



June 7, 2012

Mr. Butch Richardson
c/o The Olympia Group
404 E. McKinney Ave.
Albertville, AL 35950

SUBJECT: Wetland & Floodplain Evaluation Letter
Heritage Trace
Cascade Palmetto Highway
Palmetto, Fulton County, Georgia
GEC Job #120312.240

Dear Mr. Richardson:

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, during GEC's site reconnaissance on May 3, 2012 wetlands were observed on the subject property.

On May 30, 2012 approximately 0.04 acres of wetlands were observed on the northeast portion of the subject property. According to the attached site plan, a 100-foot undisturbed buffer will be placed around the wetland area and no impacts to this area are anticipated.

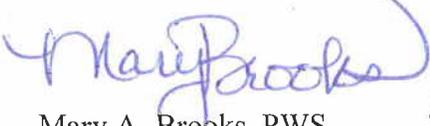
The subject property is found on Fulton County, Georgia Flood Insurance Rate Map Panel 441 of 490 (13121C0441E) dated June 22, 1998. According to the FIRM map, the subject property is located in Zone X-white, which is defined as areas determined to be outside the 500-year floodplain. GEC, therefore, 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,

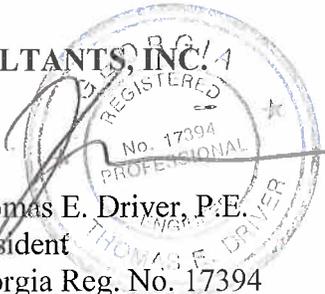
GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS, INC.



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

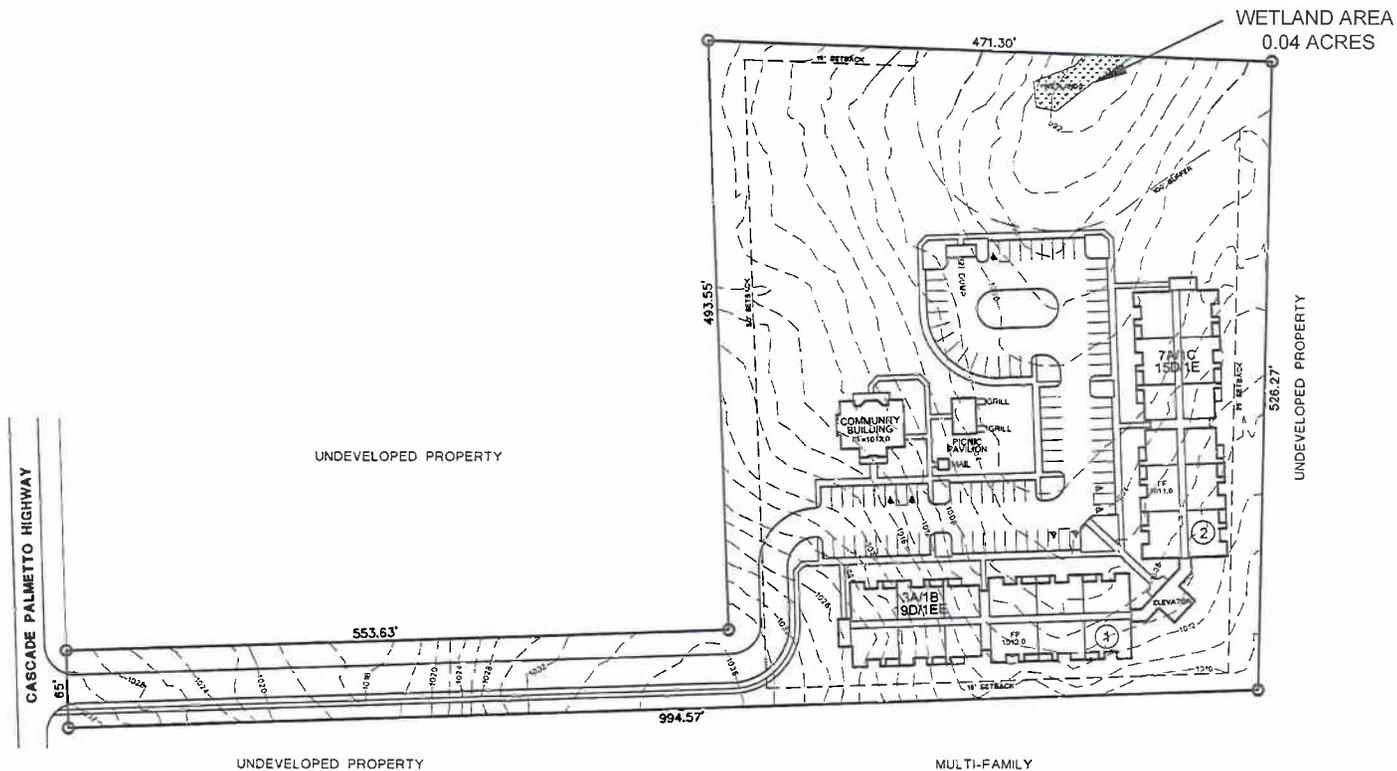


**National Wetlands Inventory (NWI) Map
Proposed Heritage Trace
Palmetto, Fulton County, Georgia
GEC Project No. 120312.240
Approximate Scale: 1"=600'
Source: U.S. Fish & Wildlife Service**

GEC

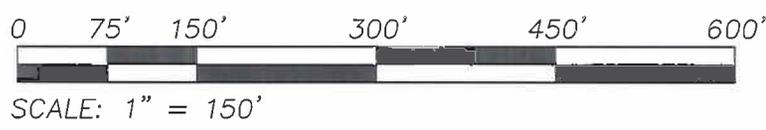
GEOTECHNICAL & ENVIRONMENTAL
CONSULTANTS, INC.

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



LEGEND:

WETLAND AREA: 

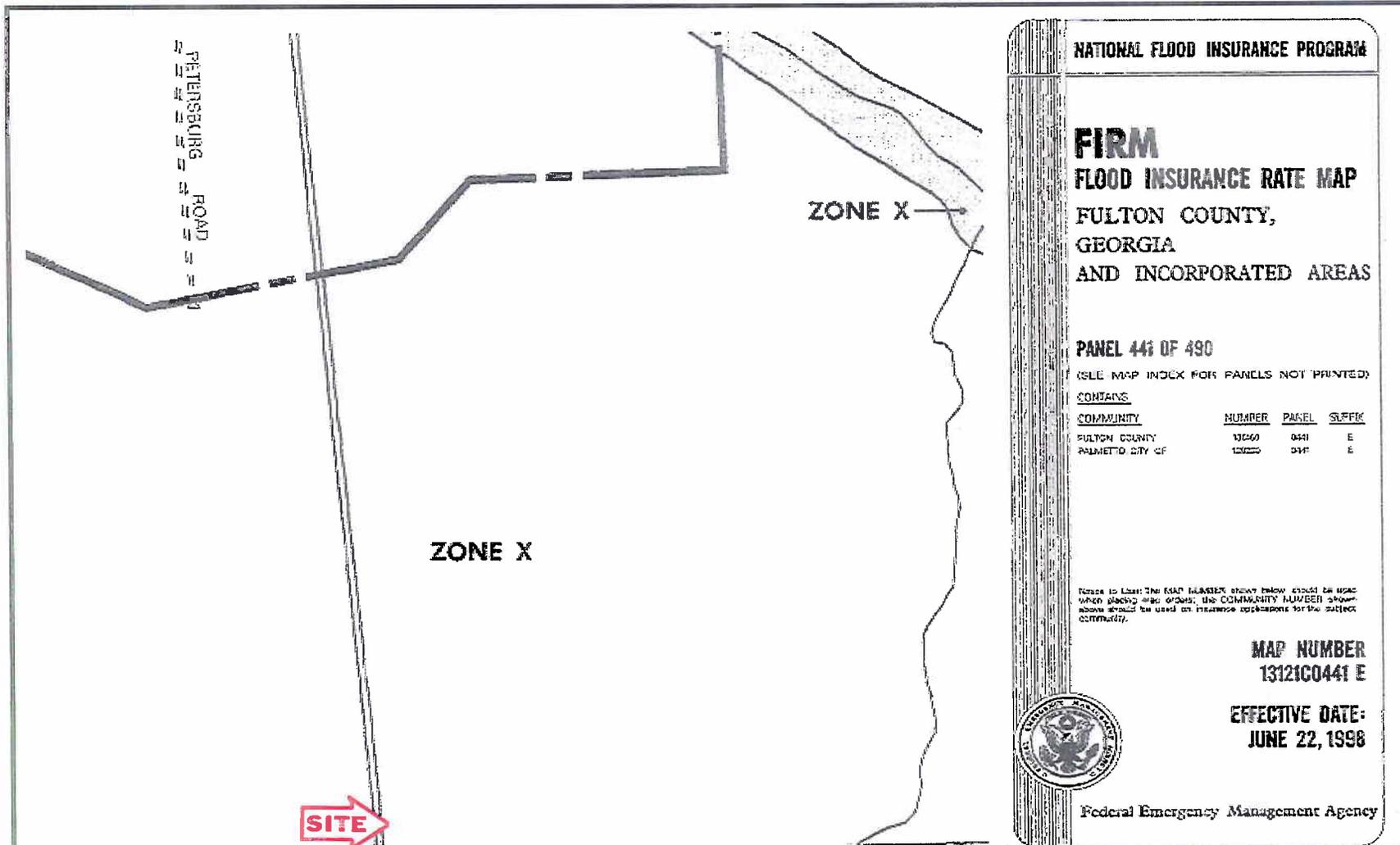


Wetland Delineation
Heritage Trace
Palmetto, Fulton County, Georgia
GEC Project No. 120312.240
Scale: 1"=150'

Source: McKean & Associates Architects

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



Flood Insurance Rate Map (FIRM)
Proposed Heritage Trace
Palmetto, Fulton County, Georgia
GEC Project No. 120312.240
Approximate Scale: 1"=555'
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 INUNDATED BY 100-YEAR 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 A99** To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations determined.
- ZONE V** Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.

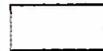


FLOODWAY AREAS IN ZONE AE



OTHER FLOOD AREAS

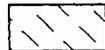
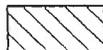
- ZONE X** Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.



OTHER AREAS

- ZONE X** Areas determined to be outside 500-year floodplain.
- ZONE D** Areas in which flood hazards are undetermined.

UNDEVELOPED COASTAL BARRIERS*



APPROXIMATE SCALE



| | | |
|--------------------|-----------------------------|------------------------------|
| Identified 1983 | Identified 1990 or Later | Out Protec Ide 1991 |
|--------------------|-----------------------------|------------------------------|

*Coastal barrier areas are normally located within or adjacent to Hazard Areas.

