

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**WOODLANDS VILLAGE APARTMENTS PHASE I & II  
1201 WEST NORTH MAIN STREET  
LAFAYETTE, WALKER COUNTY, GEORGIA  
GEC JOB #120313.240**

PREPARED FOR

**WOODLANDS VILLAGE II, L.P.  
C/O OLYMPIA CONSTRUCTION  
404 EAST MCKINNEY AVENUE  
ALBERTVILLE, ALABAMA 35950  
ATTN: MR. BUTCH RICHARDSON**

PREPARED BY

**GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS, INC.  
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ISSUE DATE

**JUNE 12, 2012**

**GEC**

ENVIRONMENTAL CONSULTANT SIGNATURE PAGE FOR PHASE I REPORTS

June 12, 2012

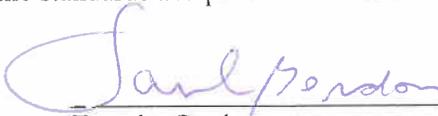
To: Georgia Department of Community Affairs  
60 Executive Park South, NE  
Atlanta, Georgia 30329-2231

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.

6/12/12  
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 Woodlands Village Apartments Phase I & II development at 1201 West North Main Street, Lafayette, 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).

6-12-12  
Date

  
Robert T. Hadden  
Environmental Professional/  
Environmental Department Manager

6/12/12  
Date

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



GEC

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

Resume: JON A. SPALLER, P.G.

Resume: ROBERT T. HADDEN

Resume: TAMEKA GORDON

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## 1.0 EXECUTIVE SUMMARY

Mr. Butch Richardson with Olympia Construction retained Geotechnical & Environmental Consultants, Inc. (GEC) on behalf of Woodlands Village II, L.P. to perform a Phase I Environmental Site Assessment (ESA) on the approximately 8.5-Acre Woodlands Village Apartments Phase I & II site located at 1201 West North Main Street; north of Campbell Avenue, southwest of North Main Street, east of Probasco Street, and south of Hobart Lane located in the City of Lafayette, Walker County, Georgia. GEC is not affiliated with Mr. Richardson; Olympia Construction; Woodlands Village II, 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 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.

- A previous Phase I ESA was performed on the subject property by Environmental Associates, Inc. on June 29, 2001, an update of the original report issued on April 21, 2000. The assessment was conducted on the same property located at 1201 West North Main Street. During the previous assessment, the subject property consisted of two, single-family residential structures. Environmental Associates, Inc. concluded “this assessment has not revealed obvious evidence of recognized environmental conditions in conjunction with the property, either currently or in the past.” They also concluded that asbestos and lead based paint was discovered on the subject site. The subject property has changed since the previous assessment and is now currently occupied by Woodlands Village Phase I Apartments.
- Based on GEC’s review of the readily available historical sources, such as Sanborn Maps, and aerial photographs, the subject property has been historically residential and undeveloped wooded/open land from, if not before, the 1958 aerial photograph. The 2005 to 2009 aerial photographs show the eastern portion of the subject site as it appears currently as Woodlands Village Phase I Apartments. The western portion of the subject site appears as undeveloped wooded land on all the reviewed aerial photographs. The subject site is bordered by undeveloped wooded/agricultural land in all directions on the 1958 to 1977 aerial photograph with rural residential properties scattered within the vicinity. Residential complexes first appear south and northeast of the subject site beginning on the 1977 aerial photograph. Even more residential development and possible commercial development occurs within the vicinity on the 1988 and 1993 aerial photographs. The site vicinity appears essentially as it does currently since the 2005 aerial photograph. The subject property’s chain of title information indicated that the subject property was part of a larger tract owned by the Burney/Smith family from 1935 until 2000 when the current owner, Progressive Lafayette, I, Inc., obtained the subject property. Research of readily available historic tax records and aerial photographs indicated the property has been in private individuals’ or non-industrial entities’ ownership and has been undeveloped wooded/open land since and likely before, 1935.
- The Environmental Data Resources, Inc. (EDR) Report did not identify the subject property on any Federal, State, or Local databases. The EDR report identified three LUST database sites, three UST database sites, and one AST database site within the ASTM E 1527 prescribed search radii of the subject property. However, the listed databases sites are 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 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.
- Additional testing for the presence of asbestos containing materials (ACM), lead-based paint (LBP), lead in soil sampling, water sampling for lead, and radon testing was conducted during GEC’s 2012 assessment of the subject property. ACM and LBP were

detected. A review of the data revealed that the eight water samples collected did not contain levels of lead that were higher than the currently accepted action level of 15 ppb for lead. Radon testing was performed on two occasions. Based on the results, GEC does not anticipate that radon will be a concern to the subject property (Refer to Section 5.4.21 for further details). The lead detected in the area surface soils (upper one-half inch) was below the Georgia Environmental Protection Division notification concentration for lead (400 mg/kg lead) in all samples. Results can be found in Appendix E.

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

The subject site, which is approximately 8.5 acres in size, is located at 1201 West North Main Street in Lafayette, Georgia. The subject property is situated north of Campbell Avenue, southwest of North Main Street, east of Probasco Street, and south of Hobart Lane. The subject property currently contains Woodlands Village I Apartments. A site location map is included in Appendix I as Figure 1.

The subject property is located in Land Lot 315 of the 4<sup>th</sup> Land District of the City of Lafayette, Walker County, Georgia in Tax Parcel Number 1005 015. The subject property is legally described in the most current available deed (Deed Book 1000, Page 783), 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 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 obvious environmental concerns or risks associated with the subject property other than the noted asbestos and LBP.

#### **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 other than the asbestos and LBP abatement necessary for the community/office building; 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 8.5-acre Woodlands Village Phase I & II apartment complex situated north of Campbell Avenue, southwest of North Main Street, east of Probasco Street, and south of Hobart Lane in the City of Lafayette, Georgia. The subject property, which is included in Land Lot 315 of the 4<sup>th</sup> Land District of Walker County, Georgia, currently contains residential (apartments) property occupying the eastern portion of the subject site and undeveloped wooded land in the western portion of the subject site. 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.

**Robert T. Hadden** serves as the **Environmental Department Manager** for the Macon office. Bob graduated from the University of South Alabama with a bachelor's degree in English in 1981 and has over 30 years of experience in both the geotechnical engineering and environmental fields, providing project management, construction quality control, and geotechnical and environmental consulting services. Construction phase services include materials testing, Geotechnical subsurface investigation, construction quality control, and project management. During the last 20 years, Bob's environmental field experience has included Phase I and Phase II environmental site assessments, regulatory assessment and compliance auditing, field sampling and analysis by immuno-assay, subsurface investigations to assess soil and groundwater contamination, construction monitoring for remediation projects, asbestos surveys,

and lead based paint sampling. Bob also has experience in underground storage tank removal, site assessment and remediation. Bob is a member of the Macon Chamber of Commerce, the Environmental Information Association, the American Society for Testing & Materials, and the Georgia Water & Pollution Control Association.

**Tameka Gordon** is an **Environmental Specialist** with the Macon office. Tameka has 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 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; Woodlands Village II, 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, Woodlands Village II, 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 Woodlands Village Apartments Phase I & II apartment site, approximately 8.5 acres in size, is located at 1201 West North Main Street. The subject property is situated north of Campbell Avenue, southwest of North Main Street, east of Probasco Street, and south of Hobart Lane in the City of Lafayette, Georgia. GEC observed that the subject site is a developed apartment complex in the eastern portion of the subject site (Woodlands Village Phase I) and undeveloped wooded land in the western portion of the subject site (proposed Woodlands Village Phase II). The site vicinity currently consists of residential, commercial, and undeveloped wooded properties. GEC observed residential properties bordering the subject site to the north. Undeveloped wooded land borders the subject site to the northwest and west. Railroad tracks were observed west of the subject site beyond the woods. Residential and commercial properties are located south the subject site across Campbell Avenue. Residential and commercial/business properties border the subject site to the east. A site map and a site plan are included in Appendix A as Figures 5 and 6, and U.S.G.S. topographic map is presented in Appendix A as Figure 1.

#### **3.1.1 Current Site Use & Description**

The subject property is currently occupied by Woodlands Village Phase I. Woodlands Village currently contains four buildings housing 52 (40 one-bedrooms and 12 two-bedrooms) rental units, asphalt-paved parking lot with curb and gutter, dumpster locations around the complex, grassed/landscaped areas, and a sidewalk around the building.

#### **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 7, 2012, GEC observed residential properties bordering the subject site to the north. Undeveloped wooded land borders the subject site to the northwest and west. Railroad tracks were observed west of the subject site beyond the woods. Residential and commercial properties are located south the subject site across Campbell Avenue. Residential and commercial/business properties border the subject site to the east.

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

GEC conducted a site reconnaissance on May 7, 2012 at the subject property, and observed four buildings housing 52 (40 one-bedrooms and 12 two-bedrooms) rental units. The exteriors of the buildings are brick and wood siding with asphalt roofing shingles. Individual electric heating/cooling systems serve each unit of the complex and asphalt paved parking. The building interiors are finished with of sheetrock walls and floor tiles. There is one asphalt paved entrance to the site from North West Main Street. A man-made constructed stormwater, control rock-lined swale was observed on the subject property. According to various sources, municipal water and

sewer are available to the subject site and will continue to be available upon completion of the proposed development and rehabilitation (see documentation of verification of public water/sewer service to the subject property in Appendix H).

