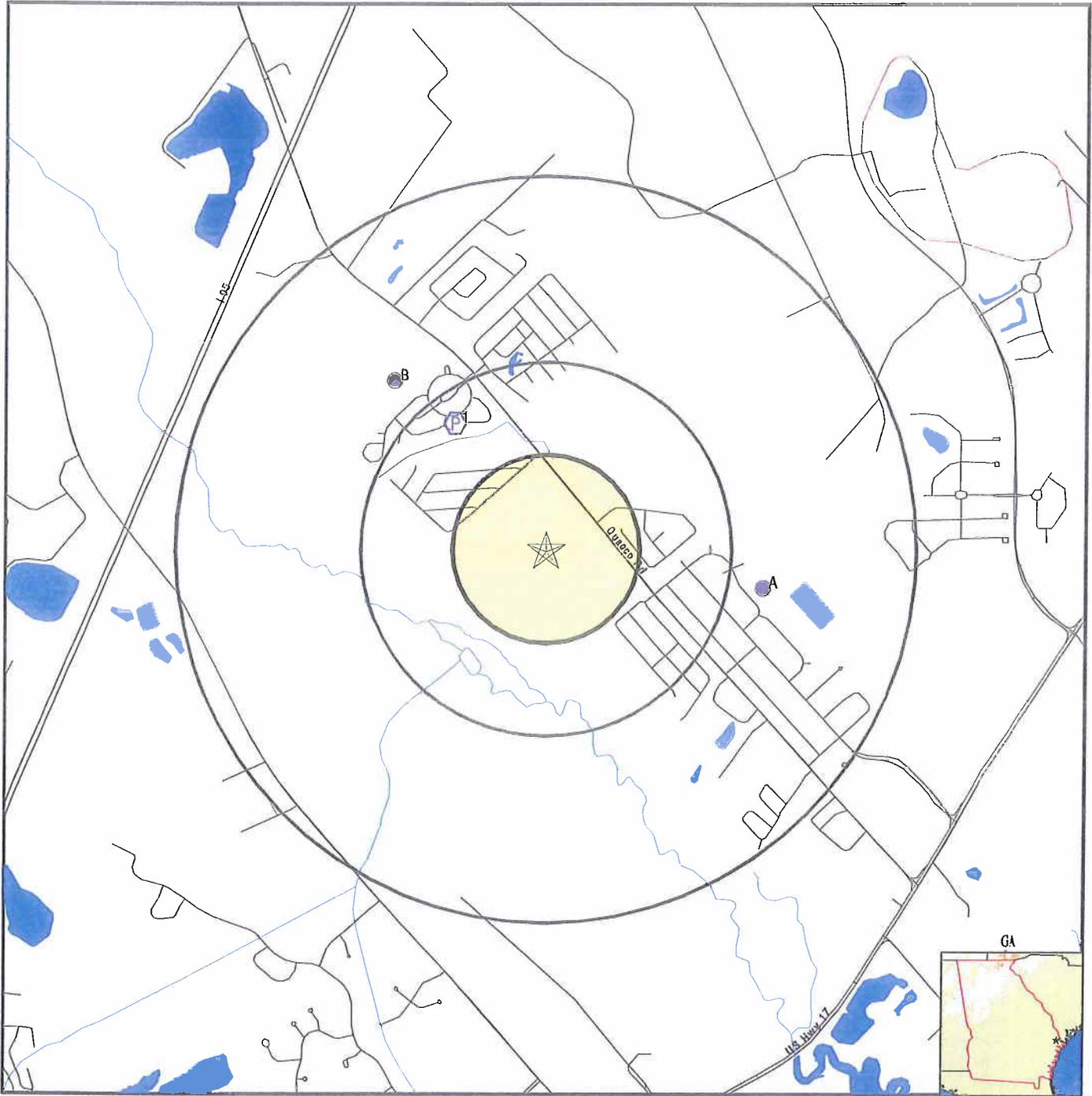
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	GA0510034	1/4 - 1/2 Mile NW

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>
A2	0000001714	1/2 - 1 Mile East
B4	0000001746	1/2 - 1 Mile NW

PHYSICAL SETTING SOURCE MAP - 3313622.2s



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

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



SITE NAME: The Preserve @ Ogeechee
 ADDRESS: QUACCO RD
 Savannah GA 31419
 LAT/LONG: 32.027 / 81.2501

CLIENT: Geotechnical & Env'tl. Cons.
 CONTACT: Greta Woods
 INQUIRY #: 3313622.2s
 DATE: May 01, 2012 11:22 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
 NW
 1/4 - 1/2 Mile
 Higher

FRDS PWS GA0510034

Pwsid:	GA0510034	Epa region:	04
State:	GA	County:	Chatham
Pws name:	LARCHMONT UTILITIES		
Population Served:	11128	Pwssvconn:	5115
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Private
Facility id:	17753		
Facility name:	WELL #4 PLANT		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, post
Treatment objective:	disinfection		
Contact name:	ABBOTT, ANTHONY		
Original name:	ABBOTT, ANTHONY		
Contact phone:	912-233-3254	Contact address1:	119 W. OGLETHORPE AVE.
Contact address2:	Not Reported		
Contact city:	SAVANNAH		
Contact zip:	31401		

Pwsid:	GA0510034	Epa region:	04
State:	GA	County:	Chatham
Pws name:	LARCHMONT UTILITIES		
Population Served:	11128	Pwssvconn:	5115
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Private
Facility id:	17754		
Facility name:	WELL #5 BERWICK ENCLAVE WELL		
Facility type:	Well	Treatment process:	hypochlorination, post
Treatment objective:	disinfection		
Contact name:	ABBOTT, ANTHONY		
Original name:	ABBOTT, ANTHONY		
Contact phone:	912-233-3254	Contact address1:	119 W. OGLETHORPE AVE.
Contact address2:	Not Reported		
Contact city:	SAVANNAH		
Contact zip:	31401		

Pwsid:	GA0510034	Epa region:	04
State:	GA	County:	Chatham
Pws name:	LARCHMONT UTILITIES		
Population Served:	11128	Pwssvconn:	5115
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Private
Facility id:	17755		
Facility name:	WELL #5 PLANT BERWICK - ENCLAVE		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, post
Treatment objective:	disinfection		

**APPENDIX K:
Property Log and Information
Checklist**

PROPERTY LOG AND INFORMATION CHECKLIST

This form **MUST** be completed by the Qualified Environmental Professional who performed the Phase I and/or Phase II Reports. All entries must be fully documented and explained in the environmental reports. This form, together with all supporting documentation relating to the Phase I, must be submitted to DCA before any application can be accepted for processing.