----- Floodplain Boundary

----- Floodway Boundary

----- Zone D Boundary

Boundary Dividing Special Flood Zones, and Boundary Dividing Different Coastal Base Flood Elevation Special Flood Hazard Zones.

~~~~~ 513 ~~~~~ Base Flood Elevation Line; Elevation

Cross Section Line

(EL. 987) Base Flood Elevation in Feet Within Zone\*\*

RM7 X Elevation Reference Mark

o M1.5 River Mile

\*\*Referenced to the National Geodetic Vertical Datum of 1929

MAP REPOSITORY

Refer to Repository Listing on Map Index

EFFECTIVE DATE OF COUNTYWIDE  
FLOOD INSURANCE RATE MAP  
JUNE 22, 1998

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

Refer to the FLOOD INSURANCE RATE MAP effective date shown to determine when actuarial rates apply to structures in the zones shown or depths have been established.

To determine if flood insurance is available in this community, insurance agent or call the National Flood Insurance Program at 1-800-358-7777.

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](http://www.msc.fema.gov)

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**PROPOSED HERITAGE TRACE  
PALMETTO CASCADE HIGHWAY/STATE HIGHWAY 154  
PALMETTO, FULTON COUNTY, GEORGIA  
GEC JOB #120312.240**

PREPARED FOR

**HERITAGE TRACE, L.P.  
C/O OLYMPIA CONSTRUCTION, INC.  
404 E. MCKINNEY AVENUE  
ALBERTVILLE, ALABAMA 35950  
ATTN: MR. BUTCH RICHARDSON**

PREPARED BY

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

ISSUE DATE

**JUNE 8, 2012**

**GEC**

ENVIRONMENTAL CONSULTANT SIGNATURE PAGE FOR PHASE I REPORTS

June 8, 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.

6/8/12  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
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 Heritage Trace development east of Palmetto Cascade Highway/State Highway 154, Palmetto, 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).

6/8/12  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Mary A. Brooks  
Environmental Professional/  
Senior Environmental Specialist

6/8/12  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Jon A. Spaller, P.G.  
Senior Geologist  
Ga. Reg. #710



GEC

# TABLE OF CONTENTS

PROPOSED HERITAGE TRACE  
PALMETTO CASCADE HIGHWAY/STATE HIGHWAY 154  
PALMETTO, FULTON COUNTY, GEORGIA  
GEC JOB #120312.240

|                                                                          | PAGE #   |
|--------------------------------------------------------------------------|----------|
| <b>1.0 EXECUTIVE SUMMARY</b>                                             | <b>1</b> |
| 1.1 Location & Legal Description of Property                             | 2        |
| 1.2 Environmental Concerns & Conclusions                                 | 2        |
| 1.2.1 On-Site                                                            | 2        |
| 1.2.2 Off-Site                                                           | 3        |
| 1.3 Recommendations                                                      | 3        |
| 1.3.1 On-Site                                                            | 3        |
| 1.3.2 Off-Site                                                           | 3        |
| <b>2.0 INTRODUCTION</b>                                                  | <b>3</b> |
| 2.1 Background                                                           | 3        |
| 2.2 Procedures                                                           | 3        |
| 2.3 Significant Assumptions                                              | 4        |
| 2.4 Qualifications of Personnel/Documentation of Qualifications as an EP | 4        |
| 2.5 Assessment of Specialized Knowledge or Experience of User &/or EP    | 5        |
| 2.6 Limitations & Exceptions                                             | 5        |
| 2.7 Special or Additional Conditions or Contract Terms                   | 6        |
| <b>3.0 SITE SETTING</b>                                                  | <b>6</b> |
| 3.1 General Description of Site & Vicinity                               | 6        |
| 3.1.1 Current Site Use & Description                                     | 6        |
| 3.1.2 Current Uses of Adjoining Properties                               | 6        |
| 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                                                        | 7        |
| 3.3 Wetlands                                                             | 8        |
| 3.4 Flood Plain/Floodway                                                 | 8        |
| 3.5 State Waters                                                         | 8        |
| 3.6 Endangered Species                                                   | 8        |
| <b>4.0 REGULATORY INFORMATION</b>                                        | <b>8</b> |
| 4.1 Data Review                                                          | 8        |
| 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                                          | 10       |
| 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                          | 11       |
| 4.1.2.5 Local Land Records (for activity & use limitations)              | 11       |
| 4.1.2.6 Records of Emergency Release Reports                             | 11       |
| 4.1.2.7 Records of Contaminated Public Wells                             | 11       |
| 4.1.2.8 Planning Department Records                                      | 11       |

## TABLE OF CONTENTS (cont'd)

### PROPOSED HERITAGE TRACE PALMETTO CASCADE HIGHWAY/STATE HIGHWAY 154 PALMETTO, FULTON COUNTY, GEORGIA GEC JOB #120312.240

|           |                                                                   |    |
|-----------|-------------------------------------------------------------------|----|
| 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)                           | 12 |
| 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                             | 13 |
| 4.2.4     | Local Groundwater Use Permit Agency Official                      | 13 |
| 4.3       | Interviews                                                        | 13 |
| 4.3.1     | Current Key Site Manager, Occupants, or Owner of Property         | 13 |
| 4.3.2     | Current Owners or Occupants of Neighboring Properties             | 14 |
| 4.3.3     | Past Owners, Occupants, or Operators of Property                  | 14 |
| 4.3.4     | User(s)                                                           | 14 |
| 4.3.4.1   | Title Records                                                     | 14 |
| 4.3.4.2   | Environmental Liens                                               | 15 |
| 4.3.4.3   | Specialized Knowledge of User                                     | 15 |
| 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                                            | 16 |
| 5.1       | Site Reconnaissance Methodology & Limiting Conditions             | 16 |
| 5.2       | General Site Setting                                              | 16 |
| 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                                                 | 17 |
| 5.4.4     | Solid Waste                                                       | 17 |
| 5.4.5     | Sewage Disposal/Septic Tanks                                      | 17 |
| 5.4.6     | Hydraulic Equipment                                               | 17 |
| 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    | Fits, Ponds, Lagoons, & Surface Waters                            | 17 |
| 5.4.12    | Stressed Vegetation                                               | 18 |
| 5.4.13    | Stained Soil or Pavement                                          | 18 |
| 5.4.14    | Odors                                                             | 18 |
| 5.4.15    | Utilities/Roadway Easements                                       | 18 |
| 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)

### PROPOSED HERITAGE TRACE PALMETTO CASCADE HIGHWAY/STATE HIGHWAY 154 PALMETTO, FULTON COUNTY, GEORGIA GEC JOB #120312.240

|                                                           |    |
|-----------------------------------------------------------|----|
| 5.4.19 Lead-Based Paint                                   | 18 |
| 5.4.20 Lead in Drinking Water                             | 18 |
| 5.4.21 Radon                                              | 19 |
| 5.4.22 Noise                                              | 19 |
| 5.4.23 Vapor Encroachment Screening                       | 20 |
| 5.4.24 Other Site Reconnaissance Issues                   | 21 |
| 5.5 Past Site Use                                         | 21 |
| 5.5.1 Recorded Land Title Records                         | 21 |
| 5.5.2 Environmental Liens                                 | 22 |
| 5.5.3 Activity & Use Limitations                          | 22 |
| 5.5.4 Aerial Photographs & Topographic Maps               | 22 |
| 5.5.5 Sanborn Fire Insurance Maps                         | 23 |
| 5.5.6 City Directories                                    | 23 |
| 5.5.7 Previous Environmental Studies                      | 23 |
| 5.5.8 Other                                               | 23 |
| 5.6 Current Surrounding Land Use                          | 24 |
| 5.6.1 North                                               | 24 |
| 5.6.2 East                                                | 24 |
| 5.6.3 South                                               | 24 |
| 5.6.4 West                                                | 24 |
| 5.7 Past Surrounding Land Use                             | 24 |
| 5.7.1 North                                               | 24 |
| 5.7.2 East                                                | 24 |
| 5.7.3 South                                               | 24 |
| 5.7.4 West                                                | 25 |
| 5.8 Historic Preservation                                 | 25 |
| 6.0 DATA GAPS                                             | 25 |
| 6.1 Identification of Data Gaps                           | 25 |
| 6.2 Sources of Information Consulted to Address Data Gaps | 26 |
| 6.3 Significance of Data Gaps                             | 26 |
| 7.0 ENVIRONMENTAL CONCERNS                                | 26 |
| 7.1 On-Site                                               | 26 |
| 7.2 Off-Site                                              | 26 |
| 8.0 CONCLUSIONS & RECOMMENDATIONS                         | 26 |
| 8.1 On-Site                                               | 28 |
| 8.2 Off-Site                                              | 28 |
| 9.0 DATA REFERENCES                                       | 28 |
| 10.0 VALUATION REDUCTION                                  | 29 |
| 10.1 Purchase Price                                       | 29 |
| 10.2 Interview of Broker regarding Market Value           | 29 |
| 10.3 Differential between Purchase Price & Market Value   | 29 |
| 10.4 Environmental Reasons for any Differential           | 29 |

## TABLE OF CONTENTS (cont'd)

### PROPOSED HERITAGE TRACE PALMETTO CASCADE HIGHWAY/STATE HIGHWAY 154 PALMETTO, FULTON COUNTY, GEORGIA GEC JOB #120312.240

#### APPENDICES

##### APPENDIX A: FIGURES & MAPS

|            |                                       |
|------------|---------------------------------------|
| Figure 1:  | U.S.G.S. Topographic Map              |
| Figure 2:  | National Wetlands Inventory (NWI) Map |
| Figure 2B: | Wetland Delineation 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, 1972, 1960, 1955, 1942, & 1938) |
| Environmental Data Resources (EDR) Sanborn Map Report                                               |
| EDR Historical Topographic Maps                                                                     |
| EDR-City Directory Abstract                                                                         |

##### APPENDIX D: DOCUMENTATION FROM TITLE COMPANY/TITLE PROFESSIONAL

|                                                                |
|----------------------------------------------------------------|
| Fulton 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 Letter               |
| Water and Sewerage Authority letter    |
| Electrical Service Availability Letter |

**TABLE OF CONTENTS (cont'd)**

**PROPOSED HERITAGE TRACE  
PALMETTO CASCADE HIGHWAY/STATE HIGHWAY 154  
PALMETTO, FULTON COUNTY, GEORGIA  
GEC JOB #120312.240**

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

**Resume: JON A. SPALLER, P.G.**

**Resume: MARY A. BROOKS**

**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. Butch Richardson with Olympia Construction, Inc. retained Geotechnical & Environmental Consultants, Inc. (GEC) on behalf of Heritage Trace, L.P. to perform a Phase I Environmental Site Assessment (ESA) on the 6.5-Acre proposed Heritage Trace site located east of Palmetto Cascade Highway/State Highway 154, north of Roosevelt Highway, and west of Walnut Way in the City of Palmetto, Fulton County, Georgia. GEC is not affiliated with Mr. Richardson; Olympia Construction, Inc.; Heritage Trace, L.P., or the seller 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 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 and aerial photographs, the subject property has been historically undeveloped wooded/agricultural land on the reviewed 1938 to 2011 aerial photographs. The 1938 to 1972 aerial photographs show the site vicinity as mostly undeveloped

wooded/agricultural land with residential properties scattered within the site vicinity. Residential and/or commercial development appears mostly to the southwest of the subject site beginning on the 1988 aerial photograph. Residential development appears bordering the subject site to the south and infrastructure for a development appears bordering the subject site to the east on the 2005 to 2006 aerial photographs. Residential properties appear northeast of the subject site on the 2007 aerial photograph. The site vicinity currently appears essentially as it does on the 2011 aerial photograph.

- The Environmental Data Resources, Inc. (EDR) Report did not identify the subject property on any Federal, State, or Local databases. The new 2012 EDR report identified one LUST database site within the ASTM E 1527 prescribed search radii of the subject property. However, the listed databases site is not considered to be a potential environmental and/or financial concern to the subject site. Refer to Section 4.1.1.1 and Appendix G for the current May 2012 EDR Environmental Database Report.
- Geotechnical & Environmental Consultants, Inc. (GEC) 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 subject property. According to the National Wetlands Inventory (NWI) map, no wetland areas or flood plains were identified on the subject property. However, during GEC's site reconnaissance on May 3, 2012 wetlands were observed on the subject property. On May 30, 2012 approximately 0.04 acres of wetlands were observed on the northeast portion of the subject property. According to the attached site plan, a 100-foot undisturbed buffer will be placed around the wetland area and no impacts to this area are anticipated.

### **1.1 Location & Legal Description of the Property**

The subject site, which is approximately 6.5 acres in size, is located east of Palmetto Cascade Highway/State Highway 154 in Palmetto, Georgia. The subject property is situated north of Roosevelt Highway and west of Walnut Way. The subject property consists of an undeveloped wooded tract of land. A site location map is included in Appendix I as Figure 1.

The subject property is located in Land Lot 69 of the 7<sup>th</sup> Land District of the City of Palmetto, Fulton County, Georgia. The subject property is legally described in the most current available deed (Deed Book 50496, Page 265), a copy of which is provided in Appendix D.

### **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 6.5-acre proposed Heritage Trace apartment complex situated north of Roosevelt Highway and west of Walnut Way in the City of Palmetto, Georgia. The subject property, which is included in Land Lot 69 of the 7<sup>th</sup> Land District of Fulton County, Georgia, currently contains undeveloped 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**

**Jon A. Spaller, P.G.**, is a **Senior Geologist** with the Macon office. Jon graduated from the State University of West Georgia in 1978, with a Bachelor's Degree in Geology, and has over 30 years of experience in subsurface explorations and geotechnical engineering evaluations from commercial and industrial developments and dams. Jon has been heavily involved in solid waste disposal facility consulting for the past 20 years, directing numerous hydrogeologic site evaluations for municipal solid waste and industrial solid waste landfills. He has directed compliance monitoring programs and assessment of corrective measures studies and has served as Construction Quality Assurance Project Manager for a number of Subtitle D solid waste construction projects. He has performed and reviewed Phase I and Phase II Environmental Site

Assessments for numerous projects throughout his career. He is a registered professional Geologist in Georgia, and a member of The Solid Waste Association of North America.

**Mary A. Brooks**, is a **Senior Environmental Specialist** for the Macon office. Mary graduated from the University of Florida with a bachelor's degree in Resource Conservation in 1990. Mary has twenty years of experience in the consulting field. Her experience includes wetland evaluations and ecological assessments including Threatened and Endangered Species Surveys. She has performed numerous Phase I and Phase II Environmental Site Assessments. As a certified asbestos and lead-based paint inspector, Mary has inspected several buildings for asbestos and lead-based paint. She has monitored the removal and performed sampling of under ground storage tanks. She has sampled groundwater-monitoring wells as well as tested injection wells on Superfund sites, and monitored surface water, ground water and soils for wastewater spray application projects. Currently Mary is a member of the American Water Resources Association, the Society of Wetland Scientists, Bleckley County Chamber of Commerce Board, and the 2008 chairperson of the Macon Bibb County Economic and Development Authority Safety and Environmental Committee.

**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 Olympia Construction, Inc.; Heritage Trace, L.P.; 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. Butch Richardson; Olympia Construction, Inc., Heritage Trace, L.P.; 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-12-5175, under which this scope of work was authorized.

## **3.0 SITE SETTING**

### **3.1 General Description of the Site & Vicinity**

The proposed Heritage Trace apartment site, which is 6.5 acres in size, is located east of Palmetto Cascade Highway/State Highway 154. The subject property is situated north of Roosevelt Highway and west of Walnut Way in the City of Palmetto, Georgia. GEC observed that the subject site is currently undeveloped wooded land. The site vicinity currently consists of residential, commercial, and undeveloped wooded properties. GEC observed undeveloped wooded land bordering the subject site to the southwest, west and northwest with residential properties beyond to the northwest. Residential properties were observed bordering the subject site to the northeast and south. Vacant cleared land was observed bordering the subject site to the east. Undeveloped wooded land is located west of the subject site and commercial properties are located southwest of the subject site both across Palmetto Cascade Highway/State Highway 154. 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 3, 2012 and follow up visit on June 1, 2012, GEC observed that the subject site is currently an undeveloped wooded tract of land. The zoning for the subject site is R-6 (High Density Residential District) and city water and sewer is available to serve the subject site.

#### **3.1.2 Current Uses of Adjoining Properties**

The site vicinity consists of residential, commercial, and undeveloped wooded properties. During our reconnaissance of the surrounding area on May 3, 2012, GEC observed undeveloped wooded land bordering the subject site to the southwest, west and northwest with residential properties beyond to the northwest. Residential properties were observed bordering the subject site to the northeast and south. Vacant cleared land was observed bordering the subject site to the east. Undeveloped wooded land is located west of the subject site and commercial properties are located southwest of the subject site both across Palmetto Cascade Highway/State Highway 154.

### **3.1.3 Description of Structures, Roads, & Other Improvements**

The subject property is an undeveloped tract of land with no structures or other improvements on the subject property. The only adjacent improved roadway consists of Palmetto Cascade Highway/State Highway 154, which is west of the subject site. According to various sources, municipal water and sewer are available to serve the subject site.

## **3.2 Hydrogeology**

### **3.2.1 Geologic Setting**

The site is located in the Piedmont Physiographic Province of Georgia. The Piedmont is composed of igneous and metamorphic rocks, most commonly granites, granitic gneiss, and schists. These rocks have undergone extensive alterations, folding and faulting during the mountain building episodes, which produced the Appalachian Mountains and have since experienced a long period of stability. Chemical and physical weathering has produced the present topography. The depth of weathering can vary greatly. The general Piedmont subsurface profile consists of clayey soils near the surface, which grade into silty sands and sandy silts with depth. Soils beneath the upper clayey zones often retain and exhibit the relic structure (banding, foliation) of the parent rock and are termed saprolite. A zone of weathered rock often separates saprolite from hard relatively unweathered bedrock. The various rock types resist weathering in different degrees depending on their chemical composition, fracturing, jointing, and bedding, so the depth to bedrock is often quite erratic and can vary over a short distance. Also, it is not unusual to find lenses of partially weathered rock and hard rock boulders within the saprolite. Alluvial, or water deposited, soils are present in association with rivers and streams. These soils consist of interlayered sands silts and clay with varying amounts of organic materials.

Groundwater occurs in the Piedmont Region in surficial unconfined aquifers in the soil/saprolite overburden and within the fractured bedrock (fractured rock aquifer). Due to the relatively low yields of these aquifers, groundwater usage in the Piedmont is usually limited to domestic water supply wells. Specific hydrogeologic information was not available for this assessment, and, based on the U.S.G.S. Topographic Quadrangle Map and observations made in the field, GEC anticipates the groundwater flow direction at the subject property most likely moves generally to the north-northeast.

### **3.2.2 Surface Drainage**

Based on our review of the U.S.G.S. Topographic Map (Figure 5, Appendix A) and observations made during the site reconnaissance, the surface drainage from the subject site is generally to the north-northeast toward Little Bear Creek located approximately 1,000 feet north-northeast of the subject site.

### **3.2.3 Groundwater**

Site specific hydrogeologic information was not available for this assessment, but based on the general assumption that groundwater flow direction in the upper most aquifers, mimics surface water flow, the anticipated groundwater flow direction at this site appears to be generally north.

### **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 map, no wetland areas were identified on the subject property; however, during GEC's site reconnaissance wetlands were observed on the subject property. On May 30, 2012 approximately 0.04 acres of wetlands were observed on the northeast portion of the subject property. According to the attached site plan, a 100-foot undisturbed buffer will be placed around the wetland area and no impacts to this area are anticipated. 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/](http://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 City of Palmetto, Georgia. The subject property is found on Community Panel 0441 (1312C0441E), dated June 22, 1988. According to the FIRM map, the subject property is located in Zone X-white, which is defined as area determined to be outside the 500-year flood plain. 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**

During GEC's site reconnaissance on May 3, 2012, no state waters were observed on the subject property.

### **3.6 Endangered Species**

According to the U.S. Fish and Wildlife Service (USFWS), listed species for Fulton County include ([www.georgiawildlife.org/node/1370](http://www.georgiawildlife.org/node/1370)), 14 animal and 14 plant species. Although habitats for some of the listed species may occur on the subject property, none were observed during the site reconnaissance; therefore, the USFWS was not contacted regarding the subject property. GEC does not anticipate that the protected species and critical habitat issues will factor into a project for this area. Refer to Appendix P for the list of federal and state species.

## **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 April 24, 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 IV 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. The new 2012 EDR report identified one LUST database site within the ASTM E 1527 prescribed search radii of the subject property.

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.

Georgia Food & Gas Inc, d/b/a Palmetto Shell is listed in the EDR report on the LUST database approximately 0.32 miles southwest of the subject site across Palmetto Cascade Highway/State Highway 154. Both the EDR Report and the Georgia Environmental Protection Division website indicated that one release was reported at the listed site with a NFA issued in regard to the release. Due to the distance between the subject property and the regulated site and the area topography, a petroleum release from Georgia Food & Gas Inc./Palmetto Shell is not likely reach the subsurface of the subject property. If a release was to occur, no significant environmental threat to the subject property would be expected, due to the relative distance between the two

sites. Additionally, the fact that the subject property has no history of petroleum use, would indicate any liability from any release from Georgia Food & Gas Inc./Palmetto Shell should remain with the respective owners/operators. No visual evidence of recognized environmental conditions were observed at the subject property during GEC's site visit.

During GEC's off site reconnaissance, GEC observed Ballard Crossing Chevron gas station, Facility ID #9060805, at 9165 Roosevelt Highway and approximately 0.35 miles south-southwest of the subject site near the intersection of Palmetto Cascade Highway/State Highway 154 and Roosevelt Highway. GEC reviewed information at the Georgia Environmental Protection Division website and found that no releases were reported at the listed site. Due to the distance between the subject property and the regulated site and the area topography, a petroleum release from Ballard Crossing Chevron is not likely reach the subsurface of the subject property. If a release was to occur, no significant environmental threat to the subject property would be expected, due to the relative distance between the two sites. Additionally, the fact that the subject property has no history of petroleum use, and the facility is registered with Georgia UST (GUST) Trust Fund, would indicate any liability from any release from Chevron should remain with the respective owners/operators. No visual evidence of recognized environmental conditions were observed at the subject property during GEC's site visit.

All of the listed database facilities in the EDR report are registered with or under review by regulatory agencies, and liability for such a release, if or when it occurs, should remain with the respective site owners.

#### **4.1.1.2 Orphan/Unmappable Sites**

GEC reviewed the two "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-5 through A-8 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 did not identify any Federal FRDS wells or federal or state U.S.G.S. wells 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**

Zoning information provided to GEC by the City of Palmetto indicated that zoning for the subject property is R-6 (High Density Residential District). Included with the zoning letter was Chapter 7 of the Palmetto Zoning Ordinance which includes density and minimum lot are requirements. Copies of the zoning letter and ordinance are included 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 Palmetto Annual Water Quality Report (AWQR), their most current version of the AWQR, which indicated that City of Palmetto'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 suspected PCB-containing equipment was observed on the subject property during GEC's site reconnaissance on May 3, 2012.

GEC received a letter from Mr. William Shell, City Administrator, with the City of Palmetto, the electrical utility provider for the proposed Heritage Trace development. Mr. Shell indicated that the City of Palmetto has available and will supply electric serve to the subject property. He also noted that their transformers contain no PCB. A copy of the power letter is presented 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 Henry Argo with the City of Palmetto Fire Department on April 27, 2012. GEC received a response from Chief Argo with the department on May 8, 2012. Chief Argo indicated that the department has no record of environmentally related fires, hazardous materials responses, or additional known environmental concerns at the subject property. He noted that the department is not aware of any storage tanks (above or underground) currently or formerly located on the subject property. Chief Argo was not aware of any site history. 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 attempted to fax an information questionnaire to the Fulton County Environmental Health Department on May 25<sup>th</sup> and June 8<sup>th</sup>, 2012. GEC followed up with several phone calls when the department could not be reached by fax. The listed phone numbers were no longer in service. Therefore, the department could not be reached to complete the questionnaire. 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 Ms. Patricia Dobbins, client representative, on May 14, 2012. Ms. Dobbins noted that she was not aware of any deed restrictions, engineering or institutional controls, or other activity and use limitations for the property. Ms. Dobbins indicated she was not aware of any specialized knowledge or experiences that are material to any potential recognized environmental conditions. She 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. Ms. Dobbins does have in her possession or control title records for the property, and she is not aware of any environmental liens. Ms. Dobbins 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 a completed owner environmental questionnaire from SFG REO, LLC, property owner. Mr. Todd Kuhl, owner representative, indicated that he did not know if either his property or any adjoining properties are currently used for industrial and/or manufacturing purposes. Mr. Kuhl noted that no plastic or metal drums, stained soil or stressed vegetation, storage tanks (above or underground), or vent pipes have ever been brought onto the site. He did not know if fill dirt had been brought onto the subject property. He indicated that he did not know if any storage tanks had been removed from the subject site. Mr. Kuhl 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.

Mr. Kuhl stated that he did not know if the subject property is located in the 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 he did not know if the subject property was 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 and none were available. 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 (Heritage Trace, L.P.) contracted with GEC to provide the information, except where specifically requiring a User response to information needs. The users were identified as Heritage Trace, L.P.; Olympia Construction, Inc.; and Mr. Butch Richardson 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 6.5 acres in size, is located east of Palmetto Cascade Highway/State Highway 154 in the City of Palmetto, Fulton County, Georgia. The subject property, which is situated within Land Lot 69 of the 7<sup>th</sup> Land District of Fulton County, Georgia, consists of undeveloped wooded land. The subject property appears on the Fulton County Tax Map as parcel #07-3100-0069-146.

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 May 14, 2011. Mr. May's review of the subject property's chain of title information indicated that the subject property was part of a larger tract owned by the Ballard family from the early 1900's until it was sold to Veleta Roan Morris in 1979. The Morris family sold the site out of the larger tract in 2003. The site passed through several owners until deeded to the current owner (SFG REO, LLC) in 2011.

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 common knowledge or other information 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 development of the 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 User indicated that the purchase price is the same as the fair market value. 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 is the same as the fair market value.

##### **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 3, 2012 or June 1, 2012.

### **5.2 General Site Setting**

The subject site, which is approximately 6.5 acres in size, is currently undeveloped wooded land, located east of Palmetto Cascade Highway/State Highway 154, in the City of Palmetto, Fulton County, Georgia. GEC's review of all of the readily available historical aerial photographs indicates that the subject property appears to have been undeveloped wooded/agricultural land from, if not before, 1938 until 2011. The reviewed aerial photographs strongly suggest the subject property was undeveloped wooded/agricultural land prior to the oldest available photograph taken in 1938.

GEC observed residential, commercial, 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 Heritage Trace property indicates there are no recognized environmental conditions associated with the subject site.

### **5.4 Current Site Use**

The subject property is currently an undeveloped wooded tract of 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.

GEC observed a small approximately 200-gallon propane tank located on adjacent property north of the subject site approximately 780 feet north of the subject site at its closest point. GEC completed HUD's acceptable separation distance calculator, and found that the subject property is situated within an acceptable distance from the tank. In addition to the distance, the various obstructions (i.e. buildings, forested properties, etc.) between the site and the propane tank add additional safety factors to the flammable hazard concern. Therefore, GEC is of the opinion that the above ground storage tank is not a concern to the subject property.

#### **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 on-site structures presently exist, and as our knowledge of the site history indicates that the subject property has been historically undeveloped and consisting of either agricultural or wooded land, heating and cooling issues are not applicable to the subject property.

### **5.4.4 Solid Waste**

No solid waste was observed on the subject property during GEC's site reconnaissance.

### **5.4.5 Sewage Disposal/Septic Tanks**

No septic tanks or evidence thereof were observed on the subject property and, due to the undeveloped nature of the subject property, none is expected on the site.

### **5.4.6 Hydraulic Equipment**

No hydraulic equipment or potential hydraulic equipment was observed during GEC's site reconnaissance on May 3, 2012.

### **5.4.7 Contracted Maintenance Services**

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

### **5.4.8 Electrical Equipment/Polychlorinated Biphenyls (PCBs)**

During GEC's site reconnaissance on May 3, 2012, No suspected PCB-containing equipment was observed on the subject property.

GEC received a letter from Mr. William Shell, City Administrator, with the City of Palmetto, the electrical utility provider for the proposed Heritage Trace development. Mr. Shell indicated that the City of Palmetto has available and will supply electric serve to the subject property. He also noted that their transformers contain no PCB and would be of no danger. A copy of the power letter is presented in Appendix H.

### **5.4.9 Water Supply & Wells**

City water is available to serve the subject site (see documentation of verification of public water/sewer service to the subject property in Appendix H). The presence of water wells is not expected on the subject property, and none were observed.