### **3.2 Hydrogeology**

#### **3.2.1 Geologic Setting**

The subject site is located in the Ridge and Valley Physiographic Province of Georgia. Generally, northeast-southwest trending ridges characterize the Ridge and Valley Physiographic Province and valleys formed by the differential weathering of folded and faulted sequences of Paleozoic rocks. The ridges are formed by sandstones and shales that are more resistant while the valleys are mostly underlain by carbonate rocks (limestones and dolostones). A thick clay residuum usually overlies the carbonate rocks. In some areas of carbonate rocks, a karst terrain with characteristic caves and springs has developed.

From a hydrogeologic perspective, these Ridge and Valley units in the subject site vicinity comprise a significant recharge zone for the regional Paleozoic age aquifers system. This system can be generally described as primary and secondary openings in the folded and faulted sedimentary and metasedimentary rocks. Consequently, this aquifer is an important resource for drinking and agricultural water supplies in the region.

#### **3.2.2 Surface Drainage**

Based on our review of the U.S.G.S. Topographic Map and observations made during the site reconnaissance, the surface drainage from the subject site is generally to the southwest toward an unnamed tributary located approximately 400 feet west-southwest 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 aquifer mimics surface water flow, the anticipated groundwater flow direction at this site appears to be generally southwest.

### **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. 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 Walker County, Georgia. The subject property is found on Community Panels 181 and 182 (13295C0181D and 13295C182D), dated September 5, 2007. According to the FIRM maps, the subject property is located in Zone X-white, which is defined as “area determined to be outside the 0.2% annual chance floodplain”. GEC, therefore, does not anticipate that a flooding hazard will deter the development of the subject property. A copy of the FIRM is presented as Figure 4, Appendix A.

### 3.5 State Waters

During GEC’s site reconnaissance on May 7, 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 Walker County include ([www.georgiawildlife.org/node/1370](http://www.georgiawildlife.org/node/1370)), 81 animal and 14 plant species. None of the habitats listed for these species was observed on the subject property; therefore, the USFWS was not contacted regarding the subject property. GEC does not anticipate that 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 EDR report identified three LUST database sites, three UST database sites, and one AST database site within the ASTM E 1527 prescribed search radii of the subject property. However, the listed databases sites are not considered to be a potential environmental and/or financial concern to the subject site.

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.

Pantry #3534 d/b/a Golden Gallon, EDR Sites #A2 and #A3, is located at 1151 North Main Street. GEC reviewed GA EPD's website and reviewed files at GA EPD's office in May of 2012 and found that Pantry #3534, Facility ID #01460033, was listed on the LUST, UST, and AST database. The listed facility has three tanks (two 8,000-gallon gasoline and two 8,000-gallon gasoline) currently in use and four tanks that were removed from the ground in 1995. A suspected release was received and a no further action (NFA) determination was issued by the regulatory agency. A confirmed release was also reported and a no further action (NFA) was issued on January 17, 1995 by the regulatory agency. Field observations during the site reconnaissance and the reviewed files revealed that this site is at a lower elevation than the subject property with groundwater flow moving away from the subject property to the south, based on site topography. Due to site topography and the cited hydrologic conditions, GEC is of the opinion that this site does not present a potential environmental and/or financial concern to the subject site.

Georgia State Patrol/Post #41, EDR Site #1, is mislocated in the EDR Report. During GEC's off site reconnaissance of the subject area, GEC observed that Georgia State Patrol/Post #41 at 1212 North Main Street is located actually just within a ¼-mile distance northeast of the subject site. GEC reviewed files at GA EPD's office in May of 2012 and found that a suspected release notification was received and a NFA determination was issued by the regulatory agency on December 12, 1997. A confirmed release notification was also received at the location and a NFA was issued March 29, 2007. Georgia State Patrol/Post #41 is a closed facility with one tank being removed from the ground on February 8, 2007. Due to the remediation of the site, the non-operational status of the facility, topography, and hydrologic conditions, Georgia State Patrol/Post #41 is not considered to present an environmental concern to the subject property.

Lafayette Middle School, EDR Site #4, 0.21 miles northeast of the subject site at #1 Road Runner Boulevard, was identified as a UST and Financial Assurance database site. No violations have been reported for Lafayette Middle School. Two tanks were removed from the ground on July 10, 1996. One tank is currently in use at the listed site. Financial responsibility at the listed facility is with the Georgia Underground Storage Tank (GUST) Program. Based on the distance between the subject property and the listed site, topographic features, and hydrologic conditions, GEC does not consider Lafayette Middle School to present an environmental concern to the subject property.

Based on the relative distance between the subject property and the remaining regulated site (Dan's Gem), topographic features, facility status, and/or hydrologic conditions, GEC is of the opinion that these facilities are not RECs to the subject property.

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 23 "orphan summary" sites, which were not mapped due to poor or inadequate address information, in the EDR Report. GEC found that these sites did not appear to be located within the ASTM search radii of the subject property. Since these sites are not within the noted ASTM radii, they are not in the vicinity of the subject site and at this distance from the subject site they are not judged to be RECs.

#### **4.1.2 Additional Environmental Record Sources**

##### **4.1.2.1 Local Brownfield Lists**

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

##### **4.1.2.2 Local Lists of Landfill/Solid Waste Disposal Sites**

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

##### **4.1.2.3 Local Lists of Hazardous Waste/Contaminated Sites**

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

##### **4.1.2.4 Local Lists of Registered Storage Tanks**

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

#### **4.1.2.5 Local Land Records (AULs)**

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

#### **4.1.2.6 Records of Emergency Release Reports**

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

#### **4.1.2.7 Records of Contaminated Public Wells**

GEC reviewed the local/regional water agency records information provided on Pages A-6 through A-26 of the EDR Environmental Database Report (see Appendix G). The EDR Local/Regional Water Agency Records provide water well information to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells. The EDR report identified one Federal Reporting Data System (FRDS) public water supply well located ½-mile to 1-mile west of the subject site. The one Federal Reporting Data System (FRDS) public water supply well found had violations for CCR Failure to Report. State compliance was achieved for each violation. Due to the relative distance the well is from the subject property and presumed groundwater flow direction at the well; GEC is of the opinion that this well would not be of environmental concern to the subject property. Furthermore, the most current version of the annual water quality report indicated that the City of Lafayette's water supply was in full compliance with all drinking water regulations set forth by EPA and EPD.

No other Federal F.R.D.S. wells or federal or state U.S.G.S. wells were found on or near the subject property. The EDR report did not indicate any wells on the subject site, and did not indicate records of any groundwater use permits for the subject site.

#### **4.1.2.8 Planning Department Records**

GEC's client provided zoning information to GEC that indicated that zoning for the subject property is B-2 (General Business). The information indicated that the City Ordinance density regulations allow for expansion of the complex and existing utilities are adequate to handle this additional growth. Copies of the zoning letters 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 2011 City of Lafayette Annual Water Quality Report (AWQR), their

most current version of the AWQR, which indicated that City of Lafayette '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)**

During the site reconnaissance on May 7, 2012, GEC observed pad-mounted transformers on the subject property. The transformers appeared to be in good condition with no visible signs of leakage (stained soils or dead vegetation) beneath. No other suspected PCB-containing equipment was observed on the subject property. The City of Lafayette provides electrical power to the subject property. A copy of the letter from the city is located in Appendix H.

GEC received a letter from Ms. Brenda Snyder with the City of Lafayette. She indicated that the City of Lafayette Electric Department provides electrical service to Woodlands Village, and can continue the service in the future. 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 emailed an information questionnaire to the City of Lafayette Fire Department on May 24, 2012. GEC received a response from Mr. Robert Busby, Jr. with the department on May 29, 2012. Mr. Busby 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. A copy of the fire department's response is presented in Appendix H.

#### **4.2.2 State, Local, or Regional Health or Environmental Agency**

GEC faxed an information questionnaire to Ms. Tracy Pevehouse of the Walker County Environmental Health Department on May 24, 2012. GEC received a response from Mr. Clay Tracy with the department on June 4, 2012. Mr. Tracy indicated that the department had no record of environmental/health responses or other known environmental concerns at the subject property. He noted that he did not know which utilities were available to serve the subject site. 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 not 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 Mr. Bruce Gunter, President and property owner, dated April 25, 2012. Mr. Gunter indicated that neither his property nor any adjoining properties are currently used for industrial and/or manufacturing purposes and noted that there is a single family home north of the subject site, Carriage Hills Apartments south of the subject site, Ledford's Pharmacy east of the subject site, and vacant land west of the subject site. He stated that no adjacent properties have been used in the past for commercial, industrial or manufacturing purposes.

Mr. Gunter noted that no plastic or metal drums, stained soil or stressed vegetation, fill dirt, storage tanks (above or underground), or vent pipes have ever been brought onto the site. He indicated that no tanks had been removed from the subject site. Mr. Gunter 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. Gunter indicated that there is a structure on the subject property more than fifty years old. He stated that the subject property is not 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 the subject property is not located within 1,000 feet of a major road/highway/freeway, 5 miles of a private/commercial airport, or 15 miles of a military airport. He did not know if the subject site was located within 3,000 feet of a railroad.

#### **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 (Woodlands Village II, L.P.) contracted with GEC to provide the information, except where specifically requiring a User response to information needs. The users were identified as Woodlands Village II, L.P.; Olympia Construction; 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 approximately 8.5 acres in size, is located at 1201 West North Main Street in the City of Lafayette, Walker County, Georgia. The subject property, which is situated within the Land Lot 315 of the 8<sup>th</sup> District, 4<sup>th</sup> Section of Walker County, Georgia, consists of and apartment complex and undeveloped wooded land. The subject property appears on the Walker County Tax Map as parcel 1005-015.