PROPERTY LOG

Property Address: **Proposed The Preserve at Ogeechee
Quacco Road
Savannah, Chatham County, Georgia**

Developer's Name and Address: **The Preserve at Ogeechee, LLC
c/o W.H. Gross Construction Company/ICI Group, LLC
1209 East King Avenue
Kingsland, Georgia 31548
Attn: Mr. W.H. Gross**

Developer's e-mail Address: grossconstruction@whgross.com

Developer's Telephone Number: **(912) 729-3564**

Qualified Environmental Professional's Name: **Robert T. Hadden**

Qualified Environmental Professional's Telephone Number and e-mail address:
(478) 757-1606 & bhadden@geconsultants.com

Environmental Consulting Firm's Name and Address:
**Geotechnical & Environmental Consultants, Inc.
514 Hillcrest Industrial Boulevard
Macon, Georgia 31204-3472**

Date Phase I Environmental Site Assessment Completed: **May 10, 2012**

Summary of Phase I Results:

Based on the findings presented in this report, GEC found no obvious environmental concerns or risks associated with the subject property; therefore, we recommend no further study of the site at this time. **See full report for details.**

INFORMATION CHECKLIST

Check [] any information sources used to perform the Phase I Review.

1. Overall Property Description

- Building Specifications
- Zoning or Land Use Maps
- Aerial Photos (e.g., Sanborn)
- List of Commercial Tenants On-Site
- Title History
- Site Survey
- Verification of Public Water and Sewer
- Interviews with Local Fire, Health, Land Use or Environmental Officials
- Interviews with Builder, and/or Property Manager
- Review of records of local, state and federal regulatory agencies
- Review of adjacent properties
- Other (Specify): Schematic Site Plan

2. Asbestos

- Dated Building Construction or Rehabilitation Specifications
- Engineer's/Consultant's Asbestos Report
- Other (Specify): N/A – No structures exist on the property

3. Polychlorinated Biphenyls

- Utility Transformer Records
- Site Survey of Transformers: (site reconnaissance)
- Site Soil and Groundwater PCB Test Results
- Other (Specify)

4. Radon
- Water Utility Records
 - Gas Utility Records
 - On-Site Radon Test Results
 - Other (Specify) -(EPA Publication 402-R-93-030: EPA's Radon Zones Map for Georgia, September, 1993 & EDR environmental database report)
5. Underground Storage Tanks
- Oil, Motor Fuel and Waste Oil Systems Reports, EPD, LUST & ERNS Records
 - CERCLIS/RCRIS Results of Neighborhood search (within radius of one mile)
 - Site Soil and Groundwater Tests
 - Site Tank Survey
 - Other (Specify)
6. Waste Sites
- CERCLIS/RCRIS Results of Neighborhood search (within radius of one mile)
 - State EPD site lists for neighborhoods (within radius of one mile)
 - Federal Facilities Docket
 - Site Soil and Groundwater Test Results
 - Other (Specify)
7. Lead Based Paint
- Lead Paint Survey
 - Certification/Compliance Records
 - Site Soil Test Results
 - Other (Specify): N/A- No structures exist on the property.

8. Additional Hazards

- Urea Formaldehyde Foam Insulation Survey
- Interior Air Test Results
- Lead in Drinking Water Test Results (reviewed annual water quality report)
- Mold Inspection Results
- Other (Specify)

Checklist completed by: Robert T. Hadden

Name (Type or Print): **Robert T. Hadden**

Date: **May 10, 2012**

**APPENDIX L:
Proof of Insurance**



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
3/28/2012

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Griffin Insurance Agency 506 West Ward St. Douglas GA 31533	CONTACT NAME: Renee Mizell PHONE (A/C No. Ext): (912) 384-1003 FAX (A/C No.): (912) 384-8014 E-MAIL ADDRESS: renee@griffinagency.com													
	<table border="1"> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A: OWNERS INSURANCE COMPANY</td> <td></td> </tr> <tr> <td>INSURER B:</td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: OWNERS INSURANCE COMPANY		INSURER B:		INSURER C:		INSURER D:		INSURER E:		INSURER F:
INSURER(S) AFFORDING COVERAGE	NAIC #													
INSURER A: OWNERS INSURANCE COMPANY														
INSURER B:														
INSURER C:														
INSURER D:														
INSURER E:														
INSURER F:														
INSURED Geotechnical & Environmental Consultants Inc & 514 Hillcrest Industrial Blvd Macon GA 31204														

COVERAGES **CERTIFICATE NUMBER:** CL11113000746 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	X	X	47-849355	12/1/2011	12/1/2012	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> DOC	X	X	47-84935501	12/1/2011	12/1/212	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$	X		47-84935500	12/1/2011	12/1/2012	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		X	48-084348	12/1/2011	12/1/2012	<input type="checkbox"/> WC STATU-TORY LIMITS <input checked="" type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Installation			47-849355	12/1/2011	12/1/20152	\$500 ded 25,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
 CGL provides blanket additional insured by contract for both premises and products and completed operations and blanket waiver of subrogation.
 Pollution Liability is excluded from the CGL and the umbrella.
 Blanket waiver of subrogation for workers compensation applies.
 30 day notice of cancellation applies.