### **5.4.10 Drains & Sumps**

No drains or 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. Due to the undeveloped nature of the subject property, no chemical use is expected.

#### **5.4.17 Water Leaks/Mold/Fungi/Microbial Growth**

No on-site structures were observed on the subject property during the site reconnaissance; as a result, the presence of water leaks/mold is not applicable to the subject property.

#### **5.4.18 Asbestos**

During the site reconnaissance on May 3, 2012, no on-site structures were observed on the subject property; as a result, the presence of asbestos containing materials (ACMs) is not applicable to the subject property.

#### **5.4.19 Lead-Based Paint**

During the site reconnaissance on May 3, 2012, no on-site structures were observed on the subject property; as a result, the presence of lead-based paint is not applicable to the subject property.

#### **5.4.20 Lead in Drinking Water**

GEC obtained a copy of the 2010 City of Palmetto Annual Water Quality Report (AWQR), their most current version of the AWQR, which indicated that that the City of Palmetto'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, Fulton County, Georgia, is listed in Zone 1, which means "highest potential (>4 pCi/L (picocuries per liter of air)."

According to the radon information provided on page A-9 of the EDR Report presented in Appendix G, the one site tested within the zipcode of the subject site was in the 4-20 pCi/L range. 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 *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 3, 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 railway to be a potential contributor to noise at the subject site. One civil airport, South Fulton airport, was found 6,000 feet miles northeast of the site; however, there are no jet operations per airport management and therefore it is not considered a potential noise source per HUD guidelines (NAG). No major roads were found within 1,000 feet, no other railways were found within 3,000 feet, no other civil airports were found within five miles, and no military airfields were found within 15 miles of the subject site.

CSX Transportation railway is situated approximately 1,630 feet south of the site. Completion of the Noise Assessment Guidelines (NAG) worksheets indicates an Acceptable (per the NAG) exterior day night level (DNL) of less than 65 decibels 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.

#### 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 Intrusion (VI) report identified one site on the State and Tribal leaking storage tank list within the ASTM E 2600 prescribed search radii of the subject property.

Georgia Food & Gas Inc, d/b/a Palmetto Shell is listed in the EDR report on the LUST database approximately 0.32 miles southwest of the subject site across Palmetto Cascade Highway/State Highway 154. Both the EDR Report and the Georgia Environmental Protection Division website indicated that one release was reported at the listed site with a NFA issued in regard to the release. Due to the distance between the subject property and the regulated site and the area topography, a petroleum release from Georgia Food & Gas Inc./Palmetto Shell would not likely reach the subsurface of the subject property. If a release was to occur, no significant environmental threat to the subject property would be expected, due to the relative distance between the two sites. Additionally, the fact that the subject property has no history of petroleum use, would indicate any liability from any release from Georgia Food & Gas Inc./Palmetto Shell should remain with the respective owners/operators. No visual evidence of recognized environmental conditions were observed at the subject property during GEC's site visit.

During GEC's off site reconnaissance, GEC observed Ballard Crossing Chevron gas station, Facility ID #9060805, at 9165 Roosevelt Highway and approximately 0.35 miles south-southwest of the subject site near the intersection of Palmetto Cascade Highway/State Highway 154 and Roosevelt Highway. GEC reviewed information at the Georgia Environmental

Protection Division website and found that no releases were reported at the listed site. Due to the distance between the subject property and the regulated site and the area topography, a petroleum release from Ballard Crossing Chevron would not likely reach the subsurface of the subject property. If a release was to occur, no significant environmental threat to the subject property would be expected, due to the relative distance between the two sites. Additionally, the fact that the subject property has no history of petroleum use, and the facility is registered with Georgia UST (GUST) Trust Fund, would indicate any liability from any release from Chevron should remain with the respective owners/operators. No visual evidence of recognized environmental conditions were observed at the subject property during GEC's site visit.

Due to the remediation, site status/listing, and likely groundwater flow away from the subject site, these sites are not considered to present an environmental concern to the subject property. Topographic features and groundwater flow direction suggests that vapors would not migrate from the source to the target property. Therefore, vapor encroachment is unlikely to be an issue of concern in connection with existing or planned structures on the target property.

GEC is of the opinion that vapor encroachment is unlikely to be an issue of concern in connection with existing or planned structures on the subject property. Refer to Appendix E (EDR Vapor Encroachment Screen) 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 6.5 acres in size, is located east of Palmetto Cascade Highway/State Highway 154 in the City of Palmetto, Fulton County, Georgia. The subject property, which is situated within Land Lot 69 of the 7<sup>th</sup> Land District of Fulton County, Georgia, consists of undeveloped wooded land. The subject property appears on the Fulton County Tax Map as parcel # 07-3100-0069-146.

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 May 14, 2011. Mr. May's review of the subject property's chain of title information indicated that the subject property was part of a larger tract owned by the Ballard family from the early 1900's until sold to Veleta Roan Morris in 1979. The Morris family sold the site out of the larger tract in 2003. The site passed through several owners until deeded to the current owner (SFG REO, LLC) in 2011.

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, 1972, 1960, 1955, 1942, and 1938) 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 I (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. GEC's review of all of the readily available historical aerial photographs indicates that the subject property appears to have been undeveloped wooded/agricultural land since, if not before, 1938 to the 2011 aerial photograph.

The 1938 to 1972 aerial photographs show the site vicinity as mostly undeveloped wooded/agricultural land with residential properties scattered within the site vicinity. Residential and/or commercial development appears mostly to the southwest of the subject site beginning on the 1988 aerial photograph. Residential development appears bordering the subject site to the south and infrastructure for a development appears bordering the subject site to the east on the 2005 to 2006 aerial photographs. Residential properties appear northeast of the subject site on the 2007 aerial photograph. The site vicinity appears essentially as it does currently on the 2011 aerial photograph.

The subject property can be found on the Palmetto, Georgia Quadrangle of the U.S.G.S. 7.5-minute series Topographic Map with contour intervals of 20 feet, printed in 1982. 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. No structures are shown on the site.

The site elevation, as shown on the topographic map, ranges between approximately 1,000 and 1,020 feet above mean sea level, and the down slope of on-site surface drainage features is to the north, northeast. Based on review of the topographic map and observations made during the site reconnaissance, surface drainage flow at the subject property (assuming the flow mimics topography) should generally be to the north-northeast toward Little Bear Creek located approximately 1,000 feet north-northeast 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. The Sanborn Map no coverage report is presented 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 does not exist for the target property. EDR reviewed city directories, for the most part, at five-year intervals spanning the 1973 through the 1997 volumes, but these years are not necessarily inclusive. A copy of the EDR – City Directory Abstract is presented in Appendix C.

The target property and adjoining addresses were not identified in Polk's City Directories.

Examination of the EDR – City Directory Abstract did not reveal any indications of environmental concerns for the subject property or the surrounding area.

### **5.5.7 Previous Environmental Studies**

No previous Phase I Environmental Report(s) were available, provided, or reviewed for this DCA Phase I ESA.

### **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 aerials, the subject site was undeveloped agricultural/wooded land prior to the oldest available aerial photograph taken in 1938, 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/agricultural 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**

Undeveloped wooded land was observed bordering the subject site to the northwest with residential properties beyond to the northwest. Residential properties were observed bordering the subject site to the northeast.

### **5.6.2 East**

Vacant cleared land was observed bordering the subject site to the east.

### **5.6.3 South**

Residential properties were observed bordering the subject site to the south. Undeveloped wooded land was observed bordering the subject site to the southwest. Commercial properties are located southwest of the subject site across Palmetto Cascade Highway/State Highway 154.

### **5.6.4 West**

Undeveloped wooded land was observed bordering the subject site to the west and beyond westward across Palmetto Cascade Highway/State Highway 154.

## **5.7 Past Surrounding Land Use**

### **5.7.1 North**

The 1938 to 1993 aerial photographs show the site vicinity north of the subject site as mostly undeveloped wooded/agricultural land with residential properties scattered within the site vicinity. Infrastructure for a development appears bordering the subject site to the northeast on the 2005 to 2006 aerial photographs. Residential properties appear northeast of the subject site on the 2007 aerial photograph.

### **5.7.2 East**

The 1938 to 1993 aerial photographs show the site vicinity east of the subject site as mostly undeveloped wooded/agricultural land with residential properties scattered within the site vicinity. Infrastructure for a development appears bordering the subject site to the east on the 2005 to 2011 aerial photographs

### **5.7.3 South**

The 1938 to 1972 aerial photographs show the site vicinity south of the subject site as mostly undeveloped wooded/agricultural land with residential properties scattered within the site vicinity. Residential and/or commercial development appears within the site vicinity mostly to the southwest of the subject site beginning on the 1988 aerial photograph. Residential development appears bordering the subject site to the south on the 2005 to 2011 aerial photographs

#### **5.7.4 West**

The 1938 to 2011 aerial photographs show the site vicinity west of the subject site as mostly undeveloped wooded/agricultural land with residential properties scattered within the site vicinity.

#### **5.8 Historic Preservation**

GEC submitted a letter for SHPO Review (See Appendix Q) with descriptive details on the property and photographs of the site as a request for verification to the Georgia Historic Preservation Division (HPD). The Georgia HPD is requested by the letter to issue a determination as to whether the proposed development in the Area of Potential Effects (APE) could be considered eligible for listing on the Georgia Register of Historic Places, and also ensure that potential effects to historic resources are adequately considered in project planning. Based on the research collected for this Phase I ESA, information shows the site to have been historically undeveloped agricultural/wooded land as far back as, and likely before, the oldest aerial photograph taken in 1938, likely the first known use of the subject site. GEC is of the opinion that the development of the proposed Heritage Trace site will not have any significant historic impact on the subject property. SHPO may request the opportunity to review the final project plans.

Historic Preservation Environmental Review Record – In compliance with 24 C.F.R. Part 58, Section 106 documentation is included showing a public resolution of support from the City of Palmetto.

GEC reviewed information provided on the National Register of Historic Places website in May 2012. According to the reviewed information, there is one historic site located south of the subject property approximately 0.26 miles of the subject property and one historic site located southwest of the subject property approximately 1.6 miles of the subject property. GEC is of the opinion that the development of the proposed apartment complex will not have a negative impact on any historic property in the area. A copy of the map can be found in Appendix Q.

### **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, lack of timely responses from public agency requests, and review of the previous Phase I environmental. 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 wooded/agricultural land prior to the oldest available aerial photograph taken in 1938, 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/agricultural land. The responses not received from agencies and lack of reviewing the previous Phase I environmental is not expected to yield information that would affect the conclusion of this report.

## **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 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 6.5-acre proposed Heritage Trace site east of Palmetto Cascade Highway/State Highway 154 in the City of Palmetto, Fulton 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 Heritage Trace site east of Palmetto Cascade Highway/State Highway 154, Palmetto, Georgia, and legally described as contained in Land Lot 69 of the 7<sup>th</sup> Land District of Fulton 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 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 and aerial photographs, the subject property has been historically undeveloped wooded/agricultural land on the reviewed 1938 to 2011 aerial photographs. The 1938 to 1972 aerial photographs show the site vicinity as mostly undeveloped wooded/agricultural land with residential properties scattered within the site vicinity. Residential and/or commercial development appears mostly to the southwest of the subject site beginning on the 1988 aerial photograph. Residential development appears bordering the subject site to the south and infrastructure for a development appears bordering the subject site to the east on the 2005 to 2006 aerial photographs. Residential properties appear northeast of the subject site on the 2007 aerial photograph. The site vicinity currently appears essentially as it does on the 2011 aerial photograph.
- The Environmental Data Resources, Inc. (EDR) Report did not identify the subject property on any Federal, State, or Local databases. The new 2012 EDR report identified one LUST database site within the ASTM E 1527 prescribed search radii of the subject property. However, the listed databases site is not considered to be a potential environmental and/or financial concern to the subject site. Refer to Section 4.1.1.1 and Appendix G for the current May 2012 EDR Environmental Database Report.
- Geotechnical & Environmental Consultants, Inc. (GEC) 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 subject property. According to the National Wetlands Inventory (NWI) map, no wetland areas or flood plains were identified on the subject property. However, during GEC's site reconnaissance on May 3, 2012 wetlands were observed on the subject property. On May 30, 2012 approximately 0.04 acres of wetlands were observed on the northeast portion of the subject property. According to the attached site plan, a 100-foot undisturbed buffer will be placed around the wetland area and no impacts to this area are anticipated.

### **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. Butch Richardson with Heritage Trace, L.P.(Olympia Construction, Inc.) – client  
SFG REO, LLC – owner environmental questionnaire  
City of Palmetto and Fulton County, Georgia  
City of Palmetto Water and Sewerage Authority  
Fulton County Health Department, Environmental Services  
City of Palmetto Fire Department  
City of Palmetto Planning & Zoning  
Fulton County Tax Assessor's website  
Fulton 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.)  
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 the User, Heritage Trace, L.P, the purchase price of the subject site is the same as 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, the purchase price of the subject site is the same as the fair market value.

### **10.4 Environmental Reasons for any Differential**

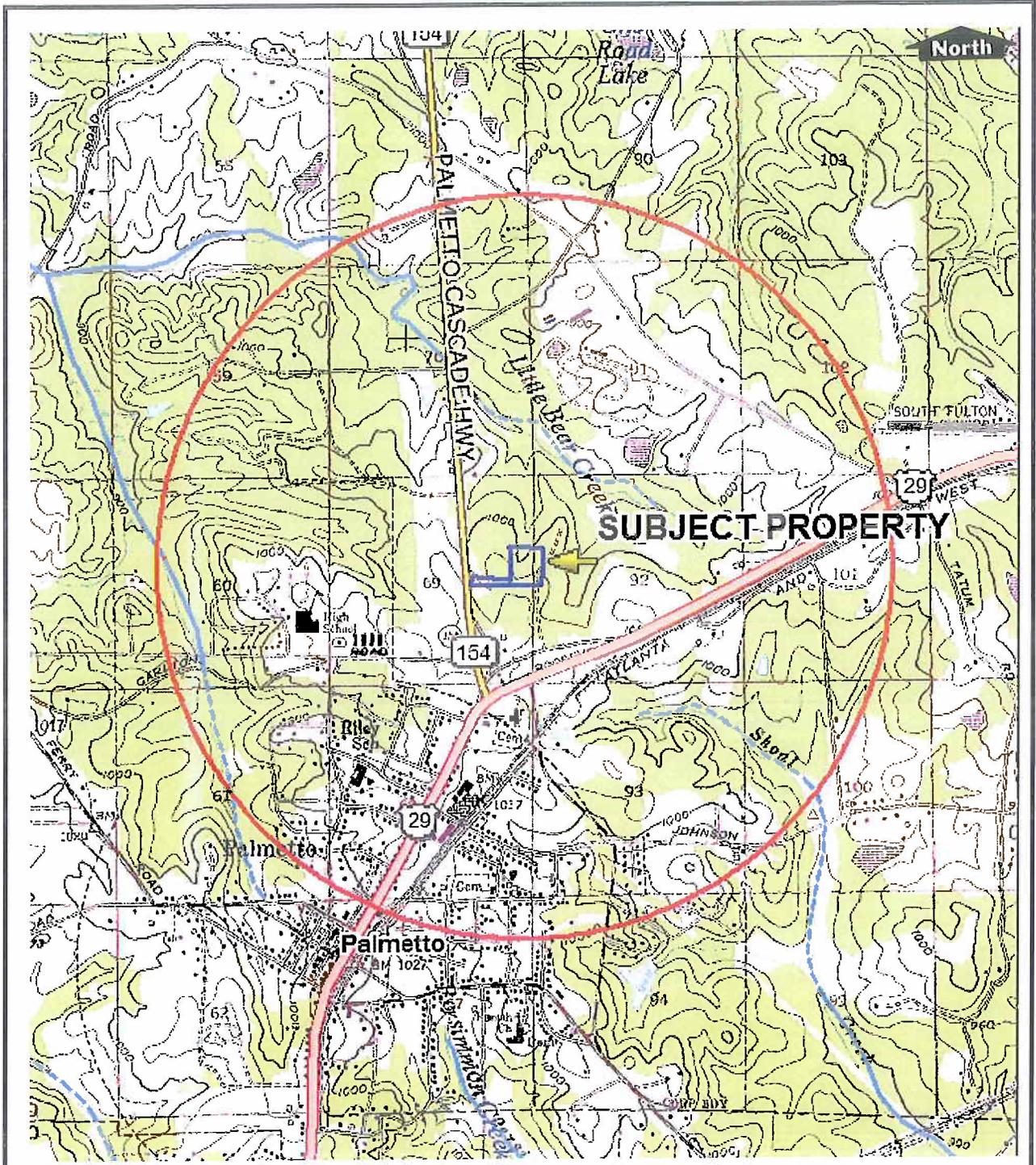
Since no differential between the purchase price and market value of the property exists, there is no known devaluation of the property for environmental reasons.

# APPENDICES

**GEC**

**APPENDIX A:  
Figures & Maps**

**GEC**



**Figure 1**  
**U.S.G.S. Topographic Map**  
**Proposed Heritage Trace**  
**Palmetto, Fulton County, Georgia**  
**GEC Project No. 120312.240**  
**Approximate Scale: 1" = 2,000'**  
**Source: Palmetto, GA Quadrangle (1982)**

**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

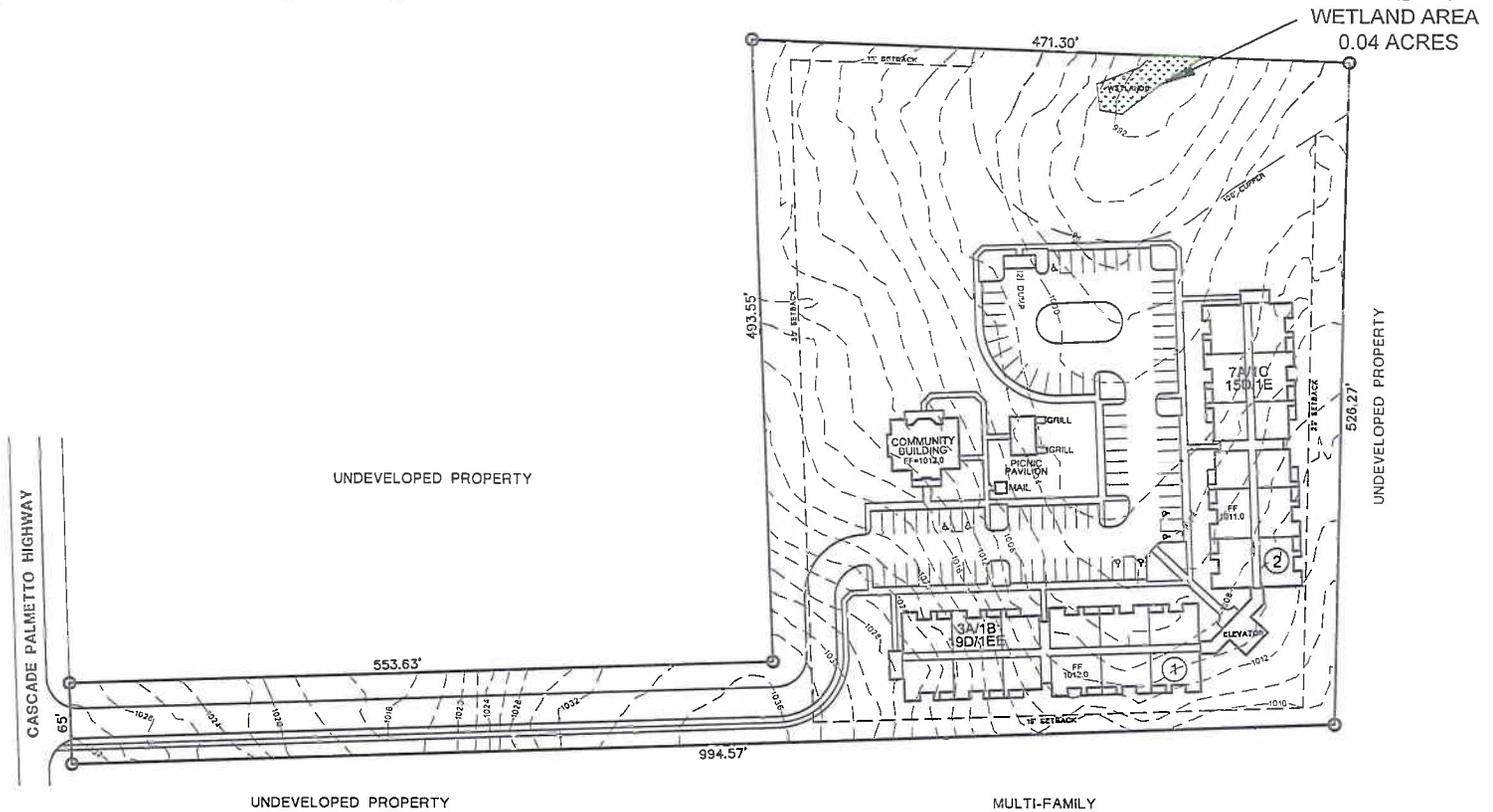
# National Wetlands Inventory



**Figure 2**  
**National Wetlands Inventory (NWI) Map**  
**Proposed Heritage Trace**  
**Palmetto, Fulton County, Georgia**  
**GEC Project No. 120312.240**  
**Approximate Scale: 1"=600'**  
**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



LEGEND:

WETLAND AREA:



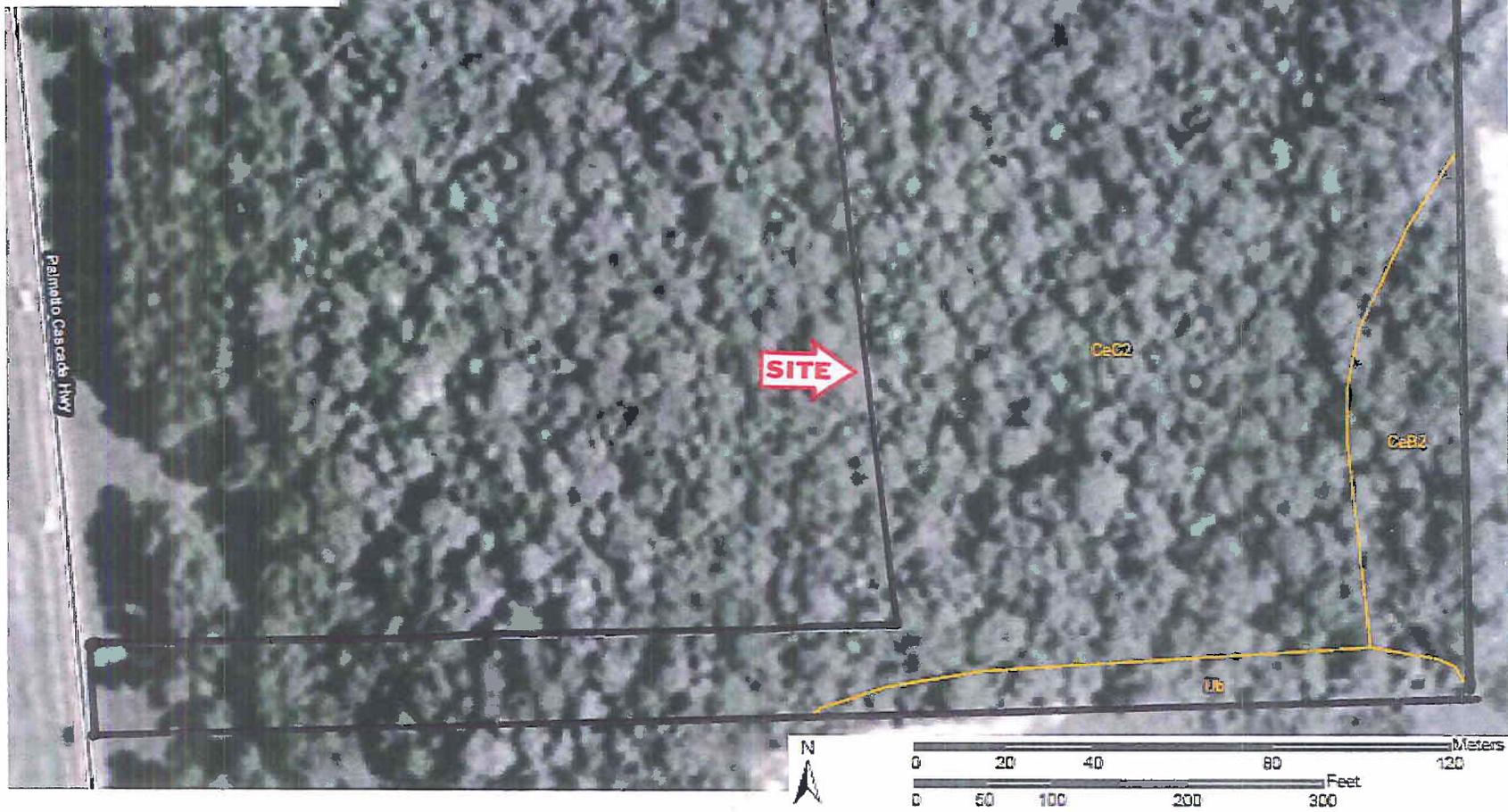
SCALE: 1" = 150'

**Figure 2B**  
**Wetland Delineation**  
**Heritage Trace**  
**Palmetto, Fulton County, Georgia**  
**GEC Project No. 120312.240**  
**Scale: 1"=150'**

**Source: McKean & Associates Architects**

**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**  
**Proposed Heritage Trace**  
**Palmetto, Fulton County, Georgia**  
**GEC Project No. 120312.240**  
**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

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

### MAP INFORMATION

Map Scale: 1:1,720 if printed on A size (8.5" × 11") sheet.  
 The soil surveys that comprise your AOI were mapped at 1:12,000.

**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 16N NAD83

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

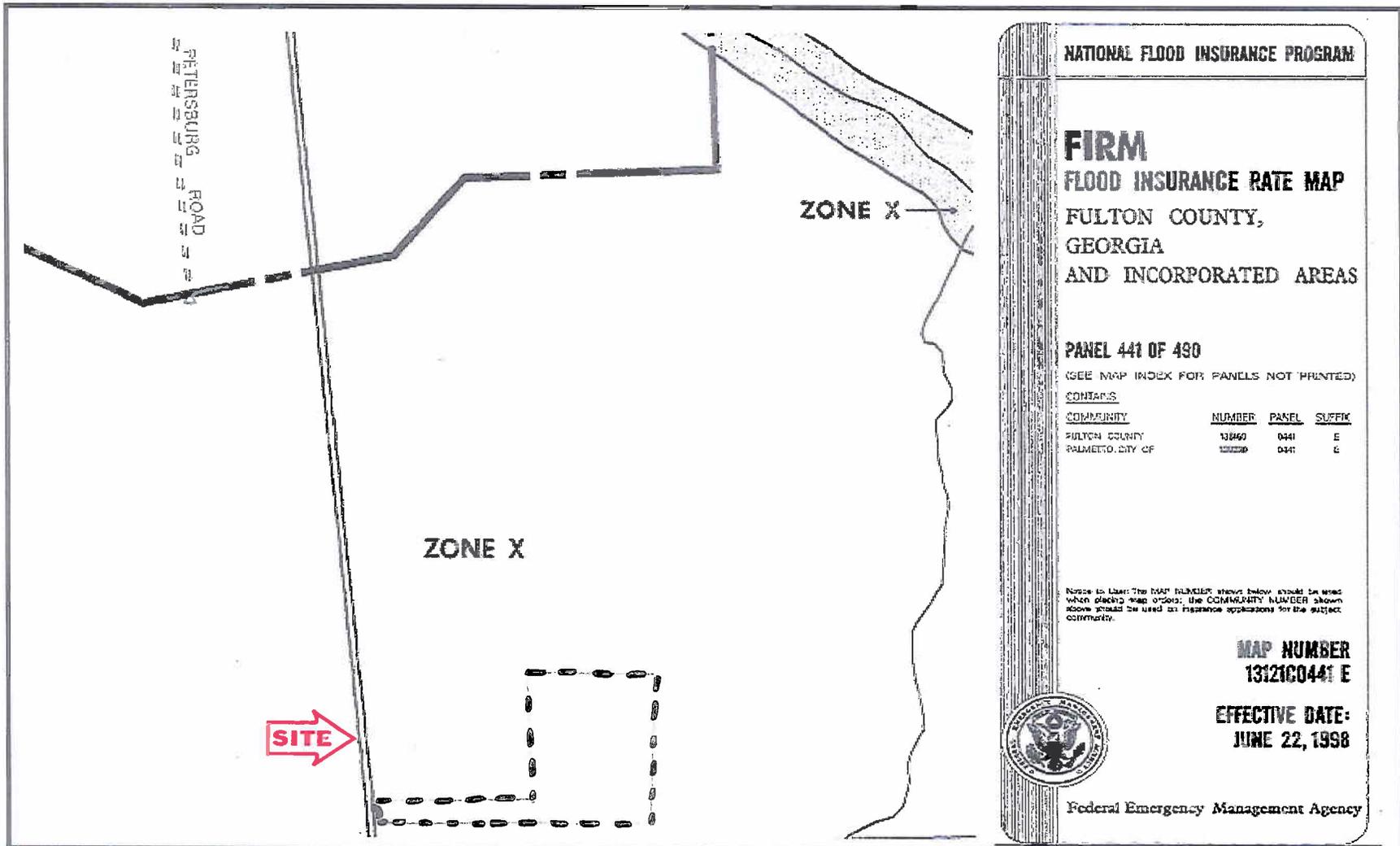
Soil Survey Area: Fulton County, Georgia  
 Survey Area Data: Version 8, Sep 17, 2008

Date(s) aerial images were photographed: 8/16/2007

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

| Fulton County, Georgia (GA121)     |                                                                |              |                |
|------------------------------------|----------------------------------------------------------------|--------------|----------------|
| Map Unit Symbol                    | Map Unit Name                                                  | Acres in AOI | Percent of AOI |
| CeB2                               | Cecil sandy loam, 2 to 6 percent slopes,<br>moderately eroded  | 0.6          | 8.6%           |
| CeC2                               | Cecil sandy loam, 6 to 10 percent slopes,<br>moderately eroded | 5.7          | 85.8%          |
| Ub                                 | Urban land                                                     | 0.4          | 5.6%           |
| <b>Totals for Area of Interest</b> |                                                                | <b>6.6</b>   | <b>100.0%</b>  |



**Figure 4**  
**Flood Insurance Rate Map (FIRM)**  
**Proposed Heritage Trace**  
**Palmetto, Fulton County, Georgia**  
**GEC Project No. 120312.240**  
**Approximate Scale: 1"=555'**  
**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 INUNDATED BY 100-YEAR 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 A99** To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations determined.
- ZONE V** Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.

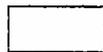


**FLOODWAY AREAS IN ZONE AE**



**OTHER FLOOD AREAS**

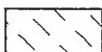
- ZONE X** Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.



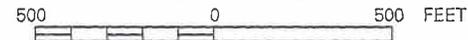
**OTHER AREAS**

- ZONE X** Areas determined to be outside 500-year floodplain.
- ZONE D** Areas in which flood hazards are undetermined.

**UNDEVELOPED COASTAL BARRIERS\***



APPROXIMATE SCALE



|                    |                             |                              |
|--------------------|-----------------------------|------------------------------|
| Identified<br>1983 | Identified<br>1990 or Later | Out<br>Protec<br>Ide<br>1991 |
|--------------------|-----------------------------|------------------------------|

\*Coastal barrier areas are normally located within or adjacent to Hazard Areas.

- Floodplain Boundary
- Floodway Boundary
- Zone D Boundary
- Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Different Coastal Base Flood Elevation Special Flood Hazard Zones.
- Base Flood Elevation Line; Elevation 513
- Cross Section Line (EL. 987)
- Elevation Reference Mark RM7 x
- River Mile M1.5

\*\*Referenced to the National Geodetic Vertical Datum of 1929

MAP REPOSITORY

Refer to Repository Listing on Map Index

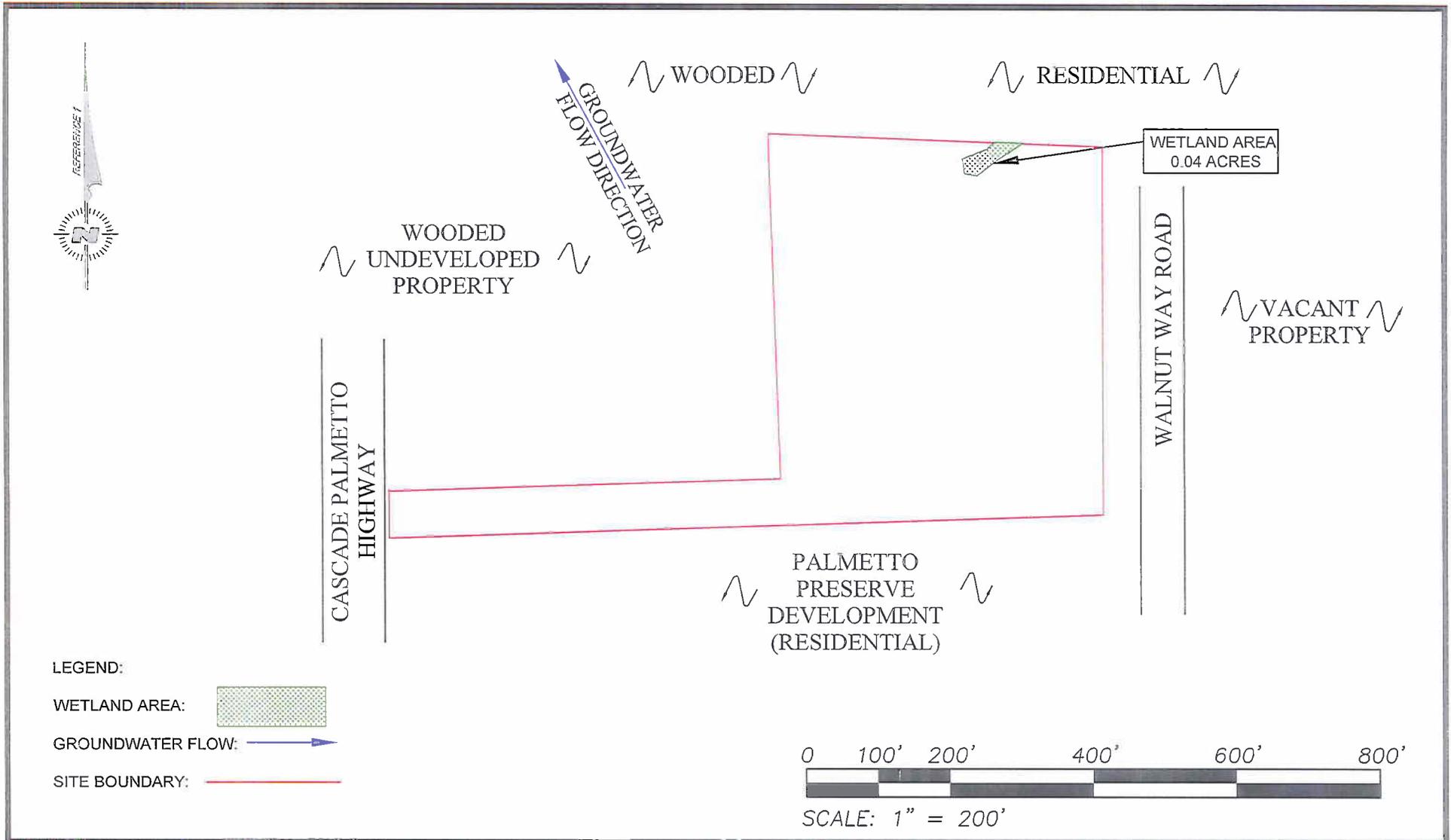
EFFECTIVE DATE OF COUNTYWIDE  
FLOOD INSURANCE RATE MAP  
JUNE 22, 1998

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

Refer to the FLOOD INSURANCE RATE MAP effective date shown to determine when actuarial rates apply to structures in the zones shown or depths have been established.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at (800) 354-7771.

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](http://www.msc.fema.gov)



**Figure 5**

**Site Map**

**Heritage Trace**

**Palmetto, Fulton County, Georgia**

**GEC Project No. 120312.240**

**Scale: 1"=200'**

**Source: McKean & Associates Architects**

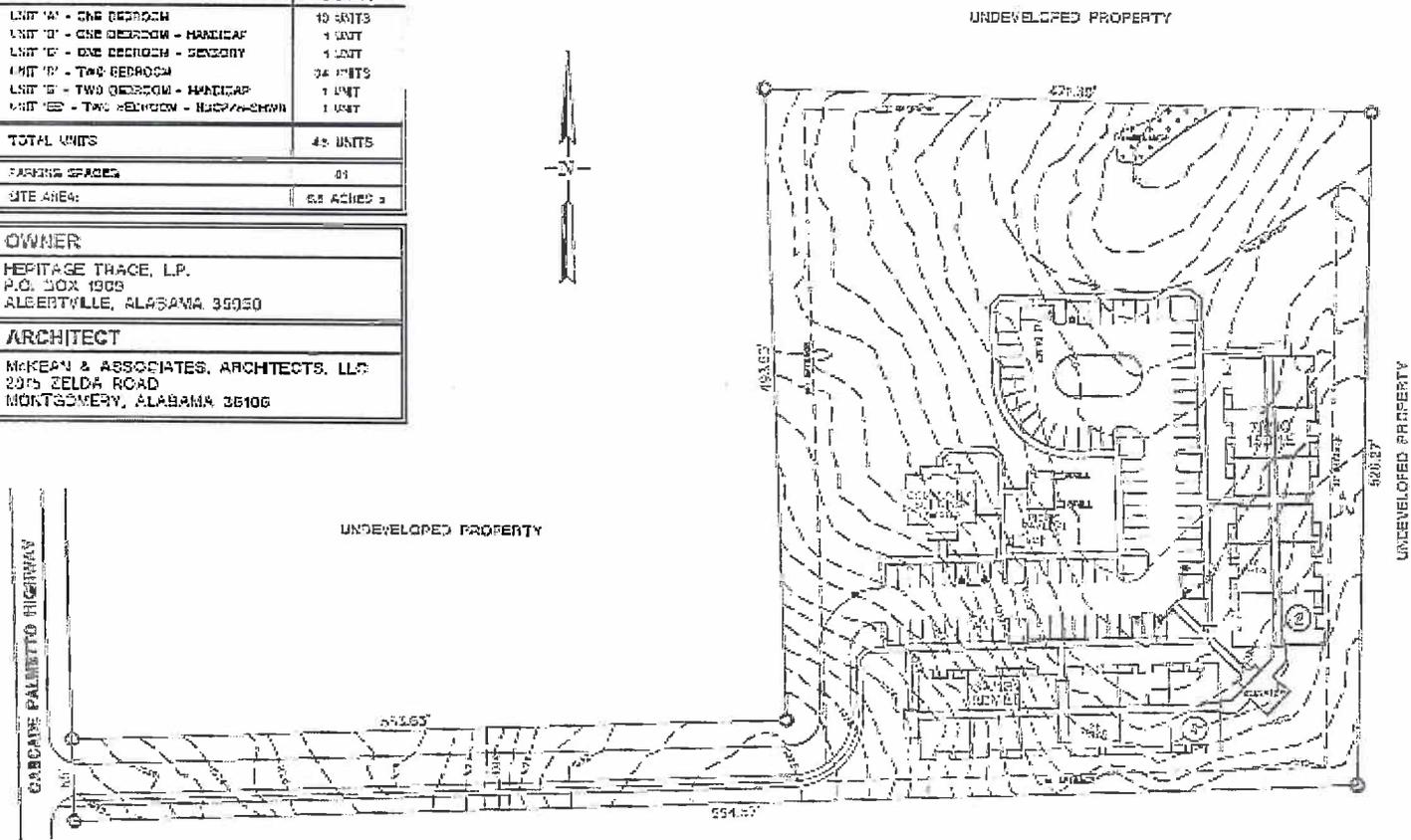
**GEC**

**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                            |                   |
|-----------------------------------|-------------------|
| UNIT TYPE                         | COUNT             |
| UNIT 'A' - ONE BEDROOM            | 10 UNITS          |
| UNIT 'B' - ONE BEDROOM - HANDICAP | 1 UNIT            |
| UNIT 'C' - ONE BEDROOM - SENIORS  | 1 UNIT            |
| UNIT 'D' - TWO BEDROOM            | 24 UNITS          |
| UNIT 'E' - TWO BEDROOM - HANDICAP | 1 UNIT            |
| UNIT 'F' - TWO BEDROOM - HANDICAP | 1 UNIT            |
| <b>TOTAL UNITS</b>                | <b>49 UNITS</b>   |
| <b>PARKING SPACES</b>             | <b>41</b>         |
| <b>SITE AREA:</b>                 | <b>64 ACRES ±</b> |

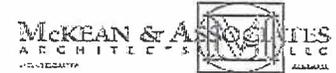
| OWNER                                                                                |  |
|--------------------------------------------------------------------------------------|--|
| HERITAGE TRACE, L.P.<br>P.O. BOX 1909<br>ALBERTVILLE, ALABAMA 36008                  |  |
| ARCHITECT                                                                            |  |
| MCKEAN & ASSOCIATES, ARCHITECTS, LLC<br>2205 ZELDA ROAD<br>MONTGOMERY, ALABAMA 36106 |  |



**SCHMATIC SITE PLAN**

HERITAGE TRACE  
PALMETTO, GEORGIA

JUNE 04, 2012



**Figure 6**  
**Site Plan**  
**Proposed Heritage Trace**  
**Palmetto, Fulton County, Georgia**  
**GEC Project No. 120312.240**  
**Approximate Scale: 1"=130'**  
**Source: GEC's Client**

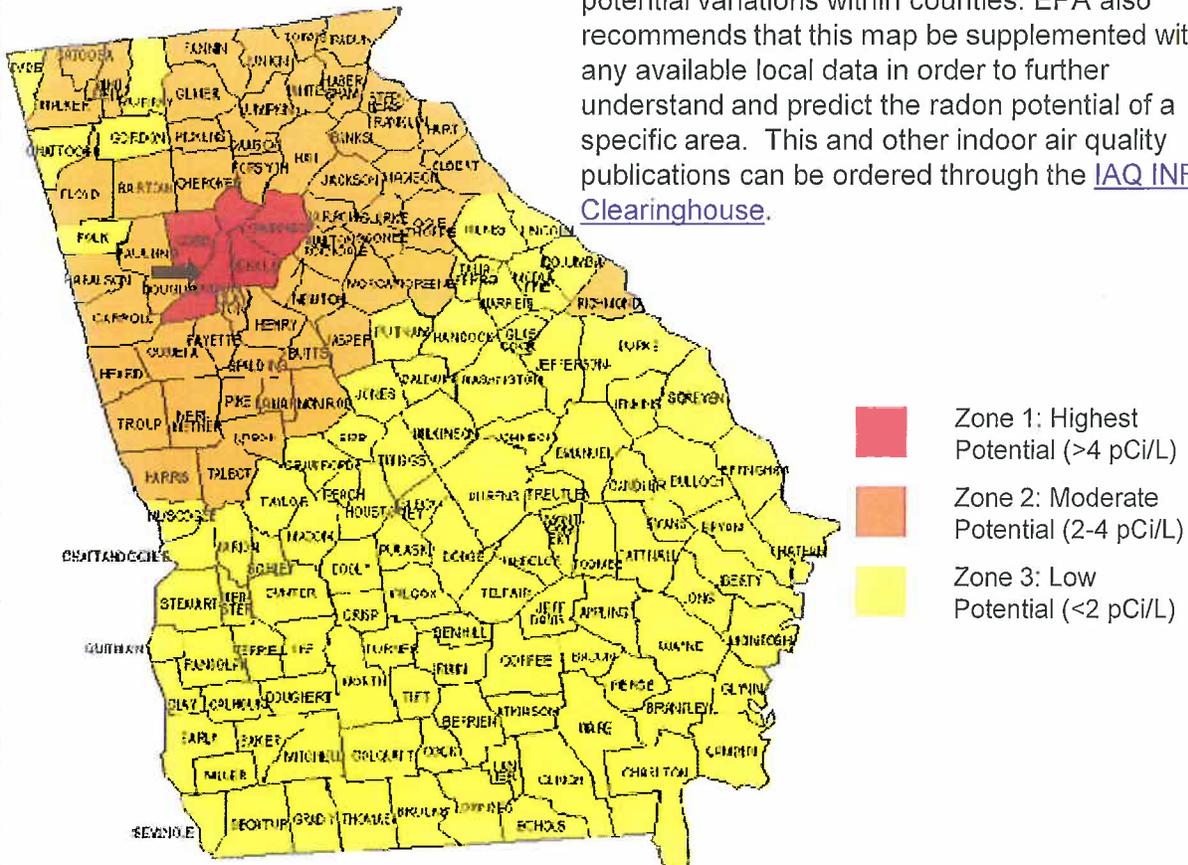
**GEC**  
**GEOTECHNICAL & ENVIRONMENTAL**  
**CONSULTANTS, INC.**

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**  
**Proposed Heritage Trace**  
**Palmetto, Fulton County, Georgia**  
**GEC Project No. 120312.240**  
**Source: US EPA Website**  
**([www.epa.gov/iaq/radon/zonemap](http://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**  
**Proposed Heritage Trace**  
**Palmetto, Fulton County, Georgia**  
**GEC Project No. 120312.240**  
**Approximate Scale: 1"=370'**  
**Source: Google Earth Website**

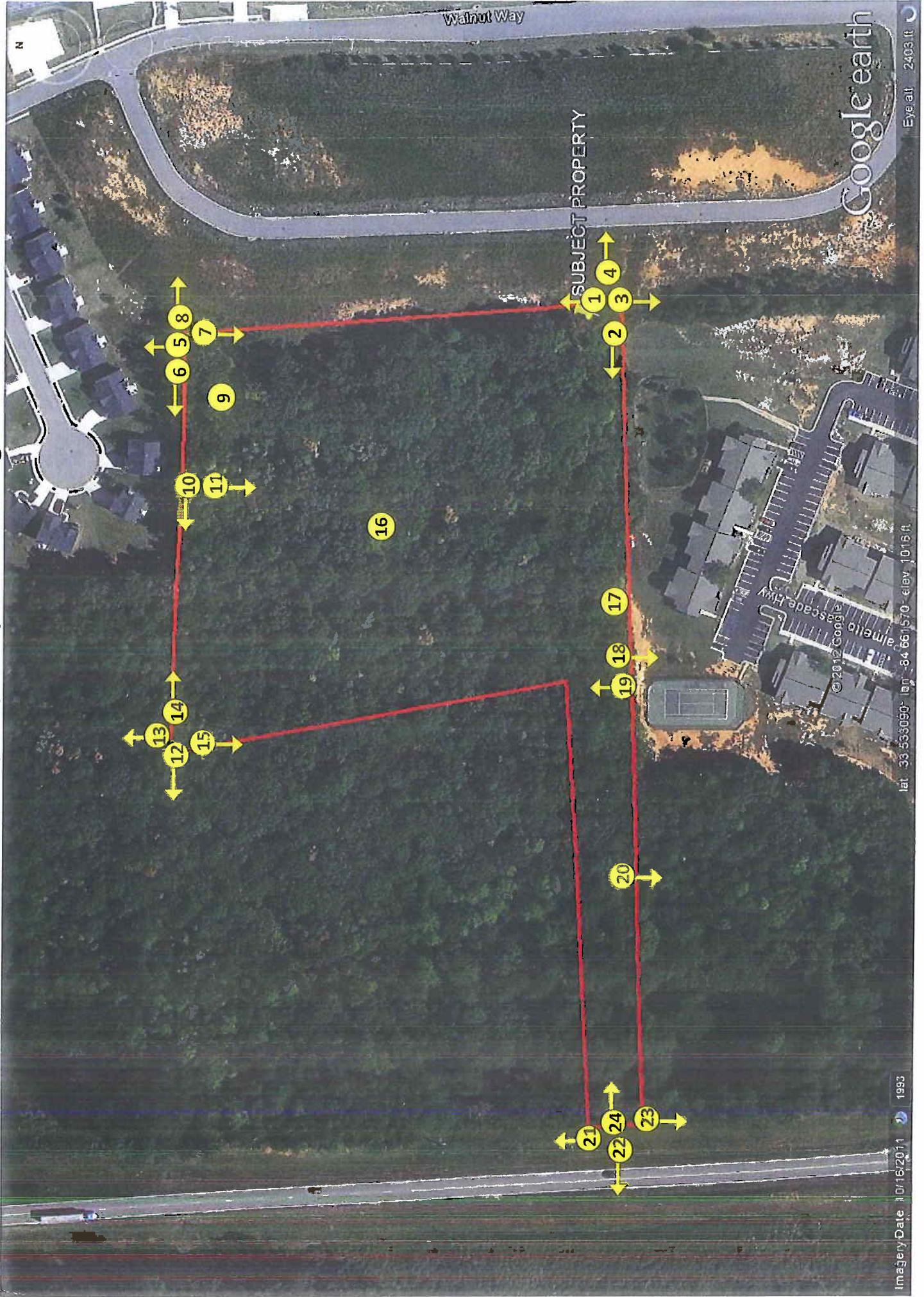
**GEC**  
GEOTECHNICAL & ENVIRONMENTAL  
CONSULTANTS, INC.

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 3, 2012)

**GEC**

# Photographic Map Key- Proposed Heritage Trace



SUBJECT PROPERTY

Walnut Way

almeida cascade hwy

N



Photograph 1: Looking north along the site's eastern boundary from the southeast corner of the site; subject property on the left, adjacent residential development in the background



Photograph 2: View from the southeast corner looking west along the site's southern boundary



Photograph 3: General view from the property's southeast corner looking south



Photograph 4: Facing east towards Walnut Way from the southeast corner of the site



Photograph 5: View of northeasterly adjacent residential development from the northeast property corner



Photograph 6: Looking west from the northeast property corner; subject property on the left, adjacent residential development on the right



Photograph 7: General view looking south down the eastern property boundary from the northeast corner of the site; subject property on right, adjacent open land on the left



Photograph 8: View from the northeast property corner toward easterly adjacent open land and Walnut Way



Photograph 9: View of drainage feature running towards the northeast corner of the site



Photograph 10: Facing west from the middle of the northern property boundary



Photograph 11: General interior view of the site from the northern property boundary



Photograph 12: View of westerly adjacent woodlands from the subject property's northwest corner



Photograph 13: View of adjacent woodlands, facing north from the property's northwest corner



Photograph 14: View from the subject property's northwest corner facing east



Photograph 15: Facing south down the property's western boundary from the northwest corner of the site



Photograph 16: Area observed on the central portion of the subject site that was holding water



Photograph 17: View of drainage piping observed on the southern property line near Palmetto Preserve



Photograph 18: View of adjacent residential property (The Palmetto Preserve ) located south of the subject property



Photograph 19: Interior view of the subject property from the site's southern boundary



Photograph 20: View of adjacent property southwest of the subject site



Photograph 21: Northerly view up Highway 154 from the entrance to the site; subject property on right, adjacent woodlands on left



Photograph 22: View facing west toward adjacent property across Highway 154 from the entrance to the subject site



Photograph 23: Southerly view down Highway 154 from the entrance to the subject property



Photograph 24: View looking eastward down the entrance of the subject site from the western side of the subject property

**APPENDIX C:  
Historical Research  
Documentation**

**GEC**

**DCA Proposed Heritage Trace**

Highway 154/Cascade Palmetto Highway

Palmetto, GA 30268

Inquiry Number: 3309612.23

April 27, 2012

**The EDR Aerial Photo Decade Package**



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://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:**

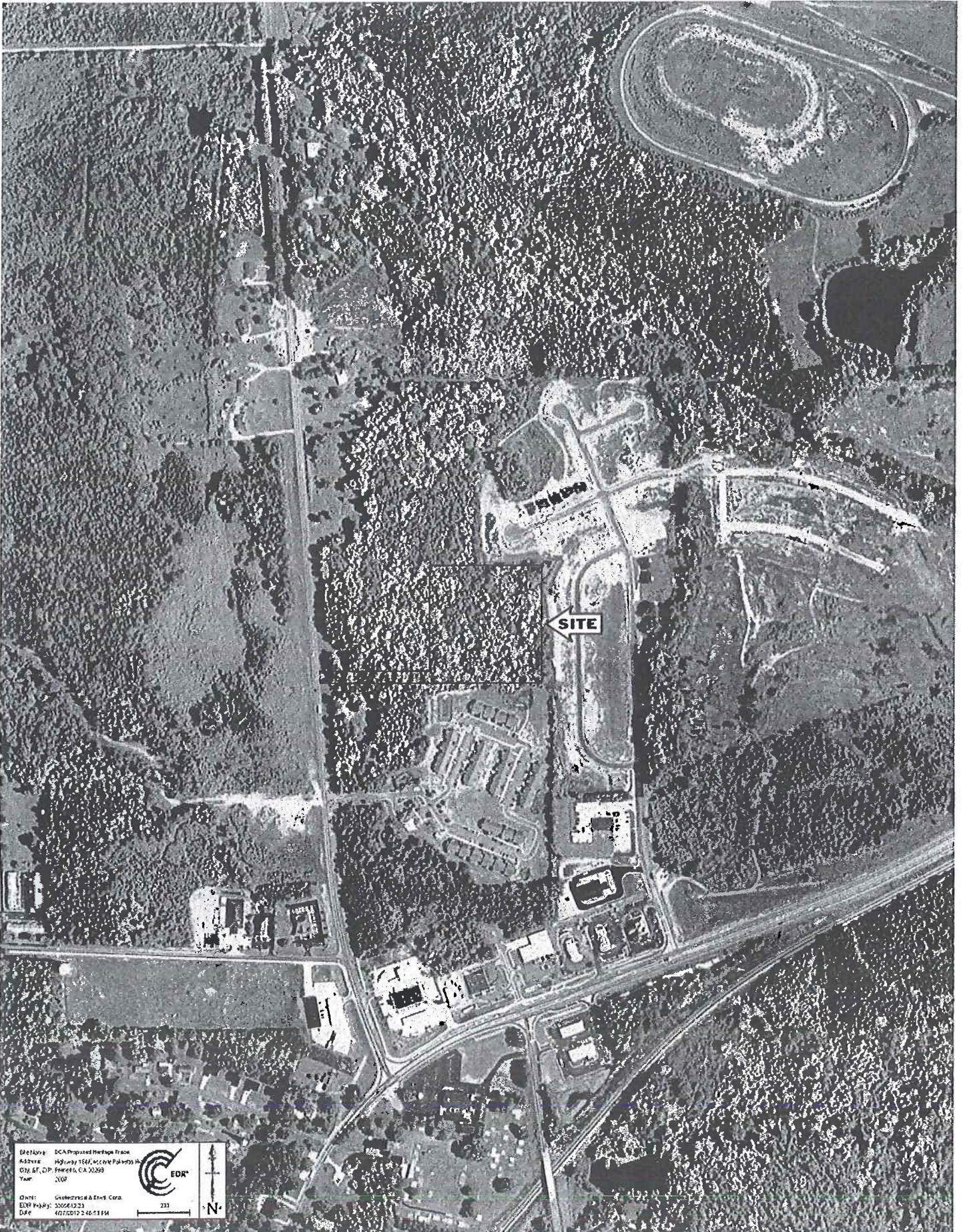
Aerial Photography April 27, 2012

**Target Property:**

Highway 154/Cascade Palmetto Highway

Palmetto, GA 30268

| <u>Year</u> | <u>Scale</u>                      | <u>Details</u>                            | <u>Source</u> |
|-------------|-----------------------------------|-------------------------------------------|---------------|
| 1938        | Aerial Photograph. Scale: 1"=476' | Flight Year: 1938                         | AAA           |
| 1942        | Aerial Photograph. Scale: 1"=476' | Flight Year: 1942                         | AAA           |
| 1955        | Aerial Photograph. Scale: 1"=476' | Flight Year: 1955                         | CSS           |
| 1960        | Aerial Photograph. Scale: 1"=476' | Flight Year: 1960                         | CSS           |
| 1972        | Aerial Photograph. Scale: 1"=476' | Flight Year: 1972                         | ASCS          |
| 1988        | Aerial Photograph. Scale: 1"=950' | Flight Year: 1988                         | USGS          |
| 1993        | Aerial Photograph. Scale: 1"=500' | /Composite DOQQ - acquisition dates: 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           |



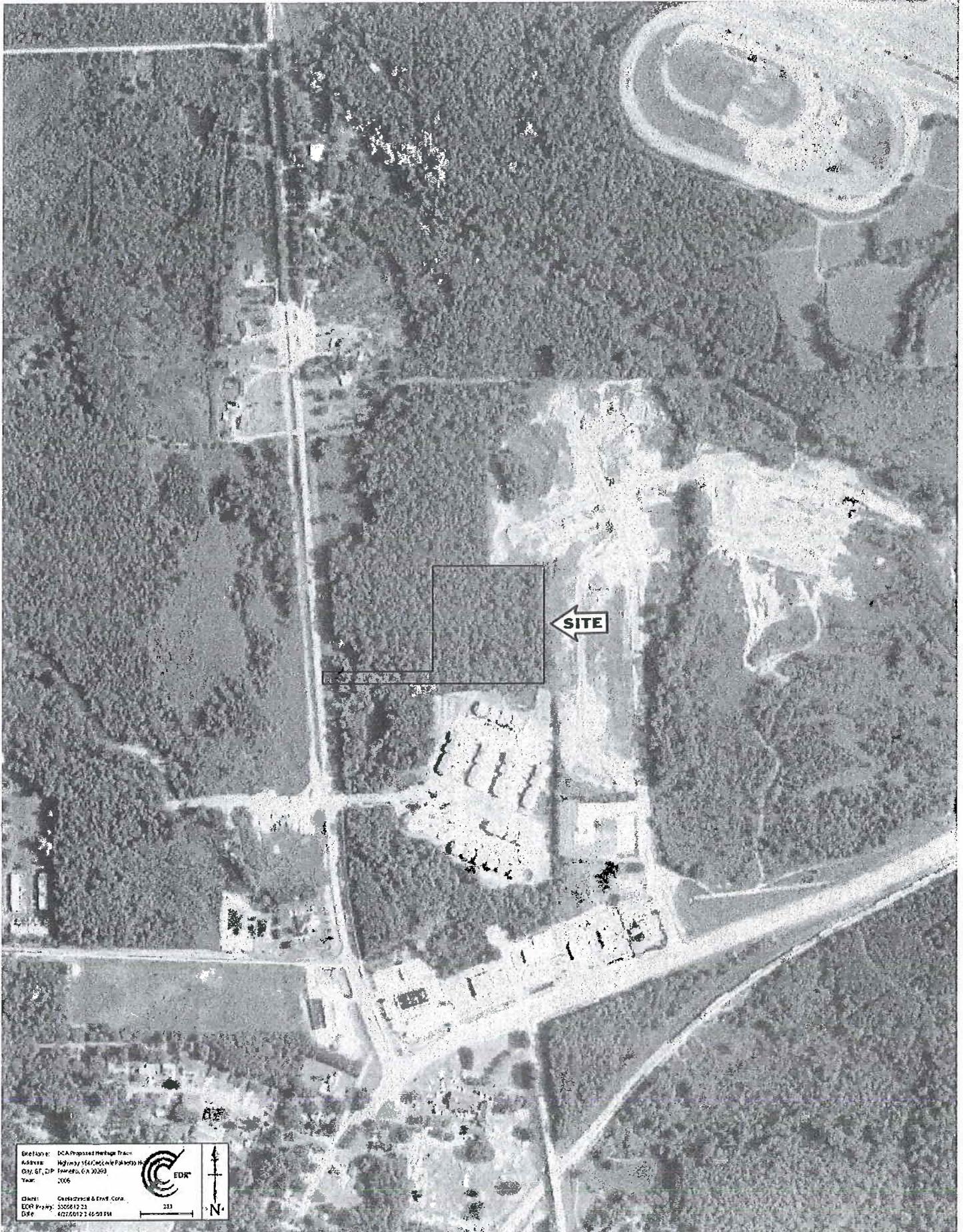
Client: DCA Proposed Heritage Trace  
Address: Highway 1166, 40000 Palmdale Blvd  
City: ST. DP, Palmdale, CA 93293  
Year: 2007  
Client: Geotechnical & Env't. Cons.  
EDR Proj#: 200601233  
Date: 02/20/07 2:46:01 PM



233



2007 Aerial Photograph



Director: DCA Proposed Heritage Trac  
Address: Highway 154/261 (w/ Falmouth Rd)  
City, ST, ZIP: Falmouth, GA 30833  
Year: 2006

Client: Coastal Environmental & Earth Care  
EDR Project: 20060123  
Date: 02/27/2012 10:28 PM



211

2006 Aerial Photograph

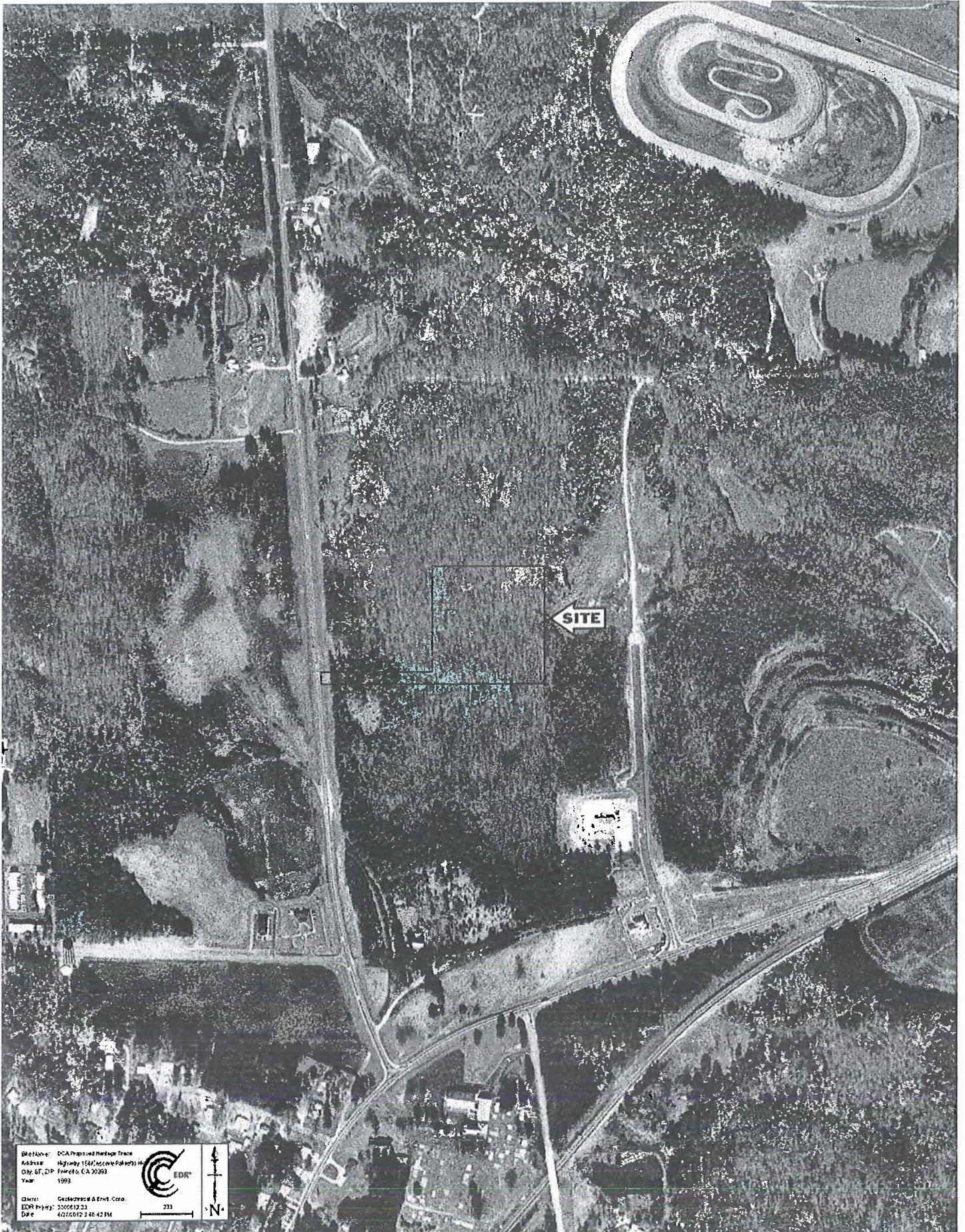


Site Name: DCA Proposed Heritage Trace  
Address: Highway 164/Cascade Parkway, Herndon, VA  
City, ST, ZIP: Fairfax, VA 22031  
Year: 2005  
Client: Geotechnical & Envir. Cons.  
EDR Proj. No.: 3329612.23  
Date: 4/27/2012 2:48:47 PM



233

2005 Aerial Photograph



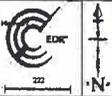
1993 Aerial Photograph







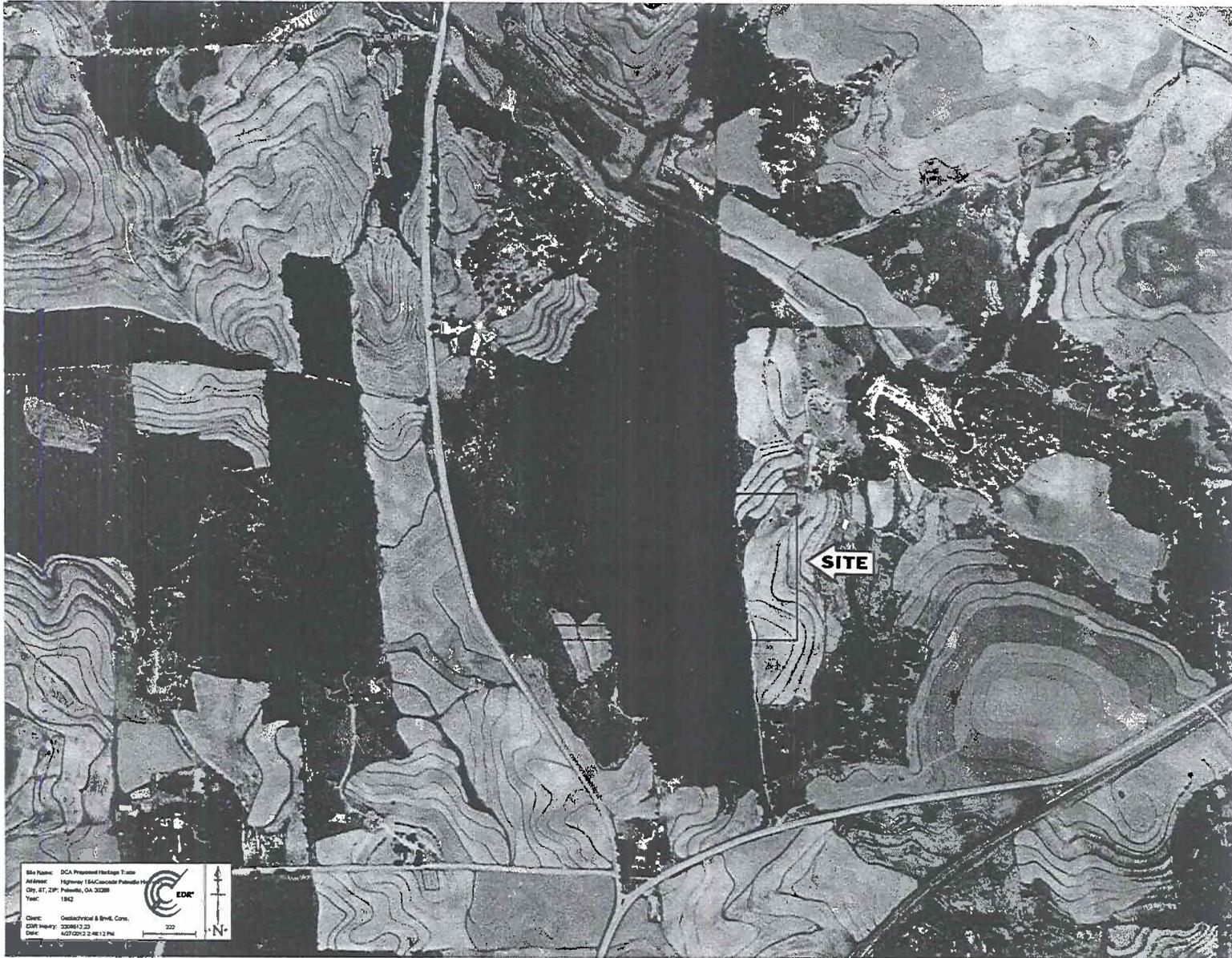
Site Name: DCA Proposed Heritage Trce  
Address: Highway 154, Casselle Peninsula H  
City, ST: 277, Peninsula, GA 30088  
Year: 1980  
Client: OneArchival & Serv. Cons.  
EDR Number: 22091232  
Date: 4/27/2012 2:48:23 PM



1960 Aerial Photograph



1955 Aerial Photograph



1942 Aerial Photograph



Site Name: DCA Proposed Heritage Tracer  
Address: Highway 154/Cascade Parkway N  
City, ST, ZIP: Parkville, OA 30298  
Year: 1938



Client: Gooden & Smith, Corp.  
ESRI MapX: 2/20/00 11:22  
Date: 6/27/2012 2:48:09 PM



1938 Aerial Photograph



**DCA Proposed Heritage Trace**

Highway 154/Cascade Palmetto Highway

Palmetto, GA 30268

Inquiry Number: 3309612.21

April 24, 2012

**Certified Sanborn® Map Report**



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

4/24/12

**Site Name:**  
DCA Proposed Heritage Trace  
Highway 154/Cascade  
Palmetto, GA 30268  
**EDR Inquiry #** 3309612.21

**Client Name:**  
Geotechnical & Env'tl. Cons.  
514 Hillcrest Industrial  
Macon, GA 31204  
**Contact:** Tameka Gordon



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](http://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:** DCA Proposed Heritage Trace  
**Address:** Highway 154/Cascade Palmetto Highway  
**City, State, Zip:** Palmetto, GA 30268  
**Cross Street:**  
**P.O. #** NA  
**Project:** 120312.240  
**Certification #** 3AEE-4F0C-A6D8



Sanborn® Library search results  
Certification # 3AEE-4F0C-A6D8

## 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.

**DCA Proposed Heritage Trace**

Highway 154/Cascade Palmetto Highway

Palmetto, GA 30268

Inquiry Number: 3309612.22

April 24, 2012

**EDR Historical Topographic Map Report**

# 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. EDRs 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.

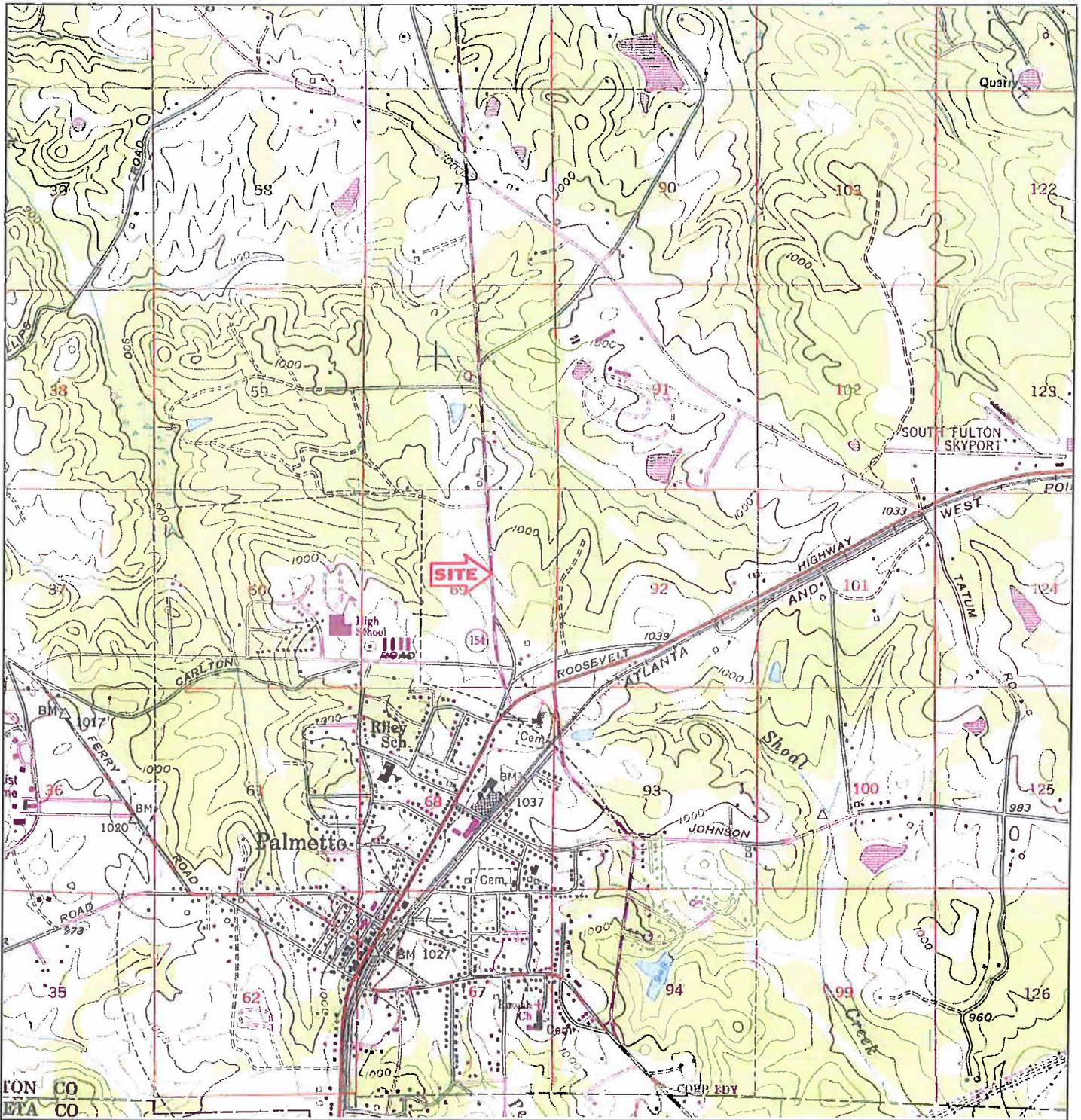
## Disclaimer - Copyright and Trademark Notice

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.

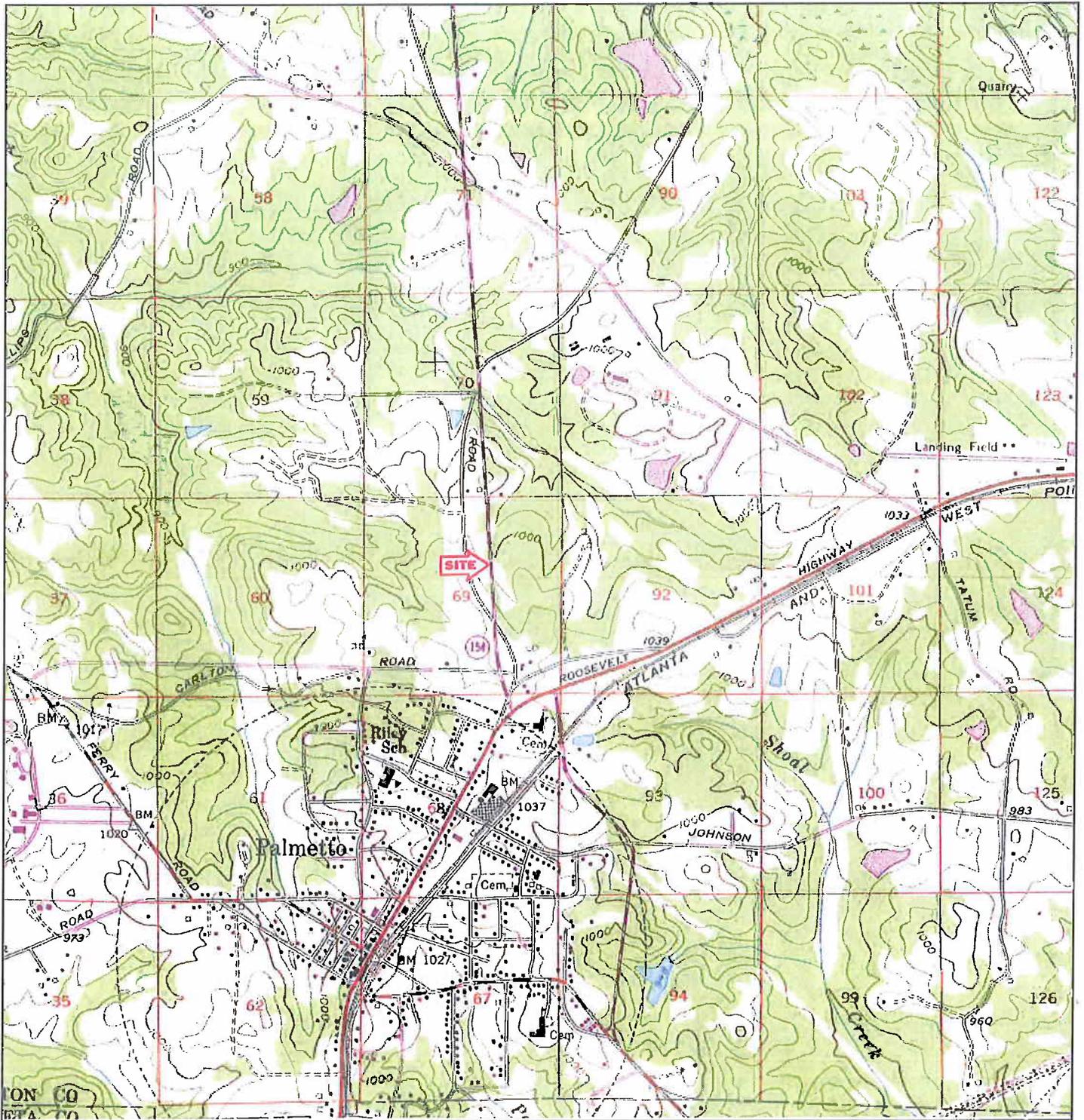
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

# Historical Topographic Map



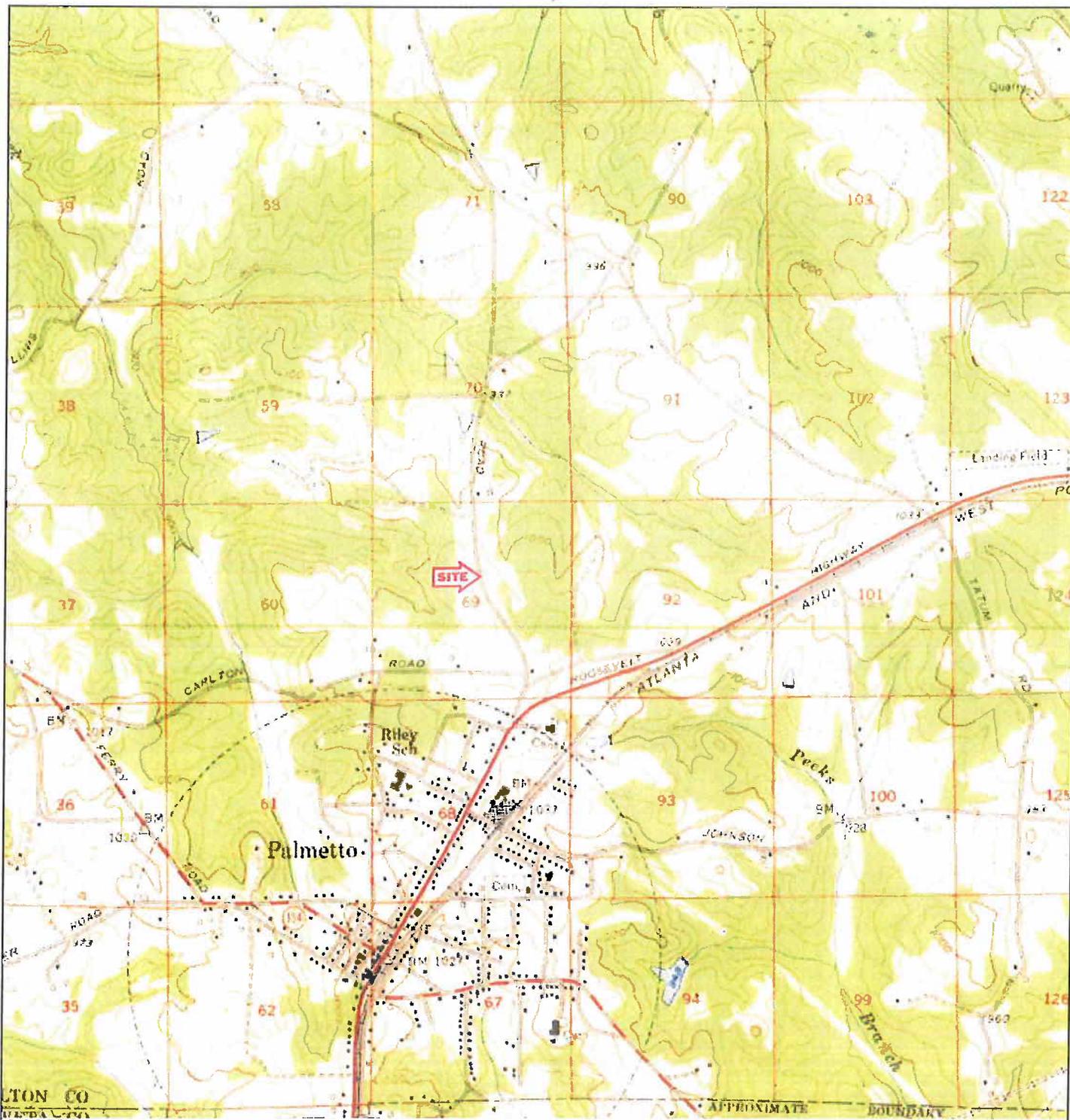
|                |                         |            |                                      |                |                             |
|----------------|-------------------------|------------|--------------------------------------|----------------|-----------------------------|
| <p>N<br/>↑</p> | TARGET QUAD             | SITE NAME: | DCA Proposed Heritage Trace          | CLIENT:        | Geotechnical & Envtl. Cons. |
|                | NAME: PALMETTO          | ADDRESS:   | Highway 154/Cascade Palmetto Highway | CONTACT:       | Tameka Gordon               |
|                | MAP YEAR: 1982          |            | Palmetto, GA 30268                   | INQUIRY#:      | 3309612.22                  |
|                | PHOTOREVISED FROM :1954 | LAT/LONG:  | 33.5334 / -84.6613                   | RESEARCH DATE: | 04/24/2012                  |
|                | SERIES: 7.5             |            |                                      |                |                             |
| SCALE: 1:24000 |                         |            |                                      |                |                             |

# Historical Topographic Map



|                |                         |            |                                      |                |                             |
|----------------|-------------------------|------------|--------------------------------------|----------------|-----------------------------|
| <p>N<br/>↑</p> | TARGET QUAD             | SITE NAME: | DCA Proposed Heritage Trace          | CLIENT:        | Geotechnical & Envtl. Cons. |
|                | NAME: PALMETTO          | ADDRESS:   | Highway 154/Cascade Palmetto Highway | CONTACT:       | Tameka Gordon               |
|                | MAP YEAR: 1968          |            | Palmetto, GA 30268                   | INQUIRY#:      | 3309612.22                  |
|                | PHOTOREVISED FROM :1954 | LAT/LONG:  | 33.5334 / -84.6613                   | RESEARCH DATE: | 04/24/2012                  |
|                | SERIES: 7.5             |            |                                      |                |                             |
|                | SCALE: 1:24000          |            |                                      |                |                             |

# Historical Topographic Map



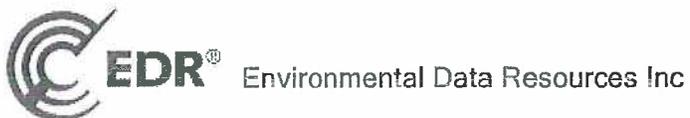
|                |                                                          |                                                                                                                        |                                                                                                                                   |
|----------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <p>N<br/>↑</p> | <p>TARGET QUAD<br/>NAME: PALMETTO<br/>MAP YEAR: 1954</p> | <p>SITE NAME: DCA Proposed Heritage Trace<br/>ADDRESS: Highway 154/Cascade Palmetto Highway<br/>Palmetto, GA 30268</p> | <p>CLIENT: Geotechnical &amp; Env'tl. Cons.<br/>CONTACT: Tameka Gordon<br/>INQUIRY#: 3309612.22<br/>RESEARCH DATE: 04/24/2012</p> |
|                | <p>SERIES: 7.5<br/>SCALE: 1:24000</p>                    | <p>LAT/LONG: 33.5334 / -84.6613</p>                                                                                    |                                                                                                                                   |

**DCA Proposed Heritage Trace**

Highway 154/Cascade Palmetto Highway  
Palmetto, GA 30268

Inquiry Number: 3309612.24  
April 30, 2012

## The EDR-City Directory Image Report



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

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

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

### RESEARCH SUMMARY

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

| <u>Year</u> | <u>Target Street</u>     | <u>Cross Street</u>      | <u>Source</u>         |
|-------------|--------------------------|--------------------------|-----------------------|
| 1997        | <input type="checkbox"/> | <input type="checkbox"/> | Polk's City Directory |
| 1988        | <input type="checkbox"/> | <input type="checkbox"/> | Polk's City Directory |
| 1982        | <input type="checkbox"/> | <input type="checkbox"/> | Polk's City Directory |
| 1976        | <input type="checkbox"/> | <input type="checkbox"/> | Polk's City Directory |
| 1973        | <input type="checkbox"/> | <input type="checkbox"/> | Polk's City Directory |

### 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.

## FINDINGS

### TARGET PROPERTY STREET

Highway 154/Cascade Palmetto Highway  