GEC contracted Mr. Frank May, a professional title researcher, for the purpose of researching and establishing a chain of ownership for environmental purposes for the subject property. Mr. May provided the chain of ownership information for GEC's review on June 9, 2012. Mr. May's

review of the subject property's chain of title information indicated that the subject property was part of a larger tract owned by the Burney/Smith family from 1935 until 2000 when it was sold to Progressive Lafayette I, Inc. (current owner).

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 commonly known or reasonably ascertainable 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 and rehabilitation 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 5, 2012.

#### **5.2 General Site Setting**

The subject site, which is approximately 8.5 acres in size, is currently developed with Woodlands Village Phase I Apartments and is located at 1201 West North Main Street, in the City of Lafayette, Walker County, Georgia. GEC's review of all of the readily available historical aerial photographs indicates that the subject property appears to have been residential and undeveloped wooded/open land from, if not before, 1958. The reviewed aerial photographs strongly suggest the subject property was residential and undeveloped wooded/open land prior to the oldest available photograph taken in 1958.

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 Woodlands Village Apartments Phase I & II property indicates there are no recognized environmental conditions associated with the subject site.

#### **5.4 Current Site Use**

The subject property is currently a developed apartment complex.

##### **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.

##### **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**

Individual electric central heating and cooling systems serve each building of the complex.

### **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**

City sewer currently serves Woodlands Village Phase I Apartments. No septic tank systems, to the best of our knowledge, were located on the subject property during our site visit on May 7, 2012. Appendix H contains documentation of verification of public sewerage service to the subject property.

### **5.4.6 Hydraulic Equipment**

No hydraulic equipment or potential hydraulic equipment was observed during GEC's site reconnaissance on May 7, 2012.

### **5.4.7 Contracted Maintenance Services**

Subcontracted services at the apartment complex include pest control and garbage disposal services.

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

During the site reconnaissance on May 7, 2012, GEC observed pad-mounted transformers on the subject property. The transformers appeared to be in good condition with no visible signs of leakage (stained soils or dead vegetation) beneath. No other suspected PCB-containing equipment was observed on the subject property. The City of Lafayette provides electrical power to the subject property. A copy of the letter from the city is located in Appendix H.

GEC received a letter from Ms. Brenda Snyder with the City of Lafayette. She indicated that the City of Lafayette Electric Department provides electrical service to Woodlands Village, and can continue the service in the future. 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**

Other than normal interior sewer drains and the observed exterior stormwater runoff drains; no drains or sumps were observed on the property during GEC's site reconnaissance on May 7, 2012.

A man-made constructed stormwater, control rock-lined swale was also observed on the subject property leading to drainage culverts.

#### **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**

Chemical use is limited to periodic scheduled pest control and minor maintenance-applied paints, cleaners, Freon for the air conditioner units, gasoline and oil for the lawn mower, and seasonal application of lawn maintenance products, i.e. fertilizers and/or herbicides.

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

During the site reconnaissance on May 7, 2012, the GEC staff professionals did not observe any significant mold growth in the units accessed. The site manager indicated that any issues with water leaks and/or mold in occupied units and all reported mold and/or water intrusion complaints, are addressed promptly by the maintenance staff.

#### **5.4.18 Asbestos**

On May 8, 2012, GEC performed an asbestos survey at the Woodlands Village Phase I Apartment complex, and collected a total of 76 samples during this survey.

The asbestos survey was performed in accordance with currently accepted methods and practices of the environmental consulting profession. The survey was conducted on observed suspect materials located within representative apartments and areas of the facility grounds. The Woodlands Village Apartments' maintenance staff assisted GEC personnel with a list of representative subject apartments and access. Bulk samples of identified suspect asbestos-

containing materials (ACM) were collected and submitted for laboratory analysis in order to identify the presence/absence and percent content in these suspect materials. GEC used U.S. Environmental Protection Agency guidelines for identification of ACM and an Asbestos Hazard Emergency Response Act (AHERA) accredited asbestos inspector for conducting the survey.

Suspect asbestos materials observed and sampled included, 6''x 6'' beige linoleum; 4''x 4'' beige linoleum; 9''x 9'' floor tile; window caulk; mastic/glue; joint compound; sheetrock/drywall; sink undercoating; exterior caulks; interior caulks; vinyl flooring; popcorn ceiling; HVAC coating; and roofing materials. This resulted in 24 homogeneous materials being identified at the subject property with a total of 76 samples being collected during this survey. No asbestos containing building materials were noted during the survey.

While conducting a walk-through of the premises, which included building exteriors, the inspector visually checked for the presence of suspect ACM. Both friable and non-friable suspect materials were considered and sampled. A review of the asbestos bulk sample results, obtained from the selected laboratory, Analytical Environmental Services, Inc., and using the polarized light microscopy (PLM) method, show the following materials were ACM:

- Samples #WV-18A and #WV-18B – 9'' x 9'' floor tile with black mastic was reported to contain 10% chrysotile asbestos.
- Samples #WV-19A and #WV-19B – Basement white tape was reported to contain 65% chrysotile asbestos.
- Sample #WV-21A – Light tan pliable caulk was reported to contain 2% chrysotile asbestos.
- Sample #WV-23A – Exterior window caulk was reported to contain 5% chrysotile asbestos.

GEC identified homogeneous suspect materials throughout various areas of the subject property and took representative samples from each observed material during this asbestos survey. Due to the possibility of the presence of ACM in areas inaccessible to GEC during this survey, care should be taken prior to any planned renovation or demolition activities to identify all suspect ACM and remove or protect from damage in accordance with State and Federal regulations. Any suspect ACM building materials discovered that maybe different from those described in this survey should be presumed to be ACM until assessed by an accredited inspector.

Suspect materials may be located in the buildings beyond the accessible areas surveyed. Suspect materials may also be present that were not visible or not accessible to the inspectors. It is possible that during renovation or demolition, other suspect ACM could be encountered, such as pipe insulation within wall chases. If any untested suspect materials are encountered, then these materials should be assumed to be ACM and treated as such until and unless proven otherwise by future testing. The National Emission Standards for Hazardous Air Pollutants (NESHAPS) regulations require that demolition contractors have an accredited "knowledgeable person" on site during demolition who is capable of identifying any untested suspect materials. The Georgia EPD, noted below, can assist in any questions on demolition or renovation requirements.

Ten days prior to any demolition activities, the EPD Lead-Based Paint and Asbestos program should be notified under the Georgia Rule 391-3-14 and the Federal NESHAP Rule. The project notification form should be completed by a Georgia licensed abatement contractor or agent. The

abatement project requires a fee paid to the Division at the time notification is made. Notification is required even if no asbestos is present.

Appendix E contains copies of the asbestos sample chain of custody, analytical report, with a summary of the sample results, and the GEC inspector's latest accreditation.

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

Since the subject community/office building was constructed prior to 1978, a general lead-based paint survey was performed. GEC used a NITON™ XLP-303A x-ray fluorescence gauge to conduct non-destructive sampling of the building's coated surfaces. The inspector tested all painted components according to the specifications described in the protocols for lead-based paint testing in the *Housing and Urban Development (HUD) Guidelines (Revised 1997) for the inspection of lead based paint – Chapter 7*. Additionally, all Federal, State and City Regulations governing the inspection of lead based paint for Georgia were followed. The predominant exterior paints were also tested as follows. The survey of the painted components was performed using a Niton XLP-303A X-ray Fluorescence (XRF) meter. The data collected is in the section titled "XRF Results." Wall "A" in each room is the wall where the front exterior door opening is located. Going clockwise and facing Wall "A", Wall "B" is always to the right, Wall "C" directly to the rear and Wall "D" to the left.

In addition, a surface-by-surface visual inspection of all painted surfaces throughout the entire property was performed in conjunction with the XRF testing to determine which lead-based painted surfaces/components are deteriorated (above the de minimis level). The testing was accomplished using the calibrated NITON™ XRF instrument in accordance with the manufacturer's guidance for testing and calibration.

LBP was detected on the interior kitchen windows and exterior door trim, windows, soffit, and ceiling. After all interior building components planned for removal are removed to prepare for the new renovation operations, and any necessary lead hazard control methods are accomplished; a lead clearance inspection will be required before any potential LBP coated surfaces remaining are "covered" and/or before re-occupancy. In accordance with DCA requirements, if any of the identified LBP is to remain in place, an Operations & Maintenance Plan needs to be developed for the subject site. This plan must be submitted to DCA upon the completion of any remedial actions required.

Since the community/office building was constructed before 1978, GEC conducted soil sampling around the structure on May 16, 2012.

GEC sampled soil at the perimeter of the existing community/office building located on the subject site. The directional protocol used in the survey established North as the respective 'A' side of each building, and facing the building, the respective sides of any of the subject buildings proceeding clockwise are 'B' adjacent, then 'C' back, and 'D' to the right of 'A'. GEC collected two composite soil samples from alongside the residence and presumed location of the former structures, compositing sides A-B for one sample and sides C-D for the second sample, at the drip line from the surface to approximately ½ inch below ground surface (bgs). Soil samples collected from these locations were submitted for laboratory analysis for total lead.

The following soil sampling procedures were used during the soil sampling performed for this assessment:

- Wearing clean disposable nitrile gloves, GEC staff sampled the area of soil within one foot of the edge of the exterior, or the drip line, of the structure;
- Soil samples were collected using a 5 cc disposable syringe with a clean syringe used for discrete samples;
- Composite samples of 3 to 10 aliquots were collected from within the noted area along the front and one end of the structure, and rear and other end of the structure;
- The sampler proceeded from the north (designated side A) clockwise to the end (side B), and then for the second sample collected aliquots along side C and end D;
- Each composite sample was mixed together to achieve a representative sample of the total area;
- The top ½ inch of bare soil was sampled;
- Samples were given identification numbers coinciding with a unit/building number for the respective location;

Samples were collected and submitted to an accredited analytical laboratory, Analytical Environmental Services, Inc. in Atlanta, Georgia under chain of custody protocol.