GEC Project No. 120315.240 - The Preserve at Ogeechee

CERTIFICATE HOLDER The Georgia Housing & Finance Authority Dept of Community Affairs 60 Executive Park S Atlanta, GA 30329	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Renee Mizell/RENEE <i>Angela R. Mizell</i>
---	--



CERTIFICATE OF LIABILITY INSURANCE

OP ID: MD

DATE (MM/DD/YYYY)

03/28/12

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Paragon Insurance Service Inc. 2945 Horizon Park Drive Ste C Suwanee, GA 30024	770-831-5669	CONTACT NAME: Gayle Holcomb
	770-831-3363	PHONE (A/C, No, Ext): 770-831-5669
		FAX (A/C, No): 770-831-3363
		E-MAIL ADDRESS: GHolcomb@Paragon-Ins.com
		PRODUCER CUSTOMER ID #: GEOTE-1
INSURED		INSURER(S) AFFORDING COVERAGE
Geotechnical & Environmental Consultants, Inc. 514 Hillcrest Industrial Blvd Macon, GA 31204		INSURER A : Endurance American Spec A XV
		INSURER B :
		INSURER C :
		INSURER D :
		INSURER E :
		INSURER F :
		NAIC # 41718

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER: 1

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY						EACH OCCURRENCE \$
	<input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
							MED EXP (Any one person) \$
							PERSONAL & ADV INJURY \$
							GENERAL AGGREGATE \$
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG \$
	<input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per accident) \$
	<input type="checkbox"/> SCHEDULED AUTOS						PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS						\$
	<input type="checkbox"/> NON-OWNED AUTOS						\$
	UMBRELLA LIAB						EACH OCCURRENCE \$
	EXCESS LIAB						AGGREGATE \$
	DEDUCTIBLE						\$
	RETENTION \$						\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						WC STATUTORY LIMITS
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						OTHER
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. EACH ACCIDENT \$
							E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$
A	Cont Pollution			ECC101004342-03	12/01/11	12/01/12	Claim/Agg 2,000,000
A	Professional Liab			ECC101004342-03	12/01/11	12/01/12	Claim/Agg 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

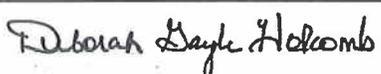
Pollution & Professional Claims Made Retro Date 12/1/99, \$50,000 Deds apply. Pollution & Professional are subject to the \$2,000,000 policy aggregate, these are not separate limits.

This certificate is revised and replaces any other certificates previously issued. **SEE ATTACHED HOLDER NOTES PAGE**

GEC Project No. 120315.240 -- The Preserve at Ogeechee

CERTIFICATE HOLDER

CANCELLATION

GEORG90 The Georgia Housing and Finance Authority 60 Executive Park South, NE Atlanta, GA 30329-2231	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
---	--

© 1988-2009 ACORD CORPORATION. All rights reserved.

NOTEPAD:

HOLDER CODE **GEORG90**
INSURED'S NAME **Geotechnical & Environmental**

GEOTE-1
OP ID: MD

PAGE 2
DATE **03/28/12**

Notwithstanding the appropriate provision of this policy, in the event cancellation of this policy is instigated by the Company for any reason except non payment of premium, the Company will provide 30 days advance notice of such cancellation to any person organization(s) whom the Named Insured agrees, in a written contract, to advance notice of cancellation endorsement #17 form # FEI-511-ECC-0708 attached to the policy, and per all terms and conditions of the policy.

**APPENDIX M:
Letters of Reference**

ARTHUR P. BARRY, III
Associate Broker / Partner



COLDWELL BANKER COMMERCIAL
EBERHARDT & BARRY
990 RIVERSIDE DRIVE
MACON, GA 31201
BUS. (478) 746-8171
TOLL FREE (800) 926-0990
FAX (478) 746-1362
abarry@coldwellbankercommercialcb.com

March 29, 2012

To Whom It May Concern
c/o Thomas E. Driver, P.E., President,
Geotechnical & Environmental Consultants, Inc.
514 Hillcrest Industrial Blvd.
Macon, Georgia 31204

Gentlemen:

I write this letter of recommendation for Tom Driver and his company, Geotechnical & Environmental Consultants, Inc. because I have worked with Tom and others at GEC for a number of years in connection with environmental issues for various clients. The work by GEC that I have observed has included environmental assessments of land, soil and groundwater sampling and analysis for various purposes, geotechnical work, contaminated properties assessment and remediation, and other environmental work. Both my clients and I have found Tom Driver and the other employees at GEC to be professionals in their field. Their reports and advice through the years have been insightful and accurate. The level of quality service is high in every regard to GEC. For this reason, Tom Driver and GEC are the only environmental consultant I recommend to my clients.

If you have any further questions concerning my experience with Tom and GEC, please contact me.

Sincerely,

A handwritten signature in cursive script that reads 'Arthur P. Barry III'.

Arthur P. Barry III, SIOR
Associate Broker/Partner

APB/mc

STATE BANK & Trust Company

April 2, 2012

To Whom It May Concern:

Please allow this letter to serve as a reference for Geotechnical and Environmental Consultants, Inc. (GEC), with whom we enjoy an excellent relationship. We have the highest level of confidence in the work prepared by GEC. They are the only provider of geotechnical and environmental services that we recommend here in the Middle Georgia area.

The company always handles its affairs in a professional and timely manner. We are happy to have partnered with GEC on prior and current jobs and look forward to doing so again in the future. If I can be of any assistance answering any questions, please contact me at 478-796-6479.

Sincerely,



Brandon Mercer
Senior Vice President



March 27, 2012

To Whom It May Concern
c/o Thomas E. Driver, P.E., President
Geotechnical & Environmental Consultants, Inc.
514 Hillcrest Industrial Blvd.
Macon, GA 31204

Gentleman:

This letter is written as a letter of recommendation for Tom Driver and Geotechnical & Environmental Consultants, Inc. NewTown Macon has worked for more than 10 years and on numerous property transactions. The work by GEC that I have observed included environmental assessment, soil, ground and water sampling, contaminated property assessments and remediation plans.

I have found that the work of GEC is very professional, complete and timely. I recommend GEC for any environmental engagement. Please let me know if you have further questions.

Sincerely,

C. Michael Ford
President and CEO

APPENDIX N:
Environmental Certification

GEC

Project Name: The Preserve at Ogeechee

Project Location: Quacco Road, Savannah, Chatham County, Georgia

Page/Sec./App.