Palmetto, GA 30268

| <u>Year</u>                            | <u>CD Image</u> | <u>Source</u>         |                             |
|----------------------------------------|-----------------|-----------------------|-----------------------------|
| <b><u>Palmetto Cascade Highway</u></b> |                 |                       |                             |
| 1997                                   | -               | Polk's City Directory | Street not listed in Source |
| 1988                                   | -               | Polk's City Directory | Street not listed in Source |
| 1982                                   | -               | Polk's City Directory | Street not listed in Source |
| 1976                                   | -               | Polk's City Directory | Street not listed in Source |
| 1973                                   | -               | Polk's City Directory | Street not listed in Source |

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

**APPENDIX D:**  
**Title Company/ Professional**  
**Documentation**

CHAIN OF OWNERSHIP REVIEW  
(for Environmental Phase 1 purposes)

Job #: 120312.240

Date: 5/14/12

**Tax Parcel #:** 07-3100-0069-146

**Owner:** SFG REO, LLC

**Address:** — Cascade-Palmetto Highway

**Location:** Land Lot 69 of the 7<sup>th</sup> District of Fulton County

+++Tax Assessors records indicated the site is composed of 13 acres and is currently reported vacant.

++The deed record indicated the site was part of a larger tract which was owned by the Ballard family from at least the early 1900's until sold to Veleta Roan Morris in 1979. The Morris family sold the site out of the larger tract in 2003. The site passed through several owners until deeded to the current owner in 2011.

— 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 07-3100-0069-146**

| Record # | Instrument Date | Instrument Type | Grantor                                                                                                                          | Grantee                                               | Property Description / Notes                                      | Book / Page         |
|----------|-----------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------|---------------------|
| A        | 12/4/1927       | Executors       | The Executor of the Estate of Lexi Ballard                                                                                       | J.H. Ballard                                          | 162 acres in LL's 68; 69; 92; 93                                  | Campbell Co. 30/112 |
| B        | 12/31/1964      | Executors       | The Executor of the Estate of Jacob Howard Ballard                                                                               | Helen H. Smith and Ballard Hudson                     | 147.02 acres in LL's 68; 69; 92; 93 (less & except)               | 4360/302            |
| C        | 12/15/1965      | WD              | Helen H. Smith                                                                                                                   | Ballard Hudson                                        | ½ interest in 147.02 acres in LL's 68; 69; 92; 93 (less & except) | 4526/301            |
| D        | 11/30/1979      | Executors       | The Executrix of the Estate of Ballard Hudson                                                                                    | Veleta Roan Morris                                    | 147.02 acres in LL's 68; 69; 92; 93 (less & except)               | 7429/158            |
| E        | 2/7/2003        | Administrators  | Donald L. Carlson as Administrator of the Estate of Valeta Roan Morris and Velta Emolyn Morris k/n/a Velta Emolyn Morris Carlson | Cooperative Resource Center, Inc.                     | 13 acres in LL 69                                                 | 34176/398           |
| F        | 5/27/2005       | WD              | Cooperative Resource Center, Inc.                                                                                                | Mandalay Properties, Inc. and Southern Lumber II, LLC | 13 acres in LL 69                                                 | 40184/660           |
| G        | 5/27/2005       | WD              | Mandalay Properties, Inc. and Southern Lumber II, LLC                                                                            | West Panola, LLC                                      | 13 acres in LL 69                                                 | 40184/662           |
| H        | 5/27/2005       | WD              | West Panola, LLC                                                                                                                 | Mac Holdings of Fulton County, LLC                    | 13 acres in LL 69                                                 | 40184/664           |
| I        | 12/21/2006      | QC              | Mac Holdings of Fulton County, LLC                                                                                               | Jeffrey R. Grant                                      | 13 acres in LL 69                                                 | 44159/295           |
| J        | 5/6/2008        | DUPS            | Jeffrey R. Grant a/k/a Jeffrey R. Grant by his Attorney in Fact                                                                  | First City Bank                                       | 13 acres in LL 69                                                 | 46734/407           |
| K        | 6/6/2008        | QC              | First City Bank                                                                                                                  | First Citizens Bank                                   | 13 acres in LL 69                                                 | 46861/622           |
| L        | 10/14/2011      | WD              | First Citizens Bank                                                                                                              | SFG REO, LLC                                          | 13 acres in LL 69                                                 | 50496/265           |

[ SPACE ABOVE THIS LINE FOR RECORDING DATA ]

Revised Recorded Document to:  
WINDA, SHEAROUSE, WEITZ, GREENBERG & SHAW, LLP  
Attn: Mark T. Shaw  
14 E. State Street  
Savannah, Georgia 31401

STATE OF GEORGIA  
COUNTY OF HENRY

LIMITED WARRANTY DEED

THIS LIMITED WARRANTY DEED, made this 14th day of October, 2011, between FIRST CITIZENS BANK, as party or parties of the first part, hereinafter called Grantor, and SFG REO, LLC, 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:

WHEREAS, that Grantor, for and in consideration of the sum of TEN AND 00/100'S (\$10.00) Dollars and other good and valuable consideration in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold, conveyed and confirmed, and by these presents does grant, bargain, sell, convey and confirm unto Grantee, the following described property, to-wit:

ALL that tract or parcel of land lying and being in Land Lot 69, of the 7<sup>th</sup> District, City of Palmetto, Fulton County, Georgia, and being more particularly described as follows: Commence at the common corner of Land Lots #69, 70, 91 & 92; proceed thence south 01 degree 17 minutes 28 seconds west, a distance of 863.85 feet along the common land lot line of Land Lot 69 and Land Lot 92 to a point; said point being the Point of Beginning. Proceed thence south 01 degree 17 minutes 28 seconds west, a distance of 326.27 feet to a point; proceed thence south 88 degrees 04 minutes 13 seconds west, a distance of 994.57 feet to a point on the easterly right of way line of State Route 154 (having a 150 foot right of way); proceed thence north 01 degree 36 minutes 20 seconds west along the eastern right of way of State Route 154, a distance of 397.35 feet to a point; proceed thence south 87 degrees 54 minutes 01 seconds east, leaving said right of way, a distance of 1,023.29 feet to the Point of Beginning.

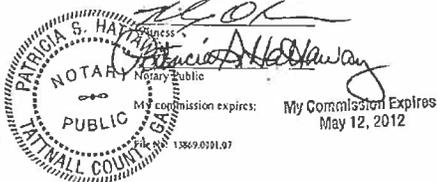
Said tract of land containing 13.00 Acres, more or less, and further described on a Boundary Survey dated April 16, 2001, by W. R. Franks, Georgia Registered Land Surveyor No. 871.

This being the same property conveyed to FIRST CITIZENS BANK under Instrument recorded in Deed Record Book 46861, Page 622 aforesaid records and having Property LID. No.: 07-3100-0069-146-7.

TO HAVE AND TO HOLD the said tract or parcel of land with all and singular the rights, incidents and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoove of the said Grantee forever in FEE SIMPLE. Grantor expressly covenants that Grantor is seized of said property in good fee simple title and that Grantor has the full right, power and authority to convey the same; that the said property and the Grantor thereof are free and clear of any liens, claims or encumbrances whatever whereby the title to said property may in anywise be charged, changed, impaired or defeated and that the Grantor will forever WARRANT and DEFEND the said premises against the lawful claims of all persons owning, holding or claiming by, through or under the said Grantor.

IN WITNESS WHEREOF, Grantor has executed this instrument by and through its duly authorized Corporate Officers with the Corporate Seal affixed thereto on the day and year first above written.

Signed, sealed and delivered in the presence of:



FIRST CITIZENS BANK  
By: *[Signature]* Its President  
Attest: *[Signature]* Its Ass't V.P.

PARID: 07 310000691467  
FIRST CITIZENS BANK

0 CASCADE PALMETTO HWY

**Parcel**

|               |                               |
|---------------|-------------------------------|
| Parcel ID     | 07 -3100-0069-146-7           |
| Address       | 0 CASCADE PALMETTO HWY        |
| City          | PAL                           |
| Neighborhood  | C704                          |
| Class         | C4                            |
| Land Use Code | 300-Vacant Commercial Land ** |
| Acres         | 13                            |
| Utilities     | 1-ALL PUBLIC/-/-              |
| Tax District  | 40                            |
| Tax Year      | 2011                          |

**Owner(s)**

|              |                     |
|--------------|---------------------|
| Owner Name   | FIRST CITIZENS BANK |
| Owner Name 2 |                     |

**Disclaimer**

Fulton County, Georgia makes every effort to ensure the accuracy of its Web pages; however, it is possible that some changes may occur when inputting information from its original source. Therefore, the information provided herein is without guarantee, condition, express or implied warranty or representation of any kind whatsoever. Your use of and browsing in this website are at your sole risk. In the case of any errors or discrepancies, including deadline dates for the submission of any materials, the official printed documents maintained in the various County departments and offices will take precedence. Fulton County and its officials, employees and agents disclaim all liability, whether direct, consequential, incidental, special, or claim for attorney's fees, arising out of your use of or inability to use the information contained herein. Fulton County and its officials, employees and agents also assume no responsibility, and shall not be liable for, any damages to, or viruses that may infect your computer equipment or other property on account of your access to, use of, or browsing in the site or your downloading of any materials, data, text, or images from the site.

PARID: 07 310000691467  
 FIRST CITIZENS BANK

0 CASCADE PALMETTO HWY

### Sales

| Sale Date | Sale Price | Grantee                       | Grantor                             |
|-----------|------------|-------------------------------|-------------------------------------|
| 14-OCT-11 | \$341,250  | SFG REO LLC                   | FIRST CITIZENS BANK                 |
| 06-JUN-08 | \$0        | FIRST CITIZENS BANK           | FIRSTCITY BANK                      |
| 06-MAY-08 | \$0        | FIRSTCITY BANK                | GRANT JEFFERY R                     |
| 21-DEC-06 | \$930,266  | GRANT JEFFERY R               | MAC HOLDINGS OF FULTON COUNTY L L C |
| 27-MAY-05 | \$848,000  | MAC HOLDINGS OF FULTON COUNTY | WEST PANOLA LLC                     |
| 27-MAY-05 | \$470,000  | MANDALAY PROPERTIES INC &     | COOPERATIVE RESOURCE CENTER         |
| 27-MAY-05 | \$848,000  | WEST PANOLA LLC               | MANDALAY PROPERTIES INC             |

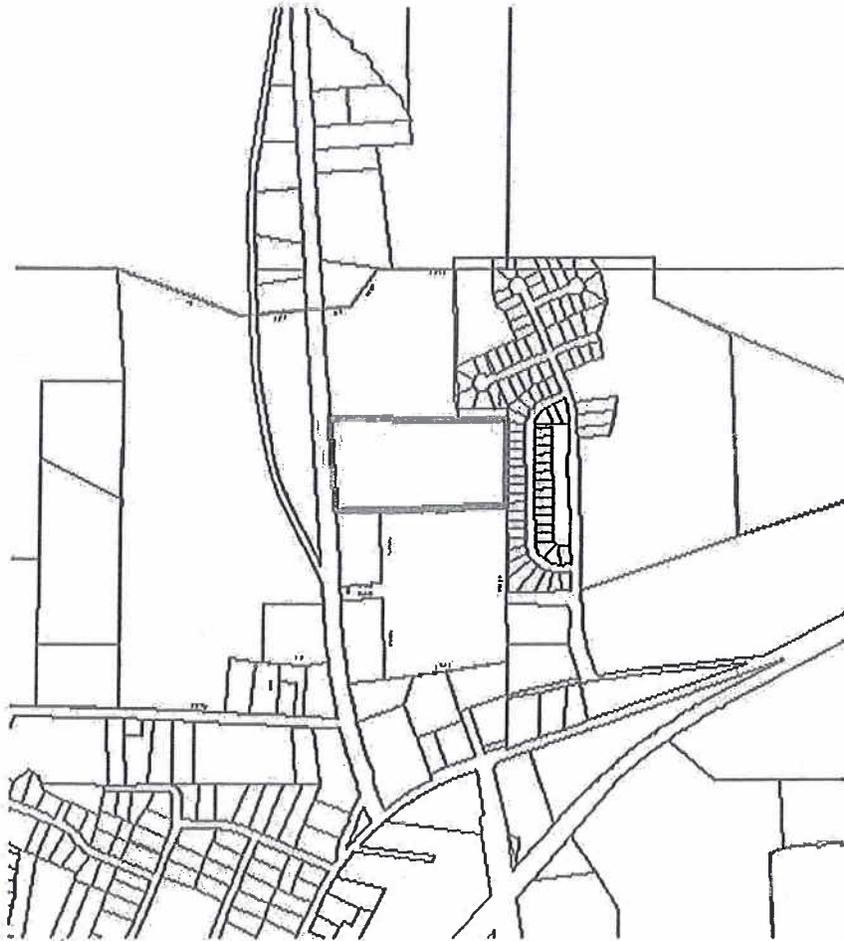
### Sale Details

1 of 7

|            |                     |
|------------|---------------------|
| Sale Date  | 14-OCT-11           |
| Sale Price | \$341,250           |
| Grantee    | SFG REO LLC         |
| Grantor    | FIRST CITIZENS BANK |
| Book       | 50496               |
| Page       | 0265                |

### Disclaimer

**Fulton County, Georgia makes every effort to ensure the accuracy of its Web pages; however, it is possible that some changes may occur when inputting information from its original source. Therefore, the information provided herein is without guarantee, condition, express or implied warranty or representation of any kind whatsoever. Your use of and browsing in this website are at your sole risk. In the case of any errors or discrepancies, including deadline dates for the submission of any materials, the official printed documents maintained in the various County departments and offices will take precedence. Fulton County and its officials, employees and agents disclaim all liability, whether direct, consequential, incidental, special, or claim for attorney's fees, arising out of your use of or inability to use the information contained herein. Fulton County and its officials, employees and agents also assume no responsibility, and shall not be liable for, any damages to, or viruses that may infect your computer equipment or other property on account of your access to, use of, or browsing in the site or your downloading of any materials, data, text, or images from the site.**



Office, Inc., P.C.  
10 WEST STONEWALL AVENUE  
P.O. BOX 28  
DAYTONVILLE, GEORGIA 3021  
(770) 461-4226

STATE OF GEORGIA  
COWETA COUNTY

IN THE PROBATE COURT

I, Mary T. Cranford, Judge of the Probate Court of said County, and ex-officio Clerk of the Probate Court certify that the attached and foregoing Three (3) pages of printing and writing contains a true, full and complete copy of the Last Will and Testament of Veleta Roan Morris, Deceased, as the same appears of record and file in my office.

Witness my hand the seal of said court,

at Newnan, this January 11, 2002

Mary T. Cranford, Judge

By: *Juanita Hicks*  
Clerk, Probate Court Coweta County

Deed Book 31721 Pg 55  
Filed and Recorded Jan-24-2002 03:33pm  
2002-0026058  
Real Estate Transfer Tax \$0.00  
Juanita Hicks  
Clerk of Superior Court  
Fulton County, Georgia  
I have read the foregoing and find it to be a true and correct copy of the original as the same appears of record and file in my office.

GEORGIA, FULTON COUNTY

I, Mrs. Veleta Roan Morris, of said state and county, being of sound and disposing mind and memory, do make, publish and declare this my last will and testament, hereby revoking any and all other wills heretofore made by me.

-1-

It is my will and desire that my body be buried in a Christian-like manner in keeping with my station and condition in life, the place and details of which I leave to my Executor hereinafter named.

-2-

It is my will and desire that all of my just debts, if any be owing by me at my death, be paid as soon as practical after my death.

-3-

I hereby will, devise and bequeath all of my property, both realty and personalty, of every nature whatsoever and wheresoever located or situated, to my daughter, Veleta Emolyn Morris, to be hers absolutely and in fee simple.

-4-

If I should die before my said daughter becomes of age, then and in that event, I hereby nominate, constitute and appoint Ballard Hudson as Testamentary Guardian of the person and property of my said daughter, it being my will that he have complete custody and control of my said daughter and her property. I hereby expressly relieve said Guardian from giving any bond as such Guardian and from making any returns of his acts to any Court whatsoever. I further hereby expressly confer upon him as such Testamentary Guardian full and complete power to manage the estate of my said daughter in his uncontrolled discretion, and I further hereby direct him to turn property left by me to her over to my said daughter at the time she reaches the age of twenty-three or any time after she reaches the age of twenty-one, when he thinks it best to do so in his uncontrolled discretion. I further hereby confer upon him as such Guardian the right to sell any part or all of the property belonging to my said daughter at public or private sale

v. R. m.

without advertising and without any order of Court. He is further hereby expressly empowered as such Testamentary Guardian to sell any part or all of her property for the purpose of re-investment for such price and on such terms as he may deem best in his uncontrolled discretion. This he may do either at public or private sale without advertising and without any order of Court. He is further hereby expressly authorized to encroach upon the corpus of the estate of my said daughter without any order of Court as he may deem best in his uncontrolled discretion for the purpose of maintenance and education of my said daughter. He is further hereby expressly empowered to do all other acts, including the making of necessary deeds of conveyance, mortgages, loan deeds and any other papers which may be necessary to carry out his acts in the management of my said daughter's affairs in any manner he may deem best for her interest in the management of her estate.

-5-

In making this will, I am not forgetting my husband, Marion C. Morris, from whom I am now separated, but since he has failed in his duties to me as a wife, it is my desire that he have none of my property, but that all of same be given to my daughter as above directed.

v. R. m

-6-

I hereby name, constitute and appoint Ballard Hudson as sole Executor of this my last will and testament and give him power as such to administer my estate, hereby expressly relieving him from giving any bond, making any inventory or return of his actions to any Court whatsoever. I further hereby expressly confer upon him power as such Executor to sell any part or all of my property at public or private sale without advertisement and without any order of Court.

This the 20 day of July, 1948.

Velita Rose Morris (L.S.)

Signed, sealed, declared and published by Mrs. Veleta  
Roan Morris of said state and county as her last will and testa-  
ment in the presence of us, the undersigned, as witnesses, she  
first signing in our presence and we then, at her special in-  
stance and request, signing in her presence and in the presence  
of each other, this the 30 day of July, 1945.

J. R. Shell  
E. J. Cotton  
W. J. Cotton

4

U. R. L. E.

PARID: 07 31000691467  
FIRST CITIZENS BANK

0 CASCADE PALMETTO HWY

### Parcel

|               |                               |
|---------------|-------------------------------|
| Parcel ID     | 07 -3100-0069-146-7           |
| Address       | 0 CASCADE PALMETTO HWY        |
| City          | PAL                           |
| Neighborhood  | C704                          |
| Class         | C4                            |
| Land Use Code | 300-Vacant Commercial Land ** |
| Acres         | 13                            |
| Utilities     | 1-ALL PUBLIC/-/-              |
| Tax District  | 40                            |
| Tax Year      | 2011                          |

### Owner(s)

|              |                     |
|--------------|---------------------|
| Owner Name   | FIRST CITIZENS BANK |
| Owner Name 2 |                     |

### Disclaimer

**Fulton County, Georgia makes every effort to ensure the accuracy of its Web pages; however, it is possible that some changes may occur when inputting information from its original source. Therefore, the information provided herein is without guarantee, condition, express or implied warranty or representation of any kind whatsoever. Your use of and browsing in this website are at your sole risk. In the case of any errors or discrepancies, including deadline dates for the submission of any materials, the official printed documents maintained in the various County departments and offices will take precedence. Fulton County and its officials, employees and agents disclaim all liability, whether direct, consequential, incidental, special, or claim for attorney's fees, arising out of your use of or inability to use the information contained herein. Fulton County and its officials, employees and agents also assume no responsibility, and shall not be liable for, any damages to, or viruses that may infect your computer equipment or other property on account of your access to, use of, or browsing in the site or your downloading of any materials, data, text, or images from the site.**

**PARID: 07 310000691467**  
**FIRST CITIZENS BANK**

**0 CASCADE PALMETTO HWY**

### Sales

| Sale Date | Sale Price | Grantee                       | Grantor                             |
|-----------|------------|-------------------------------|-------------------------------------|
| 14-OCT-11 | \$341,250  | SFG REO LLC                   | FIRST CITIZENS BANK                 |
| 06-JUN-08 | \$0        | FIRST CITIZENS BANK           | FIRSTCITY BANK                      |
| 06-MAY-08 | \$0        | FIRSTCITY BANK                | GRANT JEFFERY R                     |
| 21-DEC-06 | \$930,266  | GRANT JEFFERY R               | MAC HOLDINGS OF FULTON COUNTY L L C |
| 27-MAY-05 | \$848,000  | MAC HOLDINGS OF FULTON COUNTY | WEST PANOLA LLC                     |
| 27-MAY-05 | \$470,000  | MANDALAY PROPERTIES INC &     | COOPERATIVE RESOURCE CENTER         |
| 27-MAY-05 | \$848,000  | WEST PANOLA LLC               | MANDALAY PROPERTIES INC             |

### Sale Details

1 of 7

|            |                     |
|------------|---------------------|
| Sale Date  | 14-OCT-11           |
| Sale Price | \$341,250           |
| Grantee    | SFG REO LLC         |
| Grantor    | FIRST CITIZENS BANK |
| Book       | 50496               |
| Page       | 0265                |

### Disclaimer

**Fulton County, Georgia makes every effort to ensure the accuracy of its Web pages; however, it is possible that some changes may occur when inputting information from its original source. Therefore, the information provided herein is without guarantee, condition, express or implied warranty or representation of any kind whatsoever. Your use of and browsing in this website are at your sole risk. In the case of any errors or discrepancies, including deadline dates for the submission of any materials, the official printed documents maintained in the various County departments and offices will take precedence. Fulton County and its officials, employees and agents disclaim all liability, whether direct, consequential, incidental, special, or claim for attorney's fees, arising out of your use of or inability to use the information contained herein. Fulton County and its officials, employees and agents also assume no responsibility, and shall not be liable for, any damages to, or viruses that may infect your computer equipment or other property on account of your access to, use of, or browsing in the site or your downloading of any materials, data, text, or images from the site.**



# APPENDIX E

## Non-Scope Testing

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

**GEC**

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

**GEC**

# **EDR Vapor Encroachment**

**GEC**

**DCA Proposed Heritage Trace**

Highway 154/Cascade Palmetto Highway  
Palmetto, GA 30268

Inquiry Number: 3309612.26s

April 27, 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](http://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).

|                                                                         | Maximum Search Distance* | Summary  |      |            |
|-------------------------------------------------------------------------|--------------------------|----------|------|------------|
|                                                                         |                          | property | 1/10 | 1/10 - 1/3 |
| <b>STANDARD ENVIRONMENTAL RECORDS</b>                                   |                          |          |      |            |
| 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    | 1          |
| 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          |
| <b>HISTORICAL USE RECORDS</b>                                           |                          |          |      |            |
| 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

DCA PROPOSED HERITAGE TRACE  
HIGHWAY 154/CASCADE PALMETTO HIGHWAY  
PALMETTO, GA 30268

### COORDINATES

|                   |                               |
|-------------------|-------------------------------|
| Latitude (North): | 33.5334 - 33° 32' 0.24536133" |
| Longitude (West): | 84.6613 - 84° 39' 40.682373"  |
| Elevation:        | 1001 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: CECIL  
 Soil Surface Texture: sandy clay loam  
 Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.  
 Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.  
 Hydric Status: Hydric Status: Soil does not meet the requirements for a hydric soil.  
 Corrosion Potential - Uncoated Steel: HIGH  
 Depth to Bedrock Min: > 60 inches  
 Depth to Bedrock Max: > 60 inches

| Soil Layer Information |          |          |                    |                                                                       |                                                            |                           |                        |
|------------------------|----------|----------|--------------------|-----------------------------------------------------------------------|------------------------------------------------------------|---------------------------|------------------------|
| Layer                  | Boundary |          | Soil Texture Class | Classification                                                        |                                                            | Permeability Rate (in/hr) | Soil Reaction (pH)     |
|                        | Upper    | Lower    |                    | AASHTO Group                                                          | Unified Soil                                               |                           |                        |
| 1                      | 0 inches | 7 inches | sandy clay loam    | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 2.00<br>Min: 0.60    | Max: 6.50<br>Min: 4.50 |

## 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                      | 7 inches  | 11 inches | sandy clay loam    | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.  | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.                    | Max: 2.00<br>Min: 0.60    | Max: 5.50<br>Min: 4.50 |
| 3                      | 11 inches | 50 inches | clay               | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt. | Max: 2.00<br>Min: 0.60    | Max: 5.50<br>Min: 4.50 |
| 4                      | 50 inches | 75 inches | variable           | Not reported                                                           | Not reported                                                                  | Max: 0.00<br>Min: 0.00    | Max: 0.00<br>Min: 0.00 |

### OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: sandy loam  
loam  
fine sandy loam

Surficial Soil Types: sandy loam  
loam  
fine sandy loam

Shallow Soil Types: clay  
sandy clay  
gravelly - loam

Deeper Soil Types: loamy fine sand  
sandy loam  
weathered bedrock

# 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> |
|------------------------------------------------------------------------------------------------|------------------------|-----------------|---------------|-------------|
| GEORGIA FOOD & GAS INC DBA PALMETTO SHELL<br>LUST: State and tribal leaking storage tank lists | 400 CARLTON RD SUITE B | 1/10 - 1/3 SSW  | 1             | 10          |

## HISTORICAL USE RECORDS

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

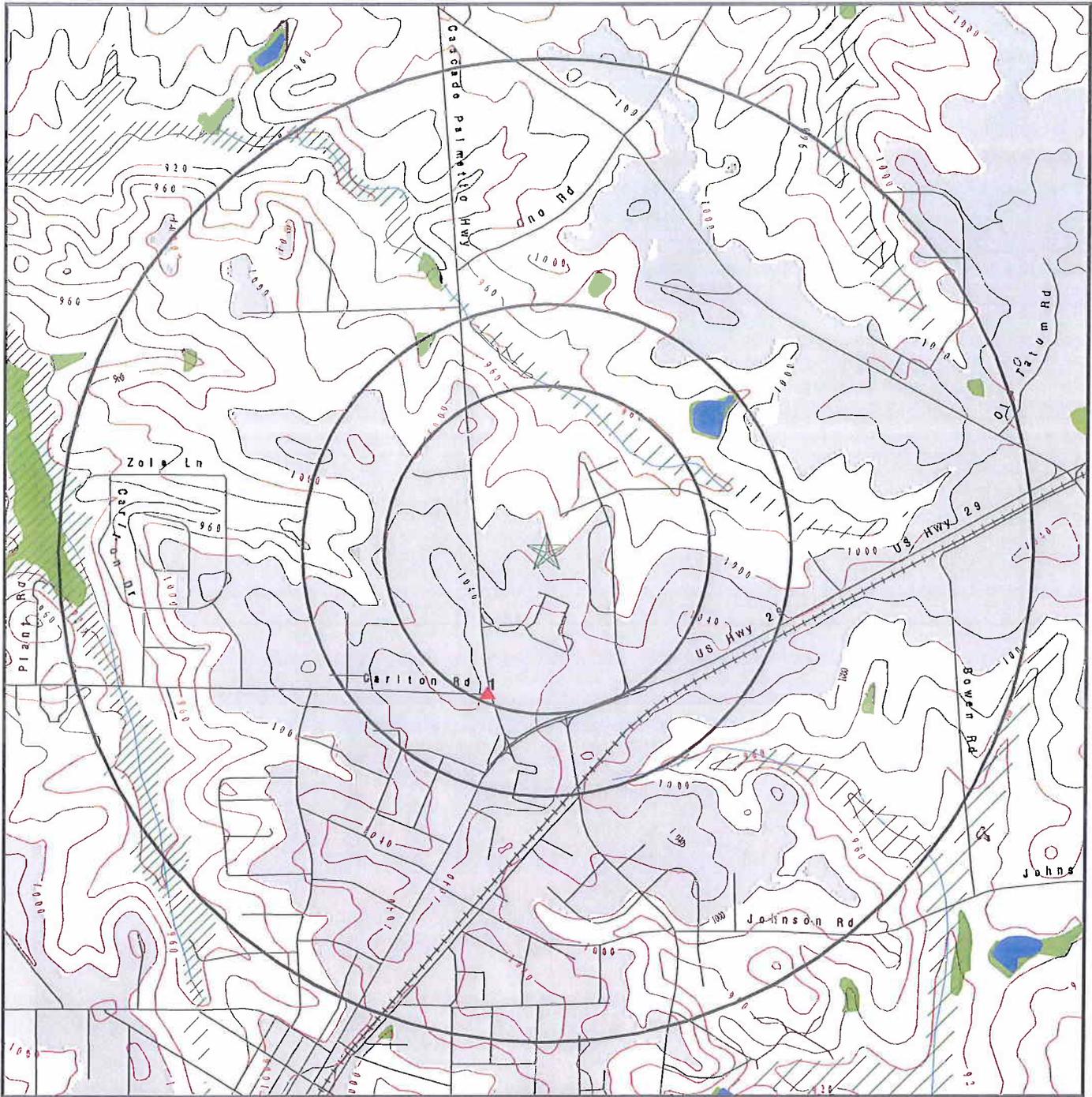
PRIMARY MAP - 3309612.26s



- ★ 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
- 🛢 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

|                                                                                                                                                                                                          |                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>SITE NAME: DCA Proposed Heritage Trace<br/>                 ADDRESS: Highway 154/Cascade Palmetto Highway<br/>                 Palmetto GA 30268<br/>                 LAT/LONG: 33.5334 / 84.6613</p> | <p>CLIENT: Geotechnical &amp; Envtl. Cons.<br/>                 CONTACT: Tameka Gordon<br/>                 INQUIRY #: 3309612.26s<br/>                 DATE: April 24, 2012 4:12 pm</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# SECONDARY MAP - 3309612.26s



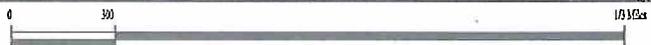
- \* Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ▼ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Contour Lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Upgradient Area



**SITE NAME:** DCA Proposed Heritage Trace  
**ADDRESS:** Highway 154/Cascade Palmetto Highway  
 Palmetto GA 30268  
**LAT/LONG:** 33.5334 / 84.6613

**CLIENT:** Geotechnical & Env'tl. Cons.  
**CONTACT:** Tameka Gordon  
**INQUIRY #:** 3309612.26s  
**DATE:** April 24, 2012 4:11 pm

**AERIAL PHOTOGRAPHY - 3309612.26s**



**SITE NAME:** DCA Proposed Heritage Trace  
**ADDRESS:** Highway 154/Cascade Palmetto Highway  
Palmetto GA 30268  
**LAT/LONG:** 33.5334 / 84.6613

**CLIENT:** Geotechnical & Envtl. Cons.  
**CONTACT:** Tameka Gordon  
**INQUIRY #:** 3309612.26s  
**DATE:** April 24, 2012 4:13 pm

MAP FINDINGS

**LEGEND**

| FACILITY NAME<br>FACILITY ADDRESS, CITY, ST, ZIP                                      |                          | EDR SITE ID NUMBER      |                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------|--------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ▼ MAP ID#                                                                             | Direction Distance Range | (Distance feet / miles) | ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency. |
|                                                                                       | Relative Elevation       | Feet Above Sea Level    |                                                                                                                                                                                                                                |
| <b>Worksheet:</b>                                                                     |                          |                         |                                                                                                                                                                                                                                |
| <b>Comments:</b><br>Comments may be added on the online Vapor Encroachment Worksheet. |                          |                         |                                                                                                                                                                                                                                |

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

| GEORGIA FOOD & GAS INC DBA PALMETTO SHELL<br>400 CARLTON RD SUITE B, PALMETTO, GA, 30268 |                         | S110591109               |                                             |
|------------------------------------------------------------------------------------------|-------------------------|--------------------------|---------------------------------------------|
| ▲ 1                                                                                      | SSW 1/10 - 1/3          | (1679 ft. / 0.318 mi.)   | State and tribal leaking storage tank lists |
|                                                                                          | 40 ft. Higher Elevation | 1041 ft. Above Sea Level |                                             |

**Worksheet:**

Impact on Target Property: VEC Cannot Be Ruled Out

**Conditions:**

Petroleum Hydrocarbon Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**LUST: State and tribal leaking storage tank lists**

Facility ID: 10000606  
 Leak ID: 1  
 Description: Confirmed Release Received  
 Cleanup Status: NFA - No Further Action  
 Date Received: 07/10/2006  
 Project Officer: Logan, William E.

## 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 :02/03/2012

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 :01/30/2012

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 :01/30/2012

**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 :01/30/2012

**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 :01/30/2012

**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 :01/30/2012

**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 :02/03/2012

## 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 :01/30/2012

### **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 :01/30/2012

### **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 :01/30/2012

### **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 :01/30/2012

### **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 :01/30/2012

### **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 :01/30/2012

### 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 :01/30/2012

### 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 :01/30/2012

### 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**

**GEC**

**Worksheet A**  
**Site Evaluation**

Noise Assessment Guidelines

Site Location

Palmetto Cascade Highway

Program

Project Name

Heritage Trace

Locality

Palmetto, Fulton County

File Number

120312.240

Sponsor's Name

Phone

Street Address

City, State

|                   | Acceptability Category | DNL                | Predicted for Operations in Year |
|-------------------|------------------------|--------------------|----------------------------------|
| 1. Roadway Noise  | <u>Acceptable</u>      | <u>&lt;65</u>      | <u>2022</u>                      |
| 2. Aircraft Noise | <u>Acceptable</u>      | <u>&lt;55</u>      | <u>2012</u>                      |
| 3. Railway Noise  | <u>Acceptable</u>      | <u>59.1 - 60.0</u> | <u>2012</u>                      |
|                   |                        | <u>&lt;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 site locations are less than 65 DNL, therefore no exterior or interior noise mitigation is required per HUD noise guidelines (NAG).

Signature

Matthew W. Hancock 6/8/2012

Date

6/8/2012

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.**

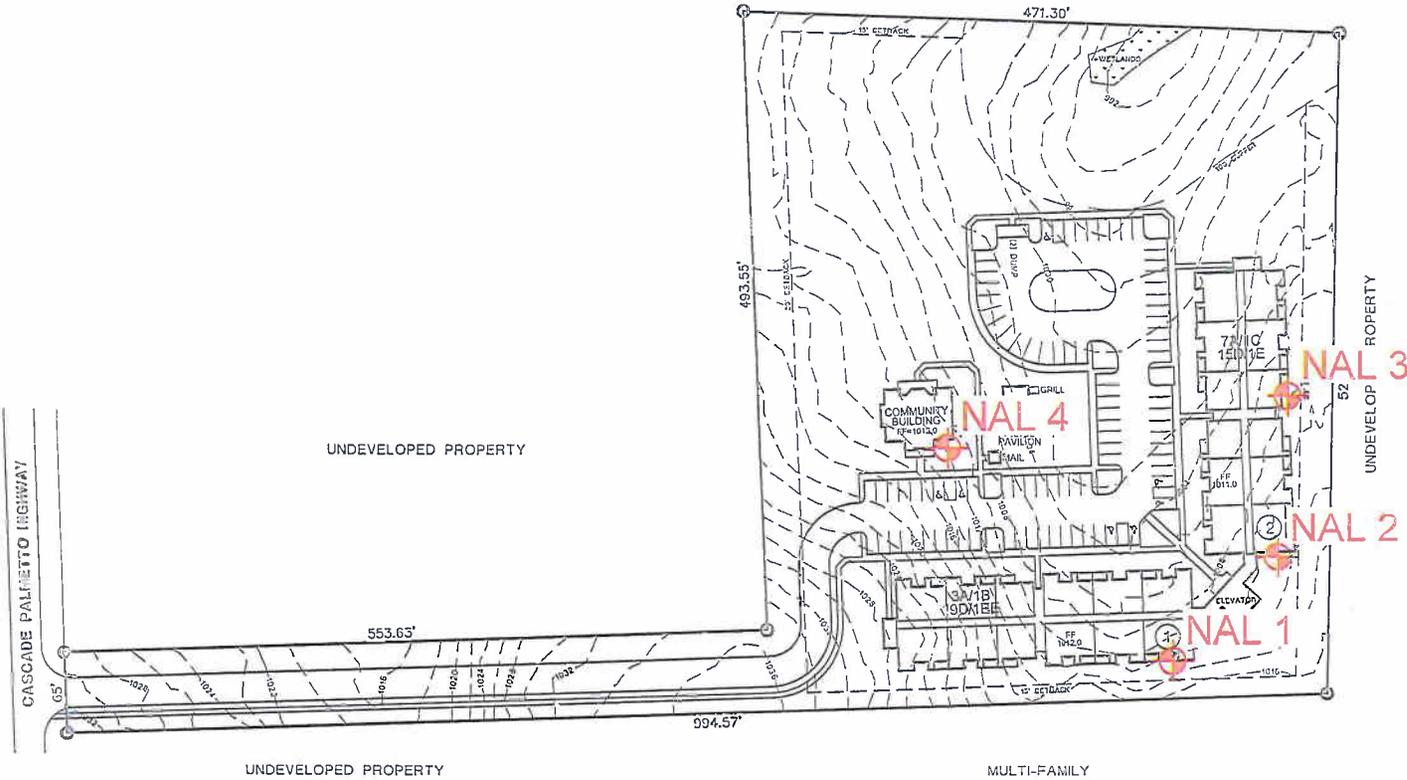
514 HILLCREST INDUSTRIAL BLVD.  
 MACON, GEORGIA 31204  
 478-757-1606 (Fax) 478-757-1608  
 WWW.GECONSULTANTS.COM

**SITE VICINITY**  
**HERITAGE TRACE**  
**PALMETTO, FULTON COUNTY, GEORGIA**

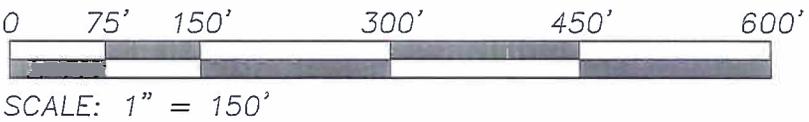
GEC PROJECT NO. 120312.240



UNDEVELOPED PROPERTY



| <u>NAL</u> | <u>Road</u><br><u>DNL</u> | <u>Air</u><br><u>DNL</u> | <u>Rail</u><br><u>DNL</u> | <u>Combined</u> |
|------------|---------------------------|--------------------------|---------------------------|-----------------|
| 1          | < 65                      | < 55                     | 60.0                      | < 65            |
| 2          | < 65                      | < 55                     | 59.9                      | < 65            |
| 3          | < 65                      | < 55                     | 59.5                      | < 65            |
| 4          | < 65                      | < 55                     | 59.1                      | < 65            |



**NOISE ASSESSMENT LOCATIONS  
HERITAGE TRACE  
PALMETTO, FULTON COUNTY, GEORGIA**

GEC PROJECT NO. 120312.240

**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 roads within 3000 feet of site per maps
- 2 \_\_\_\_\_
- 3 \_\_\_\_\_
- 4 \_\_\_\_\_

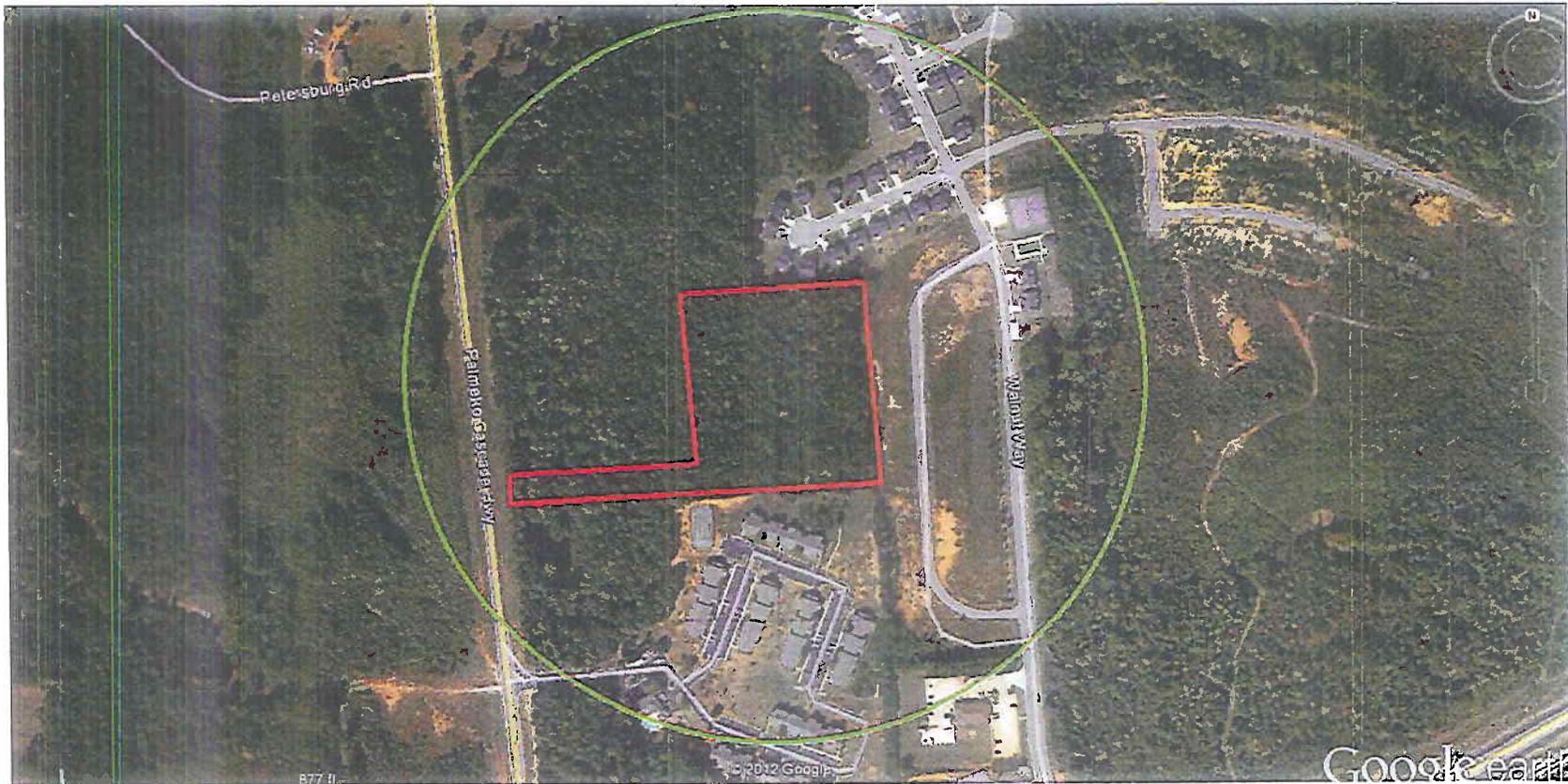
All NALs

| 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                                                                     | _____  | _____  | _____  | _____  |
| 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   | _____  | _____  | _____  |

Road noise less than 65 DNL

Signed Matthew W. Hunsley

Date 06/08/12



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



NOT TO SCALE  
Image courtesy of Google Earth

MAJOR ROADWAYS - 1000-FT RADIUS  
HERITAGE TRACE  
PALMETTO, FULTON COUNTY, GEORGIA

GEC PROJECT NO. 120312.240

**GEC**  
GEOTECHNICAL  
&  
ENVIRONMENTAL  
CONSULTANTS, INC.

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