The lead detected in the area surface soils (upper one-half inch) was below the Georgia Environmental Protection Division notification concentration for lead (400 mg/kg lead) in all samples. Lead in soil is not considered to be a concern for the subject property.

Appendix E contains a copy of the analytical report.

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

GEC performed water sampling for lead in eight locations of the Woodlands Village Phase I complex on May 8, 2012. A review of the data revealed none of the samples collected were above the reportable limit of 15 ppb for lead. GEC has been informed by the applicant/client that the affected plumbing will be replaced to remove the potential for lead in the water.

GEC obtained a copy of the 2011 City of Lafayette Annual Water Quality Report (AWQR), their most current version of the AWQR, which indicated that that the City of Lafayette '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, Walker County, Georgia, is listed in Zone 2, which means “moderate potential (2 to 4 pCi/L (picocuries per liter of air).”

According to the radon information provided on page A-27 of the EDR Report presented in Appendix G, the four sites tested in Walker County were less than 4 pCi/L. 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.

GEC performed 48-hour (short-term) radon testing in 27 apartments within Woodlands Village Phase I Apartments on May 7, 2012. The radon test canisters were exposed for a test period of approximately 48 hours over a two-day period from May 7 - 9, 2012. All locations were ground floor tests. One duplicate and one blank test canister were used. GEC used Alpha Energy Laboratories Radon Detection Kits, which contain activated charcoal to absorb and trap radon. These kits provide a short-term analysis to monitor radon levels over a 48-hour period. After approximately 48 hours, the test kits were sealed in the return mailer envelope included with the kits, and sent by UPS “Next Day Air” to Alpha Energy Labs in Carrollton, Texas.

Results of the initial test showed high radon levels in one of the 27 apartments, unit 308. GEC returned to the site to deploy three short-term radon test kits in unit 308 on May 18, 2012. Before returning to the site to deploy these devices, Ms. Tameka Gordon with GEC conducted a short interview with the complex manager and learned that an oscillating or rotary type fan was in operation and allowed to blow across the test kit during the initial round of testing. The tenant of this unit was strongly encouraged to keep this fan in the off position for the duration of the second test. Mr. Anthony Whipple collected the second round of test kits on May 21, 2012.

The average from the second round of testing was below the EPA threshold of 4 pCi/L. Based upon the results from the two rounds of testing, GEC feels that the high level found in the apartment is directly associated with the use of oscillating/rotary type fans. Charcoal canister measuring devices like the ones used to measure radon concentrations at the project site are sensitive to air flow extremes. GEC feels that the initial high level observed was caused by the use of a fan blowing directly across the measurement device in the occupied unit. We do not feel that radon should be considered as a recognized environmental concern for the project site. Individual test results from both the original and second round of testing can be found in Appendix E.

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 7, 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 roadway, one railway, and one civil airport to be potential contributors to noise at the subject site. No other 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.

The Barwick Lafayette Airport is located approximately 2.9 miles south of the subject site. This airport does not have jet operations, and therefore does not need to be assessed as a contributing source of noise at the subject site. North Main Street is location east of the subject site. The Georgia Central Railway is located approximately 1,270 feet south of the subject site. Completion of the Noise Assessment Guidelines (NAG) worksheets, using the Site DNL Calculator for roadway and railway calculations available on the HUD website, indicates an Acceptable (per the NAG) exterior day night level (DNL) of < 65 DNL as a result of this potential noise source.

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

#### 5.4.23 Vapor Encroachment Screening

GEC also contracted with Environmental Data Resources, Inc. (EDR) to conduct a site specific radius search and examination of reasonably ascertainable Federal, State, and Local regulatory files concerning the site and nearby sites regarding vapor encroachment. The following lists were included, in the records review: **(FEDERAL) NPL, CERCLIS, RCRA-CORRACTS, RCRA-TSD, RCRA generators, and INSTITUTION CONTROLS / ENGINEERING CONTROLS, (STATE and TRIBAL) CERCLIS, LANDFILL / SOLID WASTE DISPOSAL, LUST, UST, INSTITUTION CONTROLS / ENGINEERING CONTROLS, VOLUNTARY CLEANUP, BROWNFIELDS, and OTHER STANDARD ENVIRONMENTAL RECORDS.** The report includes **HISTORICAL USE RECORDS: FORMER MANUFACTURED GAS PLANTS** (see attached EDR report in Appendix E for the list of databases, their currency, their definitions, and sources for these records). The radii used in the search for each of the above records are indicated on Page 3 in the EDR Environmental Database Report, and they were specifically designed by EDR to meet the search requirements of the ASTM Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions (E 2600). Neither a State Engineering Controls database, nor state or tribal voluntary cleanups database is available in Georgia.

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

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

The Vapor Encroachment (VE) Screening Report identified two sites on the State and Tribal leaking storage tank and Other Standard and Environmental Records list within the ASTM E 2600 prescribed search radii of the subject property.

The reviewed listed sites (GA State Patrol and Pantry #3534) do not appear to present a potential concern for vapor encroachment to the subject property.

Pantry #3534 d/b/a Golden Gallon, EDR Sites #A2 and #A3, is located at 1151 North Main Street. GEC reviewed GA EPD's website and reviewed files at GA EPD's office in May of 2012 and found that Pantry #3534, Facility ID #01460033, was listed on the LUST, UST, and AST database. The listed facility has three tanks (two 8,000-gallon gasoline and two 8,000-gallon gasoline) currently in use and four tanks removed from the ground in 1995. A suspected release was received and a no further action (NFA) was issued. A confirmed release was also reported and a no further action (NFA) was issued on January 17, 1995. Field observations during the site reconnaissance and the reviewed files revealed that this site is at a lower elevation than the subject property with groundwater flow moving away from the subject property to the south, based on site topography. Due to site topography and the cited hydrologic conditions, GEC is of the opinion that this site does not present a potential environmental and/or financial concern to the subject site.

Georgia State Patrol/Post #41, EDR Site #1, is mislocated in the EDR Report. During GEC's off site reconnaissance of the subject area, GEC observed that Georgia State Patrol/Post #41 at 1212 North Main Street is located actually just within ¼-mile northeast of the subject site. GEC reviewed files at GA EPD's office in May of 2012 and found that a suspected release was received and a NFA was issued on December 12, 1997. A confirmed release was also received at the location and a NFA was issued March 29, 2007. Georgia State Patrol/Post #41 is a closed facility with one tank removed from the ground between on February 8, 2007. Due to the remediation of the site, the non-operational status of the facility, topography, hydrologic conditions, and mislocation of the listed site, Georgia State Patrol/Post #41 is not considered to present an environmental concern to the subject property.

Due to the remediation of the sites, distance, status of the facilities, topographic features, and hydrologic conditions, 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 sources 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 Section 4.1.1.1 and 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 approximately 8.5 acres in size, is located at 1201 West North Main Street in the City of Lafayette, Walker County, Georgia. The subject property, which is situated within the Land Lot 315 of the 8<sup>th</sup> District, 4<sup>th</sup> Section of Walker County, Georgia, consists of an apartment complex and undeveloped wooded land. The subject property appears on the Walker County Tax Map as parcel 1005-015.

GEC contracted Mr. Frank May, a professional title researcher, for the purpose of researching and establishing a chain of ownership for environmental purposes for the subject property. Mr. May provided the chain of ownership information for GEC's review on June 9, 2012. Mr. May's review of the subject property's chain of title information indicated that the subject property was part of a larger tract owned by the Burney/Smith family from 1935 until 2000 when it was sold to Progressive Lafayette I, Inc. (current owner).

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, 1977, and 1958) were obtained through a commercial database search firm, Environmental Data Resources, Inc. The 2009 aerial photograph was obtained off the Internet at the Google Earth™ web page. A copy of the 2009 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. At the time of GEC's site visit on May 8, 2012, the approximately 8.5-acre tract of land consisted of a developed apartment complex (Woodlands Village Phase I) in the eastern portion of the subject site and undeveloped wooded land (proposed Woodlands Village Phase II) in the western portion of the subject site. GEC's review of all of the readily available historical aerial photographs indicates that the subject property appears to have been residential and undeveloped wooded/open land since, if not before, 1958 to the 2009 aerial photograph.

The site vicinity currently consists of residential, commercial and undeveloped wooded properties. The subject site is bordered by undeveloped wooded/agricultural land in all directions on the 1958 to 1977 aerial photograph with rural residential properties scattered within the vicinity. Residential complexes first appear south and northeast of the subject site beginning on the 1977 aerial photograph. Even more residential development and possible commercial development occurs within the vicinity on the 1988 and 1993 aerial photographs. The site vicinity appears essentially as it does currently since the 2005 aerial photograph.

The subject property can be found on the Lafayette, Georgia Quadrangle of the U.S.G.S. 7.5-minute series Topographic Map with contour intervals of 10 meters, printed in 1987. A copy of the pertinent portions of this topographic map, showing the subject property and the surrounding area, is presented as Figure 5 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. One structure is shown on the site.

The site elevation, as shown on the topographic map ranges between approximately 850 to 880 feet above mean sea level, and the down slope of on-site surface drainage features currently appears to be to the southwest. Based on review of the topographic map and observations made during the site reconnaissance, the approximate direction of surface drainage flow at the subject property (assuming the flow mimics topography) should generally be to the southwest toward an unnamed tributary located approximately 400 feet west-southwest of the subject site.