- 11. The Georgia Housing and Finance Authority and DCA have been named as 1) additional insureds and 2) certificate holders on the Accord 25 form (the required insurance certificate) for the commercial liability insurance policy. L

- 12. A 30 day cancellation period is included on the insurance certificate. L

- 13. The Owner Environmental Questionnaire & Disclosure Statement has been completed by the current Owner of the property and included in the Phase I Report. J

- 14. The completed Phase I Documentation: DCA Property Log and Information Checklist has been completed by the Environmental Professional and included in the Phase I Report. K

- 15. If required, the HOME and HUD Environmental Questionnaire is completed and included in the Phase I Report (includes projects applying for HOME funds and projects with other HUD funding sources listed, including PBRA). R

- 16. If, in accordance with Section II.B.5.b. of the DCA standards, a noise assessment is required, then the Report includes a noise assessment which was completed in accordance with the HUD Noise Assessment Guidelines ("NAG") and 24 C.F.R § 51.100 *et seq.* (applies to all projects, whether or not HUD funds are included in the financial structure). 19/5.4.22/F

- 17. In cases of elevated noise levels, the Report includes a noise attenuation plan completed in accordance with the HUD Noise Assessment Guidelines ("NAG") and 24 C.F.R § 51.100 *et seq.* (applies to all projects, whether or not HUD funds are included in the financial structure). F

- 18. The Environmental Consultant Signature Page has been signed by the Environmental Professional, the Principal of the Consultant, and the Professional Engineer or Professional Geologist and has been stamped by the Professional Engineer or Professional Geologist. The Environmental Consultant Signature Page is included in the Phase I Report and/or Phase II Report. Second page of report

Applicant Signature

Date


Environmental Professional Signature & Stamp



6-9-12

Date

**APPENDIX O:
Consumer Confidence Report on
Water Quality**

GEC



2010 WATER QUALITY REPORT

CITY OF SAVANNAH

SAVANNAH MAIN SYSTEM JANUARY 2010 - DECEMBER 2010

Important Information About the Safety of Your Drinking Water (A message from John Sawyer, Water & Sewer Bureau Director)

The City of Savannah Water Supply and Treatment Department is pleased to report to you that the drinking water supplied by the Savannah Main Water System is safe. Water department staff pride themselves in their ability to provide you, our customer, with clean safe water. The table included in this report shows that water supplied by the Savannah Main System gets an excellent report card when compared to health standards.

All sources of drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some substances. All water sources, including rivers, lakes, reservoirs and wells, are fed by water that passes over the surface of the land or through the ground. The water dissolves naturally occurring minerals and materials. It can also pick up substances resulting from the presence of animal or human activity.

Substances that may be present in source water:

- Biological - may come from human, agriculture, or wildlife sources.
- Inorganic - can be natural, from storm run-off, or from industrial or domestic wastewater discharges.
- Pesticides and herbicides - may come from agriculture, storm runoff or residential use.
- Organic chemicals - may come from industrial or domestic processes, storm run-off or septic systems.
- Radioactive materials - can be naturally occurring or the result of mining or other human activities.

In order to ensure that tap water is safe to drink, the Environmental Protection Agency (EPA) prescribes regulations that limit the amounts of certain substances in water provided by public water systems.

As new standards are established for drinking water, the City of Savannah will add new technology in order to be able to meet the new requirements. Please adhere to the state mandated water conservation restrictions as our water is a precious resource.

Source of Water

The Savannah Main System gets its water from the Floridan aquifer. This pristine source provides the Savannah Main System with a safe and dependable supply of water. The City's Water Supply and Treatment Department has been pro-active in protecting the Floridan aquifer. A Wellhead Protection Plan has been developed and approved by EPD. There are 22 wells in the Savannah Main System, each between 414 and 1,006 feet deep, that pump water into the distribution system. The system pumped approximately 18.76 million gallons a day, to 162,384 customers, during 2010.

Treatment Process

The water pumped from the Floridan aquifer is very pure. The only treatment needed is chlorination and fluoridation. Chlorine is added to the water for disinfection purposes prior to entering the distribution system. Fluoride is added to the water to enhance dental formation.

About City of Savannah Water Supply and Treatment

Savannah's city government works under the direction of a council/ manager form of government and has since 1954. The City Council meets every other Thursday at 2:00 p.m. in the Council Chambers on the second floor of City Hall, located at Two East Bay Street. These meetings are open to the public.

The City of Savannah has established a water conservation program. Information about this program or the state mandated water restrictions is available to anyone interested in conserving water, our most precious resource. The Water Conservation office is located at 6 Lower East Bay Street (Engineering) and can be reached by telephone at 912-651-2221.

Water Conservation has also established a Groundwater Guardian Team. If you are interested in learning more about this volunteer group, please call the Water Conservation office.

The City of Savannah Water Supply and Treatment Department business hours are from 8:00 a.m. until 5:00 p.m. Monday through Friday. The customer service and 24 hour a day emergency telephone number is 912-964-0698. If you did not receive a copy of this report and you would like to be added to our mailing list, please contact us at one of the telephone numbers above.

For additional information about the quality of your drinking water call - City of Savannah Water Supply and Treatment Department - 912-964-0698. Billing information call 912-651-6460.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (1-800-426-4791).

Additional Information: WEB sites with information about water quality
<http://www.epa.gov/ow> <http://www.dnr.state.ga.us> <http://www.awwa.org>
<http://www.ci.savannah.ga.us> <http://www.thempc.org/waterresources>

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA /Center for Disease Control guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

The City of Savannah Water Laboratory performed more than 134,000 tests and procedures during 2010 to ensure water quality. Tests have been made on more than 160 water quality parameters. The City has met all sampling and reporting requirements. The following table lists all detected substances that require monitoring.