**Worksheet B  
Aircraft Noise**

Noise Assessment Guidelines

List all airports within 15 miles of the site:

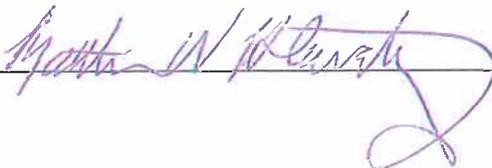
- 1 South Fulton Airport - NO JETS 1.2 miles NE
- 2 Hartsfield-Jackson Atlanta Airport 13.0 miles NE
- 3 No other airports within 15 miles of site per maps

Necessary Information:

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

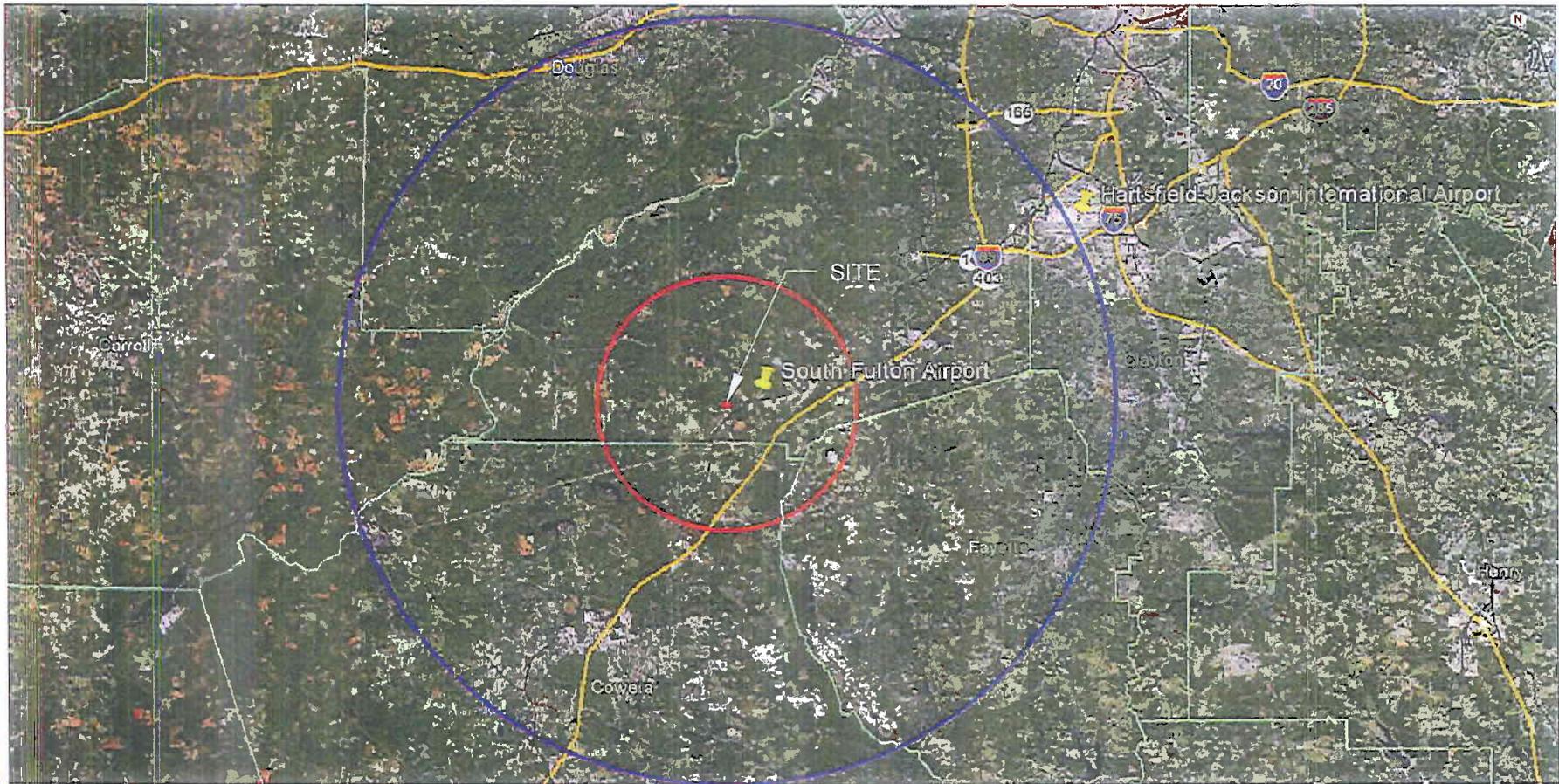
Airport noise is less than 55 DNL.

Signed



Date

06/08/12



ONE CIVIL AIRPORT WAS FOUND WITHIN A 5-MILE RADIUS OF THE SITE; HOWEVER, THERE ARE NOT JET OPERATIONS AT THIS AIRPORT, THEREFORE IS CITED AS HAVING A DNL OF <55 dB.



NOT TO SCALE  
Image courtesy of Google Earth

CIVIL AIRPORTS - 5-MILE RADIUS  
HERITAGE TRACE  
PALMETTO, FULTON COUNTY, GEORGIA

GEC PROJECT NO. 120312.240

**GEC**  
GEOTECHNICAL  
&  
ENVIRONMENTAL  
CONSULTANTS, INC.

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



[Main Menu](#)

89GE Airport/FBO Info

New Airport ID:

Find by Airport or City Name:

89GE Airport:

[Compact](#)

[HOTELS](#)

[View/Add Comments for 89GE](#)

[Printout](#)

SOUTH FULTON PALMETTO GA

Time Zone: Eastern

Lat: N 3332.3 Long: W 08438.3 Elev: 1025 Var: +02 Longest Runway: 2690

CTAF: 123.0

## FBO & Flight Services info for 89GE:

[FBOs: Update your Fuel Prices](#)

AIRPORT

Ph: 770-422-5331

[ENTER FUEL PRICES](#)

If you are an FBO, call 1-203-262-8900 to update your info or email: [Support@FitPlan.com](mailto:Support@FitPlan.com)

[Advertise your FBO on FitPlan.com](#)

### Runway & Approach Info for 89GE

| Rwy | Length  | Land Dist Avail** | Approach* | Rwy | Length  | Land Dist Avail** | Approach* |
|-----|---------|-------------------|-----------|-----|---------|-------------------|-----------|
| 09  | 2690x40 | 2090'             |           | 27  | 2690x40 | 2090'             |           |

\* 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 |
|-----------|--------------|--------------|---------------------|-------------------|
| 09/27     | 5,000        | 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@FitPlan.com](mailto:Support@FitPlan.com) for further information.

**Approach Charts** There are no IFR approaches for 89GE.

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

[Current Weather for 89GE](#) (Metars, TAFs, Notams, NWS Forecast, PIREPS, and nearby weather)

### Customs Information

( Send updates to [Support@FitPlan.com](mailto:Support@FitPlan.com) )

Customs Not Available

Database effective date: 04/05/2012

Facility Name: SOUTH FULTON  
 City Name: PALMETTO  
 County: FULTON  
 State abbrev: GA  
 State Name: GEORGIA

Ownership: PRIVATELY OWNED  
 Use: PRIVATE  
 Owner's

Name: LYNN GAUSE  
Address: 7775 ROOSEVELT HWY  
PALMETTO, GA 30268

Owner's  
Phone: 770-943-2679

Manager's Name: LYNN GAUSE; OTHER CONTACT: WILLIAM L. GAUSE, 2896  
MACEDONEA ROAD, OIWDER SPRINGS, GA 30127. 404-323-1959  
Address: 7775 ROOSEVELT HWY  
PALMETTO, GA 30268

Phone: 770-422-5331

FAA Region: SOUTHERN  
FAA Field Office: ATL

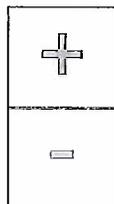
## No Aerial Photo Available

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 89GE](#)



- 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: SOUTH FULTON**

| Date:              | Sunrise | Sunset | Date:              | Sunrise | Sunset |
|--------------------|---------|--------|--------------------|---------|--------|
| 04/25/12 Wednesday | 6:56    | 20:18  | 05/02/12 Wednesday | 6:48    | 20:23  |
| 04/26/12 Thursday  | 6:55    | 20:18  | 05/03/12 Thursday  | 6:47    | 20:24  |
| 04/27/12 Friday    | 6:54    | 20:19  | 05/04/12 Friday    | 6:47    | 20:24  |
| 04/28/12 Saturday  | 6:52    | 20:20  | 05/05/12 Saturday  | 6:46    | 20:25  |
| 04/29/12 Sunday    | 6:51    | 20:21  | 05/06/12 Sunday    | 6:45    | 20:26  |
| 04/30/12 Monday    | 6:50    | 20:21  | 05/07/12 Monday    | 6:44    | 20:27  |
| 05/01/12 Tuesday   | 6:49    | 20:22  | 05/08/12 Tuesday   | 6:43    | 20:27  |

**Airport Facilities**

**Airport Attendance Schedule:** 7 Days A Week 0800-DUSK

**Airport Status:** OPERATIONAL (This Status can change at any time - please check NOTAMS)

**Airport Lighting Schedule:**

**Airport Storage Available:** Tie Downs

**Extra Services Available:** Flight Instruction, Aircraft Rental, Aircraft Sales

**Wind Indicator:** YES - (unlit)

**Control Tower:** NO

**CTAF Frequency:**

**Unicom Frequency:**

**Rotating Beacon Color:**

**Segmented Circle:** NO

**Landing Fee:** NO

**Airport Services**

**Type of Fuel Available:** None

**Airframe Repair Service:** MAJOR

**Power Plant Repair Service:** MAJOR

**Geographic Data**

**Latitude:** N3332.3 **Longitude:** W08438.3 (ESTIMATED)

Arpt Elevation: 1025ft (ESTIMATED)  
 Magnetic Variation: 02W  
 3 miles SW of PALMETTO  
 Traffic Pattern Altitude:  
 Sectional Chart: ATLANTA

**Aircraft Data**

| Operations (reported)       | Yearly | Avg. Daily | Aircraft based on Field       |    |
|-----------------------------|--------|------------|-------------------------------|----|
| General Aviation transient: | 1000   | 3          | General Aviation Singles:     | 10 |
| General Aviation Local:     | 9000   | 25         | 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:                  | 1  |

**FAA Services**

FSS on field: NO  
 FSS tie-in: MACON  
 FSS Phone: 1-800-WX-BRIEF  
 Who issues Notams:  
 Notam D service at airport: No  
 ARTCC Name: ATLANTA

**Federal Status**

Airport Certification:  
 Aircraft Rescue & Firefighting Index: None  
 Airport of Entry: No  
 Custom Landing Rights: No  
 Joint Civil/Military: No  
 Military Landing rights: No

**Runway Identification: 09/27**

Length: 2690 ft  
 Width: 40 ft  
 Surface: ASPHALT-POOR CONDITION  
 Edge lights:

**Runway: 09**

Mag heading: N/A  
 Approach:  
 Pattern: Left Traffic  
 Markings: BASIC  
 Marking Condition: FAIR  
 Arresting Dev:  
 Lat & Long:  
 Elev: N/A  
 TCH:  
 Visual Glide Path:  
 Displaced Threshold: 600 feet  
 Touchdown Zone: NO  
 Touchdown Elev.:  
 Visual Glide Slope:  
 RVR Equipment:  
 RWV Equipment: NO  
 Approach Lights:  
 REIL: NO  
 Centerline Lights: NO  
 Touchdown lights: NO  
 Runway Category: Utility Runway with a Visual Approach  
 Declared Distances:  
 Obstructions: TREE  
 Marked: NOT Marked/Lighted  
 Clearance slope: RY 09 APCH RATIO 0:1 TO DSPLCD THLD.  
 Obstruction height: 15 feet AGL  
 Dist. from runway: 200 feet  
 Centerline offset: 75 left of centerline  
 Comments: RY 09 HAS 15 FT TREES & BRUSH AT

**Runway: 27**

Mag heading: N/A  
 Approach:  
 Pattern: Left Traffic  
 Markings: BASIC  
 Marking Condition: FAIR  
 Arresting Dev:  
 Lat. & Long.:  
 Elev: N/A  
 TCH:  
 Visual Glide Path:  
 Displaced Threshold: 600 feet  
 Touchdown Zone: NO  
 Touchdown Elev.:  
 Visual Glide Slope:  
 RVR Equipment:  
 RWV Equipment: NO  
 Approach Lights:  
 REIL: NO  
 Centerline Lights: NO  
 Touchdown lights: NO  
 Runway Category: Utility Runway with a Visual Approach  
 Declared Distances:  
 Obstructions: TREES  
 Marked: NOT Marked/Lighted  
 Clearance slope: RY 27 APCH RATIO 0:1 TO DSPLCD THLD.  
 +20 FT BLDG AT THLD 100 FT LEFT.  
 Obstruction height: 65 feet AGL  
 Dist. from runway: 200 feet  
 Centerline offset:  
 Comments: RY 27 HAS +15 FT TREES AND BRUSH AT

THLD, 88 FT LEFT & 110 FT RIGHT..

THLD.

**Remarks**

- RWY 09/2 7 EXTENSIVE CRACKING THROUGHOUT PAVED AREAS.

**Airport Inspection Data**

Airport Inspected: STATE - performed by STATE AERONAUTICAL PERSONNEL

Inspection Date: 02/04/1999

//

Thanks for using FltPlan.com  
all rights reserved © copyright 1999-2012 by Flight Plan LLC

**Worksheet D**  
**Railway Noise**

List All Railways within 3000 feet of the site:

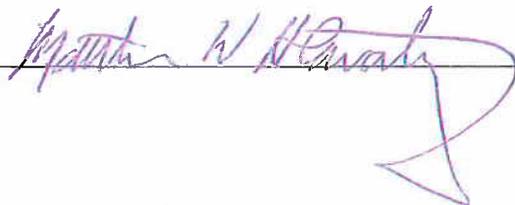
- 1 CSX
- 2 No other railways within 3000 feet of site per maps
- 3 \_\_\_\_\_

All NALs

| Necessary Information:                                          | Railway No. 1  | Railway No. 2 | Railway No. 3 |
|-----------------------------------------------------------------|----------------|---------------|---------------|
| 1. Distance in feet from the NAL to the railway track:          | <u>Various</u> | <u>n/a</u>    | _____         |
| 2. Number of trains in 24 hours:                                |                |               |               |
| a. diesel                                                       | <u>17</u>      | _____         | _____         |
| b. electrified                                                  | _____          | _____         | _____         |
| 3. Fraction of operations at night<br>(10 p.m. - 7 a.m.):       | <u>53</u>      | _____         | _____         |
| 4. Number of diesel locomotives per train:                      | <u>2</u>       | _____         | _____         |
| 5. Number of rail cars per train:                               |                |               |               |
| a. diesel trains                                                | <u>100</u>     | _____         | _____         |
| b. electrified trains                                           | _____          | _____         | _____         |
| 6. Average train speed:                                         | <u>50</u>      | _____         | _____         |
| 7. Is track welded or bolted? (w/b)                             | <u>W</u>       | _____         | _____         |
| 8. Are whistles or horns required<br>for grade crossings? (y/n) | <u>Y</u>       | _____         | _____         |

Data affective for year 2012. Railway noise less than 65 DNL.

Signed \_\_\_\_\_



Date \_\_\_\_\_

06/08/12



ONE RAILWAY WAS FOUND WITHIN A 3000-FT RADIUS OF THE SITE.

| Railway |                      |          |
|---------|----------------------|----------|
| NAL     | Eff. Distance (feet) | DNL (dB) |
| 1       | 1719                 | 60.0     |
| 2       | 59.9                 | 59.9     |
| 3       | 59.5                 | 59.5     |
| 4       | 59.1                 | 59.1     |

NOT TO SCALE

Image courtesy of Google Earth

RAILWAYS - 3000-FT RADIUS  
HERITAGE TRACE  
PALMETTO, FULTON COUNTY, GEORGIA

GEC PROJECT NO. 120312.240

**GEC**  
GEOTECHNICAL  
&  
ENVIRONMENTAL  
CONSULTANTS, INC.

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

**U.S. DOT - CROSSING INVENTORY INFORMATION  
AS OF 4/26/2012**

Crossing No.: **050399M**      Update Reason: **Changed Crossing**      Effective Begin-Date of Record: **01/01/11**  
 Railroad: **CSX CSX Transportation [CSX]**      End-Date of Record:  
 Initiating Agency **Railroad**      Type and Position: **Public RR Under**

**Part I Location and Classification of Crossing**

|                                         |                   |                      |                      |
|-----------------------------------------|-------------------|----------------------|----------------------|
| Division:                               | <b>ATLANTA</b>    | State:               | <b>GA</b>            |
| Subdivision:                            | <b>AWP W OF A</b> | County:              | <b>FULTON</b>        |
| Branch or Line Name:                    | <b>MAIN LINE</b>  | City:                | <b>Near PALMETTO</b> |
| Railroad Milepost:                      | <b>0024.37</b>    | Street or Road Name: | <b>PHIPPS RD</b>     |
| RailRoad I.D. No.:                      | <b>XXB</b>        | Highway Type & No.:  | <b>CR1877</b>        |
| Nearest RR Timetable Stn:               | <b>PALMETTO</b>   | HSR Corridor ID:     |                      |
| Parent Railroad:                        |                   | County Map Ref. No.: | <b>121</b>           |
| Crossing Owner:                         |                   | Latitude:            | <b>33.5264100</b>    |
| ENS Sign Installed:                     | <b>No</b>         | Longitude:           | <b>-84.6602560</b>   |
| Passenger Service:                      | <b>None</b>       | Lat/Long Source:     | <b>Estimate</b>      |
| Avg Passenger Train Count:              | <b>0</b>          | Quiet Zone:          | <b>No</b>            |
| Adjacent Crossing with Separate Number: | <b>No</b>         |                      |                      |

**Private Crossing Information:**

Category:      Public Access: **Unknown**  
 Specify Signs:      Specify Signals:

ST/RR A      ST/RR B      ST/RR C      ST/RR D

Railroad Use:  
 State Use:  
 Narrative:

Emergency Contact: **(800)232-0144**      Railroad Contact:      State Contact: **(404)631-1376**

**Part II Railroad Information**

|                                                                    |                           |                                 |                 |
|--------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|
| <b>Number of Daily Train Movements:</b>                            |                           | Less Than One Movement Per Day: | <b>No</b>       |
| Total Trains: <b>17</b>                                            | Total Switching: <b>2</b> | Day Thru:                       | <b>8</b>        |
| Typical Speed Range Over Crossing: From <b>45</b> to <b>50</b> mph |                           | Maximum Time Table Speed:       | <b>50</b>       |
| Type and Number of Tracks: Main: <b>1</b> Other: <b>1</b>          |                           | Specify:                        | <b>PASS SDG</b> |
| Does Another RR Operate a Separate Track at Crossing?              |                           |                                 | <b>No</b>       |
| Does Another RR Operate Over Your Track at Crossing?               |                           |                                 | <b>No</b>       |

# U.S. DOT - CROSSING INVENTORY INFORMATION

Crossing 050399M

Continued

Effective Begin-Date of Record: 01/01/11

End-Date of Record:

## Part III: Traffic Control Device Information

### Signs:

Crossbucks: 0

Advanced Warning:

Pavement Markings:

Highway Stop Signs: 0

Hump Crossing Sign:

Other Signs: 0 Specify:

0

### Train Activated Devices:

Gates: 0

Mast Mounted FL: 0

Cantilevered FL (Over): 0

Other Flashing Lights: 0

Highway Traffic Signals: 0

Other Train Activated  
Warning Devices:

Channelization:

Track Equipped with  
Train Signals?

4 Quad or Full Barrier:

Total Number FL Pairs: 0

Cantilevered FL (Not over): 0

Specify Other Flashing Lights:

Wigwags: 0 Bells: 0

Special Warning Devices Not  
Train Activated:

Type of Train Detection:

Traffic Light  
Interconnection/Preemption:

## Part IV: Physical Characteristics

Type of Development:

Number of Traffic Lanes

Crossing Railroad:

Is Highway Paved?

Crossing Surface:

Nearby Intersecting  
Highway?

Does Track Run Down a  
Street?

Is Commercial Power Available?

Smallest Crossing Angle:

Are Truck Pullout Lanes Present?

If Other:

Is it Signalized?

Is Crossing Illuminated?

## Part V: Highway Information

Highway System:

Is Crossing on State

Highway System:

Annual Average Daily  
Traffic (AADT):

Estimated Percent Trucks:

Posted Highway Speed: 0

Functional Classification of  
Road at Crossing:

AADT Year: 1970

Avg. No of School Buses per Day: 0



Community Planning & Development

En español | Contact Us | Text only | Search/index

Site DNL Calculator

Community Planning and Development

- About CPD
- Economic Development
- Community Development
- Affordable Housing
- Homeless Assistance
- HUDVet
- Environment
  - Environmental Contacts
  - Review Requirements
  - Laws and Regulations
  - Training
  - Resource Library
- Acquisition/Relocation
- Energy
- HIV/AIDS Housing
- Technical Assistance
- Online Systems/ Databases
- Library
- Laws and Regulations

HUD news

Homes

Resources

Communities

Working with HUD

Tools

- Websites
- Mapping Tools
- USB Reads
- Help



Providing Feedback & Corrections

After using the DNL Assessment Tool, following the directions in the User's Guide, users are encouraged to provide feedback on how the DNL Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool. Please send comments or other input to: [ATEC@hud.gov](mailto:ATEC@hud.gov)

Related Information

- ▶ [Day/Night Noise Level Assessment Tool User Guide](#)
- ▶ [Day/Night Noise Level Assessment Tool Flowcharts](#)

System Requirements

- ▶ [Internet Explorer 6.0 or above](#)
- ▶ [Adobe Reader](#)
- ▶ Enabling JavaScript

For more information on using the noise calculator, to access the user guidebook, or send comments, please visit the following page:

[Day/Night Noise Level Electronic Assessment Tool](#)

Guidelines:

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

Site ID

Record Date

User's Name

Railroad #1 Track Identifier:

| Rail # 1                       |                                   |                                            |
|--------------------------------|-----------------------------------|--------------------------------------------|
| Train Type                     | Electric <input type="checkbox"/> | Diesel <input checked="" type="checkbox"/> |
| Effective Distance             | <input type="text"/>              | 1719                                       |
| Average Train Speed            | <input type="text"/>              | 50                                         |
| Engines per Train              | <input type="text"/>              | 2                                          |
| Railway cars per Train         | <input type="text"/>              | 100                                        |
| Average Train Operations (ATO) | <input type="text"/>              | 17                                         |

Site DNL Calculator - Environment and Energy - CPD - HUD

|                            |                                                            |                                                                       |
|----------------------------|------------------------------------------------------------|-----------------------------------------------------------------------|
| Night Fraction of ATO      |                                                            | 53                                                                    |
| Railway whistles or horns? | Yes: <input type="checkbox"/> No: <input type="checkbox"/> | Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/> |
| Bolted Tracks?             | Yes: <input type="checkbox"/> No: <input type="checkbox"/> | Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/> |
| Train DNL                  |                                                            | 59.9906                                                               |
| Calculate Rail #1 DNL      | 59.9906                                                    | Reset                                                                 |

Airport Noise Level

Loud Impulse Sounds?  Yes  No

Combined DNL for all Road and Rail sources 59.9906

Combined DNL including Airport N/A

Site DNL with Loud Impulse Sound

Mitigation Options

If your site DNL is in Excess of 65 decibels, your options are:

- o **No Action Alternative**  
Cancel the project at this location [DNL Calculator](#)
- o **Other Reasonable Alternatives**  
Choose an alternate site [DNL Calculator](#)
- o **Mitigation**
  - o **Contact your Field or Regional Environmental Officer - [Environmental Contacts](#)**
  - o **Increase mitigation in the building walls** (only effective if no outdoor, noise sensitive areas).
  - o **Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses [DNL Calculator](#)**
  - o **Incorporate natural or man-made barriers.** See [The Noise Guidebook](#)
  - o **Construct noise barrier.** See the [Barrier Performance Module](#)

Content current as of 13 August 2010

 [Back to top](#)



[FOIA](#) [Privacy](#) [Web Policies and Important Links](#)

[Home](#)



U.S. Department of Housing and Urban Development  
451 7th Street S.W., Washington, DC 20410  
Telephone: (202) 708-1112 TTY: (202) 708-1455  
[Find the address of a HUD office near you](#)

### Site DNL Calculator

#### Community Planning and Development

- About CPD
- Economic Development
- Community Development
- Affordable Housing
- Homeless Assistance
- HUDVet
- Environment
  - Environmental Comcasts
  - Review Requirements
  - Laws and Regulations
  - Training
  - Resource Library
- Acquisition/Relocation
- Energy
- HIV/AIDS Housing
- Technical Assistance
- Online Systems/ Databases
- Library
- Laws and Regulations

#### HUD news

#### Homes

#### Resources

#### Communities

#### Working with HUD

#### Tools

- Webcasts
- Meeting Info
- ISS Feeds
- Help



#### Providing Feedback & Corrections

After using the DNL Assessment Tool, following the directions in the User's Guide, users are encouraged to provide feedback on how the DNL Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool. Please send comments or other input to: [ATEC@hud.gov](mailto:ATEC@hud.gov)

#### Related Information

- ▶ [Day/Night Noise Level Assessment Tool User Guide](#)
- ▶ [Day/Night Noise Level Assessment Tool Flowcharts](#)

#### System Requirements

- ▶ [Internet Explorer 6.0 or above](#)
- ▶ [Adobe Reader](#)
- ▶ [Enabling JavaScript](#)

For more information on using the noise calculator, to access the user guidebook, or send comments, please visit the following page:

[Day/Night Noise Level Electronic Assessment Tool](#)

#### Guidelines:

- o To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- o All Road and Rail input values must be positive non-decimal numbers.
- o All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- o All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- o **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- o **Note #2:** DNL Calculator assumes roadway data is always entered.

Site ID

Record Date

User's Name

Railroad #1 Track Identifier:

| Railroad #1                    |                                   |                                            |
|--------------------------------|-----------------------------------|--------------------------------------------|
| Train Type                     | Electric <input type="checkbox"/> | Diesel <input checked="" type="checkbox"/> |
| Effective Distance             |                                   | 1740                                       |
| Average Train Speed            |                                   | 50                                         |
| Engines per Train              |                                   | 2                                          |
| Railway cars per Train         |                                   | 100                                        |
| Average Train Operations (ATO) |                                   | 17                                         |

|                            |                                                            |                                                                       |
|----------------------------|------------------------------------------------------------|-----------------------------------------------------------------------|
| Night Fraction of ATO      |                                                            | 53                                                                    |
| Railway whistles or horns? | Yes: <input type="checkbox"/> No: <input type="checkbox"/> | Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/> |
| Bolled Tracks?             | Yes: <input type="checkbox"/> No: <input type="checkbox"/> | Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/> |
| Train DNL                  |                                                            | 59.9115                                                               |
| Calculate Rail #1 DNL      | 59.9115                                                    | Reset                                                                 |

Airport Noise Level

Loud Impulse Sounds?  Yes  No

Combined DNL for all Road and Rail sources

Combined DNL including Airport

Site DNL with Loud Impulse Sound

**Mitigation Options**

If your site DNL is in Exceedance

Click on this button to determine the Day-Night Noise Level (DNL) for the site being assessed in units of decibel (dB).

- o **No Action Alternative**  
Cancel the project at this location [DNL Calculator](#)
- o **Other Reasonable Alternatives**  
Choose an alternate site [DNL Calculator](#)
- o **Mitigation**
  - o **Contact your Field or Regional Environmental Officer - [Environmental Contacts](#)**
  - o **Increase mitigation in the building walls** (only effective if no outdoor, noise sensitive areas).
  - o **Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses** [DNL Calculator](#)
  - o **Incorporate natural or man-made barriers.** See [The Noise Guidebook](#)
  - o **Construct noise barrier.** See the [Barrier Performance Module](#)

Content current as of 13 August 2010

 [Back to top](#)



[FOIA](#)   [Privacy](#)   [Web Policies and Important Links](#)

[Home](#)



U.S. Department of Housing and Urban Development  
 451 7th Street S.W., Washington, DC 20410  
 Telephone: (202) 708-1112 TTY: (202) 708-1455  
[Find the address of a HUD office near you](#)

**Site DNL Calculator**

**Community Planning and Development**

- About CPD
- Economic Development
- Community Development
- Affordable Housing
- Homeless Assistance
- HUDVet
- Environment**
  - Environmental Contacts
  - Review Requirements
  - Laws and Regulations
  - Training
  - Resource Library
- Acquisition/Relocation
- Energy
- HIV/AIDS Housing
- Technical Assistance
- Online Systems/Databases
- Library
- Laws and Regulations

**HUD news**

**Homes**

**Resources**

**Communities**

**Working with HUD**

**Tools**

- Webcasts
- Webinars
- RSS Feeds
- Help



**Providing Feedback/Corrections**

After using the DNL Assessment Tool, following the directions in the User's Guide, users are encouraged to provide feedback on how the DNL Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool. Please send comments or other input to: [ATEC@hud.gov](mailto:ATEC@hud.gov)

**Related Information**

- ▶ [Day/Night Noise Level Assessment Tool User Guide](#)
- ▶ [Day/Night Noise Level Assessment Tool Flowcharts](#)

**System Requirements**

- ▶ [Internet Explorer 6.0 or above](#)
- ▶ [Adobe Reader](#)
- ▶ Enabling JavaScript

For more information on using the noise calculator, to access the user guidebook, or send comments, please visit the following page:  
[Day/Night Noise Level Electronic Assessment Tool](#)

**Guidelines:**

- o To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- o All Road and Rail input values must be positive non-decimal numbers.
- o All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- o All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- o **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- o **Note #2:** DNL Calculator assumes roadway data is always entered.

Site ID

Record Date

User's Name

Railroad #1 Track Identifier:

| Rail # 1                       |                                   |                                            |
|--------------------------------|-----------------------------------|--------------------------------------------|
| Train Type                     | Electric <input type="checkbox"/> | Diesel <input checked="" type="checkbox"/> |
| Effective Distance             | <input type="text"/>              | 1843                                       |
| Average Train Speed            | <input type="text"/>              | 50                                         |
| Engines per Train              | <input type="text"/>              | 2                                          |
| Railway cars per Train         | <input type="text"/>              | 100                                        |
| Average Train Operations (ATO) | <input type="text"/>              | 17                                         |

|                            |                                                            |                                                                       |
|----------------------------|------------------------------------------------------------|-----------------------------------------------------------------------|
| Night Fraction of ATO      |                                                            | 53                                                                    |
| Railway whistles or horns? | Yes: <input type="checkbox"/> No: <input type="checkbox"/> | Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/> |
| Bolted Tracks?             | Yes: <input type="checkbox"/> No: <input type="checkbox"/> | Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/> |
| Train DNL                  |                                                            | 59.5369                                                               |
| Calculate Rail #1 DNL      | 59.5369                                                    | Reset                                                                 |

Airport Noise Level

Loud Impulse Sounds?  Yes  No

Combined DNL for all Road and Rail sources

Combined DNL including Airport

Site DNL with Loud Impulse Sound

**Mitigation Options**

If your site DNL is in Excess of 65 decibels, your options are:

- o **No Action Alternative**  
Cancel the project at this location [DNL Calculator](#)
- o **Other Reasonable Alternatives**  
Choose an alternate site [DNL Calculator](#)
- o **Mitigation**
  - o **Contact your Field or Regional Environmental Officer** - [Environmental Contacts](#)
  - o **Increase mitigation in the building walls** (only effective if no outdoor, noise sensitive areas).
  - o **Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses** [DNL Calculator](#)
  - o **Incorporate natural or man-made barriers.** See [The Noise Guidebook](#)
  - o **Construct noise barrier.** See the [Barrier Performance Module](#)

Content current as of 13 August 2010

 [Back to top](#)



[FOIA](#)   [Privacy](#)   [Web Policies and Important Links](#)  
 U.S. Department of Housing and Urban Development  
 451 7th Street S.W., Washington, DC 20410  
 Telephone: (202) 708-1112 TTY: (202) 708-1455  
[Find the address of a HUD office near you](#)

[Home](#)



Site DNL Calculator

Community Planning and Development

- About CPD
Economic Development
Community Development
Affordable Housing
Homeless Assistance
HUDVet
Environment
Environmental Contacts
Review Requirements
Laws and Regulations
Training
Resource Library
Acquisition/Relocation
Energy
HIV/AIDS Housing
Technical Assistance
Online Systems/ Databases
Library
Laws and Regulations

HUD news

Homes

Resources

Communities

Working with HUD

Tools

- Webcasts
Working with HUD
RSS Feeds
Help



Providing Feedback & Corrections

After using the DNL Assessment Tool, following the directions in the User's Guide, users are encouraged to provide feedback on how the DNL Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool. Please send comments or other input to: ATEC@hud.gov

Related Information

- Day/Night Noise Level Assessment Tool User Guide
Day/Night Noise Level Assessment Tool Flowcharts

System Requirements

- Internet Explorer 6.0 or above
Adobe Reader
Enabling JavaScript

For more information on using the noise calculator, to access the user guidebook, or send comments, please visit the following page:

Day/Night Noise Level Electronic Assessment Tool

Guidelines:

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
All Road and Rail input values must be positive non-decimal numbers.
All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
Note #1: Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
Note #2: DNL Calculator assumes roadway data is always entered.

Site ID: NAL 4
Record Date: 6/8/2012
User's Name: Matthew Hlavaty

Railroad #1 Track Identifier: CSX

Table with 3 columns: Train Type, Electric, Diesel. Rows include Effective Distance (1960), Average Train Speed (50), Engines per Train (2), Railway cars per Train (100), Average Train Operations (ATO) (17).

|                            |                                                            |                                                                       |
|----------------------------|------------------------------------------------------------|-----------------------------------------------------------------------|
| Night Fraction of ATO      |                                                            | 53                                                                    |
| Railway whistles or horns? | Yes: <input type="checkbox"/> No: <input type="checkbox"/> | Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/> |
| Bolted Tracks?             | Yes: <input type="checkbox"/> No: <input type="checkbox"/> | Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/> |
| Train DNL                  |                                                            | 59.1359                                                               |
| Calculate Rail #1 DNL      | 59.1359                                                    | Reset                                                                 |



 Airport Noise Level 

 Loud Impulse Sounds?  Yes  No

 Combined DNL for all  
Road and Rail sources 59.1359

Combined DNL including Airport N/A

 Site DNL with Loud Impulse Sound 


### Mitigation Options

If your site DNL is in Excess of 65 decibels, your options are:

- **No Action Alternative**  
Cancel the project at this location [DNL Calculator](#)
- **Other Reasonable Alternatives**  
Choose an alternate site [DNL Calculator](#)
- **Mitigation**
  - **Contact your Field or Regional Environmental Officer - [Environmental Contacts](#)**
  - **Increase mitigation in the building walls** (only effective if no outdoor, noise sensitive areas).
  - **Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses** [DNL Calculator](#)
  - **Incorporate natural or man-made barriers.** See [The Noise Guidebook](#)
  - **Construct noise barrier.** See the [Barrier Performance Module](#)

Content current as of 13 August 2010

[Back to top](#)

[FOIA](#)   [Privacy](#)   [Web Policies and Important Links](#)
[Home](#)


U.S. Department of Housing and Urban Development  
451 7th Street S.W., Washington, DC 20410  
Telephone: (202) 708-1112 TTY: (202) 708-1455  
[Find the address of a HUD office near you](#)

**APPENDIX G:**  
**Regulatory Search Information**

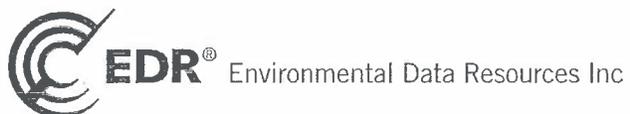
**DCA Proposed Heritage Trace**

Highway 154/Cascade Palmetto Highway  
Palmetto, GA 30268

Inquiry Number: 3309612.20s

April 24, 2012

**The EDR Radius Map™ Report with GeoCheck®**



440 Wheelers Farms Road  
Milford, CT 06461  
Toll Free: 800.352.0050  
[www.edrnet.com](http://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        |
| <br><b><u>GEOCHECK ADDENDUM</u></b>                      |             |
| 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-10        |

***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

HIGHWAY 154/CASCADE PALMETTO HIGHWAY  
PALMETTO, GA 30268

#### COORDINATES

Latitude (North): 33.5334000 - 33° 32' 0.24"  
Longitude (West): 84.6613000 - 84° 39' 40.68"  
Universal Transverse Mercator: Zone 16  
UTM X (Meters): 717176.1  
UTM Y (Meters): 3712678.8  
Elevation: 1001 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 33084-E6 PALMETTO, GA  
Most Recent Revision: 1982

### 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***

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.....        | Sleam-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 identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

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

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

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

### STANDARD ENVIRONMENTAL RECORDS

#### ***State and tribal leaking storage tank lists***

# EXECUTIVE SUMMARY

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

A review of the LUST list, as provided by EDR, and dated 01/11/2012 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

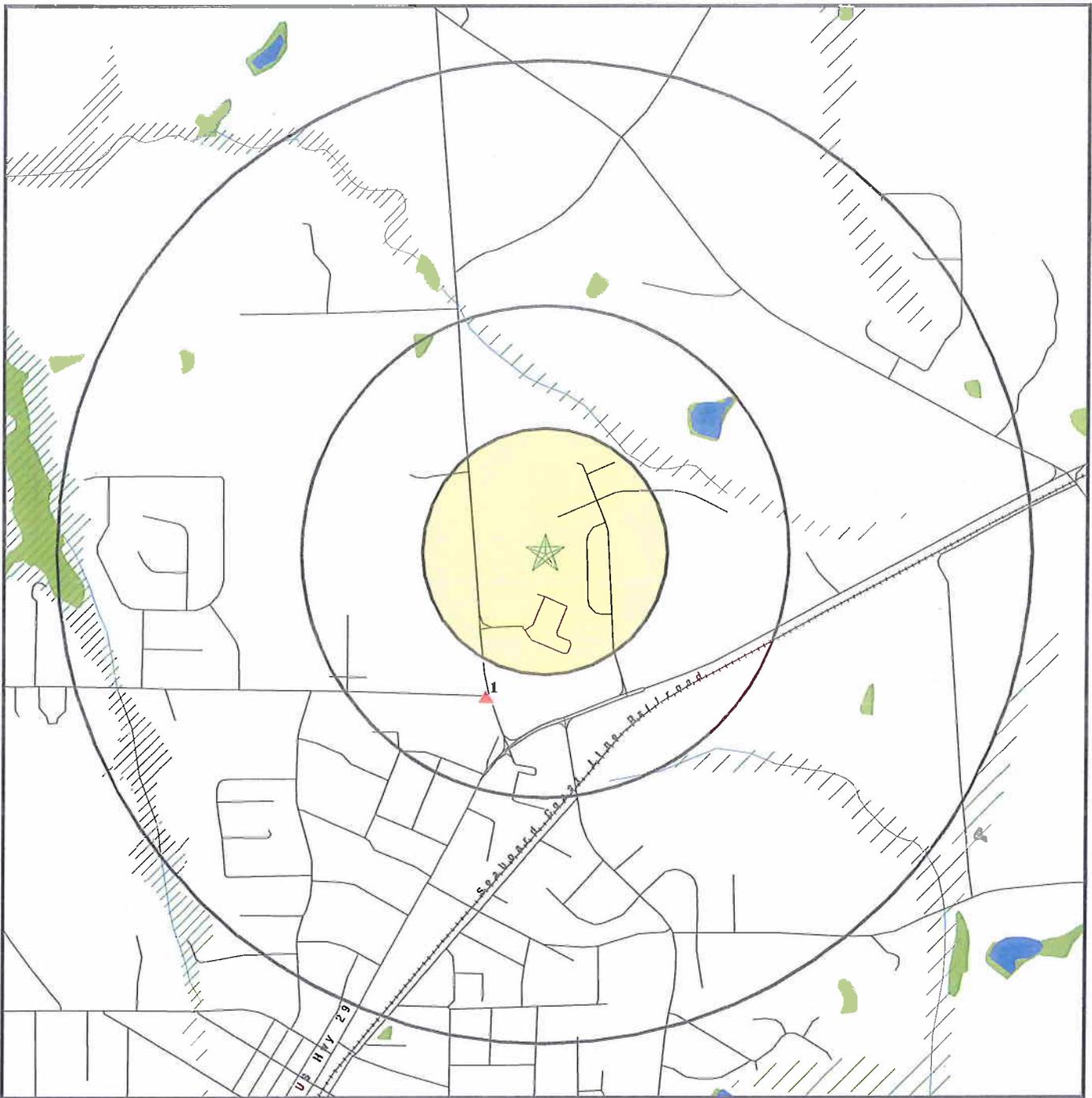
| <u>Equal/Higher Elevation</u>  | <u>Address</u>         | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--------------------------------|------------------------|-----------------------------|---------------|-------------|
| GEORGIA FOOD & GAS INC DBA PAL | 400 CARLTON RD SUITE B | SSW 1/4 - 1/2 (0.318 mi.)   | 1             | 7           |

# EXECUTIVE SUMMARY

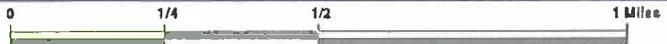
Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

| <u>Site Name</u>     | <u>Database(s)</u> |
|----------------------|--------------------|
| PALMETTO DRUMS       | CERCLIS, FINDS     |
| HEDGEWOOD PROPERTIES | SWF/LF             |

# OVERVIEW MAP - 3309612.20s



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

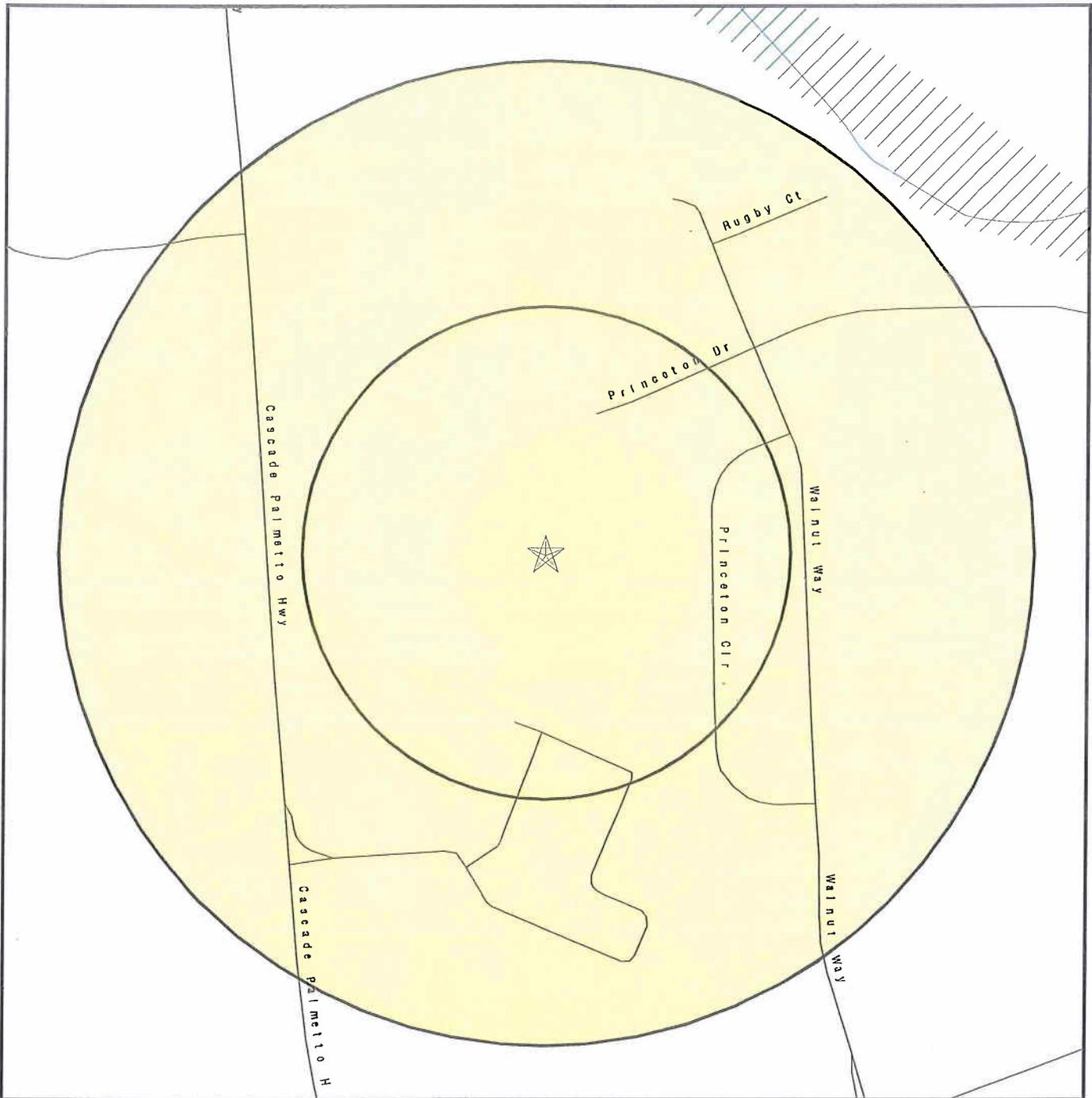


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: DCA Proposed Heritage Trace  
 ADDRESS: Highway 154/Cascada Palmetto Highway  
 Palmetto GA 30268  
 LAT/LONG: 33.5334 / 84.6613

CLIENT: Geotechnical & Envtl. Cons.  
 CONTACT: Tameka Gordon  
 INQUIRY #: 3309612.20s  
 DATE: April 24, 2012 4:12 pm

DETAIL MAP - 3309612.20s



- ★ 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
- 🛢 Oil & Gas pipelines from USGS
- 🌊 100-year flood zone
- 🌊 500-year flood zone

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: DCA Proposed Heritage Trace  