### **5.5.5 Sanborn Fire Insurance Maps**

GEC contacted Environmental Data Resources, Inc. (EDR) to search for Sanborn Fire Insurance Maps, which were devised by insurance adjusters as early as the 1800s to show the use of properties at specified dates for the purpose of determining the risk of fire. The maps also identify businesses and activities, as well as some construction details, for those properties they cover. The Sanborn Maps are helpful in identifying historical environmental concerns that may have otherwise been unrecorded or left no evidence of their existence.

Sanborn Map coverage does not exist for the target property. 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 exists for the target property. EDR reviewed city directories, for the most part, at five-year intervals spanning the 1969 through the 2011 volumes, but these years are not necessarily inclusive. A copy of the EDR – City Directory Abstract is presented in Appendix C.

The subject property address 1201 West North Main Street appears in the 1990 to 2011 directories as Donald L. Harding, vacant four houses, and Woodlands Village Apartments. Individuals; commercial properties (Dendy Hill Graphics, Bob’s Piano Servie, etc.); vacant properties; other residential properties, and religious properties were noted on adjoining addresses at West North Main Street and Campbell Avenue in the 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**

A previous Phase I ESA was performed on the subject property by Environmental Associates, Inc. on June 29, 2001, an update of the original report issued on April 21, 2000. The assessment was conducted on the same property located at 1201 West North Main Street. During the previous assessment, the subject property consisted of two, single-family residential structures. Environmental Associates, Inc. concluded “this assessment has not revealed obvious evidence of recognized environmental conditions in conjunction with the property, either currently or in the past.” They also concluded that asbestos and lead based paint was discovered on the subject site. The subject property has changed since the previous assessment and is now currently occupied by Woodlands Village Phase I Apartments.

### **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 aeriels, the subject site was residential and undeveloped wooded/open land from, if not before, the 1958 aerial photograph. The oldest available topographic map, taken in 1918 shows the subject site as undeveloped open land, 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 residential and undeveloped wooded/open land.

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

## **5.6 Current Surrounding Land Use**

### **5.6.1 North**

Residential properties were observed bordering the subject site to the north.

### **5.6.2 East**

Residential and commercial/business properties border the subject site to the east.

### **5.6.3 South**

Residential and commercial properties are located south the subject site across Campbell Avenue.

### **5.6.4 West**

Undeveloped wooded land borders the subject site to the northwest and west. Railroad tracks were observed west of the subject site beyond the woods.

## **5.7 Past Surrounding Land Use**

### **5.7.1 North**

The subject site is bordered to the north by undeveloped wooded/agricultural land on the 1958 to 1977 aerial photograph with rural residential properties scattered within the vicinity. Residential complexes first appear northeast of the subject site beginning on the 1977 aerial photograph. Even more residential development and possible commercial development occurs north of the subject site on the 1988 and 1993 aerial photographs. The site vicinity north of the subject site appears essentially as it does currently since the 2005 aerial photograph.

### **5.7.2 East**

The subject site is bordered to the east by undeveloped wooded/agricultural land on the 1958 to 1977 aerial photograph with rural residential properties scattered within the vicinity. Residential development and possible commercial development occurs east of the subject site on the 1988 and 1993 aerial photographs. The site vicinity east of the subject site appears essentially as it does currently since the 2005 aerial photograph.

### **5.7.3 South**

The subject site is bordered to the south by undeveloped wooded/agricultural land on the 1958 to 1977 aerial photograph with rural residential properties scattered within the vicinity. Residential complexes first appear south of the subject site beginning on the 1977 aerial photograph. Even more residential development and possible commercial development occurs south of the subject site on the 1988 and 1993 aerial photographs. The site vicinity south of the subject site appears essentially as it does currently since the 2005 aerial photograph.

### **5.7.4 West**

The subject site is bordered to the west by undeveloped wooded/agricultural land on the 1958 to 1977 aerial photograph with rural residential properties scattered within the vicinity. Residential development and possible commercial development occurs west of the subject site on the 1988 and 1993 aerial photographs. The site vicinity west of the subject site appears essentially as it does currently since the 2005 aerial photograph.

## **5.8 Historic Preservation**

GEC reviewed information provided on the National Register of Historic Places website in May 2012. According to the reviewed information, there are two historic sites (Marsh-Warthen House and Chattooga Academy) approximately 1.2 miles south of the subject property. GEC is of the opinion that the rehabilitation and 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. 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 residential and undeveloped wooded/open land from, if not before, the 1958 aerial photograph. The oldest available topographic map, taken in 1918 shows the subject site as undeveloped open land, 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 residential and undeveloped wooded/open land.

### **6.2 Sources of Information Consulted to Address Data Gaps**

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

### **6.3 Significance of Data Gaps**

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

## **7.0 ENVIRONMENTAL CONCERNS**

### **7.1 On-Site**

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

### **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 8.5-acre Woodlands Village Apartments Phase I & II site at 1201 West North Main Street in the City of Lafayette, Walker 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 Woodlands Village Apartments Phase I & II site at 1201 West North Main Street, Lafayette, Georgia, and legally described as contained in Land Lot 315 of the 4<sup>th</sup> Land District of Walker 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 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.

- A previous Phase I ESA was performed on the subject property by Environmental Associates, Inc. on June 29, 2001, an update of the original report issued on April 21, 2000. The assessment was conducted on the same property located at 1201 West North Main Street. During the previous assessment, the subject property consisted of two, single-family residential structures. Environmental Associates, Inc. concluded “this assessment has not revealed obvious evidence of recognized environmental conditions in conjunction with the property, either currently or in the past.” They also concluded that asbestos and lead based paint was discovered on the subject site. The subject property has changed since the previous assessment and is now currently occupied by Woodlands Village Phase I Apartments.
- Based on GEC’s review of the readily available historical sources, such as Sanborn Maps, and aerial photographs, the subject property has been historically residential and undeveloped wooded/open land from, if not before, the 1958 aerial photograph. The 2005 to 2009 aerial photographs show the eastern portion of the subject site as it appears currently as Woodlands Village Phase I Apartments. The western portion of the subject site appears as undeveloped wooded land on all the reviewed aerial photographs. The subject site is bordered by undeveloped wooded/agricultural land in all directions on the 1958 to 1977 aerial photograph with rural residential properties scattered within the vicinity. Residential complexes first appear south and northeast of the subject site beginning on the 1977 aerial photograph. Even more residential development and possible commercial development occurs within the vicinity on the 1988 and 1993 aerial photographs. The site vicinity appears essentially as it does currently since the 2005 aerial photograph. The subject property’s chain of title information indicated that the subject property was part of a larger tract owned by the Burney/Smith family from 1935 until 2000 when the current owner, Progressive Lafayette, I, Inc., obtained the subject property. Research of readily available historic tax records and aerial photographs indicated the property has been in private individuals’ or non-industrial entities’ ownership and has been undeveloped wooded/open land since and likely before, 1935.
- The Environmental Data Resources, Inc. (EDR) Report did not identify the subject property on any Federal, State, or Local databases. The EDR report identified three LUST database sites, three UST database sites, and one AST database site within the ASTM E 1527 prescribed search radii of the subject property. However, the listed databases sites are 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 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.
- Additional testing for the presence of asbestos containing materials (ACM), lead-based paint (LBP), lead in soil sampling, water sampling for lead, and radon testing was

conducted during GEC's 2012 assessment of the subject property. ACM and LBP were detected. A review of the data revealed that the eight water samples collected did not contain levels of lead that were higher than the currently accepted action level of 15 ppb for lead. Radon testing was performed on two occasions. Based on the results, GEC does not anticipate that radon will be a concern to the subject property (Refer to Section 5.4.21 for further details). The lead detected in the area surface soils (upper one-half inch) was below the Georgia Environmental Protection Division notification concentration for lead (400 mg/kg lead) in all samples. Results can be found in Appendix E.

### **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 other than the asbestos and LBP abatement necessary for the community/office building; 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 Olympia Construction (Woodlands Village II, L.P.) – client  
Mr. Bruce Gunter, Progressive Lafayette I, Inc. – owner environmental questionnaire  
City of Lafayette and Walker County, Georgia  
City of Lafayette Water and Sewer Department  
Walker County Health Department, Environmental Services  
City of Lafayette Fire Department  
City of Lafayette Planning & Zoning  
City of Lafayette Power  
Walker County Tax Assessor's website  
Walker 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 (2009 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™  
Previous Environmental Report Text

## 10.0 VALUATION REDUCTION

### 10.1 Purchase Price

According to the User, Woodlands Village II, 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.