DRINKING WATER ANALYSIS Savannah Main System

Regulated Substances

Substance Tested and Detected	Unit	Goal MCLG	Detected Parameters			Is It Safe? (Does It Meet Standards?)	Probable Source
			Maximum Allowed MCL	Amount Detected	Range of Detection		
Chlorine	ppm	MRDLG =4	MRDL=4	2.19	0.09-2.19	Yes	Water additive used to control microbes
Fluoride ²	ppm	4	4	0.85	0.85	Yes	Erosion of natural deposits: water additive which promotes strong teeth
Copper ¹	ppm	1.3	AL=1.3	0.043 (90 th Percentile)	No sample > AL	Yes	Corrosion of household plumbing
Lead ¹	ppb	0	AL=15	2.5 (90 th Percentile)	No sample > AL	Yes	Corrosion of household plumbing
Total Coliform Bacteria		0	Presence of coliform bacteria in >5% of monthly samples	1.5%	NA	Yes	Naturally present in the environment
TTHM's (Total Trihalomethanes)	ppb	0	100	1.9	ND - 1.9	Yes	Byproduct of water chlorination
Total Xylenes ³	ppb	10,000	10,000	0.63	ND - 5.0	Yes	Byproduct of petroleum

¹ Copper and lead are the only two substances monitored at the customer's tap. ² Sampled in 2007
³ Sampled in 2009.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Savannah is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at <http://www.epa.gov/safewater/lead>.

Symbol, Acronym, or Note	Definition
AL	<i>Action Level:</i> The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
MCL	<i>Maximum Contaminant Level:</i> The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
MCLG	<i>Maximum Contaminant Level Goal:</i> The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
>	Greater than
ppm	<i>Parts Per Million:</i> 1 part per 1,000,000 (same as milligrams per liter) and corresponds to 1 minute in 2 years or 1 penny in \$10 thousand.
ppb	<i>Parts Per Billion:</i> 1 part per 1,000,000,000 (same as micrograms per liter) and corresponds to 1 minute in 2,000 years or 1 penny in \$10 million.
90 th Percentile	Level used to determine compliance

Additional Testing, Research and Partnerships

The City of Savannah Water Supply and Treatment Department performs thousands of water quality tests each year in addition to those required by the U.S. Environmental Protection Agency (EPA) and the State of Georgia's Environmental Protection Division (EPD). This pro-active approach ensures that our customers receive the highest quality drinking water.

Water Supply and Treatment also benefits from millions of dollars of research and professional operations development through its memberships in national and state professional organizations such as the American Water Works Association, Georgia Water and Pollution Control Association, Georgia Rural Water Association and Groundwater Guardian.

Further evidence of the efforts by the City of Savannah Water Supply and Treatment Department's employees to provide quality water to you, our customers, is the excellent rating received from the Environmental Protection Department's Multi-media Inspection.

APPENDIX P:
Endangered Species Documentation

GEC



WILDLIFE RESOURCES DIVISION

Known occurrences of special concern plants, animals and natural communities Chatham County — Fips Code: 13051

Find details for these species at [Georgia Rare Species and Natural Community Data](#) and [NatureServe Explorer](#).

[US] indicates species with federal status (Protected or Candidate).
Species that are federally protected in Georgia are also state protected.
[GA] indicates Georgia protected species.
 link to species profile on our site (not available for all species).
 link to report for element on NatureServe Explorer (only available for animals and plants).

Animal Occurrences

- ❑ *Acipenser brevirostrum* (Shortnose Sturgeon) [US] - fish
- ❑ *Acipenser oxyrinchus oxyrinchus* (Atlantic Sturgeon) - fish
- ❑ *Ambystoma cingulatum* (Frosted Flatwoods Salamander) [US] - amphibian
- ❑ *Ammodramus maritimus* (Seaside Sparrow) - bird
- ❑ *Caretta caretta* (Loggerhead Sea Turtle) [US] - reptile
- ❑ *Charadrius melodus* (Piping Plover) [US] - bird
- ❑ *Charadrius wilsonia* (Wilson's Plover) [GA] - bird
- ❑ *Chelonia mydas* (Green Sea Turtle) [US] - reptile
- ❑ *Clemmys guttata* (Spotted Turtle) [GA] - reptile
- ❑ *Crotalus adamanteus* (Eastern Diamond-backed Rattlesnake) - reptile
- ❑ *Dermodochelys coriacea* (Leatherback Sea Turtle) [US] - reptile
- ❑ *Elanoides forficatus* (Swallow-tailed Kite) [GA] - bird
- ❑ *Elassoma okatie* (Bluebarred Pygmy Sunfish) [GA] - fish
- ❑ *Eubalaena glacialis* (Northern Atlantic Right Whale) [US] - mammal
- ❑ *Gopherus polyphemus* (Gopher Tortoise) [US] - reptile
- ❑ *Haematopus palliatus* (American Oystercatcher) [GA] - bird
- ❑ *Haliaeetus leucocephalus* (Bald Eagle) [GA] - bird
- ❑ *Himantopus mexicanus* (Black-necked Stilt) - bird
- ❑ *Lanius ludovicianus migrans* (Migrant Loggerhead Shrike) - bird
- ❑ *Lasiurus intermedius* (Northern Yellow Bat) - mammal
- ❑ *Lepidochelys kempii* (Kemp's or Atlantic Ridley) [US] - reptile
- ❑ *Malaclemys terrapin* (Diamondback Terrapin) [GA] - reptile
- ❑ *Moxostoma robustum* (Robust Redhorse) [GA] - fish
- ❑ *Mycteria americana* (Wood Stork) [US] - bird
- ❑ *Nyctanassa violacea* (Yellow-crowned Night-heron) - bird
- ❑ *Nycticorax nycticorax* (Black-crowned Night-heron) - bird
- ❑ *Passerina ciris* (Painted Bunting) - bird
- ❑ *Picoides borealis* (Red-cockaded Woodpecker) [US] - bird
- ❑ *Pseudacris brimleyi* (Brimley's Chorus Frog) - amphibian
- ❑ *Pseudorca crassidens* (False Killer Whale) - mammal
- ❑ *Rana capito* (Gopher Frog) [GA] - amphibian
- ❑ *Rynchops niger* (Black Skimmer) [GA] - bird
- ❑ *Stereochilus marginatus* (Many-lined Salamander) - amphibian
- ❑ *Sternula antillarum* (Least Tern) [GA] - bird
- ❑ *Toxolasma pullus* (Savannah Lilliput) [GA] - mollusk
- ❑ *Trichechus manatus* (Manatee) [US] - mammal
- ❑ *Tyto alba* (Barn owl) - bird
- ❑ *Umbra pygmaea* (Eastern Mudminnow) - fish