 ADDRESS: Highway 154/Cascade Palmetto Highway  
 Palmetto GA 30268  
 LAT/LONG: 33.5334 / 84.6613

CLIENT: Geotechnical & Envtl. Cons.  
 CONTACT: Tameka Gordon  
 INQUIRY #: 3309612.20s  
 DATE: April 24, 2012 4:12 pm

## MAP FINDINGS SUMMARY

| Database                                                                | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|-------------------------------------------------------------------------|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| <b>STANDARD ENVIRONMENTAL RECORDS</b>                                   |                         |                 |       |           |           |         |     |               |
| <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         | 1         | NR      | NR  | 1             |
| 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             |
| <b><i>State and tribal institutional control / engineering control registries</i></b> |                         |                 |       |           |           |         |     |               |
| INST CONTROL                                                                          | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| AUL                                                                                   | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| <b><i>State and tribal voluntary cleanup sites</i></b>                                |                         |                 |       |           |           |         |     |               |
| INDIAN VCP                                                                            | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| VIC                                                                                   | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| <b><i>State and tribal Brownfields sites</i></b>                                      |                         |                 |       |           |           |         |     |               |
| BROWNFIELDS                                                                           | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| <b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>                                        |                         |                 |       |           |           |         |     |               |
| <b><i>Local Brownfield lists</i></b>                                                  |                         |                 |       |           |           |         |     |               |
| US BROWNFIELDS                                                                        | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| <b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>                    |                         |                 |       |           |           |         |     |               |
| 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             |
| <b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>                     |                         |                 |       |           |           |         |     |               |
| 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             |
| <b><i>Local Land Records</i></b>                                                      |                         |                 |       |           |           |         |     |               |
| LIENS 2                                                                               | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| LUCIS                                                                                 | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| <b><i>Records of Emergency Release Reports</i></b>                                    |                         |                 |       |           |           |         |     |               |
| HMIRS                                                                                 | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| SPILLS                                                                                | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| <b><i>Other Ascertainable Records</i></b>                                             |                         |                 |       |           |           |         |     |               |
| 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

Site

Database(s) EDR ID Number  
EPA ID Number

**1**  
**SSW**  
**1/4-1/2**  
**0.318 mi.**  
**1679 ft.**

**GEORGIA FOOD & GAS INC DBA PALMETTO SHELL**  
**400 CARLTON RD SUITE B**  
**PALMETTO, GA 30268**

**LUST** **S110591109**  
**N/A**

**Relative:**  
**Higher**

LUST:

Facility ID: 10000606  
Leak ID: 1  
Description: Confirmed Release Received  
Cleanup Status: NFA - No Further Action  
Date Received: 07/10/2006  
Project Officer: Logan, William E.

**Actual:**  
**1041 ft.**

Count: 2 records.

ORPHAN SUMMARY

| City          | EDR ID     | Site Name            | Site Address                   | Zip   | Database(s)    |
|---------------|------------|----------------------|--------------------------------|-------|----------------|
| FULTON COUNTY | S107666367 | HEDGEWOOD PROPERTIES | 12225 STEVENS CREEK CT; LOT 18 |       | SWF/LF         |
| PALMETTO      | 1003108913 | PALMETTO DRUMS       | SOUTH END OF STREET            | 30268 | CERCLIS, FINDS |

# 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  | Source: EPA                            |
| Date Data Arrived at EDR: 08/31/2011    | Telephone: 800-424-9346                |
| Date Made Active in Reports: 01/10/2012 | Last EDR Contact: 02/13/2012           |
| Number of Days to Update: 132           | 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  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/05/2012    | Telephone: (404) 562-8651               |
| Date Made Active in Reports: 03/12/2012 | Last EDR Contact: 04/04/2012            |
| Number of Days to Update: 67            | 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  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/05/2012    | Telephone: (404) 562-8651               |
| Date Made Active in Reports: 03/12/2012 | Last EDR Contact: 04/04/2012            |
| Number of Days to Update: 67            | 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  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/05/2012    | Telephone: (404) 562-8651               |
| Date Made Active in Reports: 03/12/2012 | Last EDR Contact: 04/04/2012            |
| Number of Days to Update: 67            | 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  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/05/2012    | Telephone: (404) 562-8651               |
| Date Made Active in Reports: 03/12/2012 | Last EDR Contact: 04/04/2012            |
| Number of Days to Update: 67            | Next Scheduled EDR Contact: 07/16/2012  |
|                                         | Data Release Frequency: Varies          |

***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  | Source: Rindt-McDuff Associates, Inc.  |
| Date Data Arrived at EDR: 01/13/2012    | Telephone: N/A                         |
| Date Made Active in Reports: 02/17/2012 | Last EDR Contact: 03/16/2012           |
| Number of Days to Update: 35            | 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  | Source: Department of Natural Resources                 |
| Date Data Arrived at EDR: 05/11/2011    | Telephone: 404-362-2696                                 |
| Date Made Active in Reports: 06/23/2011 | Source: Center for GIS, Georgia Institute of Technology |
| Number of Days to Update: 43            | 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  | Source: Environmental Protection Division |
| Date Data Arrived at EDR: 03/21/2012    | Telephone: 404-362-2687                   |
| Date Made Active in Reports: 04/10/2012 | Last EDR Contact: 03/21/2012              |
| Number of Days to Update: 20            | 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  | Source: EPA Region 4                   |
| Date Data Arrived at EDR: 12/15/2011    | Telephone: 404-562-8677                |
| Date Made Active in Reports: 01/10/2012 | Last EDR Contact: 01/30/2012           |
| Number of Days to Update: 26            | Next Scheduled EDR Contact: 05/14/2012 |
|                                         | 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  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 12/07/2011    | Telephone: 415-972-3372                 |
| Date Made Active in Reports: 01/10/2012 | Last EDR Contact: 01/30/2012            |
| Number of Days to Update: 34            | Next Scheduled EDR Contact: 05/14/2012  |
|                                         | 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  | 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: 01/30/2012           |
| Number of Days to Update: 7             | Next Scheduled EDR Contact: 05/14/2012 |
|                                         | 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: 02/03/2012           |
| Number of Days to Update: 10            | Next Scheduled EDR Contact: 05/14/2012 |
|                                         | 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: 05/14/2012 |
|                                         | 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: 01/30/2012           |
| Number of Days to Update: 50            | Next Scheduled EDR Contact: 05/14/2012 |
|                                         | 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: 01/30/2012           |
| Number of Days to Update: 25            | Next Scheduled EDR Contact: 05/14/2012 |
|                                         | 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      Source: EPA Region 5  
Date Data Arrived at EDR: 08/26/2011      Telephone: 312-886-6136  
Date Made Active in Reports: 09/13/2011      Last EDR Contact: 01/30/2012  
Number of Days to Update: 18      Next Scheduled EDR Contact: 05/14/2012  
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      Source: EPA Region 6  
Date Data Arrived at EDR: 05/11/2011      Telephone: 214-665-7591  
Date Made Active in Reports: 06/14/2011      Last EDR Contact: 04/23/2012  
Number of Days to Update: 34      Next Scheduled EDR Contact: 05/14/2012  
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      Source: EPA Region 4  
Date Data Arrived at EDR: 12/15/2011      Telephone: 404-562-9424  
Date Made Active in Reports: 01/10/2012      Last EDR Contact: 01/30/2012  
Number of Days to Update: 26      Next Scheduled EDR Contact: 05/14/2012  
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      Source: EPA Region 9  
Date Data Arrived at EDR: 11/29/2011      Telephone: 415-972-3368  
Date Made Active in Reports: 01/10/2012      Last EDR Contact: 01/30/2012  
Number of Days to Update: 42      Next Scheduled EDR Contact: 05/14/2012  
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      Source: EPA Region 8  
Date Data Arrived at EDR: 08/19/2011      Telephone: 303-312-6137  
Date Made Active in Reports: 09/13/2011      Last EDR Contact: 01/30/2012  
Number of Days to Update: 25      Next Scheduled EDR Contact: 05/14/2012  
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      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: 02/03/2012  
Number of Days to Update: 10      Next Scheduled EDR Contact: 05/14/2012  
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  
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: 01/30/2012  
Next Scheduled EDR Contact: 05/14/2012  
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  
Date Data Arrived at EDR: 11/21/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 50

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 01/30/2012  
Next Scheduled EDR Contact: 05/14/2012  
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  
Date Data Arrived at EDR: 02/16/2010  
Date Made Active in Reports: 04/12/2010  
Number of Days to Update: 55

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 04/10/2012  
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  
Date Data Arrived at EDR: 01/06/2012  
Date Made Active in Reports: 01/30/2012  
Number of Days to Update: 24

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

**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  
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

### ***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  
Date Data Arrived at EDR: 03/06/2012  
Date Made Active in Reports: 04/10/2012  
Number of Days to Update: 35

Source: DNR  
Telephone: 404-657-8600  
Last EDR Contact: 03/06/2012  
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  | Source: EPA, Region 7                  |
| Date Data Arrived at EDR: 04/22/2008    | Telephone: 913-551-7365                |
| Date Made Active in Reports: 05/19/2008 | Last EDR Contact: 04/20/2009           |
| Number of Days to Update: 27            | Next Scheduled EDR Contact: 07/20/2009 |
|                                         | Data Release Frequency: Varies         |

### 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  | Source: EPA, Region 1                  |
| Date Data Arrived at EDR: 10/04/2011    | Telephone: 617-918-1102                |
| 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: 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  | 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          |

### 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  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 06/27/2011    | Telephone: 202-566-2777                 |
| Date Made Active in Reports: 09/13/2011 | Last EDR Contact: 04/03/2012            |
| Number of Days to Update: 78            | 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  | Source: Environmental Protection Agency   |
| Date Data Arrived at EDR: 08/09/2004    | Telephone: 800-424-9346                   |
| Date Made Active in Reports: 09/17/2004 | Last EDR Contact: 06/09/2004              |
| Number of Days to Update: 39            | 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: 01/30/2012  
Next Scheduled EDR Contact: 05/14/2012  
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 Toxic 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  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

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

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

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

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

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

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

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 01/30/2012  
Next Scheduled EDR Contact: 05/14/2012  
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  
Date Data Arrived at EDR: 11/10/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 03/26/2012  
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  
Date Data Arrived at EDR: 11/10/2010  
Date Made Active in Reports: 02/16/2011  
Number of Days to Update: 98

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 04/17/2012  
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  
Date Data Arrived at EDR: 07/15/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 60

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 03/12/2012  
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  
Date Data Arrived at EDR: 09/18/2009  
Date Made Active in Reports: 10/09/2009  
Number of Days to Update: 21

Source: Department of Natural Resources  
Telephone: 404-363-7000  
Last EDR Contact: 02/27/2012  
Next Scheduled EDR Contact: 05/28/2012  
Data Release Frequency: Varies

**AIRS: Permitted Facility & Emissions Lising**  
A listing of permitted Air facilities and emissions data.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 02/29/2012  
Date Made Active in Reports: 04/18/2012  
Number of Days to Update: 49

Source: Department of Natural Resources  
Telephone: 404-363-7000  
Last EDR Contact: 02/27/2012  
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  
Date Data Arrived at EDR: 10/25/2011  
Date Made Active in Reports: 11/18/2011  
Number of Days to Update: 24

Source: Department of Natural Resources  
Telephone: 404-656-4852  
Last EDR Contact: 03/05/2012  
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  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 34

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 04/16/2012  
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  
Date Data Arrived at EDR: 03/09/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 04/23/2012  
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  
Date Data Arrived at EDR: 03/16/2012  
Date Made Active in Reports: 04/11/2012  
Number of Days to Update: 26

Source: Department of Natural Resources  
Telephone: 404-362-4892  
Last EDR Contact: 03/16/2012  
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  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 04/16/2012  
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 Land Management, 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

DCA PROPOSED HERITAGE TRACE  
HIGHWAY 154/CASCADE PALMETTO HIGHWAY  
PALMETTO, GA 30268

### TARGET PROPERTY COORDINATES

Latitude (North): 33.5334 - 33° 32' 0.24"  
Longitude (West): 84.6613 - 84° 39' 40.68"  
Universal Transverse Mercator: Zone 16  
UTM X (Meters): 717176.1  
UTM Y (Meters): 3712678.8  
Elevation: 1001 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map: 33084-E6 PALMETTO, GA  
Most Recent Revision: 1982

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).

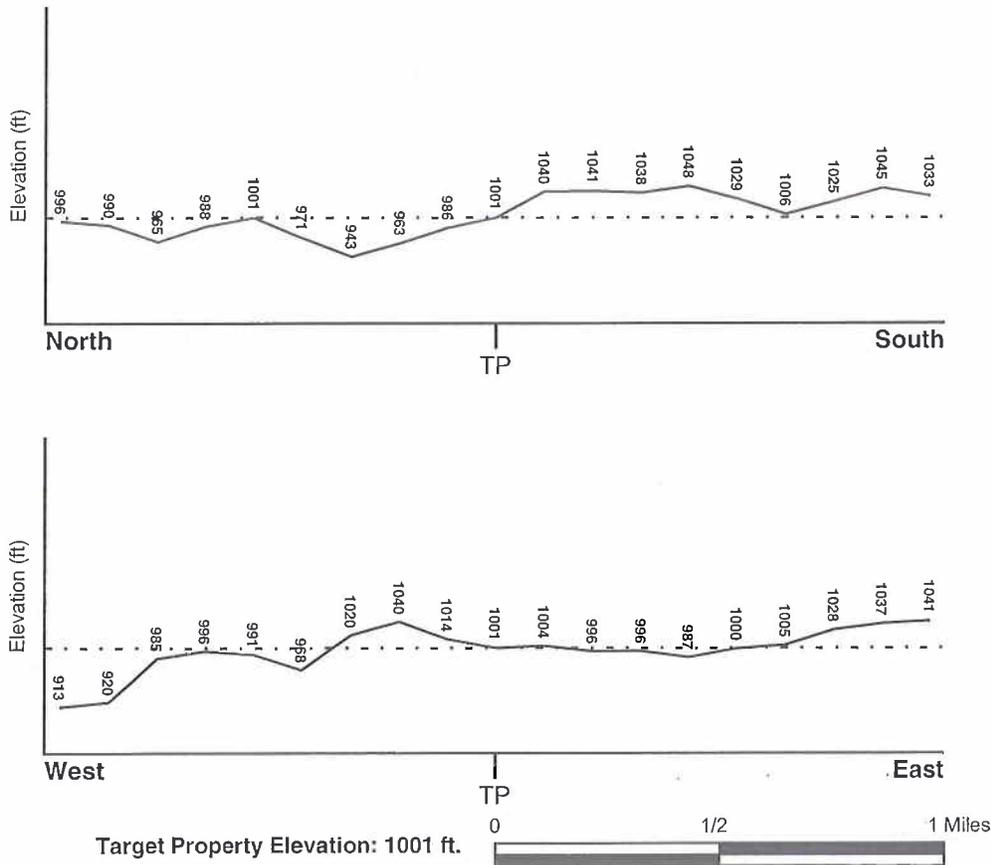
## TOPOGRAPHIC INFORMATION

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 NNE

## 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  
FULTON, GA

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

13121C - FEMA DFIRM Flood data

Additional Panels in search area:

Not Reported

### NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
PALMETTO

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 FROM TP</u> | <u>GENERAL DIRECTION GROUNDWATER FLOW</u> |
|---------------|-------------------------|-------------------------------------------|
| 1             | 1/4 - 1/2 Mile South    | SW                                        |
| 2             | 1/2 - 1 Mile SSW        | W                                         |

For additional site information, refer to Physical Setting Source Map Findings.

## 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: Paleozoic  
System: Pennsylvanian  
Series: Felsic paragneiss and schist  
Code: mm1 (*decoded above as Era, System & Series*)

#### GEOLOGIC AGE IDENTIFICATION

Category: Metamorphic Rocks

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

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: CECIL

Soil Surface Texture: sandy clay loam

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

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

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information |           |           |                    |                                                                        |                                                                               |                           |                        |
|------------------------|-----------|-----------|--------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------|------------------------|
| Layer                  | Boundary  |           | Soil Texture Class | Classification                                                         |                                                                               | Permeability Rate (in/hr) | Soil Reaction (pH)     |
|                        | Upper     | Lower     |                    | AASHTO Group                                                           | Unified Soil                                                                  |                           |                        |
| 1                      | 0 inches  | 7 inches  | sandy clay loam    | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.  | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.                    | Max: 2.00<br>Min: 0.60    | Max: 6.50<br>Min: 4.50 |
| 2                      | 7 inches  | 11 inches | sandy clay loam    | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.  | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.                    | Max: 2.00<br>Min: 0.60    | Max: 5.50<br>Min: 4.50 |
| 3                      | 11 inches | 50 inches | clay               | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt. | Max: 2.00<br>Min: 0.60    | Max: 5.50<br>Min: 4.50 |
| 4                      | 50 inches | 75 inches | variable           | Not reported                                                           | Not reported                                                                  | Max: 0.00<br>Min: 0.00    | Max: 0.00<br>Min: 0.00 |

### OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: sandy loam  
loam  
fine sandy loam

Surficial Soil Types: sandy loam  
loam  
fine sandy loam

Shallow Soil Types: clay  
sandy clay  
gravelly - loam

Deeper Soil Types: loamy fine sand  
sandy loam  
weathered bedrock

### LOCAL / REGIONAL WATER AGENCY RECORDS

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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## WELL SEARCH DISTANCE INFORMATION

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

## FEDERAL USGS WELL INFORMATION

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

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

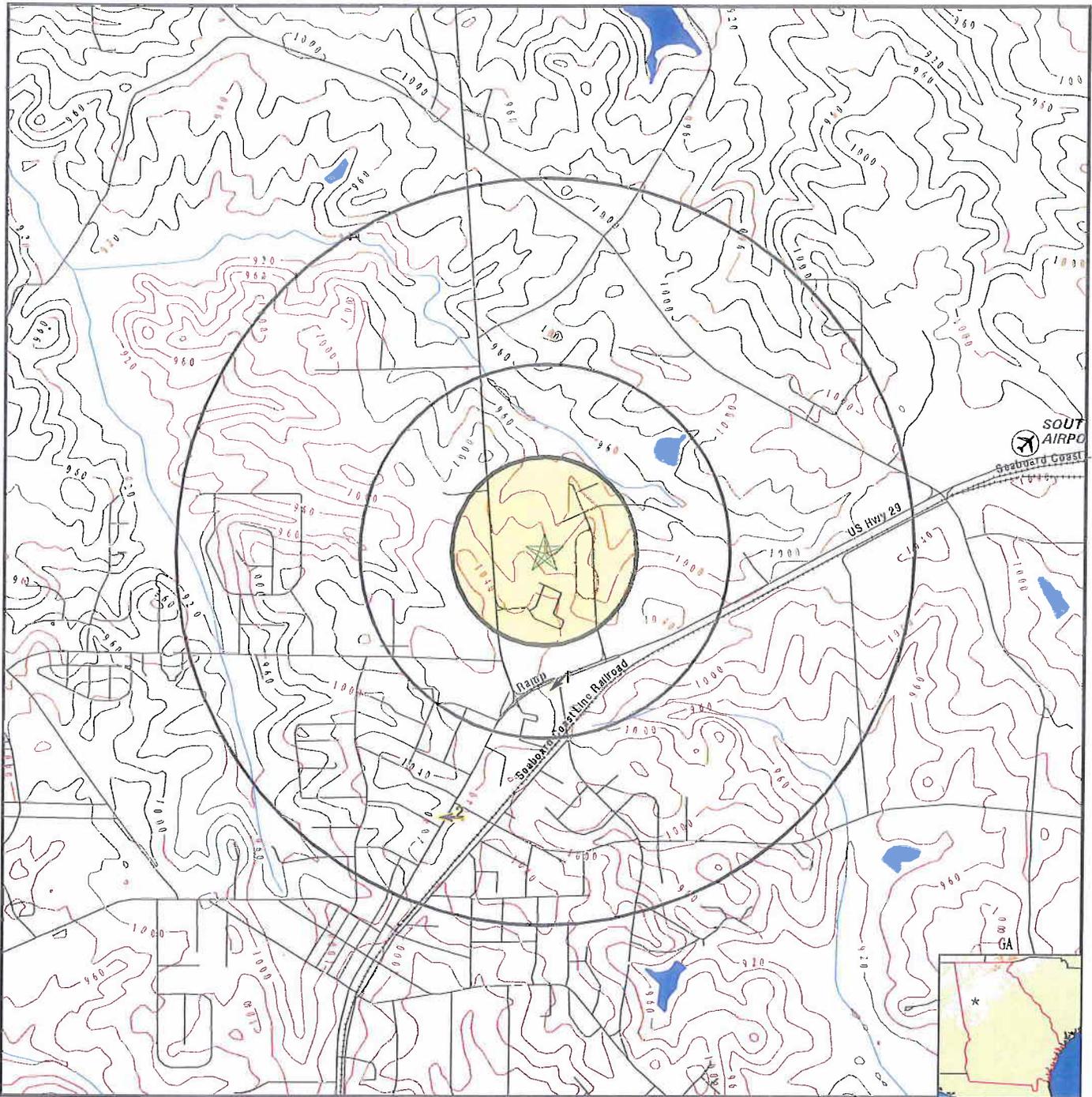
| <u>MAP ID</u>       | <u>WELL ID</u> | <u>LOCATION FROM TP</u> |
|---------------------|----------------|-------------------------|
| No PWS System Found |                |                         |

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

## STATE DATABASE WELL INFORMATION

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

# PHYSICAL SETTING SOURCE MAP - 3309612.20s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- 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:** DCA Proposed Heritage Trace  
**ADDRESS:** Highway 154/Cascade Palmetto Highway  
 Palmetto GA 30268  
**LAT/LONG:** 33.5334 / 84.6613

**CLIENT:** Geotechnical & Env'tl. Cons.  
**CONTACT:** Tameka Gordon  
**INQUIRY #:** 3309612.20s  
**DATE:** April 24, 2012 4:13 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

|                                               |                                                                                                                                                    |          |       |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|
| <b>1</b><br>South<br>1/4 - 1/2 Mile<br>Higher | Site ID: 0-600609<br>Groundwater Flow: SW<br>Shallow Water Depth: 17<br>Deep Water Depth: 20<br>Average Water Depth: Not Reported<br>Date: 01/1997 | AQUIFLOW | 19006 |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|

|                                           |                                                                                                                                                           |          |       |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|
| <b>2</b><br>SSW<br>1/2 - 1 Mile<br>Higher | Site ID: 9060250<br>Groundwater Flow: W<br>Shallow Water Depth: 13.84<br>Deep Water Depth: 22.16<br>Average Water Depth: Not Reported<br>Date: 11/22/1995 | AQUIFLOW | 22904 |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

Federal EPA Radon Zone for FULTON County: 1

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

Federal Area Radon Information for Zip Code: 30268

Number of sites tested: 1

| Area                    | Average Activity | % <4 pCi/L   | % 4-20 pCi/L | % >20 pCi/L  |
|-------------------------|------------------|--------------|--------------|--------------|
| Living Area - 1st Floor | Not Reported     | Not Reported | Not Reported | Not Reported |
| Living Area - 2nd Floor | Not Reported     | Not Reported | Not Reported | Not Reported |
| Basement                | 4.900 pCi/L      | 0%           | 100%         | 0%           |

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

### 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.

## HYDROLOGIC INFORMATION

**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.

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation 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.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

#### Georgia Public Supply Wells

Source: Georgia Department of Community Affairs

Telephone: 404-894-0127

#### USGS Georgia Water Wells

Source: USGS, Georgia District Office

Telephone: 770-903-9100

#### DNR Managed Lands

Source: Department of Natural Resources

Telephone: 706-557-3032

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

## OTHER STATE DATABASE INFORMATION

### RADON

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### 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.

**APPENDIX H:**  
**Record of Communications and**  
**Interviews**

**GEC**

## User Interview Questionnaire

Date: May 14, 2012

Property Name: Heritage Trace

Name, Address, and Telephone Number of User:

Heritage Trace, L.P.

P O Box 1909

Albertville, AL 35950

Name of Interviewer: Patricia Dobbins

1. Does the user have in his/her possession or control any title records for the Property?

No

Yes

If Yes, please provide information below and attach copies of title records to the User Interview Questionnaire.

2. Is the user aware of any environmental liens?

No

Yes

If Yes, please provide information below and attach any copies of evidence of environmental liens to the User Interview Questionnaire.

3. Is the user aware of any deed restrictions, engineering or institutional controls, or other activity and use limitations for the Property?

No

Yes

If Yes, please provide information below and attach any copies of evidence of activity and use limitations to the User Interview Questionnaire.

4. Does the user possess any actual or specialized knowledge or experience that is material to any potential recognized environmental conditions in connection with the Property?

No

Yes

If Yes, please provide information below.

5. Is the user 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?

No

Yes

If Yes, please provide information below.

6. What is the user's reason for having the Phase I site assessment performed (Select all that apply)?

a. Purchase

b. Lease

c. Loan

d. Pre-sale assessment

e. Tax credits

f. Other (please explain) \_\_\_\_\_

7. Only answer Question 7, if the Property is being purchased. The purchase price of the Property is: \$487,500

a. Less than the fair market value

b. More than the fair market value

c. The same as the fair market value

d. Relationship to the fair market value is unknown

8. Only answer Question 8, if the purchase price is *less than* the fair market value. Is the user aware of any reason, environmental or otherwise, which would explain the differential in the purchase price and the fair market value?

No

Yes

If Yes, please provide information below.

# GEC

## GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS, INC.

April 27, 2012

**SUBJECT:** Information Questionnaire – Fire & HAZMAT Responses  
Proposed Heritage Tract, development  
Cascade Palmetto Highway  
Palmetto, Fulton County, Georgia  
GEC Job #120312.240

**Attention:** Fire Chief Henry Argo  
Palmetto Fire Department

Geotechnical & Environmental Consultants, Inc. (GEC) is currently conducting a DCA Phase I Environmental Site Assessment (ESA) on the above referenced site located northeast of the intersection of Cascade Palmetto Highway and Roosevelt Highway, west of Walnut Way in Palmetto, Georgia. For the purposes of our assessment, please mark and/or briefly answer the following questions and return to GEC via fax at (478) 757-1608 or email: [tgordon@geconsultants.com](mailto:tgordon@geconsultants.com).

Is there any record of environmentally related fires, hazardous materials responses, or additional known environmental concerns at the subject property or in the immediate site vicinity?  
( ) Yes; (  ) No; *If Yes, please elaborate.*

Are you aware of any storage tanks (above or underground) currently or formerly located on the subject property or adjacent to it? ( ) Yes; (  ) No *If Yes, please elaborate.*

Are you aware of any site history, including its past usage and/or any past tenants (i.e. businesses) and their current/former usage of the property? *No*

The subject property is noted on the attached location map. Thanks for your assistance in this matter. If you have any questions or desire any further information, please contact our office.

Sincerely,

*Greta Woods*

Greta Woods  
For Tameka Gordon  
Environmental Specialist

Form Completed by:

*Chief H. Argo*

Print:

*Chief H. Argo*

Date:

*5/8/12*

# GEC

GEOTECHNICAL & ENVIRONMENTAL  
CONSULTANTS, INC.

SUBJECT: Information Questionnaire -- Environmental Health Responses  
The proposed Heritage Trace development  
Cascade Palmetto Highway  
Palmetto, Fulton County, Georgia  
**GEC Job #120312.240**

**Attention:** Ms. Rita Alexander  
Fulton County South Environmental Health Department

Geotechnical & Environmental Consultants, Inc. (GEC) is currently conducting a DCA Phase I Environmental Site Assessment (ESA) on the above referenced site located northeast of the intersection of Cascade Palmetto Highway and Roosevelt Road, west of Walnut Way in Palmetto, Georgia. For the purposes of our assessment, please mark and/or briefly answer the following questions and return to GEC via fax at (478) 757-1608 or email: [gwoods@geconsultants.com](mailto:gwoods@geconsultants.com).

Is there any record of environmental/health responses or other known environmental concerns at the subject property or in the immediate site vicinity?  
 Yes;  No If Yes, please elaborate.

---

Utilities serving the subject property. Mark all that apply.  
 city water  well water  unknown/do not know  
 city sewer  septic system  
 previous water well on site?  previous septic system on site?

Please elaborate if you aware of any site history such as past tenants and/or past property usage?

---

The subject property is noted on the attached location map. Thanks for your assistance in this matter. If you have any questions or desire any further information, please contact our office.

Sincerely,

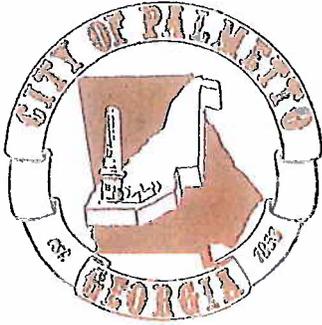


Greta Woods  
For Tameka Gordon  
**Environmental Specialist**

Form Completed by: \_\_\_\_\_

Print: \_\_\_\_\_

Date: \_\_\_\_\_



## City Of Palmetto

P. O. Box 190

Palmetto, Georgia 30268

Area Code 770 / 463-3377

May 8, 2012

Butch Richardson  
Manager of Development  
Olympia  
P.O. Box 1909  
Albertville, AL 35950

Re: Cascade-Palmetto Hwy. (State 154)  
Property Tax ID 07-3100-0069-146-7

Dear Mr. Richardson:

The property located Cascade-Palmetto Hwy. (State 154), Fulton County, Palmetto, Ga. (Property Tax ID 07-3100-0069-146-7) is zoned R-6 High Density Residential District. I have attached Chapter 7 of the Palmetto Zoning Ordinance which includes density and minimum lot area requirements.

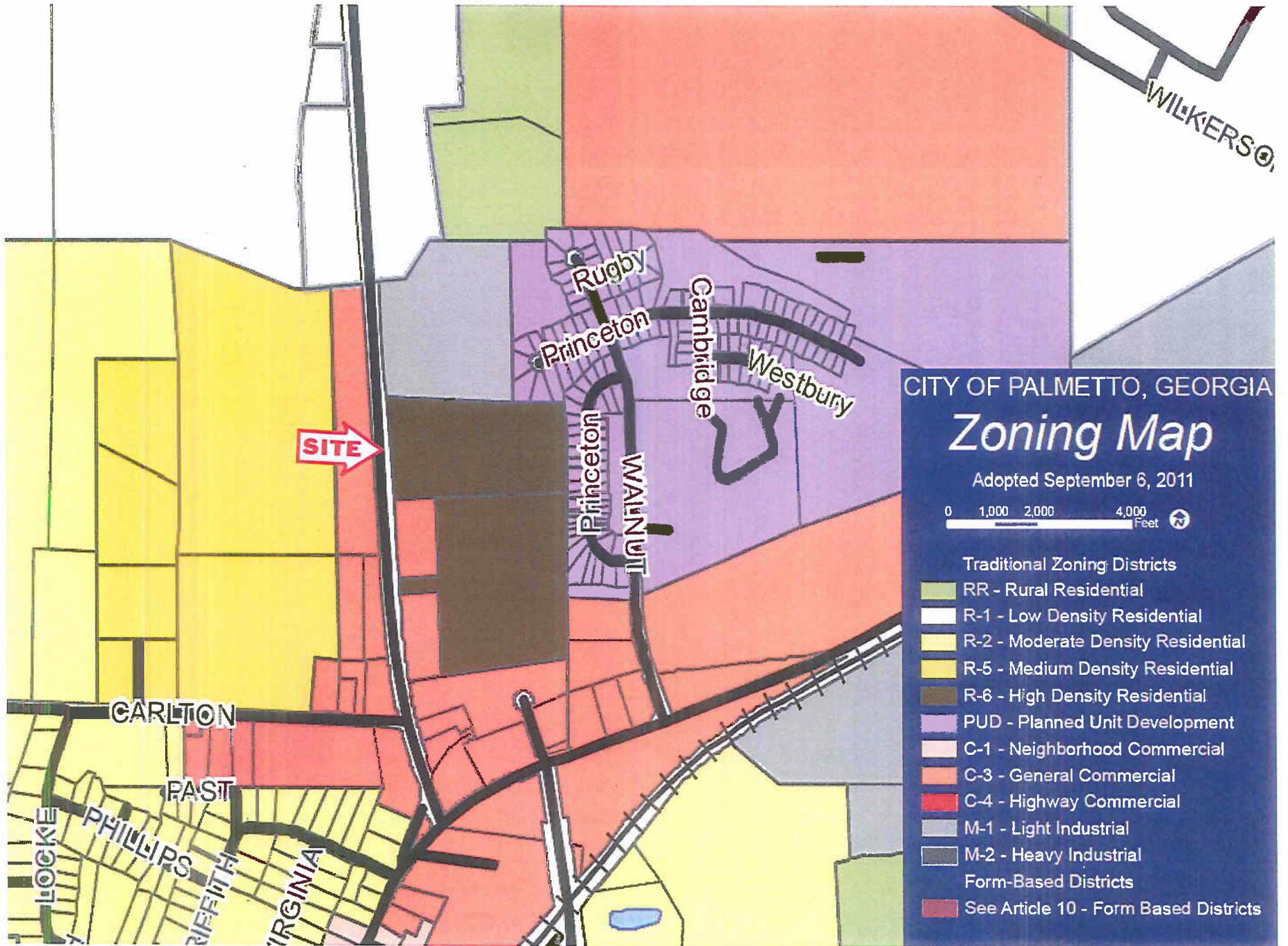
Should further information be needed contact me at 770-463-3377 or [hanson@citypalmetto.com](mailto:hanson@citypalmetto.com).

Sincerely,

A handwritten signature in cursive script that reads "Cynthia Hanson". The signature is written in black ink and is positioned above the printed name and title.

Cynthia Hanson  
City Clerk

Attachments



CITY OF PALMETTO, GEORGIA

# Zoning Map

Adopted September 6, 2011

0 1,000 2,000 4,000 Feet

- Traditional Zoning Districts
- RR - Rural Residential
  - R-1 - Low Density Residential
  - R-2 - Moderate Density Residential
  - R-5 - Medium Density Residential
  - R-6 - High Density Residential
  - PUD - Planned Unit Development
  - C-1 - Neighborhood Commercial
  - C-3 - General Commercial
  - C-4 - Highway Commercial
  - M-1 - Light Industrial
  - M-2 - Heavy Industrial
- Form-Based Districts
- See Article 10 - Form Based Districts



# Article 7

## Multiple-Family Districts



**Section 7-1 Purpose**

- A. **"R-4," Manufactured Home Community District.** Accommodating the particular needs for manufactured home communities is the purpose of this district. The R-4 District is well suited to serving as a transitional use between other residential development and intense non-residential uses. Densities up to six units per acre are permitted and public water and sanitary sewer are required.
- B. **"R-5," Medium Density Residential District.** This district is intended to provide for housing options other than single family dwellings, at densities of up to six units per acre. The R-5 District lends itself to serving as a buffer or transitional zone between lower density residential and non-residential development. Two-family dwellings and town homes are permitted, along with compatible public, quasi-public and institutional uses. Land within this district will be served by public sanitary sewer and water facilities.
- C. **"R-6," High Density Residential District.** The R-6 District is similar in character and purpose to the R-5 District, but also permits multiple family dwellings. It allows development at higher densities than any other district. Residential densities of up to 12 units per acre are permitted in this district.

**Section 7-2 Schedule of Uses**

Buildings or land shall not be used and buildings shall not be erected, except for the following specified uses, unless otherwise provided for in this ordinance. Land and/or buildings in the districts indicated at the top of Table 7-2 may be used for the purposes denoted by the following abbreviations:

- A. **Permitted Use (P).** Land and/or buildings in this district may be used by right.
- B. **Conditional Use (C).** Land and/or buildings in this district may be used by right, provided the specific conditions related to that use, as found in [Article 14](#) are met.
- C. **Special Use (S).** Land and/or buildings may be permitted only if special land use approval is granted upon a finding that all applicable requirements in [Article 15, Special Use Requirements](#).
- D. **Specific Conditions.** Indicates requirements or conditions applicable to conditional uses, as listed in [Article 14, Conditional Use Requirements](#), or Special Uses, as listed in [Article 15](#).

| Use                                        | R-4 | R-5 | R-6 | Specific Conditions |
|--------------------------------------------|-----|-----|-----|---------------------|
| <b>Residential</b>                         |     |     |     |                     |
| Boarding and rooming house                 |     | C   | P   | 14-4                |
| Multiple family dwellings                  |     |     | P   |                     |
| Townhomes                                  |     | P   | P   |                     |
| Two-family dwellings                       |     | P   | P   |                     |
| Manufactured home community or subdivision | P   |     |     |                     |
| Continuing care retirement community       |     | S   | P   |                     |



**Table 7-2 Schedule of Uses: Multiple Family Residential Districts**

| Use                                                     | R-4 | R-5 | R-6 | Specific Conditions |
|---------------------------------------------------------|-----|-----|-----|---------------------|
| Personal care home, congregate                          |     | S   | S   | 15-25               |
| Home occupations                                        | C   | C   | C   | 14-16               |
| Accessory uses and structures                           | C   | C   | C   | 14-2                |
| <b>Institutional</b>                                    |     |     |     |                     |
| Child care centers, commercial preschools and nurseries | C   | C   | C   | 14-16               |
| Day care, family                                        | C   | C   | C   | 14-11               |
| Philanthropic and charitable institutions               |     | S   | P   |                     |
| <b>Recreation</b>                                       |     |     |     |                     |
| Golf courses and country clubs                          | C   | C   | C   | 14-14               |
| Private non-commercial recreation                       | C   | C   | C   | 14-22               |
| Public parks/playgrounds                                | P   | P   | P   |                     |
| <b>Public/Quasi-public</b>                              |     |     |     |                     |
| Cemeteries                                              | P   | P   | P   |                     |
| Colleges and universities (including student housing)   |     | S   | S   | 15-15               |
| Churches and customary related uses                     | C   | C   | C   | 14-9                |
| Government buildings                                    | P   | P   | P   |                     |