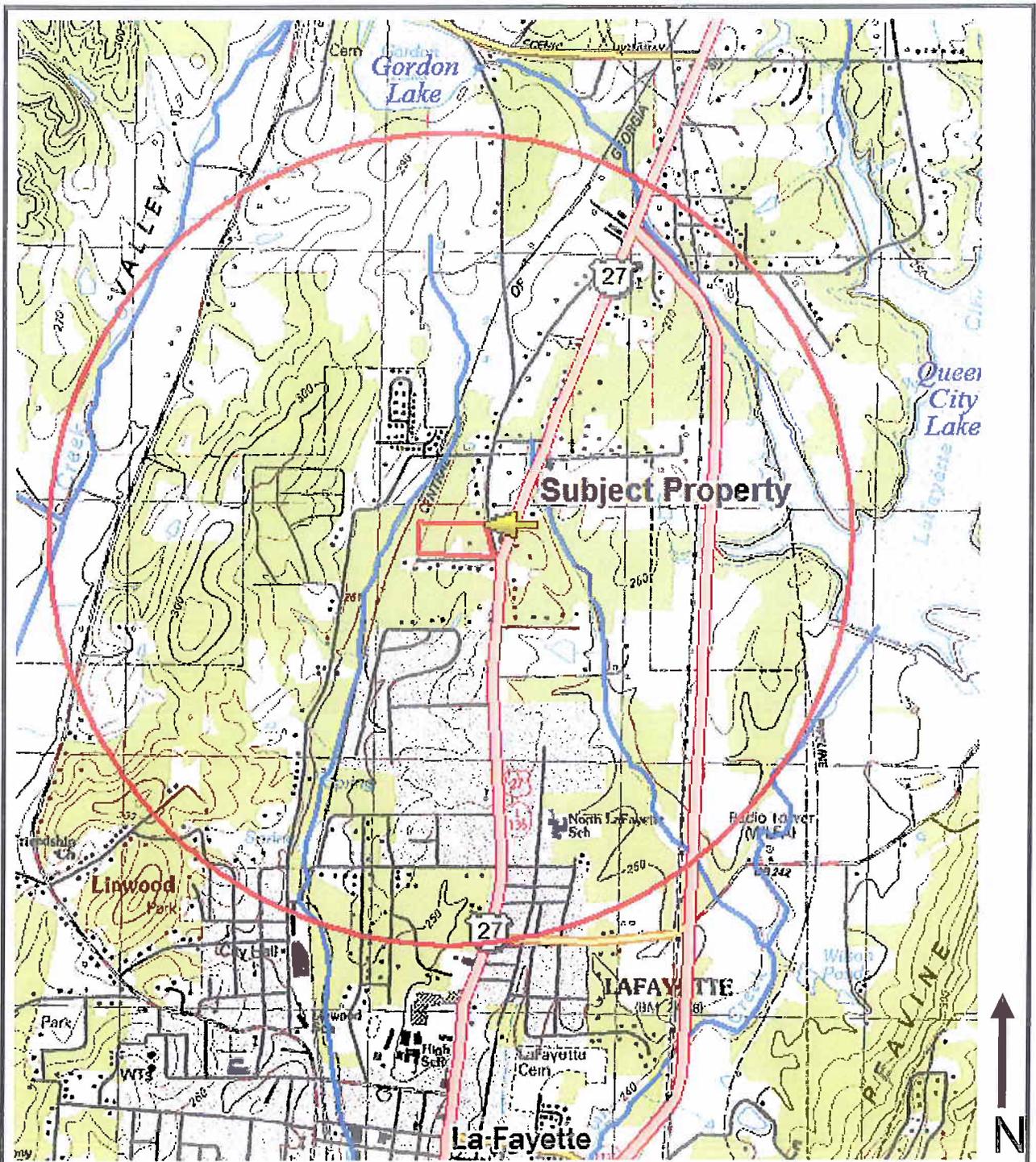
### 10.4 Environmental Reasons for any Differential

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**



**Figure 1**  
**U.S.G.S. Topographic Map**  
**Woodlands Village I & II**  
**West North Main Street**  
**Lafayette, Walker County, Georgia**  
**GEC Project #120313.240**  
**Approximate Scale: 1" = 2,000'**  
**Source: Lafayette (1987)**

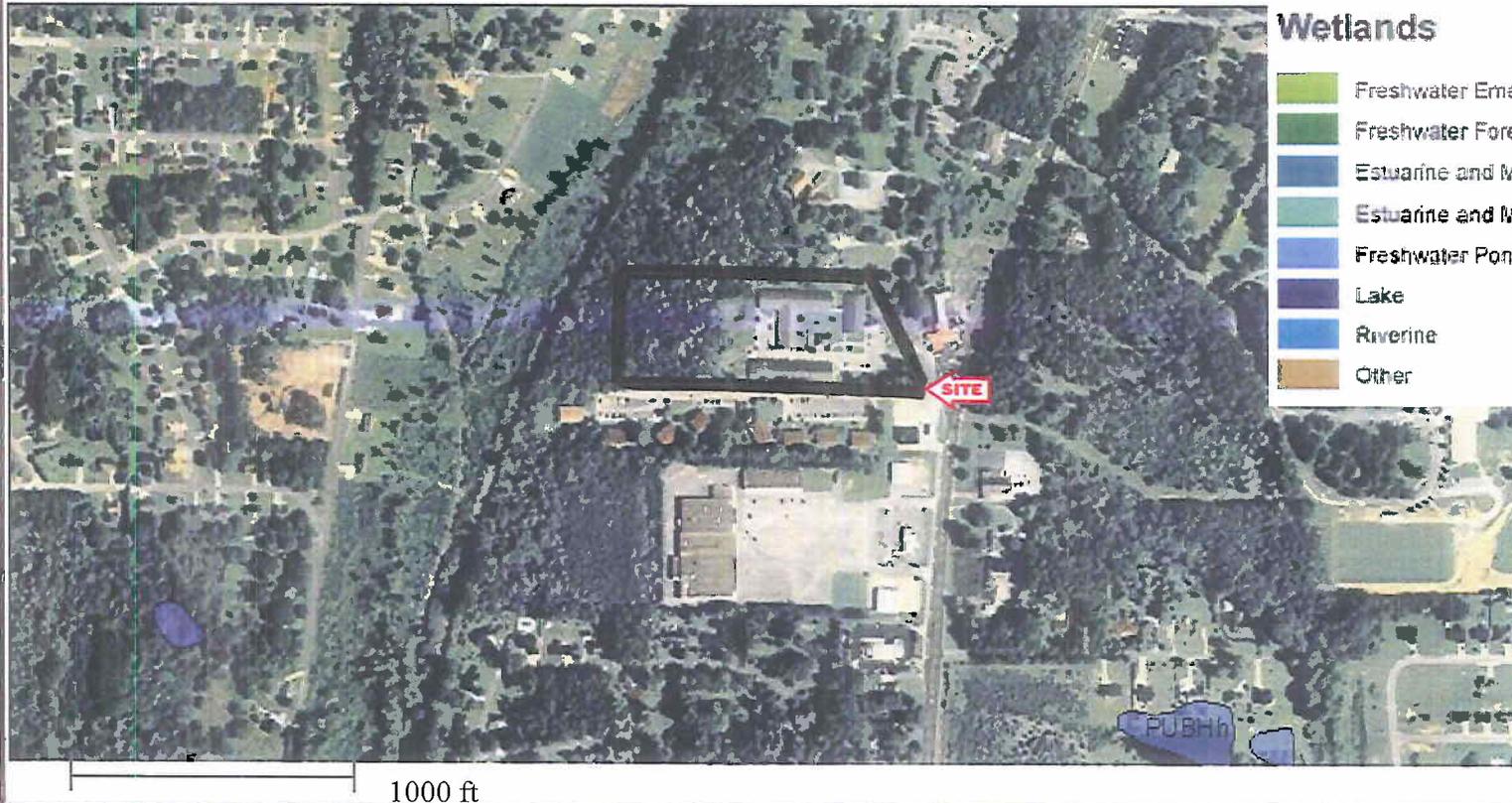
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U.S. Fish and Wildlife Service

# National Wetlands Inventory



**Figure 2**  
**National Wetlands Inventory (NWI) Map**  
**Woodlands Village I & II**  
**West North Main Street**  
**Lafayette, Walker County, Georgia**  
**GEC Project #120313.240**  
**Approximate Scale: 1"=667'**  
**Source: U.S. Fish & Wildlife Service**

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**Figure 3**  
**Soil Survey Map**  
**Woodlands Village I & II**  
**West North Main Street**  
**Lafayette, Walker County, Georgia**  
**GEC Project #120313.240**  
**Approximate Scale: 1"=400'**  
**Source: USDA NRCS**

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## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Units

### Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot
-  Spoil Area
-  Stony Spot

 Very Stony Spot

 Wet Spot

 Other

### Special Line Features

-  Gully
-  Short Steep Slope
-  Other

### Political Features

 Cities

### Water Features

 Streams and Canals

### Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

## MAP INFORMATION

Map Scale: 1:5,990 if printed on A size (8.5" × 11") sheet.

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: Dade and Walker Counties, Georgia  
 Survey Area Data: Version 5, Dec 27, 2006

Date(s) aerial images were photographed: 8/4/2007

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.