Community Occurrences

- Acer rubrum* - *Nyssa biflora* - (*Liquidambar styraciflua*, *Fraxinus* sp.) Maritime Swamp Forest (Maritime Swamp Forest)
- Baccharis halimifolia* - *Iva frutescens* - *Morella cerifera* - (*Ilex vomitoria*) Shrubland (Groundsel-tree - Maritime Marsh-elder - Wax-myrtle - (Yaupon) Shrubland)
- Cakile edentula* ssp. *harperi* Sparse Vegetation (South Atlantic Upper Ocean Beach)
- Cladium mariscus* ssp. *jamaicense* - *Woodwardia virginica* Herbaceous Vegetation (Sawgrass Head)
- Fagus grandifolia* - *Magnolia grandiflora* / *Ilex opaca* - (*Persea borbonia*) / *Mitchella repens* Forest (Atlantic Coastal Plain Acidic Loam Beech - *Magnolia* Forest)
- Gordonia lasianthus* - *Magnolia virginiana* - *Persea palustris* / *Sphagnum* spp. Forest (Loblolly-bay Forest)
- Juniperus virginiana* var. *silicicola* - (*Quercus virginiana*, *Sabal palmetto*) Forest (Cedar - Live Oak - Cabbage Palmetto Marsh Hammock)
- Juniperus virginiana* var. *silicicola* - *Zanthoxylum clava-herculis* - *Quercus virginiana* - (*Sabal palmetto*) / *Sageretia minutiflora* - (*Sideroxylon tenax*) Woodland (Coastal Red-cedar - Toothache-tree - Live Oak - (Cabbage Palmetto) / Small-flower Mock Buckthorn - (Tough Bumelia) Woodland)
- Liquidambar styraciflua* - *Acer rubrum* - (*Nyssa biflora*) / *Woodwardia virginica* Forest (No common name available)
- Morella cerifera* / *Spartina patens* - (*Juncus roemerianus*) Shrubland (Atlantic Coast Interdune Swale)
- Muhlenbergia filipes* - *Spartina patens* - *Eustachys petraea* Herbaceous Vegetation (No common name available)
- Nyssa biflora* - (*Nyssa aquatica*, *Taxodium distichum*) Tidal Forest (Tidal Hardwood Swamp Forest)
- Nyssa biflora* - *Acer rubrum* var. *rubrum* / *Lyonia lucida* Forest (Sandhills Swamp Blackgum Floodplain Forest)
- Nyssa biflora* - *Acer rubrum* var. *trilobum* - *Liriodendron tulipifera* / *Ilex coriacea* - *Lyonia lucida* Forest (Sandhills Swamp Blackgum Hillside Seepage Forest)
- Nyssa biflora* - *Quercus nigra* - *Quercus laurifolia* - *Pinus taeda* / *Ilex opaca* - *Carpinus caroliniana* Forest (Swamp Blackgum - Mixed Hardwood Small Stream Forest)
- Panicum hemitomon* - *Pluchea (camphorata, rosea)* - *Ludwigia* spp. Herbaceous Vegetation (Outer Coastal Plain Maidencane Pond)
- Pinus elliotii* var. *elliottii* / *Serenoa repens* - *Ilex glabra* Woodland (Slash Pine Flatwoods)
- Pinus glabra* - *Quercus (laurifolia, michauxii, nigra)* / *Carpinus caroliniana* ssp. *caroliniana* / *Sabal minor* Forest (Coastal Plain Spruce Pine - Oak Stream Forest)
- Pinus glabra* - *Quercus virginiana* - *Carya glabra* / *Carpinus caroliniana* / *Serenoa repens* Forest (South Atlantic Swamp Island)
- Pinus palustris* / *Quercus laevis* - *Quercus incana* - *Quercus margarettiae* / *Licania michauxii* / *Aristida beyrichiana* Woodland (No common name available)
- Pinus palustris* / *Serenoa repens* - *Vaccinium myrsinites* / *Aristida beyrichiana* - *Sporobolus curtissii* Woodland (South Atlantic Coastal Plain Longleaf Flatwoods)
- Pinus serotina* / *Gordonia lasianthus* - *Persea palustris* Saturated Woodland (Pond Pine - Bay Swamp)
- Quercus falcata* - *Quercus stellata* - *Carya alba* / *Vaccinium* spp. Coastal Plain Forest (Dry Acid Eastern Coastal Plain Oak - Hickory Forest)
- Quercus geminata* / *Vaccinium arboreum* Forest (Southeastern Coastal Plain Xeric Hammock)
- Quercus hemisphaerica* - *Magnolia grandiflora* - *Carya (glabra, pallida)* / *Vaccinium arboreum* / *Chasmanthium sessiliflorum* Forest (Sand Laurel Oak - Mixed Hardwood Upland Forest)
- Quercus laurifolia* - *Quercus lyrata* / *Carpinus caroliniana* - *Persea palustris* / *Vaccinium elliotii* Forest (Atlantic Coastal Plain Blackwater River Terrace and Ridge Forest)
- Quercus laurifolia* / *Carpinus caroliniana* / *Justicia ovata* Forest (Diamondleaf Oak Bottomland Forest)
- Quercus pagoda* - *Quercus michauxii* - *Quercus alba* / *Arundinaria gigantea* ssp. *tecta* - *Sabal minor* / *Chasmanthium laxum* Forest (No common name available)
- Quercus virginiana* - (*Pinus elliotii* var. *elliottii*, *Sabal palmetto*) / *Persea borbonia* - *Callicarpa americana* Forest (Maritime Live Oak Hammock)
- Quercus virginiana* - (*Pinus taeda*) / (*Sabal minor*, *Serenoa repens*) Forest (Outer Coastal Plain Live Oak Levee Forest)
- Quercus virginiana* - *Quercus hemisphaerica* - *Pinus taeda* - *Quercus falcata* / *Ilex vomitoria* Forest (Atlantic Coastal Fringe Evergreen Forest)
- Quercus virginiana* - *Quercus nigra* - *Quercus pagoda* - *Liquidambar styraciflua* / *Sabal minor* - *Ilex vomitoria* Forest (No common name available)
- Quercus virginiana* - *Quercus pagoda* - *Magnolia grandiflora* - *Carya glabra* / *Ilex opaca* Forest (No common name available)
- Sabal palmetto* - (*Juniperus virginiana* var. *silicicola*) Woodland (No common name available)
- Sabal palmetto* / *Glyceria septentrionalis* - *Carex stipata* - *Woodwardia virginica* Woodland (Atlantic Coast Cabbage Palmetto Dune Swale)
- Salix caroliniana* Temporarily Flooded Shrubland (Carolina Willow Shrubland)
- Schoenoplectus americanus* - *Spartina patens* Herbaceous Vegetation (Transitional Tidal Marsh)
- Spartina bakeri* - *Kosteletzkya virginica* Herbaceous Vegetation (No common name available)
- Spartina bakeri* - *Woodwardia virginica* - *Saccharum giganteum* Herbaceous Vegetation (South Atlantic Coastal Pond)
- Spartina cynosuroides* Herbaceous Vegetation (Atlantic Giant Cordgrass Marsh)
- Taxodium distichum* - *Nyssa aquatica* - *Nyssa biflora* / *Fraxinus caroliniana* / *Itea virginica* Forest (Atlantic Coastal Plain Bald-cypress - Water Tupelo Blackwater Small Stream Swamp Forest)
- Uniola paniculata* - *Hydrocotyle bonariensis* Herbaceous Vegetation (No common name available)