| Schools (elementary, middle and high)                   | C   | C   | C   | 14-26               |

**Section 7-3 Spatial Requirements**

- A. All lots and buildings shall meet the minimum area and width requirements listed below. New lots shall not be created, except in conformance with these requirements. In addition, all structures and their placement on a lot shall conform to the minimum dimensional requirements listed below.



### R-4 Manufactured Home Park

|                                      |                    |
|--------------------------------------|--------------------|
| <b>Building</b>                      |                    |
| Max Stories                          | 2                  |
| Max. Height (ft)                     | 25                 |
| Floor Area (sq ft.)                  | See footnote #4    |
| <b>Setbacks (Min.)</b>               |                    |
| Front (ft.)                          | 10                 |
| Side (ft.)                           | 10                 |
| Rear (ft.)                           | 10                 |
| <b>Lot/Width Requirements (Min.)</b> |                    |
| Lot Area (sq. ft.)                   | 5,500 <sup>1</sup> |
| Lot Width (ft.)                      | 50                 |
| Lot Coverage                         | 45%                |
| Max. Density                         | 6 units/net acre   |

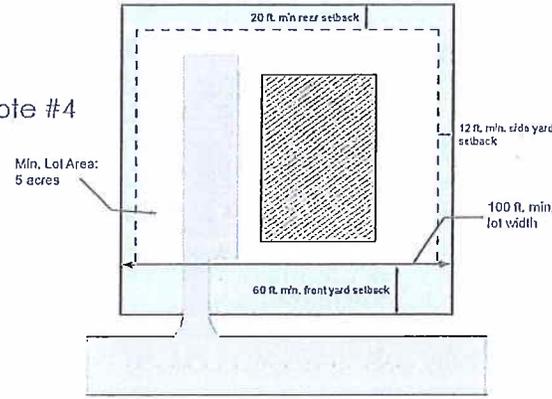
The diagram shows a site plan for a 15-acre lot. It features a central access road with a 50 ft. min. lot width. Six units are arranged in two rows of three. Each unit has a 10 ft. min. front yard setback, a 10 ft. min. rear yard setback, and a 10 ft. min. side yard setback. The total lot area is 5,500 sq. ft. The lot is bounded by a 10 ft. setback on all sides.

### R-5 Medium Density Residential

|                                      |                  |
|--------------------------------------|------------------|
| <b>Building</b>                      |                  |
| Max Stories                          | 3                |
| Max. Height (ft.)                    | 40               |
| Floor Area (sq ft.)                  | See footnote #4  |
| <b>Setbacks (Min.)</b>               |                  |
| Front (ft.)                          | 60               |
| Side (ft.)                           | 12               |
| Rear (ft.)                           | 20               |
| <b>Lot/Width Requirements (Min.)</b> |                  |
| Lot Area (acres)                     | 52.3             |
| Lot Width (ft.)                      | 100              |
| Lot Coverage                         | 55%              |
| Max. Density                         | 6 units/net acre |

The diagram shows a site plan for a 5-acre lot. It features two large units, each with a 100 ft. min. lot width. The lot is bounded by a 100 ft. min. lot width on the front and side. The total lot area is 5 acres. The lot coverage is 55%.

| R-6 High Density Residential         |                   |
|--------------------------------------|-------------------|
| <b>Building</b>                      |                   |
| Max Stories                          | 3                 |
| Max. Height (ft.)                    | 40                |
| Floor Area (sq ft.)                  | See footnote #4   |
| <b>Setbacks (Min.)</b>               |                   |
| Front (ft.)                          | 60                |
| Side (ft.)                           | 12                |
| Rear (ft.)                           | 20                |
| <b>Lot/Width Requirements (Min.)</b> |                   |
| Lot Area (acres)                     | 5 <sup>2,3</sup>  |
| Lot Width (ft.)                      | 100               |
| Lot Coverage                         | 65%               |
| Max. Density                         | 12 units/net acre |



**Notes:**

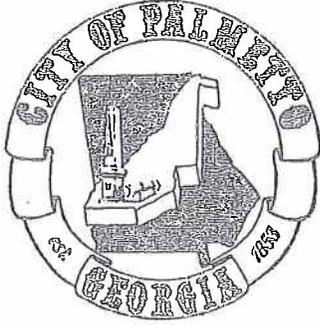
1. A minimum of 15 acres is required for a manufactured home community development. Non-residential development shall have no minimum lot size requirement.
2. Each unit of a two-family dwelling shall have a minimum lot area of 8,000 square feet. Non-residential development shall have no minimum lot size requirement.
3. Townhome and multiple family developments shall contain a minimum of 20 percent dedicated open space.
4. Minimum floor area for all dwellings shall be 600 square feet for one bedroom units, 800 square feet for two bedroom units, 1,000 square feet for three bedroom units and an additional 100 square feet for each bedroom in excess of three.

**Section 7-4 Site Development Requirements**

In addition to the requirements of this article, all development in the residential districts shall meet the applicable requirements as listed elsewhere in this ordinance:

- A. General Provisions, *see Article 13*
- B. Conditional Use Requirements, *see Article 14*
- C. Special Use Requirements, *see Article 15*
- D. Parking and Loading, *see Article 17*
- E. Landscaping and Buffering Requirements, *see Article 19*
- F. Building Design and Material Requirements, *see Article 18*
- G. Site Plan Review Requirements, *see Article 20*
- H. Overlay Zone Requirements, *see Article 11*

In addition, development shall meet the applicable requirements of the *Palmetto Sign Ordinance*.



## City Of Palmetto

P. O. Box 190  
Palmetto, Georgia 30268  
Area Code 770 / 463-3377

May 8, 2012

Greta Woods  
Geotechnical & Environmental Consultants  
514 Hillcrest Industrial Boulevard  
Macon, Georgia 31204-3472

Re: Confirmation of Electrical Power Service

Dear Ms. Woods:

In reference to your request for information on a site located on Palmetto-Cascade hwy. (State 154), the property is located in the City of Palmetto and in the Palmetto service area to which the City would provide electrical power. The City would be responsible for cleaning up any ground/water contamination that result from leaking transformers. I have been advised that our transformers contain no PCB and would be of no danger. This area has not been served by electrical power in the past so therefore we are not aware of any leaking transformers.

If additional information is needed please let me know.

Sincerely,

William H. Shell  
City Administrator

Cc: Butch Richardson ✓  
Manager of Development  
Olympia  
P.O. Box 1909  
Albertville, AL 35950



# City Of Palmetto

P. O. Box 190

Palmetto, Georgia 30268

Area Code 770 / 463-3377

May 8, 2012

Greta Woods  
Geotechnical & Environmental Consultants  
514 Hillcrest Industrial Boulevard  
Macon, Georgia 31204-3472

Re: Water & Sewer Availability/Lead in drinking water

Dear Ms. Woods:

The site shown on your map located on Palmetto-Cascade Highway (State 154) is located in Palmetto. This site would be serviced by the City of Palmetto water and sewer department. Water and sewer are available in the area and located on Highway 154 at the Palmetto Preserve location and also on Walnut Way. This has been discussed with Mr. Butch Richardson of Olympia.

A copy of the City of Palmetto's Annual Water Quality Report for the year 2010 is enclosed in this letter.

If additional information is needed please let me know.

Sincerely

William H. Shell  
City Administrator

Cc: Butch Richardson  
Manager of Development  
Olympia  
P.O. Box 1909  
Albertville, AL 35950

**APPENDIX I:  
Author Credentials,  
Documentation of Qualification as  
an Environmental Professional**

**GEC**

**Jon A. Spaller, P.G.**  
Chief Geologist

**Education**

- B.A. Geology, West Georgia College, Carrollton, GA, 1978

**Continuing Education**

- Shallow Foundation Design Short Course, University of Missouri at Rolla, 1984
- Landfill Design Short Course, Clemson University, 1990
- IBM PC Applications to Groundwater Pollution and Hydrology, National Groundwater Association Short Course, Princeton, New Jersey, 1993
- Monitored Natural Attenuation Workshop, USEPA, Atlanta, Georgia, 1998
- Introduction to Fate & Transport Modeling – Bioscreen, Georgia Groundwater Association, Atlanta, Georgia, 1999.

**Experience**

Mr. Spaller graduated from the State University of West Georgia in 1978, with a Bachelor's Degree in Geology, and has over 30 years of experience in subsurface explorations and geotechnical engineering evaluations from commercial and industrial developments and dams. Jon has been heavily involved in solid waste disposal facility consulting for the past 20 years, directing numerous hydrogeologic site evaluations for municipal solid waste and industrial solid waste landfills. He has directed compliance monitoring programs and assessment of corrective measures studies and has served as Construction Quality Assurance Project Manager for a number of Subtitle D solid waste construction projects. He has performed and reviewed Phase I and Phase II Environmental Site Assessments for numerous projects throughout his career. He is a registered professional Geologist in Georgia, and a member of The Solid Waste Association of North America.

**Professional Registrations**

- Georgia # 710

**Professional Memberships**

- Solid Waste Association of North America
- National Groundwater Association
- Georgia Groundwater Association

**GEC**

# Mary A. Brooks

Wetlands Services Director/Senior Environmental Specialist

## Education

- A.A. Degree, Santa Fe Community College, Gainesville, Florida, 1988
- Bachelor of Science, Resource Conservation, University of Florida, 1990

## Continuing Education

- U.S. Department of Housing and Urban Development – Environmental Review Procedures for Responsible Entities, February 2-4, 2010
- Georgia Environmental Conference, August 26-28, 2009
- NPDES Permit Requirements: Plain & Simple How to Comply with Permits & Minimize Financial Liabilities, October 11, 2007
- Middle Georgia Safety & Environmental Conference, July 28, 2006
- Atlas Systems, March 30, 2005
- Southeast and Georgia Wetlands & Water Law (Several Years)
- Georgia's NPDES General Permit for Construction – Home Builders Association of Georgia, August 24, 2000
- Wetlands and 404 Permitting, Several Years since 1998
- Stormwater Permitting – Middle Georgia Chapter of the Georgia Society of Professional Engineers, October 27, 1998
- Permeability/Hydraulic Conductivity & Triaxial Testing, January, 1997
- Permeability/Hydraulic Conductivity and Triaxial Testing – Boat Longyear, December 12-13, 1996
- The Real Mold Issue: What's Your Facility Risk? Audio Conference, October 2004

## Professional Memberships

- Society of Wetland Scientists
- American Water Resources Association, Inc.
- Bleckley Leadership Training
- Leadership Macon
- Macon Chamber of Commerce Safety and Environmental Committee – Past Chairperson
- Bleckley County Chamber of Commerce Board
- Environmental Information Association Georgia Chapter

## Certifications

- EPA Lead Renovation, Repair & Painting, October 23, 2009
- NHI-142005 NEPA & Transportation Decision Making, May, 2009
- Lead Inspector #1394, GEPD 60 INSO 0709 5930
- Asbestos Inspector #11589
- NITON XRF Analyzer, February 8, 2007
- Miners Safety Training (MNSHA) 30 CFR Part 46, November 2001
- DOT Worksite Erosion Control Supervisor
- 8-Hour Hazardous Materials/Waste Site Operations, Updates (Yearly)
- 40-Hour Hazardous Materials/Waste Site, March, 1992
- First Aid Training
- CPR Training

The logo for GEC (Georgia Environmental Council) is located in the bottom right corner of the page. It consists of the letters 'GEC' in a large, bold, serif font.

## Experience

Mary A. Brooks, is a Senior Environmental Specialist and Professional Wetland Scientist for the Macon office. Mary graduated from the University of Florida with a bachelor's degree in Resource Conservation in 1990. Mary has twenty-one years of experience in the consulting field. She has played the primary management and development role in providing all consulting services that pertain to natural and water resources, including surface water identification, all Clean Water Act/404 assessments, including wetlands services. Serving as the Wetland Services Director, she is responsible for all operations associated with delivery of wetland services including their identification, delineation, and management, as well as overseeing the quality assurance, wetlands personnel development, and playing a major role in market development for GEC. Mary has worked with local issuing authorities in an attempt to establish wetland banks to promulgate existing industries in those areas. As a part of the Department of Community Affairs Tax Credit Application process she has worked with several clients to determine if they have wetlands on their property, and if so, to what extent. As a result, she has written approximately 65 Housing and Urban Development Applications, which include the results of those wetland delineations if warranted, and the completion of the Housing and Urban Development Authority's 8-step wetland process. Mary's responsibilities also include keeping current on the state and federal regulations pertaining to wetlands and consulting as needed with clients and potential clients on these regulations. Mary has also work on Watershed Assessment and Watershed Protection Plans as well as conduct the annual biological sampling including macroinvertebrate and fisheries sampling as required. In addition to being the Wetlands Services Director, she is a Senior Environmental Professional, ASTM E.P., a Lead-Based Paint Inspector, and an Asbestos Inspector.

## **Tameka Gordon**

### **Environmental Specialist**

#### **Education**

- Associate of Science in Business Administration, Macon State College 2007
- Pursing a Bachelor's of Science in Business & Information Technology, major track in Management, Macon State College, Macon, Georgia

#### **Continuing Education**

- Environmental Data Resources, Inc. Due Diligence at Dawn Workshop, Atlanta, 2005, 2010
- 40-Hour Hazardous Waste Site Training, Certification 2008
- 8-Hour Hazardous Waste Site Training, Updates (Yearly)
- Phase I Environmental Site Assessments, Certification 2009
- HUD – Environmental Review Procedures for Responsible Entities Training, 2010
- Environmental Due Diligence-Principals and Practice, Certificate 2010
- Vapor Encroachment Screening on Property Involved in Real Estate Transactions, 2010

#### **Experience**

Tameka has thirteen 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, Macon's Young Professional Network, and ASTM International. She serves on the board for Leadership Macon with the Macon-Bibb County Chamber of Commerce.

#### **Professional Memberships**

- Leadership Macon
- Macon Chamber of Commerce Young Professional Network
- Women in Affordable Housing Network
- ASTM International

# **GEC**

**APPENDIX J:  
Owner Environmental  
Questionnaire**

**GEC**

**OWNER ENVIRONMENTAL QUESTIONNAIRE  
& DISCLOSURE STATEMENT**

The questionnaire **MUST** be completed and signed by the current property owner, notarized in the spaces indicated and submitted with the application. The Owner must supply and attach evidence of ownership of the property, i.e. a deed. In preparing this document, the property owner must make a good faith effort to correctly answer all questions in this checklist. *Care should be taken to check the answers against whatever records are in the owner's possession.* If any of the following questions are answered in the affirmative, or if answers are unknown and/or qualified, the Environmental Professional must determine whether further inquiry is warranted. A gap in the Owner's knowledge about any item on the questionnaire below does not relieve the Environmental Professional from the requirement that the item be fully addressed in the Phase I Report. The property owner must fully document the reason for any affirmative answer, and provide the Environmental Professional with all appropriate supporting information.

Purchaser: Olympia Construction, Inc. (Corp. of Heritage Title)  
(Phone) 256) 878-6054  
Owner/seller: SFG REO LLC  
(Phone) 843-266-1717  
Subject property: 6.5 ACRES - Cascade Palmetto Hwy - Palmetto, GA

**QUESTIONNAIRE - PART A:**

1. Is the property, or any adjacent property, currently used for commercial, industrial or manufacturing purposes including, but not limited to dry cleaners and gas stations? Adjacent properties include those that border the site and properties across the street from the site.

Yes  No  Unknown

Provide the name and describe the type of business operating at the property:

Provide the name and type of business operating adjacently **north** of the subject property:

Provide the name and type of business operating adjacently **south** of the subject property:

Provide the name and type of business operating adjacently **east** of the subject property:

Provide the name and type of business operating adjacently **west** of the subject property:

2. Has the property or any adjacent property been used in the past for commercial, industrial or manufacturing purposes including, but not limited to, dry cleaners and gasoline stations?

Yes  No  Unknown (If yes, please describe including its specific use)

Owner:

Date(s):

Current Use of property:

Previous use of property to the **north**:

Previous use of the property to the **south**:

Previous use of the property to the **east**:

Previous use of the property to the **west**:

3. Are there any pesticides, automotive or industrial batteries, paints or other chemicals stored on the property or at the facility?  
 Yes  No  Unknown (If yes, please describe)
4. Are there currently any plastic or metal industrial drums (ranging from 5 to 55-gallons) located on the property or at the facility or were there in the past?  
 Yes  No  Unknown (If yes, please describe)
5. How and where were items identified in Questions #3 & #4 disposed ( if any of the specifics are unknown, provide names and present employers of people who may be able to provide additional information)?
6. Has fill dirt ever been brought onto the site?  
 Yes  No  Unknown (If yes, please describe)
7. Have any substances identified as hazardous, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials, including construction debris, been dumped above grade, buried and/or burned on the site?  
 Yes  No  Unknown (If yes, please describe including where and what disposal took place)
8. Is there any obvious stained soil, or other evidence of past waste disposal on the property?

Yes  No  Unknown (If yes, please describe including location on the property)

9. (a) Are there any above or underground storage tanks currently located on the property?

Yes  No  Unknown (If yes, please describe including location on the property. If no, skip to question #10)

(b) Are the existing storage tanks empty, out of service, or closed?

Yes  No  Unknown (If yes, please describe including the date and name of the contractor used, and provide a copy of any report generated)

(c) Have any tanks been removed? (If 'yes' provide information on when, give the name of the contractor used, and provide a copy of any report generated).

Yes  No  Unknown (If yes, please describe including date removed and name of contractor used, and provide a copy of any report generated)

10. Are there any prospective buyer(s) in the past that may have conducted an environmental assessment of the subject property.

Yes  No  Unknown (If yes, please provide names, addresses, and telephone numbers. Also, provide the name, address and telephone number of **your** Lender on this property. *Attach any past environmental reports you have, or provide information on how to obtain a copy of the report(s) if you do not have them.*

11. Does the property discharge waste water (other than storm water) directly to a ditch or stream ~~on~~ or adjacent to the property?  
 Yes  No  Unknown (If yes, please describe)
12. Is the property located near or in an area where conventional fuels (e.g. petroleum products), hazardous gases, (e.g. propane), and/or chemicals (e.g. benzene or hexane) of a flammable nature are stored?  
 Yes  No  Unknown (If yes, please describe)
13. Has there been any health complaints related to the indoor or outdoor air at? on the grounds of the property or any building located on the property?  
 Yes  No  Unknown (If yes, please describe)
14. Does the owner of the property or operator of the facility? have any knowledge of environmental liens or governmental notification (including information requests) relating to violations or potential violations of environmental laws with respect to the property or any facility located on the property?  
 Yes  No  Unknown (If yes, please describe)

15. Has the owner of the property or operator of the facility been informed of the presence of hazardous substances or environmental violations with respect to the property or any facility located on the property?  
 Yes  No  Unknown (If yes, please describe)
16. Are you aware of any environmental assessment of the property that indicated the presence of hazardous substances or petroleum products on, in, at, or under the property site?  
 Yes  No  Unknown (If yes, please describe)
17. Are you aware of any environmental assessment of the subject property that has recommended further assessment or testing of the property?  
 Yes  No  Unknown (If yes, please describe)
18. Are there any past, current, or pending lawsuits or administrative proceedings for alleged damages related to environmental issues or problems involving the property or any owner or tenant of the property?  
 Yes  No  Unknown (If yes, please describe)
19. Have pesticides, herbicides, or other agricultural chemicals ever been stored on, mixed on, or applied to the property?  
 Yes  No  Unknown (If yes, please describe)

**QUESTIONNAIRE - PART B:**

1. Are there any structures on the property site more than fifty (50) years old, or (is the property) located in a designated historic district?

Yes  No  Unknown (If yes, please describe & submit photographs of all interior rooms and exterior facades, and include a copy of the proposed rehabilitation work scope and a location map.)

2. Is the property site located in a 100-year floodplain?

Copy the portion of floodplain map indicating the site location. Attach a copy of the Flood Plain Map and include panel number on the copy.

Yes  No  Unknown (If yes, please describe below.)

3. Does the site have the potential to affect or be affected by?

- a. Coastal Areas Protection and Management
- b. Runway Clear Zones & Accident Potential Zones
- c. Endangered Species
- d. Farmland Protection
- e. Compatibility with Local Codes, Plans and Zoning
- f. Wetlands Designated Land
- g. Thermal & Explosive Hazards
- h. Toxic Chemicals & Radioactive Materials
- i. Solid Waste Management
- j. Local Zoning Plans Compatibility

| Yes                                 | No                                  |
|-------------------------------------|-------------------------------------|
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

(If yes to any, please describe.)

4. Is the site within 1,000 feet of a major road/highway/freeway (i.e. a roadway which experiences an average daily traffic count of 10,000 or greater)?

Yes  No  Unknown

If yes, the following must be completed:

- What is the name of the major road/highway/freeway? \_\_\_\_\_
- List the distance of any stop sign (not a traffic signal) that is less than 600 feet from the site \_\_\_\_\_
- What is the average speed of travel on this major road/highway/freeway?  
\_\_\_\_\_
- List the average number of automobiles for both directions during a 24-hour day \_\_\_\_\_
- List the average number of trucks for both directions during a 24-hour day  
\_\_\_\_\_

*Generally, much of this information can be obtained through the City/County Highway or Transportation Department*

5. Is the site within 3,000 feet of a railroad?

Yes  No  Unknown

If yes, the following must be completed:

- What is the name of the railway operating on this line? \_\_\_\_\_
- List the average number of trains for both directions during a 24-hour day  
\_\_\_\_\_
- List the average number of diesel locomotives per train \_\_\_\_\_
- List the average number of railway cars per train \_\_\_\_\_
- List the average train speed \_\_\_\_\_
- Is the track welded or bolted? \_\_\_\_\_
- Is the site near a grade crossing that requires prolonged use of the train's horn?  Yes  No (If no, skip to question # 6)
- How far from the grade crossing are the whistle posts located? \_\_\_\_\_

Generally, much of this information can be obtained by contacting the Supervisor of Customer Relations and/or the Engineering Department for the railway

6. Is the site within 15 miles of a military airport?

Yes  No  Unknown (If yes, please attach a copy of the airport's current noise contour information.) *This information is available for most military airports and can be generally obtained by contacting the Military Agency in Charge of Airport Operations.* If noise contours are not available, please obtain the following:

- List the average number of nighttime jet operations (10 p.m.-7 a.m.)  
\_\_\_\_\_
- List the average number of daytime jet operations (7 a.m. – 10 p.m.)  
\_\_\_\_\_
- List the flight paths of the major runways  
\_\_\_\_\_

7. Is the site within 5 miles of a private/commercial airport or airfield?

Yes  No  Unknown (If yes, please attach a copy of the airport's current noise contour information. This information is available for most private/commercial airports and can be obtained by contacting the FAA Control Tower or Airport Operations. If noise contours are not available, please obtain the following information)

- List the average number of nighttime jet operations (10 p.m. - 7 a.m.)  
\_\_\_\_\_
- List the average number of daytime jet operations (7 a.m. – 10 p.m.)  
\_\_\_\_\_
- List the flight paths of the major runways  
\_\_\_\_\_

**QUESTIONNAIRE - PART C:**

Valuation Reduction: Relationship of the purchase price to the fair market value of the property, if it were not contaminated:

1. Have you identified the type of property transaction (for example-- sale, purchase, ground lease, etc.) to the Environmental Professional?

Yes  No (If yes, please describe)

2. Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

Yes  No (If no, have you considered whether the lower purchase prices is because contamination is known or believed to be present at the property?)

CERTIFICATION

This questionnaire above was completed by:

Owner/Developer Name: SFG REO, LLC  
 Relationship to Site: owner  
 Address: 200 Meeting St, Ste 206  
Charleston, SC 29401  
 E-mail Address: TKUHL@SFG.COM  
 Phone Number: 843-266-1717  
 Date of Completion: 4/27/12

I certify to the best of my knowledge and belief that the above statements and facts submitted are true, accurate and complete.

Signed, sealed and delivered this 27 day of April, 2012, in the

Presence of:

[Signature]  
 Witness

By:

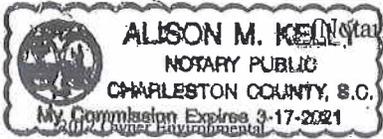
[Signature] ON BEHALF OF  
SFG REO, LLC  
 Property Owner

[Signature]  
 Notary Public

[Signature]  
 Name

My commission Expires on: 3-17-2021

[Signature]  
 Title



Deed Book 50496 Pg 265  
Filed and Recorded Oct-19-2011 08:04am  
2011-028071  
Real Estate Transfer Tax \$341.20  
Cathelene Robinson  
Clerk of Superior Court  
Fulton County, Georgia

[ SPACE ABOVE THIS LINE FOR RECORDING DATA ]

Return Recorded Document to:  
WEINER, SHEAROUSE, WEITZ, GREENBERG & SHAWZ, LLP  
Attn: Mark T. Shawe  
14 T. State Street  
Savannah, Georgia 31401

STATE OF GEORGIA

LIMITED WARRANTY DEED

COUNTY OF HENRY

THIS LIMITED WARRANTY DEED, made this 14th day of October, 2011, between FIRST CITIZENS BANK, as party or parties of the first part, hereinafter called Grantor, and SRG REO, LLC, 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:

WHEREAS, that Grantor, for and in consideration of the sum of TEN AND 00/100'S (\$10.00) Dollars and other good and valuable consideration in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold, conveyed and confirmed, and by these presents does grant, bargain, sell, convey and confirm unto Grantee, the following described property, to-wit;

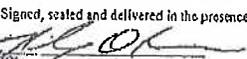
All that tract or parcel of land lying and being in Land Lot 69, of the 7th District, City of Palmatio, Fulton County, Georgia, and being more particularly described as follows: Commence at the common corner of Land Lots #69, 70, 91 & 92; proceed thence south 01 degree 17 minutes 28 seconds west, a distance of 863.85 feet along the common land lot line of Land Lot 69 and Land Lot 92 to a point; said point being the Point of Beginning. Proceed thence south 01 degree 17 minutes 28 seconds west, a distance of 526.27 feet to a point; proceed thence south 88 degrees 04 minutes 13 seconds west, a distance of 994.57 feet to a point at the easterly right of way line of State Route 154 (having a 150 foot right of way); proceed thence north 01 degree 26 minutes 20 seconds west along the eastern right of way of State Route 154, a distance of 397.33 feet to a point; proceed thence south 17 degrees 34 minutes 01 seconds east, leaving said right of way, a distance of 1,023.29 feet to the Point of Beginning.

Said tract of land containing 13.00 Acres, more or less, and further described on a Boundary Survey dated April 16, 2001, by W. R. Fraaks, Georgia Registered Land Surveyor No. 871.

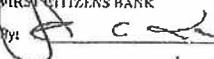
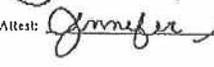
This being the same property conveyed to FIRST CITIZENS BANK under Instrument recorded in Deed Record Book 46861, Page 622 aforesaid records and having Property ID. No.: 07-3100-0069-146-7.

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 behoove of the said Grantee forever in FREE SIMPLE. Grantor expressly covenants that Grantor is seized of said property in good fee simple title and that Grantor has the full right, power and authority to convey the same; that the said property and the Grantor thereof are free and clear of any liens, claims or encumbrances whatever whereby the title to said property may in anywise be charged, changed, impaired or defeated and that the Grantor will forever WARRANT and DEFEND the said premises against the lawful claims of all persons owning, holding or claiming by, through or under the said Grantor.

IN WITNESS WHEREOF, Grantor has executed this Instrument by and through its duly authorized Corporate Officers with the Corporate Seal affixed thereto on the day and year first above written.

Signed, sealed and delivered in the presence of:  
  
Patricia B. Hapner, Notary Public  
My Commission Expires: May 12, 2012



FIRST CITIZENS BANK  
By:  Its President  
Attest:  Its Asst. V.P.

**APPENDIX K:**  
**Property Log and Information**  
**Checklist**

**GEC**

## 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 Heritage Trace  
Palmetto Cascade Highway/State Highway 154  
Palmetto, GA 30268**

Developer's Name and Address: **Heritage Trace, L.P.  
c/o Olympia Construction, Inc.  
404 E. McKinney Avenue  
Albertville, AL 35950  
Attn: Mr. Butch Richardson**

Developer's e-mail Address: [tobutch51@yahoo.com](mailto:tobutch51@yahoo.com)

Developer's Telephone Number: **(256) 878-6054**

Qualified Environmental Professional's Name: **Mary Brooks**

Qualified Environmental Professional's Telephone Number and e-mail address:  
**(478) 757-1606 & [mbrooks@geconsultants.com](mailto:mbrooks@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 3<sup>rd</sup>, 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: Mary Brooks

Name (Type or Print): **Mary Brooks**

Date: May 3<sup>rd</sup>, 2012

**APPENDIX L:  
Proof of Insurance**

**GEC**



# 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<br>Griffin Insurance Agency<br>506 West Ward St.<br><br>Douglas GA 31533                                | CONTACT NAME: Renee Mizell                                                                                    |
|                                                                                                                  | PHONE (A/C, No. Ext): (912) 384-1003 FAX (A/C, No): (912) 384-8014<br>E-MAIL ADDRESS: renee@griffinagency.com |
| INSURED<br>Geotechnical & Environmental Consultants Inc &<br>514 Hillcrest Industrial Blvd<br><br>Macon GA 31204 | INSURER(S) AFFORDING COVERAGE                                                                                 |
|                                                                                                                  | INSURER A: OWNERS INSURANCE COMPANY                                                                           |
|                                                                                                                  | INSURER B:                                                                                                    |
|                                                                                                                  | INSURER C:                                                                                                    |
|                                                                                                                  | INSURER D:                                                                                                    |
|                                                                                                                  | INSURER E:                                                                                                    |

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                                                                                                                                                                                                                                                                                                            | ADDD INSR | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS                                                                                                                                                                                                                                   |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|---------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A        | GENERAL LIABILITY<br><input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY<br><input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR<br><br>GENL AGGREGATE LIMIT APPLIES PER:<br><input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC | X         | X        | 47-849355     | 12/1/2011               | 12/1/2012               | EACH OCCURRENCE \$ 1,000,000<br>DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000<br>MED EXP (Any one person) \$ 10,000<br>PERSONAL & ADV INJURY \$ 1,000,000<br>GENERAL AGGREGATE \$ 2,000,000<br>PRODUCTS - COM/OP AGG \$ 2,000,000 |
| A        | AUTOMOBILE LIABILITY<br><input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS<br><input checked="" type="checkbox"/> HIRED AUTOS<br><input checked="" type="checkbox"/> DOC<br><input type="checkbox"/> SCHEDULED AUTOS<br><input checked="" type="checkbox"/> NON-OWNED AUTOS                                        | X         | X        | 47-84935501   | 12/1/2011               | 12/1/212                | COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000<br>BODILY INJURY (Per person) \$<br>BODILY INJURY (Per accident) \$<br>PROPERTY DAMAGE (Per accident) \$                                                                                |
| A        | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR<br><input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE<br><input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$                                                                               | X         |          | 47-84935500   | 12/1/2011               | 12/1/2012               | EACH OCCURRENCE \$ 4,000,000<br>AGGREGATE \$ 4,000,000                                                                                                                                                                                   |
| A        | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY<br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)<br>If yes, describe under DESCRIPTION OF OPERATIONS below                                                                                                                                       |           | X        | 48-084348     | 12/1/2011               | 12/1/2012               | WC STATUTORY LIMITS <input checked="" type="checkbox"/> OTHER<br>E.L. EACH ACCIDENT \$ 1,000,000<br>E.L. DISEASE - EA EMPLOYEE \$ 1,000,000<br>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. 120312.240 -- Proposed Heritage Trace

|                                                                                                                                            |                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CERTIFICATE HOLDER<br><br>The Georgia Housing & Finance Authority<br>Dept of Community Affairs<br>60 Executive Park S<br>Atlanta, GA 30329 | CANCELLATION<br><br>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<br><br>Renee Mizell/RENEE <i>Anapla 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).