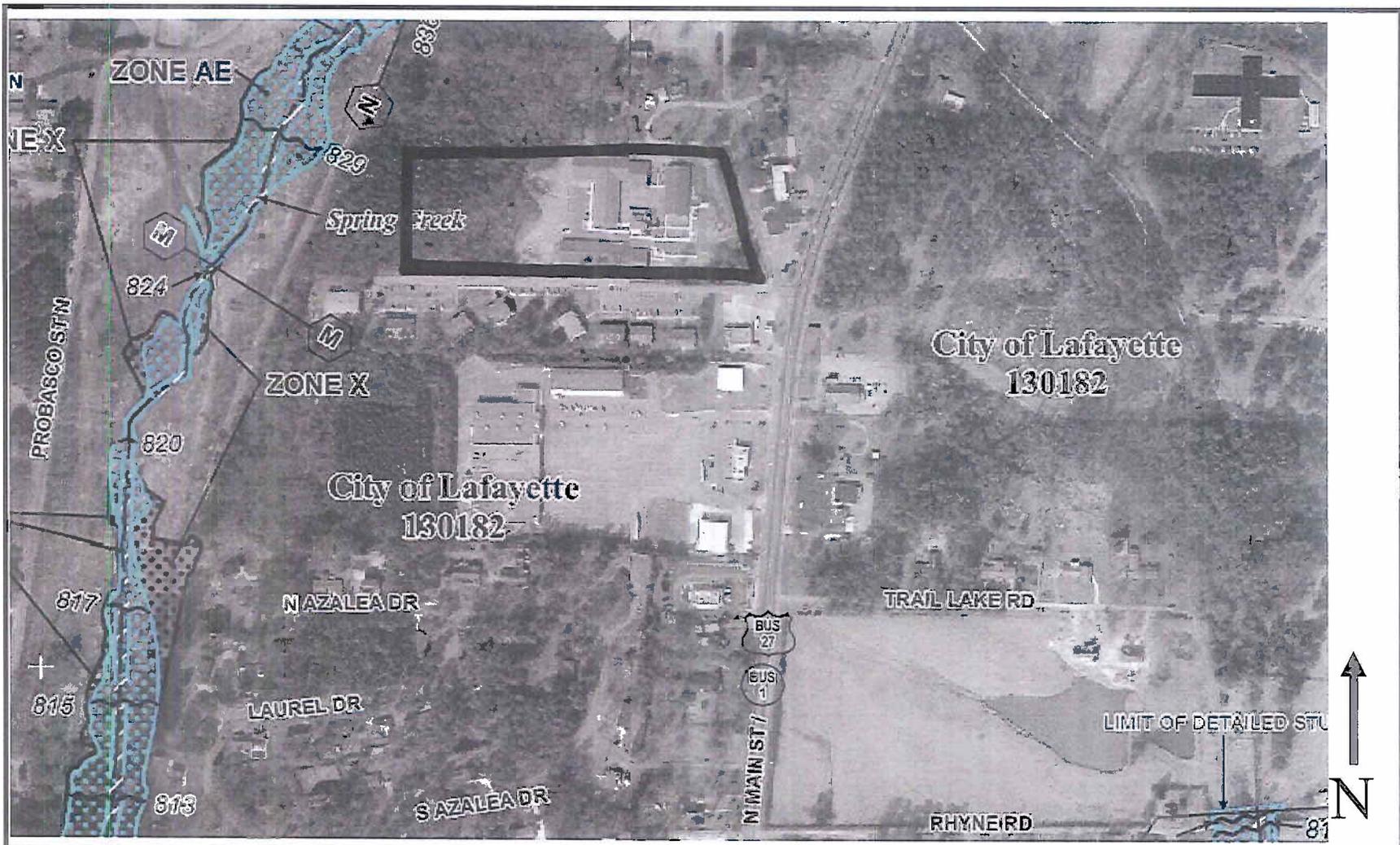


Natural Resources  
 Conservation Service

Web Soil Survey  
 National Cooperative Soil Survey

## Map Unit Legend

Dade and Walker Counties, Georgia (GA619)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
No map units selected for this soil survey area.			
Totals for Area of Interest		180.7	100.0%



**Figure 4**  
**Flood Insurance Rate Map (FIRM)**  
**Woodlands Village I & II**  
**West North Main Street**  
**Lafayette, Walker County, Georgia**  
**GEC Project #120313.240**  
**Approximate Scale: 1"=500'**  
**Source: FEMA Map Service Center Website**

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NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0181D

# FIRM

FLOOD INSURANCE RATE MAP

WALKER COUNTY,  
GEORGIA

AND INCORPORATED AREAS

PANEL 181 OF 375

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

**CONTAINS:**

COMMUNITY	NUMBER	PANEL	SUFFIX
LAFAYETTE, CITY OF	130192	0181	3
WALKER COUNTY	130188	0181	3

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



**MAP NUMBER**  
13295C0181D  
**EFFECTIVE DATE**  
SEPTEMBER 5, 2007

Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0182D

# FIRM

FLOOD INSURANCE RATE MAP

WALKER COUNTY,  
GEORGIA

AND INCORPORATED AREAS

PANEL 182 OF 375

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

**CONTAINS:**

COMMUNITY	NUMBER	PANEL	SUFFIX
LAFAYETTE, CITY OF	130192	0182	3
WALKER COUNTY	130188	0182	3

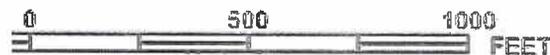
Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



**MAP NUMBER**  
13295C0182D  
**EFFECTIVE DATE**  
SEPTEMBER 5, 2007

Federal Emergency Management Agency

MAP SCALE 1" = 500'



# FIRM Map Legend

## LEGEND



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

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

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



### FLOODWAY AREAS IN ZONE AE

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



### OTHER FLOOD AREAS

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



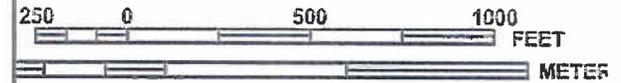
### OTHER AREAS

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



### COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

MAP SCALE 1" = 500'



### OTHERWISE PROTECTED AREAS (OPAs)

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

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- Base Flood Elevation line and value; elevation in feet\*
- Base Flood Elevation value where uniform within zone; elevation in feet\*
- \*Referenced to the North American Vertical Datum of 1988
- Cross section line
- Transect line
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere
- 49° 02' 06" N 83° 02' 12" W
- 4989000FT
- 2000-foot grid ticks: Georgia State Plane coordinate system, West zone (FIPS Zone 1002); Transverse Mercator
- 1000 meter Universal Transverse Mercator grid values, zone 16
- BENCH MARK (see explanation in Notes to Users section of this FIRM panel)
- \* M1.5
- River Mile

MAP REPOSITORY  
Refer to listing in Map Repositories on Map Index

EFFECTIVE DATE OF COUNTY-WIDE  
FLOOD INSURANCE RATE MAP

SEPTEMBER 5, 2007

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

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

To determine if flood insurance is available in this community contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6520.



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)



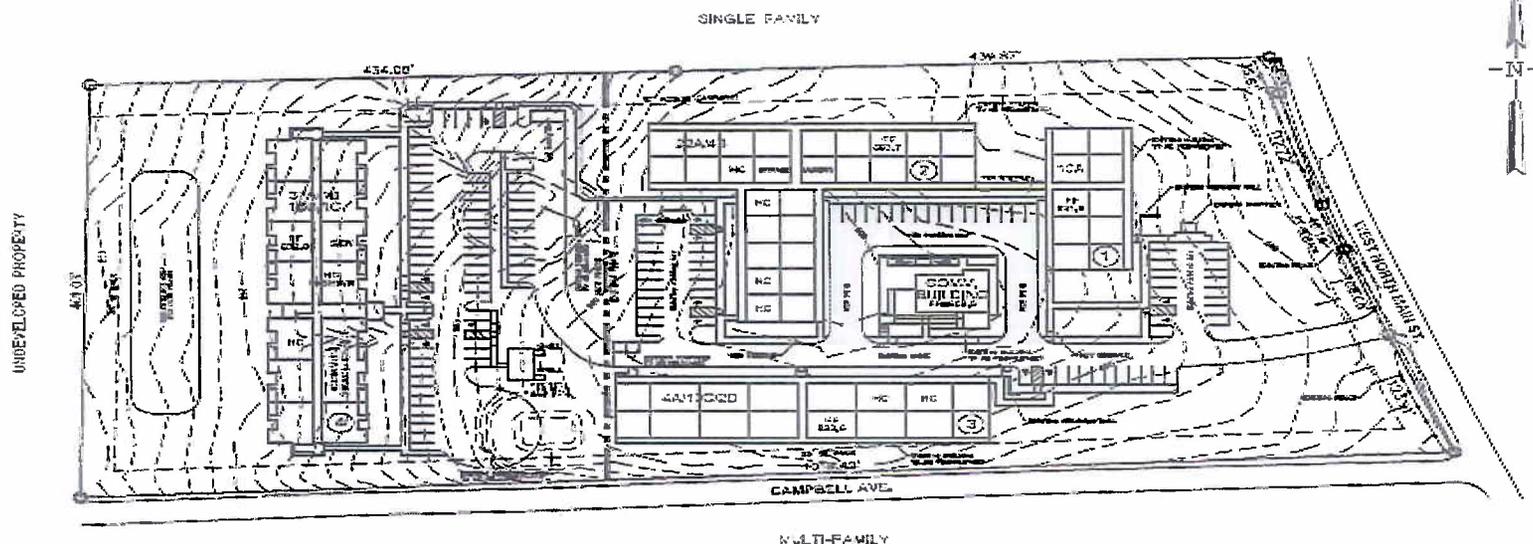
**Figure 5  
Site Map**

**Woodlands Village I & II  
West North Main Street  
Lafayette, Walker County, Georgia  
GEC Project No. 120313.240  
NOT TO SCALE  
Source: GEC's Client**

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LEGEND - EXISTING PHASE I		LEGEND - NEW PHASE II		OWNER
UNIT 'A' - ONE BEDROOM	28 UNITS	UNIT 'A' - TWO BEDROOM	37 UNITS	WOODLANDS VILLAGE II, LP
UNIT 'B' - ONE BEDROOM - HANDICAP	4 UNITS	UNIT 'D' - TWO BEDROOM - HANDICAP	1 UNIT	P.O. BOX 1909
UNIT 'C' - TWO BEDROOM	10 UNITS	UNIT 'E' - TWO BEDROOM - HANDICAP/H-SHAR	1 UNIT	ALBERTVILLE, ALABAMA 35950
UNIT 'D' - TWO BEDROOM - HANDICAP	2 UNITS	UNIT 'C' - TWO BEDROOM - SENSORY	1 UNIT	
<b>TOTAL UNITS</b>	<b>52 UNITS</b>	<b>TOTAL UNITS</b>	<b>40 UNITS</b>	<b>ARCHITECT</b>
<b>PARKING SPACES:</b>	<b>52</b>	<b>PARKING SPACES:</b>	<b>50</b>	McKEAN & ASSOCIATES, ARCHITECTS, LLC
<b>SITE AREA: (BOTH PHASES)</b>	<b>6.0 ACRES ±</b>	<b>SITE AREA: (BOTH PHASES)</b>	<b>6.0 ACRES ±</b>	2815 ZELDA ROAD
				MONTGOMERY, ALABAMA 36106