Other Occurrences

- Wading Bird Colony (Wading Bird Colony)

Plant Occurrences

- Acacia farnesiana* (Sweet Acacia) 🌳
- Amorpha georgiana* var. *georgiana* (Georgia Indigo-bush) 🌳
- Forestiera segregata* (Florida Wild Privet) [GA] 🌳 🌳
- Hibiscus grandiflorus* (Swamp Hibiscus) 🌳
- Illicium parviflorum* (Yellow Anise-tree) 🌳

- *Lindera melissifolia* (Pond Spicebush) [US]
- *Physostegia leptophylla* (Narrowleaf Obedient Plant)
- *Rhynchospora punctata* (Pineland Beaksedge)
- *Sageretia minutiflora* (Climbing Buckthorn) [GA]
- *Sapindus marginatus* (Soapberry) [GA]
- *Sarracenia minor* var. *minor* (Hooded Pitcherplant) [GA]
- *Scutellaria mellichampii* (Mellichamp's Skullcap)
- *Sporobolus pinetorum* (Pineland Dropseed)
- *Vigna luteola* (Wild Yellow Cowpea)

Generated from Georgia DNR's NatureServe Biotics conservation database on October 12, 2011



Wilson's



Plover

Piping Plover



Frosted Flatwoods Salamander

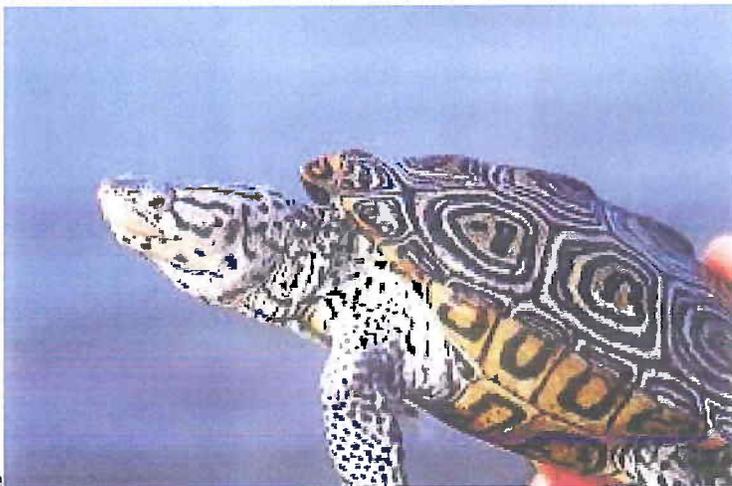


© Brian E. Small

Swallow-Tailed Kite



Gopher



Tortoise

Diamondback Terra



Wood Stork