|                                                                                                                      |                                                |                                                                                                                                                                                                                    |               |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| <b>PRODUCER</b><br>Paragon Insurance Service Inc.<br>2945 Horizon Park Drive Ste C<br>Suwanee, GA 30024              | 770-831-5669                                   | <b>CONTACT NAME:</b> Gayle Holcomb<br><b>PHONE (A/C, No, Ext):</b> 770-831-5669<br><b>FAX (A/C, No):</b> 770-831-3363<br><b>E-MAIL ADDRESS:</b> GHolcomb@Paragon-Ins.com<br><b>PRODUCER CUSTOMER ID #:</b> GEOTE-1 |               |
|                                                                                                                      | 770-831-3363                                   |                                                                                                                                                                                                                    |               |
| <b>INSURED</b><br>Geotechnical & Environmental Consultants, Inc.<br>514 Hillcrest Industrial Blvd<br>Macon, GA 31204 | <b>INSURER(S) AFFORDING COVERAGE</b>           |                                                                                                                                                                                                                    | <b>NAIC #</b> |
|                                                                                                                      | <b>INSURER A:</b> Endurance American Spec A XV |                                                                                                                                                                                                                    | 41718         |
|                                                                                                                      | <b>INSURER B:</b>                              |                                                                                                                                                                                                                    |               |
|                                                                                                                      | <b>INSURER C:</b>                              |                                                                                                                                                                                                                    |               |
|                                                                                                                      | <b>INSURER D:</b>                              |                                                                                                                                                                                                                    |               |
|                                                                                                                      | <b>INSURER E:</b>                              |                                                                                                                                                                                                                    |               |

**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.

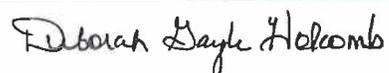
| INSR LTR | TYPE OF INSURANCE                                                                                                                                                                                                                                                                                    | ADDL INSR | SUBR WVD | POLICY NUMBER   | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS                                                                                                                                                                                   |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|-----------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | <b>GENERAL LIABILITY</b><br><input type="checkbox"/> COMMERCIAL GENERAL LIABILITY<br><input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR<br><br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC |           |          |                 |                         |                         | EACH OCCURRENCE \$<br>DAMAGE TO RENTED PREMISES (Ea occurrence) \$<br>MED EXP (Any one person) \$<br>PERSONAL & ADV INJURY \$<br>GENERAL AGGREGATE \$<br>PRODUCTS - COMP/OP AGG \$<br>\$ |
|          | <b>AUTOMOBILE LIABILITY</b><br><input type="checkbox"/> ANY AUTO<br><input type="checkbox"/> ALL OWNED AUTOS<br><input type="checkbox"/> SCHEDULED AUTOS<br><input type="checkbox"/> HIRED AUTOS<br><input type="checkbox"/> NON-OWNED AUTOS                                                         |           |          |                 |                         |                         | COMBINED SINGLE LIMIT (Ea accident) \$<br>BODILY INJURY (Per person) \$<br>BODILY INJURY (Per accident) \$<br>PROPERTY DAMAGE (Per accident) \$<br>\$<br>\$                              |
|          | <b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR<br><b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE<br>DEDUCTIBLE<br>RETENTION \$                                                                                                                                                         |           |          |                 |                         |                         | EACH OCCURRENCE \$<br>AGGREGATE \$<br>\$<br>\$                                                                                                                                           |
|          | <b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b><br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N<br>If yes, describe under DESCRIPTION OF OPERATIONS below                                                                           |           | N/A      |                 |                         |                         | WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER<br>E.L. EACH ACCIDENT \$<br>E.L. DISEASE - EA EMPLOYEE \$<br>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. 120312.240 -- Proposed Heritage Trace

|                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CERTIFICATE HOLDER</b><br><br>GEORG90<br><br>The Georgia Housing and Finance Authority<br>60 Executive Park South, NE<br>Atlanta, GA 30329-2231 | <b>CANCELLATION</b><br><br>SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.<br><br>AUTHORIZED REPRESENTATIVE<br> |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

© 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**

**GEC**

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@coldwellbankercommercialeb.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 black ink that reads 'Arthur P. Barry III'.

Arthur P. Barry III, SIOR  
Associate Broker/Partner

APB/mc

# STATE BANK & Trust Company

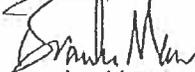
April 2, 2012

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**

ENVIRONMENTAL CERTIFICATION

The undersigned being first duly sworn on oath do certify to the Georgia Department of Community Affairs (DCA)/Georgia Housing and Finance Authority (GHFA) that the statements contained in this certification are true and correct. The undersigned also acknowledge that deviations from the requirements contained in the certification and checklist could result in scoring deductions (Page, Section and/or Appendix numbers must be included for each item).

Project Name: Proposed Heritage Trace

Project Location: Palmetto Cascade Highway/State Highway 154

|                       |
|-----------------------|
| <b>Page/Sec./App.</b> |
|-----------------------|

1. The Phase I Report for the above referenced project has been prepared according to the applicable DCA required format. 1-29/A-U
2. The Phase I Report and/or update was performed under the supervision of an "Environmental Professional" as defined in 40 C.F.R. § 312.10(b) (hereinafter referred to as an Environmental Professional). *Résumés describing the qualifications of all personnel involved with the Phase I environmental site assessment must be included.* 4-5/2.4/I
3. The Environmental Professional is not affiliated with the Owner/developer or a buyer or seller of the project. 1-2/1.0
4. The Phase I Report and/or update was prepared less than 180 days prior to Application submission and within 30 days of the site reconnaissance. In addition, the date of the Report appears on the cover page of the Report. 16/5.0/B
5. The Georgia Housing and Finance Authority and DCA have the right to rely upon the Phase I and/or Phase II Report prepared for the property in the same way as the Owner, client and any other authorized users of the Report(s). 5-6/2.6
6. The Phase I Report was prepared in accordance with the applicable ASTM and DCA standards. 1-2&3-4/1.0&2.2
7. The Environmental Professional employed by the consulting firm has supervised the performance of the Phase I, reviewed, signed and stamped both the Phase I and Phase II Reports (if applicable) and any amendments, addenda and updates thereto. N
8. The Environmental Professional has included a comprehensive historical review of the subject property back to 1940 or the property's first developed use, whichever is earlier. 21-22/5.5/D
9. The Phase I includes the professional opinion of the Environmental Professional as to any potential environmental risks and as to any recognized environmental conditions identified during the comprehensive historical review. 25-26/6.0&7.0
10. The Environmental Professional has:
  - \* Commercial General Liability insurance, total combined single limits of \$1,000,000.00 per occurrence and \$2,000,000.00 in the aggregate; *and* L
  - \* Professional Errors and Omissions Insurance with limits of \$2,000,000.00 each claim and \$2,000,000.00 in the aggregate with coverage extended to include third party liability for death, bodily injury, diminution of value of property and property damage. L
  - \* Pollution Liability Insurance with limits of \$2,000,000.00 each claim and \$2,000,000.00 in the aggregate. L

Project Name: Proposed Heritage Trace

Project Location: Palmetto Cascade Highway/State Highway 154

**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). 16-21/5.4.22/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). N/A
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

6/8/12  
Date



**APPENDIX O:  
Consumer Confidence Report on  
Water Quality**

**GEC**

# CITY OF PALMETTO ANNUAL WATER QUALITY REPORT CALENDAR YEAR 2010

509 Toombs Street - Palmetto, Georgia 30268 - (770) 463-3377  
This report includes data collected from January 1, 2010 through December 31, 2010

The City of Palmetto Water Works (WSID# GA1210008) is pleased to provide this Water Quality Report, with detailed accounts of all of the monitoring and testing results gathered from water quality testing in our community during the past calendar year. This report details where our water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with safe, dependable tap water on a year-round basis and are proud to provide this information.

Your water comes primarily from the Cedar Creek Reservoir. This water is treated at the City of Palmetto surface water treatment plant located at 9425 Water Works Road. The City's treatment met or exceeded all safety and quality standards set by the State of Georgia Environmental Protection Division (EPD) and the United States Environmental Protection Agency (EPA) during the previous year.

Supplemental water supplies are also from the Coweta County Water System. The Coweta County Water System did not incur any violations in 2010. Once water is in the City's distribution system, additional testing is performed to ensure that the water remains safe and of the highest quality.

The City of Palmetto Water System did not incur any violations in 2010. For more information about your water or this report, please contact W. F. "Butch" Gaddy, III at (770) 463-3322 or at [publicwork@citypalmetto.com](mailto:publicwork@citypalmetto.com). The City will not provide copies of this Water Quality Report by mail or other delivery methods. However, copies will be made available upon request.

## WATER QUALITY DATA

The tables below list all the drinking water contaminants that we measured above detectable limits during the 2010 calendar year. The presence of these contaminants in the water is normal and does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in these tables is from testing done January 1, 2010 - December 31, 2010. The goal of water treatment is to remove contaminants from water to meet pre-specified standards and to maintain contaminant levels below established maximum contaminant levels (MCL). Not listed are the hundreds of other compounds for which the water was tested but not found at detectable levels. EPD requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Therefore some of the data, though representative of the water quality, is more than one year old. All data preceded by \* is Coweta County Water System information.

### Terms & Abbreviations

- **Action Level (AL):** the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- **Maximum Contaminant Level (MCL):** 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 water treatment technology.
- **Maximum Contaminant Level Goal (MCLG):** 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.
- **Maximum Residual Disinfectant Level (MRDL):** the highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbiological contaminants.
- **Maximum Residual Disinfectant Level Goal (MRDLG):** level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
- **n/a:** not applicable
- **ND (Not Detected):** indicates that the substance was not detectable, by laboratory analysis, at the testing limit.
- **Nephelometric Turbidity Units (NTU):** a measure of very small particulate matter in drinking water. Turbidity of 5 NTU is just noticeable to the average person.
- **ppb:** parts per billion or micrograms per liter; corresponds to 1 minute in 2,000 years or 1 penny in \$10,000,000.
- **ppm:** parts per million or milligrams per liter; corresponds to 1 minute in 2 years, or 1 penny in \$10,000.
- **Treatment Technique (TT):** a required treatment technique or process intended to reduce the level of a contaminant in drinking water.

**Microbiological Monitoring Results Table**

| Parameter (presence or absence of bacteria in a sample) | MCL                                                                    | MCLG | Palmetto * Coweta Co. | Sample Date | Violation (No/Yes) | Typical Source of Contaminant        |
|---------------------------------------------------------|------------------------------------------------------------------------|------|-----------------------|-------------|--------------------|--------------------------------------|
|                                                         | Palmetto monthly results measured in number of detections              |      |                       |             |                    |                                      |
|                                                         | * Coweta measurements in percent of monthly samples tested as positive |      |                       |             |                    |                                      |
| Total Coliform Bacteria                                 | 1 positive sample/month                                                | 0    | 0                     | 2010        | No                 | naturally present in the environment |
|                                                         | * 5% of monthly samples are positive                                   | * 0% | * 0                   | 2010        | No                 |                                      |

**Detected Inorganic Contaminants Table**

| Parameter (units) | MCL      | MCLG      | Palmetto        | Range of Detections      | Sample Date | Violation (No/Yes) | Typical Source of Contaminant             |
|-------------------|----------|-----------|-----------------|--------------------------|-------------|--------------------|-------------------------------------------|
|                   |          |           | * Coweta County | Palmetto * Coweta County |             |                    |                                           |
| Fluoride (ppm)    | 4        | 4         | 0.90            | 0.81 - 0.90              | 2010        | No                 | water additive that promotes strong teeth |
|                   |          |           | * 1.27          | * 0.93 - 1.27            |             |                    |                                           |
| Chlorine (ppm)    | 4 (MRDL) | 4 (MRDLG) | 1.72            | 0.25 - 1.72              | 2010        | No                 | water additive used to control microbes   |
|                   |          |           | * 2.12          | * 0.53 - 2.12            |             |                    |                                           |
| Chlorite (ppm)    | 1        | 0.8       | n/a             | n/a                      | 2010        | No                 | by-product of drinking water chlorination |
|                   |          |           | * 0.46          | * 0.0 - 0.46             |             |                    |                                           |
| Nitrate (ppm)     | 10       | 10        | ND              | ND                       | 2010        | No                 | runoff from fertilizer use                |
|                   |          |           | * 0.14          | * 0.0 - 0.14             |             |                    |                                           |

**Detected Organic Contaminants Table**

| Parameter (units)           | MCL | MCLG | Palmetto        | Range of Detections      | Sample Date | Violation (No/Yes) | Typical Source of Contaminant             |
|-----------------------------|-----|------|-----------------|--------------------------|-------------|--------------------|-------------------------------------------|
|                             |     |      | * Coweta County | Palmetto * Coweta County |             |                    |                                           |
| Total Organic Carbon (ppm)  | TT  | n/a  | 2.2             | 1.2 - 2.2                | 2010        | No                 | naturally present in the environment      |
|                             |     |      | * 3.6           | * 0.9 - 3.6              |             |                    |                                           |
| Total Trihalomethanes (ppb) | 80  | n/a  | 51              | 32 - 60                  | 2010        | No                 | by-product of drinking water chlorination |
|                             |     |      | * 76            | * 52 - 76                |             |                    |                                           |
| Haloacetic Acids (ppb)      | 60  | n/a  | 34              | 19 - 45                  | 2010        | No                 | by-product of drinking water disinfection |
|                             |     |      | * 57.5          | * 30.7 - 57.5            |             |                    |                                           |

Result values for Total Trihalomethanes (THMs) and Haloacetic Acids (HAAs) are calculated as running annual averages, and therefore include data from 2009. The Ranges of Detection, however, reflect only 2010 test results. No violations were noted on either the 2009 or 2010 levels.

| Lead and Copper Monitoring Results Table |     |      |                             |                                  |                |                       |                                            |
|------------------------------------------|-----|------|-----------------------------|----------------------------------|----------------|-----------------------|--------------------------------------------|
| Parameter (units)                        | AL  | MCLG | Palmetto<br>* Coweta County | # of Sites Found<br>Above the AL | Sample<br>Date | Violation<br>(No/Yes) | Typical Source of<br>Contaminant           |
| Copper (ppm)                             | 1.3 | 1.3  | 0.09                        | 0                                | 2010           | No                    | corrosion of household<br>plumbing systems |
|                                          |     |      | * 0.09                      | * 0                              | * 2010         |                       |                                            |
| Lead (ppb)                               | 15  | 0    | 0.25                        | 0                                | 2010           | No                    | corrosion of household<br>plumbing systems |
|                                          |     |      | * 2.5                       | * 0                              | * 2010         |                       |                                            |

Lead and Copper sample value represents 90<sup>th</sup> percentile value of samples collected from the most recent round of sampling.

| Other Monitoring Results Table |                                                          |      |                             |                        |                |                       |                                  |
|--------------------------------|----------------------------------------------------------|------|-----------------------------|------------------------|----------------|-----------------------|----------------------------------|
| Parameter (units)              | TT                                                       | MCLG | Palmetto<br>* Coweta County | Range of<br>Detections | Sample<br>Date | Violation<br>(No/Yes) | Typical Source of<br>Contaminant |
| Turbidity (NTU)                | TT (as highest<br>value reported)                        | 0    | 0.29                        | n/a                    | 2010           | No                    | soil run-off and erosion         |
|                                |                                                          |      | * 0.23                      |                        |                |                       |                                  |
|                                | TT (as lowest<br>percentage of<br>samples<br>meeting TT) |      | 100%                        | n/a                    | 2010           | No                    |                                  |
|                                |                                                          |      | * not reported              |                        |                |                       |                                  |

Turbidity is a measure of the cloudiness of water. We monitor turbidity because it is a good indicator of the effectiveness of our filtration system.

### SOURCE WATER ASSESSMENT

The City of Palmetto Water Works and the Atlanta Regional Commission have completed an assessment of potential for pollution of surface drinking water supply sources. The results of this assessment can be found on the Internet at <http://www.atlantaregional.com/swap/>, or may be requested by mail or by phone from the Information Center, Environmental Planning Division, Atlanta Regional Commission, 40 Courtland Street, NE, Atlanta, GA 30303, (404) 463-3106. A Source Water Assessment is a study and report, unique to each water system, that provides basic information about the water used to provide drinking water. The Source Water Assessments:

- Identify the area of land that contributes the raw water used for drinking water,
- Identify potential sources of contamination to drinking water supplies, and
- Provide an understanding of the drinking water supply's susceptibility to contamination.

This information can help communities understand the potential for contamination of their drinking water supplies and can be used to prioritize the need for protecting drinking water sources.

### INFORMATION ABOUT CONTAMINANTS

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 EPA's Safe Drinking Water Hotline (800) 426-4791.

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 from their health care providers about drinking water and

potential risks from public water supplies. The U.S. EPA/CDC (Centers for Disease Control and Prevention) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (800) 426-4791.

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive materials, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include the following:

- *Microbial contaminants*, such as viruses and bacteria that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- *Inorganic contaminants*, such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- *Lead*, if present, at elevated levels 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 Palmetto Water System 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 or at <http://www.epa.gov/safewater/lead>.
- *Pesticides and herbicides*, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Organic chemical contaminants*, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.
- *Radioactive contaminants*, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

## PARTICIPATION

Your water system is an active participant in the community. Our employees are involved in many civic organizations and are pleased to offer information and speakers to the community on water protection, water treatment, as well as provide tours of our facilities.

Your City Council meets the 1st Monday of each month at 7:30 p.m. in the Council Chambers at City Hall. Your participation or comments are welcome at these meetings.

**APPENDIX P:**  
**Endangered Species Documentation**



## WILDLIFE RESOURCES DIVISION

### Known occurrences of special concern plants, animals and natural communities Fulton County — Fips Code: 13121

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

- Aimophila aestivalis* (Bachman's Sparrow) [GA] - bird
- Ammodramus henslowii* (Henslow's Sparrow) [GA] - bird
- Cambarus howardi* (Chattahoochee Crayfish) [GA] - crustacean
- Cyprinella callitaenia* (Bluestripe Shiner) [GA] - fish
- Elliptio arctata* (Delicate Spike) [GA] - mollusk
- Etheostoma scotti* (Cherokee Darter) [US] - fish
- Falco peregrinus* (Peregrine Falcon) [GA] - bird
- Hamiota subangulata* (Shinyrayed Pocketbook) [US] - mollusk
- Hemidactylium scutatum* (Four-toed Salamander) - amphibian
- Medionidus penicillatus* (Gulf Moccasinshell) [US] - mollusk
- Notropis hypsilepis* (Highscale Shiner) [GA] - fish
- Nyctanassa violacea* (Yellow-crowned Night-heron) - bird
- Pituophis melanoleucus melanoleucus* (Northern Pine Snake) - reptile
- Quadrula infucata* (Sculptured Pigtoe) - mollusk

#### Plant Occurrences

- Cypripedium acaule* (Pink Ladyslipper) [GA]
- Cypripedium parviflorum* (Yellow Ladyslipper) [GA]
- Dryopteris celsa* (Log Fern)
- Fothergilla major* (Mountain Witch-alder) [GA]
- Hexastylis shuttleworthii* var. *harperi* (Harper Wild Ginger)
- Listera australis* (Southern Twayblade)
- Melanthium latifolium* (Broadleaf Bunchflower)
- Monotropsis odorata* (Sweet Pinesap) [GA]
- Nestronia umbellula* (Indian Olive) [GA]
- Panax quinquefolius* (American Ginseng)
- Rhus michauxii* (Dwarf Sumac) [US]
- Schisandra glabra* (Bay Star-vine) [GA]
- Symphotrichum georgianum* (Georgia Aster) [US]
- Waldsteinia lobata* (Barren Strawberry) [GA]

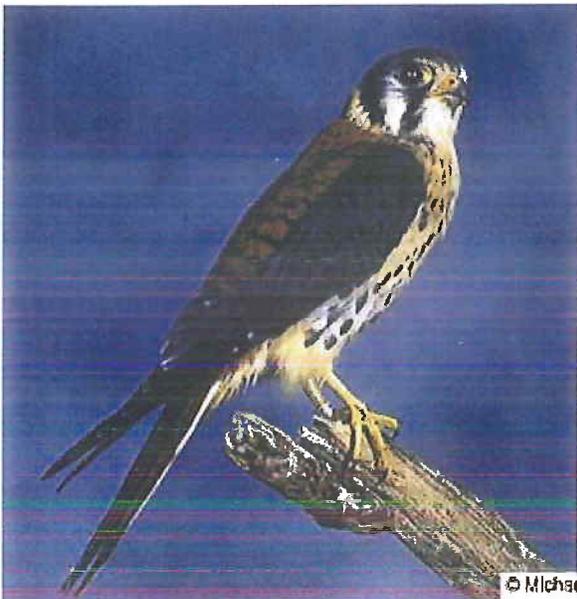
Generated from Georgia DNR's NatureServe Biotics conservation database on October 12, 2011



BACHMAN'S SPARROW- open woods



HENSLOW'S SPARROW- nests in tall grass



PEREGRINE FALCON



PINK LADY'S SLIPPER- swamps, dry woods



YELLOW LADY'S SLIPPER



MOUNTAIN WITCH ALDER- rocky, shade



SWEER PINESAP- leaf litter of forest



INDIAN OLIVE- dry



DWARF SUMAC- open woods, full sun



BAY STAR VINE- trails along the ground or twines up shrubs and trees; woods, along streams

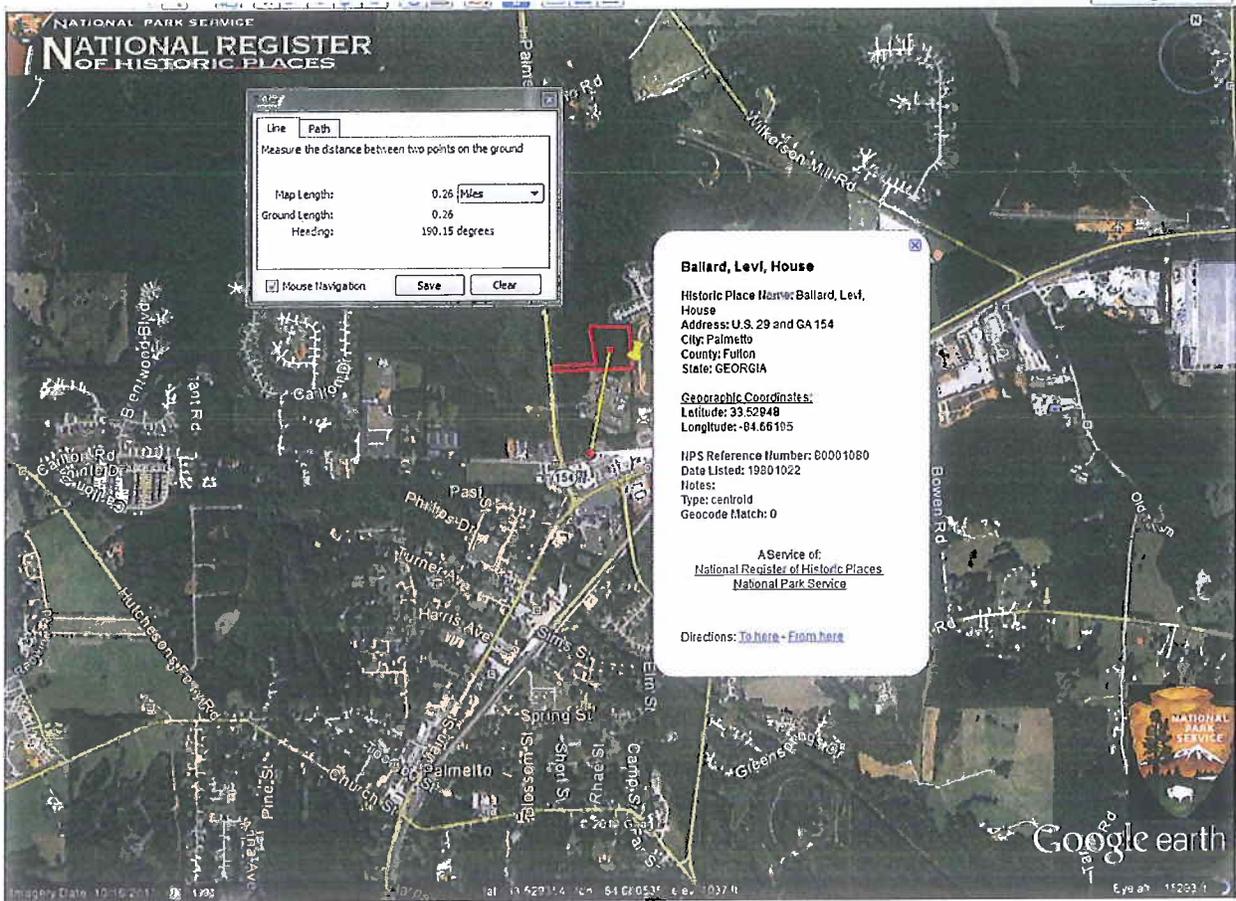


GEORGIA ASTER – dry, open areas

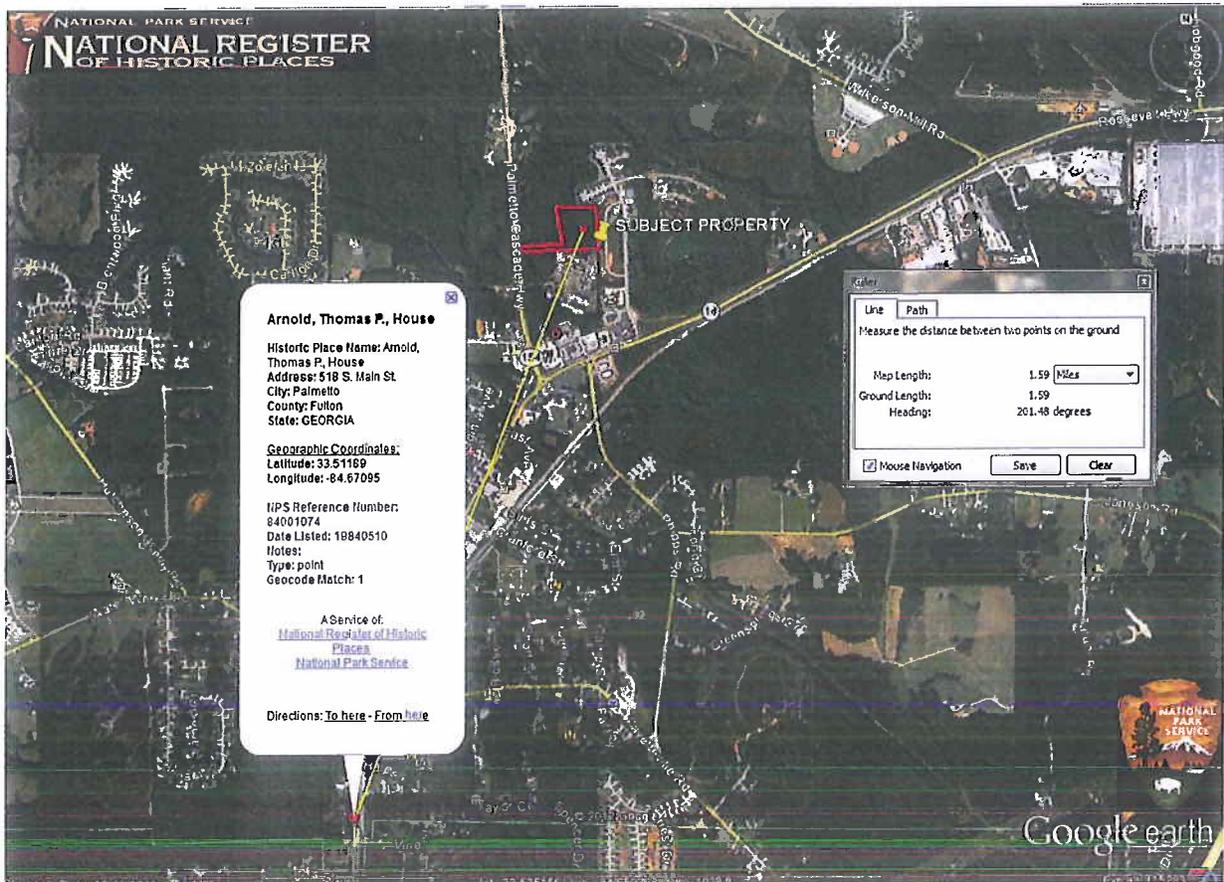


BARREN STRAWBERRY- steep slopes, shade

**APPENDIX Q:  
SHPO Review Documentation**



Ballard, Levi, House 0.26 miles from subject property



Arnold, Thomas P., House 1.59 miles from subject property

# GEC

GEOTECHNICAL  
&  
ENVIRONMENTAL  
CONSULTANTS, INC

**June 8, 2012**

**Dr. David Crass  
Division Director  
Deputy State Historic Preservation Officer  
Georgia Department of Natural Resources  
Historic Preservation Division  
254 Washington Street, SW, Ground Floor  
Atlanta, GA 30334**

**SUBJECT:** 36 CFR 800 SHPO Consultation for a Department of Community Affairs Phase I  
Environmental Site Assessment  
Heritage Trace Apartments  
Cascade Palmetto Highway  
Palmetto, Fulton County, Georgia  
**GEC Job #120312.240**

**Dear Dr. Crass:**

Geotechnical & Environmental Consultants, Inc. (GEC) is conducting a Phase I Environmental Site Assessment (ESA) for the Department of Community Affairs and USDA Rural Development on the proposed Heritage Trace Apartments located off Cascade Palmetto Highway in Palmetto, Georgia. This letter is a request for consultation regarding the proposed project in accordance with 36 CFR 800. The subject site is approximately 6-acres and is densely wooded. The property is bordered by residential properties and forested land. There are no structures on the property. A 48-unit Housing for Older People apartment complex is proposed for this site. Details of the project include:

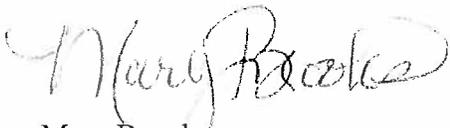
**Applicant:** Heritage Trace Apartments, L.P.  
Mr. Butch Richardson  
P.O. Box 1909  
Albertville, Alabama 35950  
Tobutch51@yahoo.com  
(256) 878-6054

Contact: Geotechnical & Environmental Consultants, Inc.  
Mary Brooks  
514 Hillcrest Industrial Blvd.  
Macon, Georgia 31204  
mbrooks@geconsultants.com  
(478) 757-1606

Enclosed are copies of an U.S.G.S. Topographic Quadrangle Map, an aerial photograph, street map, site plan, historical aerial photographs, photograph-key map, and photographs of the subject property and vicinity taken during site reconnaissance on May 3, 2012. The goal of this inquiry is to determine whether or not the purchase of this property for Housing for Older People apartments, will disturb or affect any historical property/ies and/or cultural resources.

Due to the expediency in which DCA needs this information to complete the Home/HUD application, we would appreciate it if you could respond as quickly as possible. If you have any questions or need any further information, please contact our office at 478 757-1606, or email at mbrooks@geconsultants.com. Thanks for your assistance in this matter.

Sincerely,  
**GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS, INC.**



Mary Brooks  
Senior Environmental Specialist

Attachments

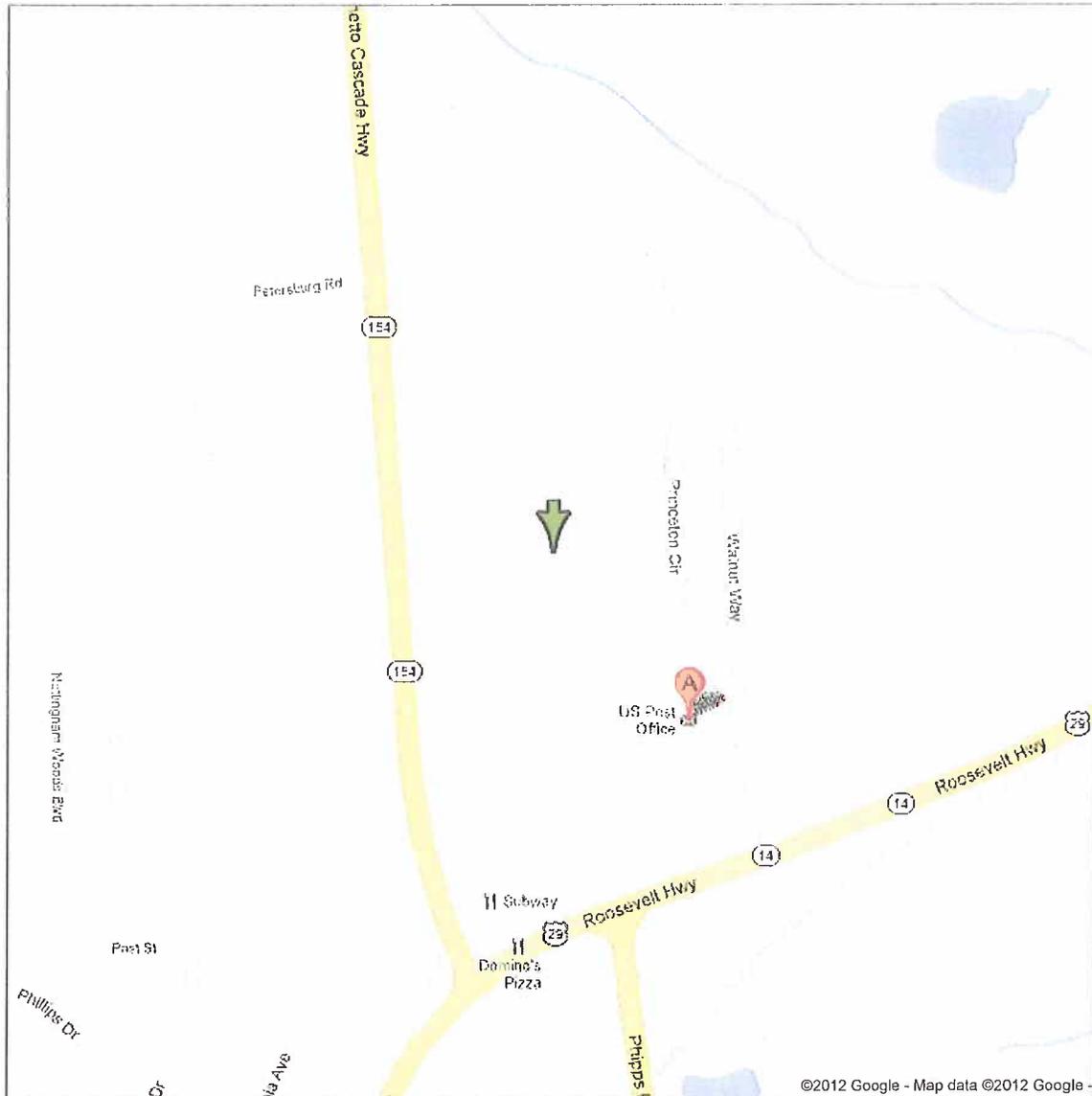
cc: Mr. Butch Richardson, Heritage Trace, L.P.

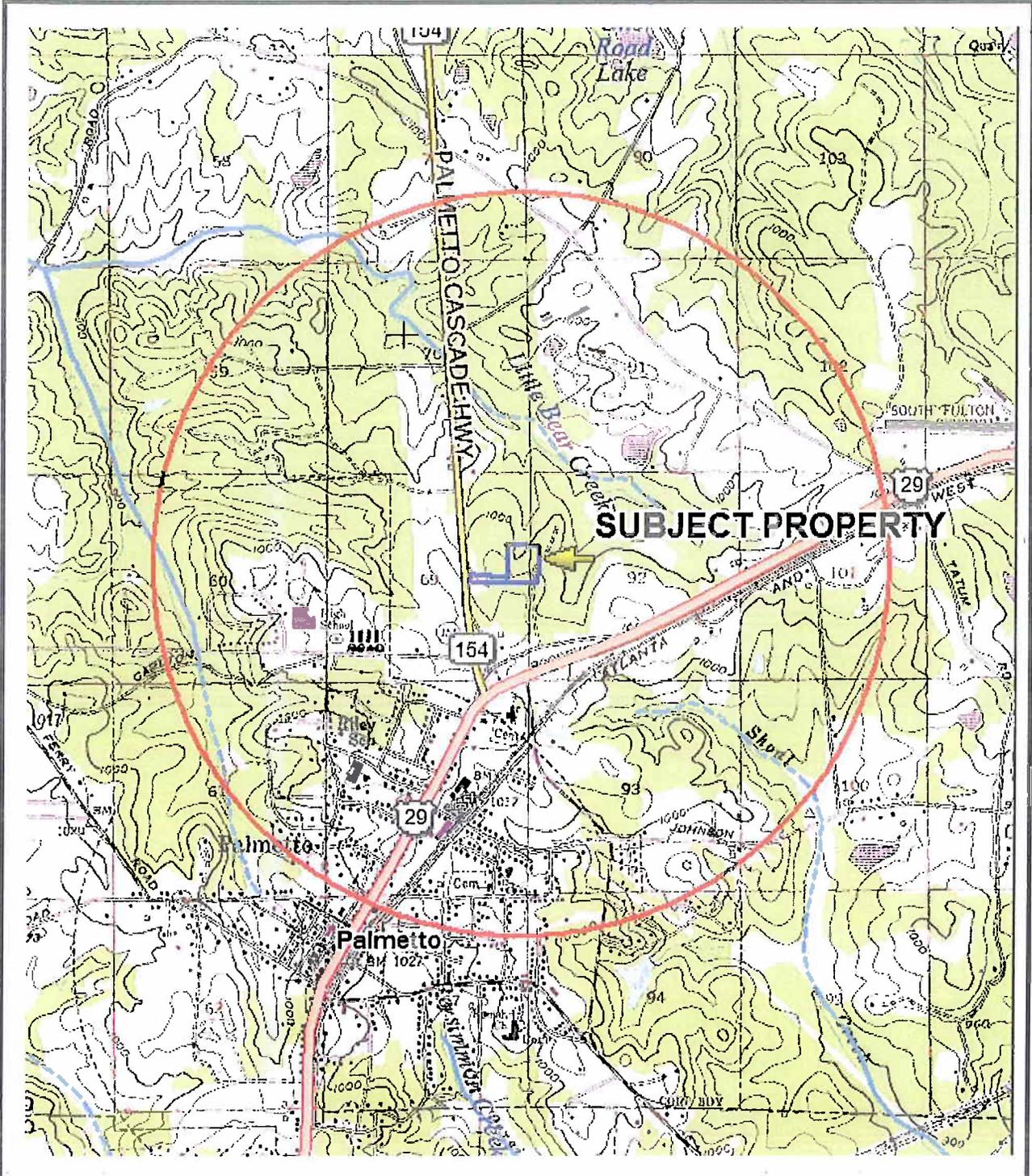
**GEC**



Address 502 Walnut Way  
Palmetto, GA 30268

Heritage Trace Apartments





U.S.G.S. Topographic Map  
 Proposed Heritage Trace  
 Palmetto, Fulton County, Georgia  
 GEC Project No. 120312.240  
 Approximate Scale: 1" = 2,000'  
 Source: Palmetto, GA Quadrangle (1982)

**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



**Current Aerial Photograph  
Proposed Heritage Trace  
Palmetto, Fulton County, Georgia  
GEC Project No. 120312.240  
Approximate Scale: 1"=370'  
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

**LEGEND**

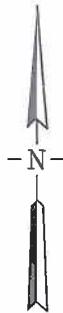
| UNIT TYPE                             | COUNT              |
|---------------------------------------|--------------------|
| UNIT 'A' - ONE BEDROOM                | 10 UNITS           |
| UNIT 'E' - ONE BEDROOM - HANDICAP     | 1 UNIT             |
| UNIT 'C' - ONE BEDROOM - SENSORY      | 1 UNIT             |
| UNIT 'D' - TWO BEDROOM                | 34 UNITS           |
| UNIT 'E' - TWO BEDROOM - HANDICAP     | 1 UNIT             |
| UNIT 'EE' - TWO BEDROOM - HDCP/R-SHWR | 1 UNIT             |
| <b>TOTAL UNITS</b>                    | <b>48 UNITS</b>    |
| <b>PARKING SPACES:</b>                | <b>81</b>          |
| <b>SITE AREA:</b>                     | <b>6.5 ACRES ±</b> |

**OWNER**

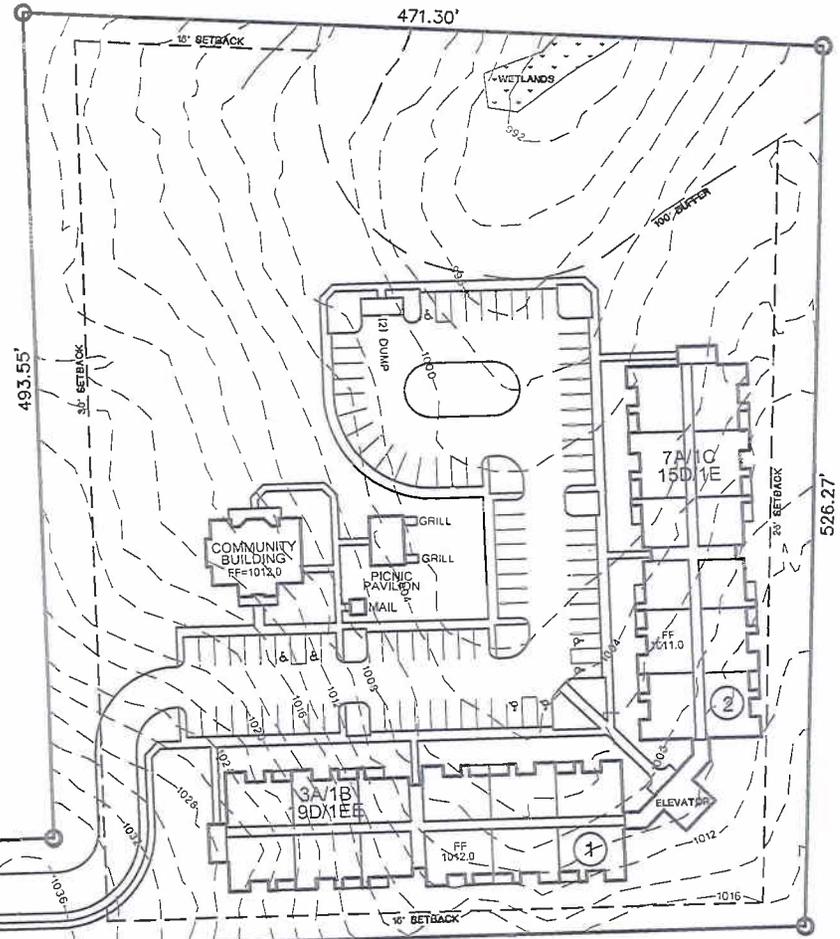
HERITAGE TRACE, L.P.  
 P.O. BOX 1909  
 ALBERTVILLE, ALABAMA 35950

**ARCHITECT**

McKEAN & ASSOCIATES, ARCHITECTS, LLC  
 2815 ZELDA ROAD  
 MONTGOMERY, ALABAMA 36106



UNDEVELOPED PROPERTY



UNDEVELOPED PROPERTY

UNDEVELOPED PROPERTY

MULTI-FAMILY

**SCHEMATIC SITE PLAN**

JUNE 04, 2012

HERITAGE TRACE  
 PALMETTO, GEORGIA





Client: DCA Properties/Heritage Trust  
Address: Highway 154/26th Ave SW  
City: ST. CLAIR, CA 94593  
Year: 2007

Client: Geisler & Co  
EDM Agency: 2256 12-1  
EDP: 4027002-24-0384

231

EDM

N

2007 Aerial Photograph



Geologic: DCA Deposited Heritage Tract  
Address: Highway 156 (Cave Point) Rd  
City: El Dorado, Ca 95023  
Year: 2006

Client: Geophysical & Seismic Corp  
EDR No: 020612-23  
DPR: 6275032-2-02-2311

200

2006 Aerial Photograph



Site Name: OCA Proposed Heritage Tract  
Address: Highway 154 Cascade Palmetto Highway  
City, ST, ZIP: Palmetto, OA 30259  
Year: 2005

Client: Cateshield & En-A. Cons.  
EDR Project: 3206513.23  
Date: 4/27/2012 2:47 PM

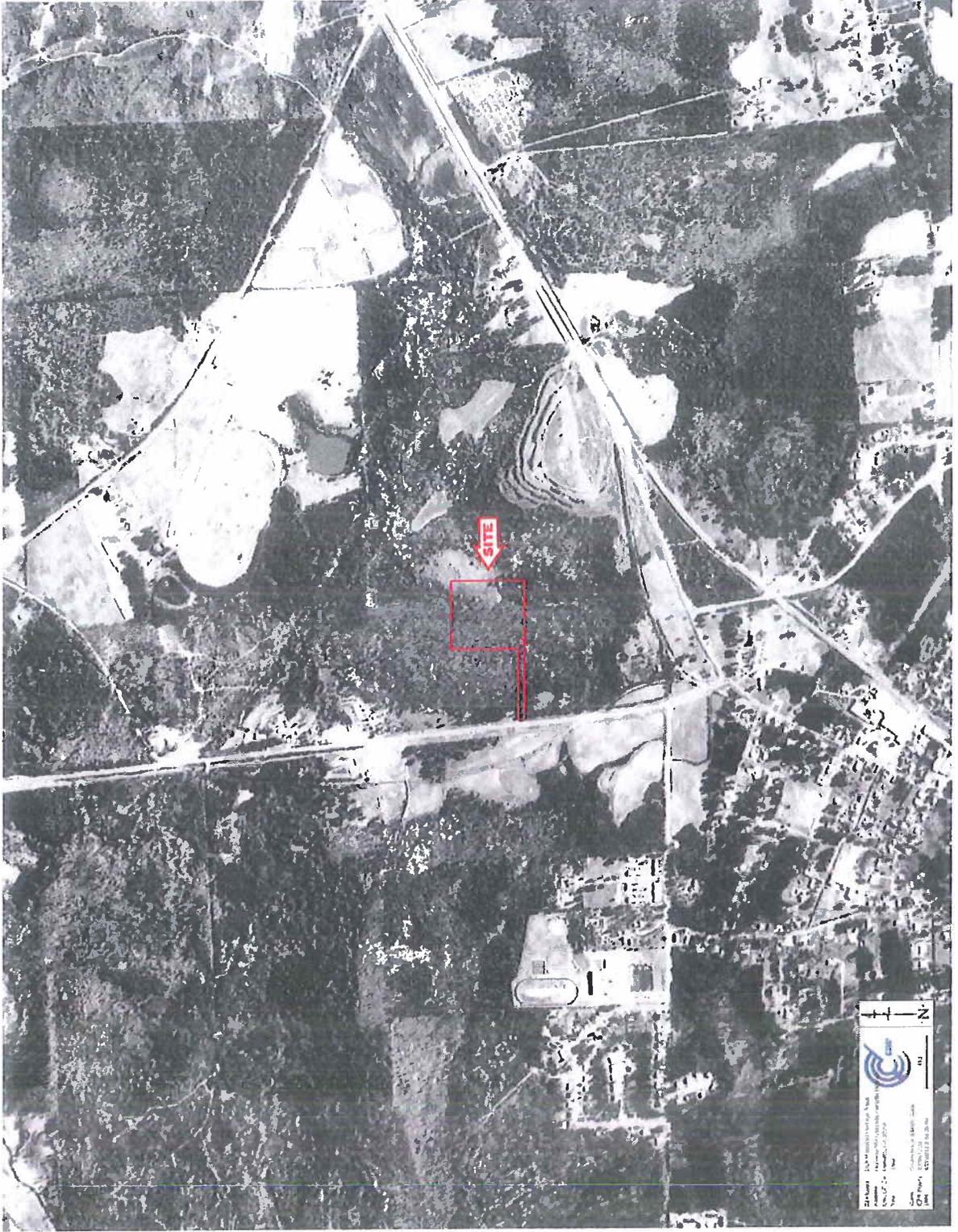
233



2005 Aerial Photograph



1993 Aerial Photograph



1988 Aerial Photograph

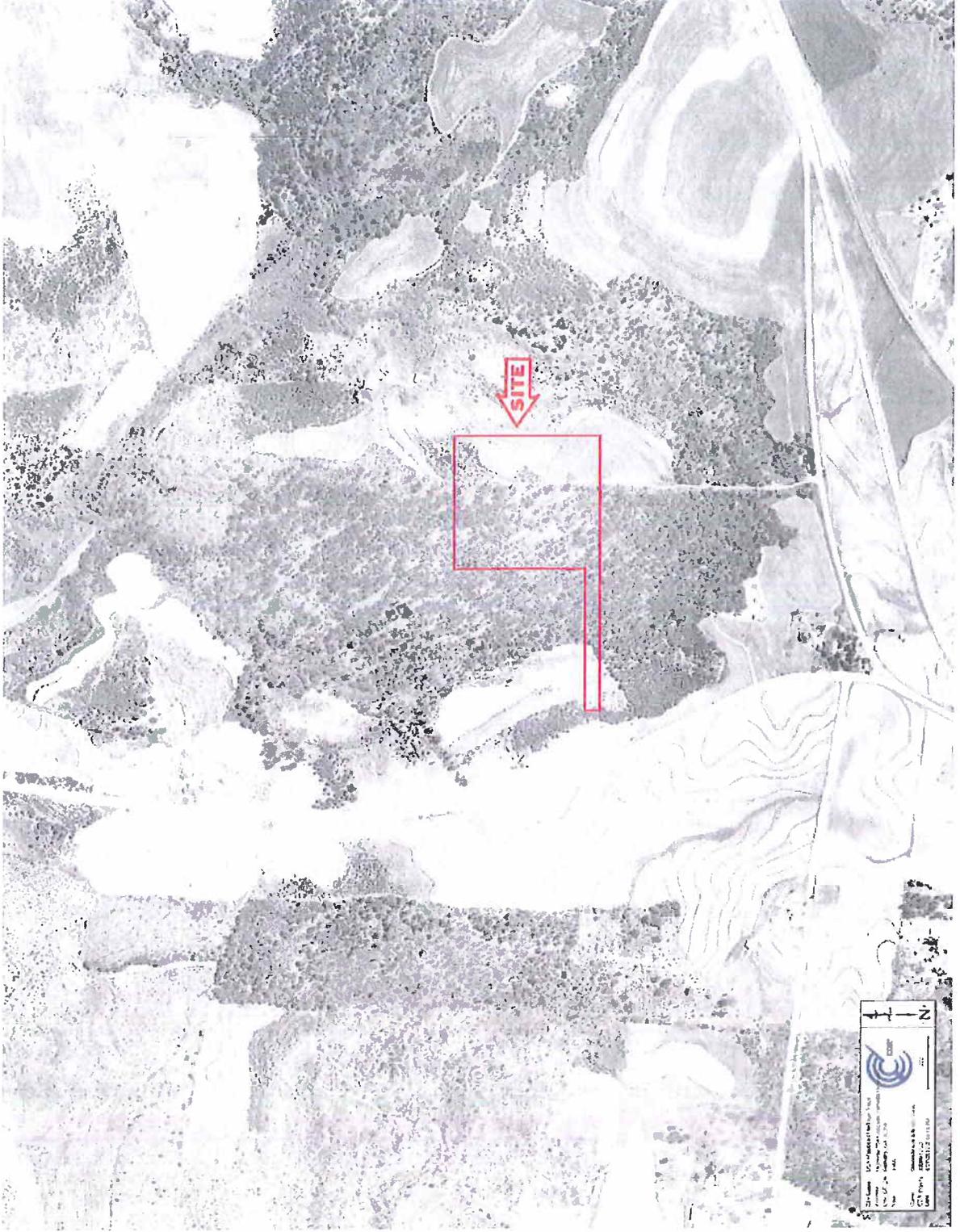


Site Name: CCA Heritage Trail  
Address: Highway 101, Box 101, 101  
City: 101, Box 101, 101  
State: 101  
County: 101  
Date: 10/10/10  
Scale: 1:10000  
Map: 101

1972 Aerial Photograph



1960 Aerial Photograph

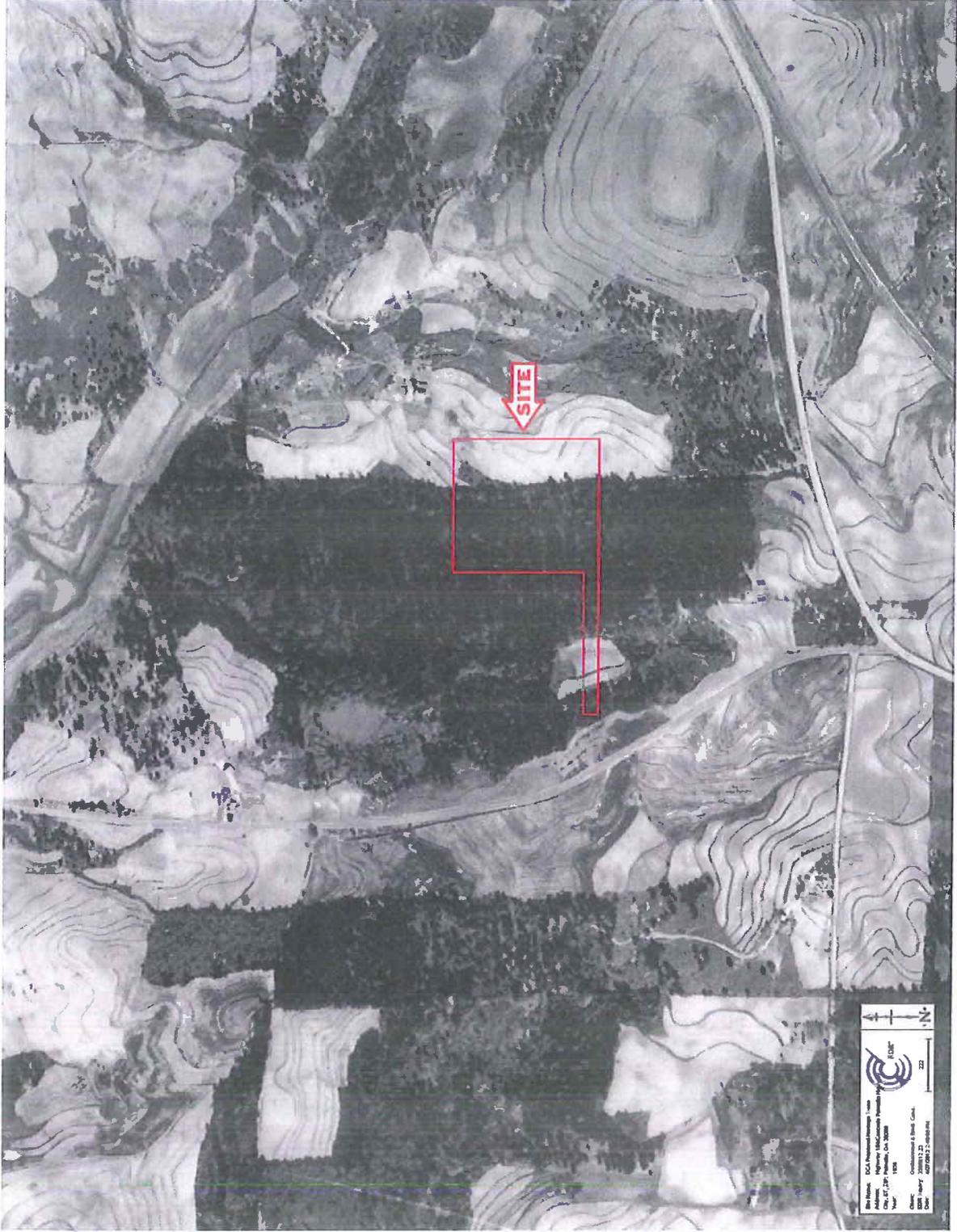


1955 Aerial Photograph



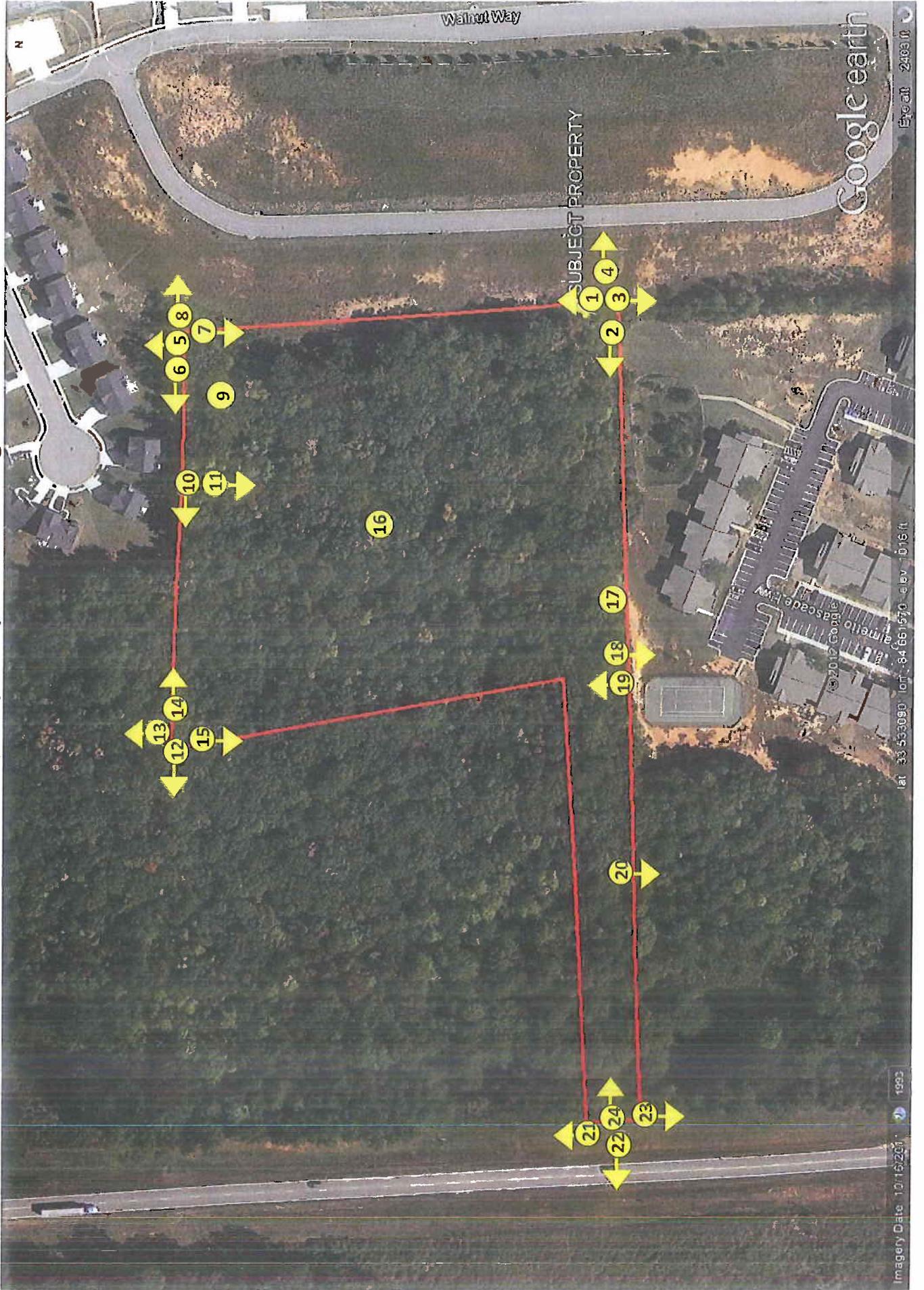
1942 Aerial Photograph

**ELEC**  
ELECTRIC ENGINEERING & CONSULTING, INC.  
Address: 11500 Oldham Road  
Chattanooga, TN 37421  
Year: 1942  
Client: Chattanooga & Brainerd, Tenn. Co.  
Date: 11/17/2012 10:17 AM



1938 Aerial Photograph

# Photographic Map Key- Proposed Heritage Trace





Photograph 1: Looking north along the site's eastern boundary from the southeast corner of the site; subject property on the left, adjacent residential development in the background



Photograph 2: View from the southeast corner looking west along the site's southern boundary



Photograph 3: General view from the property's southeast corner looking south



Photograph 4: Facing east towards Walnut Way from the southeast corner of the site



Photograph 5: View of northeasterly adjacent residential development from the northeast property corner



Photograph 6: Looking west from the northeast property corner; subject property on the left, adjacent residential development on the right



Photograph 7: General view looking south down the eastern property boundary from the northeast corner of the site; subject property on right, adjacent open land on the left



Photograph 8: View from the northeast property corner toward easterly adjacent open land and Walnut Way



Photograph 9: View of drainage feature running towards the northeast corner of the site



Photograph 10: Facing west from the middle of the northern property boundary



Photograph 11: General interior view of the site from the northern property boundary



Photograph 12: View of westerly adjacent woodlands from the subject property's northwest corner



Photograph 13: View of adjacent woodlands, facing north from the property's northwest corner



Photograph 14: View from the subject property's northwest corner facing east



Photograph 15: Facing south down the property's western boundary from the northwest corner of the site



Photograph 16: Area observed on the central portion of the subject site that was holding water



Photograph 17: View of drainage piping observed on the southern property line near Palmetto Preserve



Photograph 18: View of adjacent residential property (The Palmetto Preserve ) located south of the subject property



Photograph 19: Interior view of the subject property from the site's southern boundary



Photograph 20: View of adjacent property southwest of the subject site



Photograph 21: Northerly view up Highway 154 from the entrance to the site; subject property on right, adjacent woodlands on left



Photograph 22: View facing west toward adjacent property across Highway 154 from the entrance to the subject site



Photograph 23: Southerly view down Highway 154 from the entrance to the subject property



Photograph 24: View looking eastward down the entrance of the subject site from the western side of the subject property

**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**

**GEC**

**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**