Red-Cockaded Woodpecker



Gopher Frog



Spotted Turtle



Bald Eagle



Florida Wild Privet



Pond Spice



Buckthorn

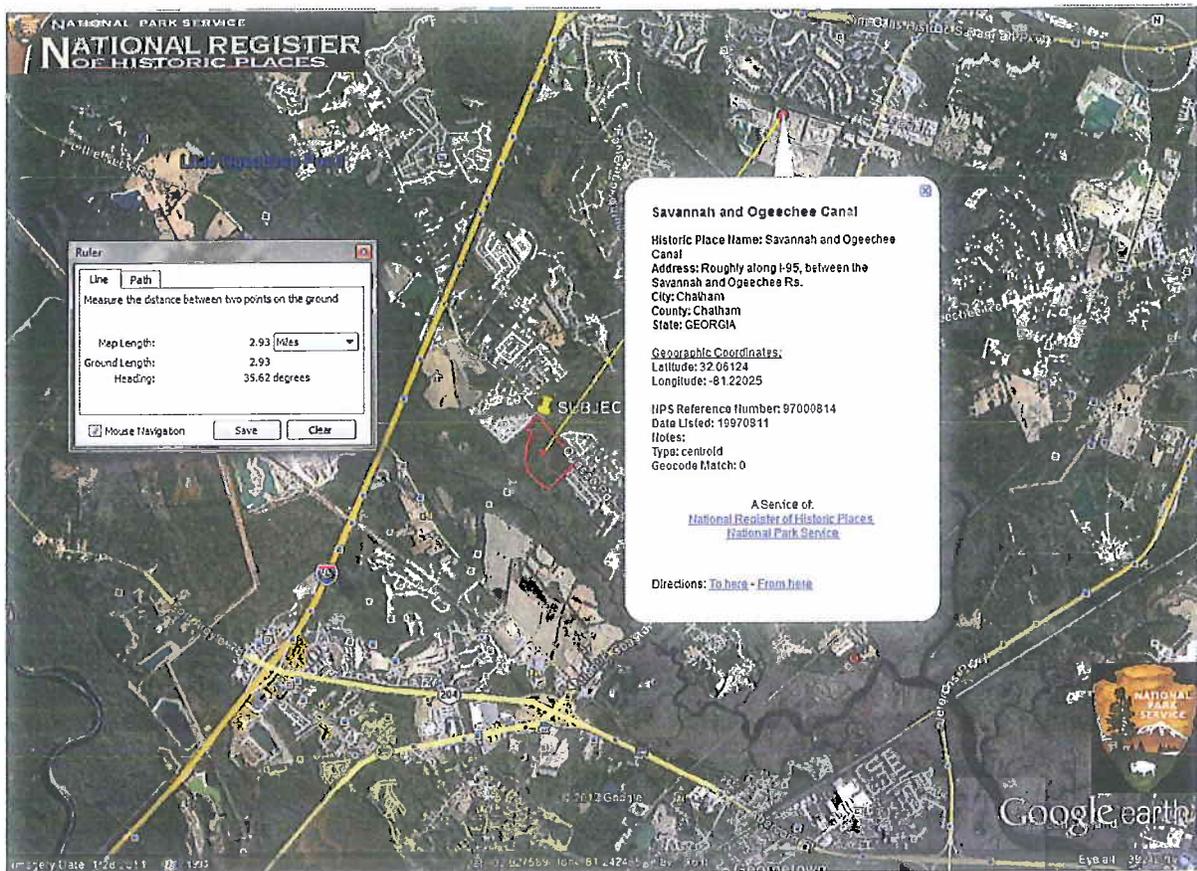


Soapberry

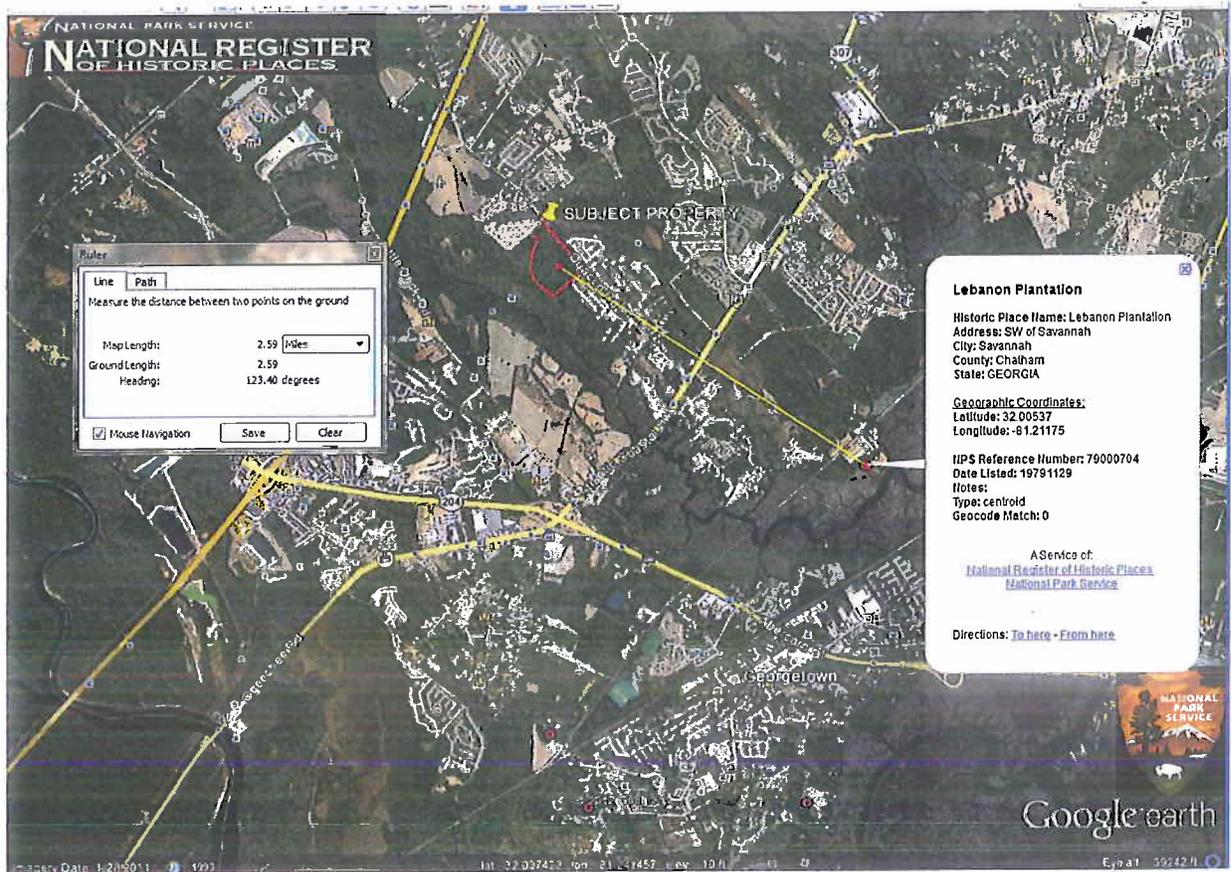


Hooded Pitcher Plant

**APPENDIX Q:
SHPO Review Documentation**



Savannah and Ogeechee Canal 2.93 miles from subject property



Lebanon Plantation 2.59 miles from subject property

**Not Applicable – SHPO Review was not needed for this DCA Phase I
ESA.**

GEC

APPENDIX R:
Additional HOME Requirements

**Not Applicable – HOME & HUD Environmental Questionnaire was not
needed for this DCA Phase I ESA.**

GEC

APPENDIX S:
Operation and Maintenance
Manual

GEC

**Not Applicable – Operation and Maintenance Manual was not needed
for this DCA Phase I ESA.**

GEC

**APPENDIX T:
Previous Reports**

Not Applicable – No previous Phase I or Phase II Environmental Report/s was/were available, provided, or reviewed for this DCA Phase I ESA.

GEC

APPENDIX U:
Other

GEC

Not Applicable – Other Documentation, including Phase II ESA, was not needed for this DCA Phase I ESA.

GEC