**SCHEMATIC SITE PLAN**  
**WOODLANDS VILLAGE APARTMENTS**  
**LAFAYETTE, GEORGIA**

JUNE 06, 2012



**Figure 6**  
**Site Plan**  
**Woodlands Village I & II**  
**West North Main Street**  
**Lafayette, Walker County, Georgia**  
**GEC Project #120313.240**  
**Approximate Scale: Graphic**  
**Source: GEC's Client**

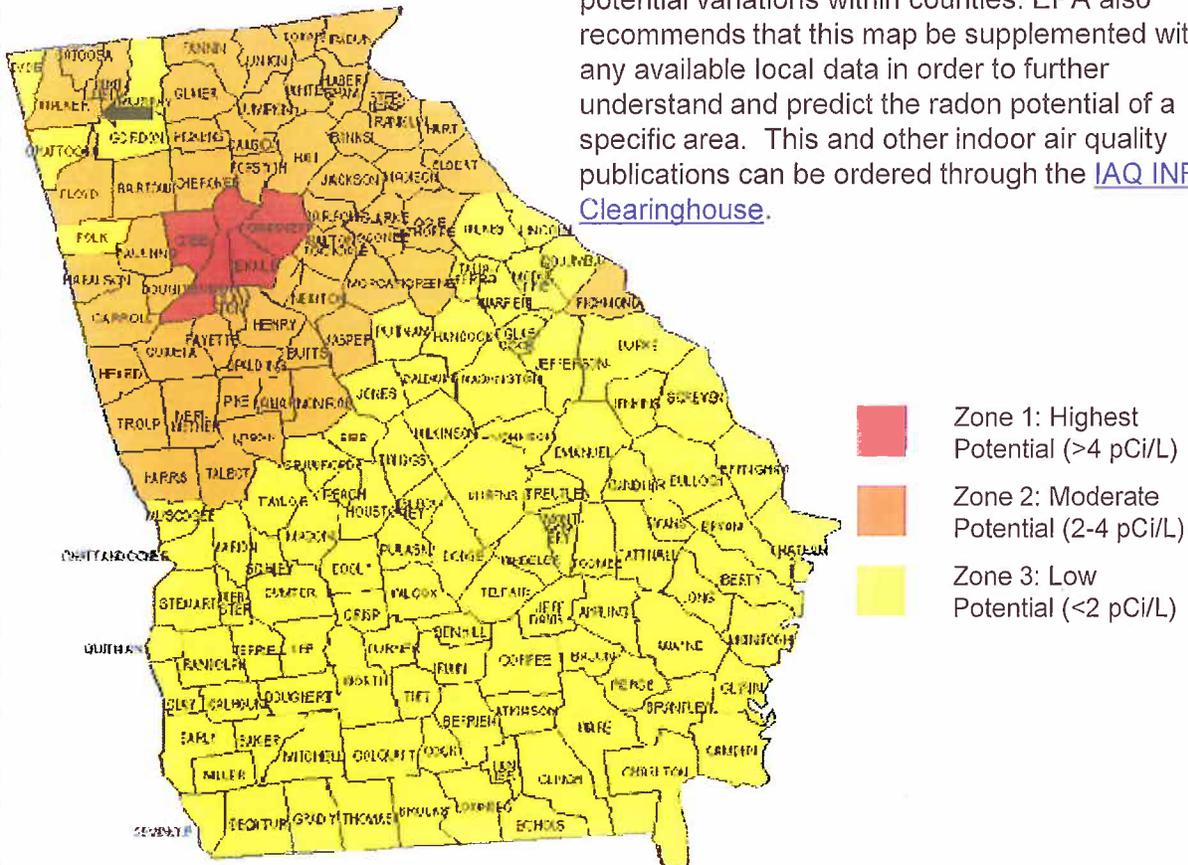
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# GEORGIA

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**  
**Woodlands Village I & II**  
**West North Main Street**  
**Lafayette, Walker County, Georgia**  
**GEC Project #120313.240**  
**Source: US EPA Website**  
[www.epa.gov/iaq/radon/zonemap](http://www.epa.gov/iaq/radon/zonemap)

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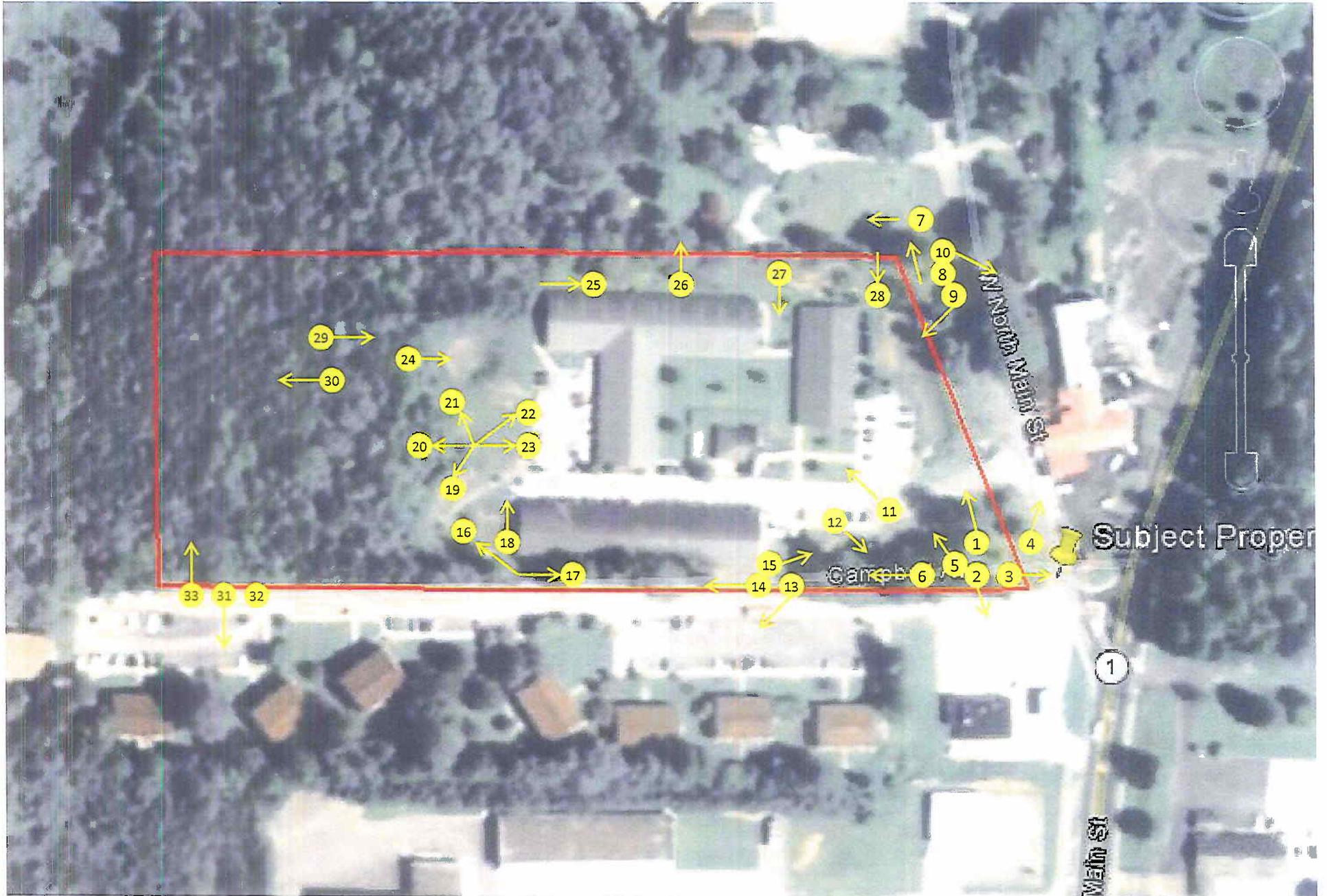
**Figure 8**  
 2009 Aerial Photograph  
 Woodlands Village I & II  
 West North Main Street  
 Lafayette, Walker County, Georgia  
 GEC Project #120313.240  
 Approximate Scale: 1"= 444'  
 Source: Google Earth Website

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**APPENDIX B:**  
**Site Photographs**  
(All Photographs taken May 7, 2012)

Photograph Map Key: Woodlands Village 120313.240





**Photograph 1**

View to north across entrance road to subject property; West North Macon Street and houses beyond



**Photograph 2**

View to the south from subject entrance road toward Campbell Avenue and Kangaroo BP convenience store beyond



**Photograph 3**

View to east from Campbell Avenue at West North Macon Street, the southeastern corner of the subject property



**Photograph 4**

View to north from the southeastern corner of the subject property across West North Macon Street and toward Ledford Pharmacy (apparent former restaurant)



**Photograph 5**  
View generally to northwest from the subject southeastern property corner



**Photograph 6**  
View to the west, up Campbell Avenue, from the subject southeastern property corner



**Photograph 7**

View to the west, toward adjacent residence, from the subject northeastern property corner



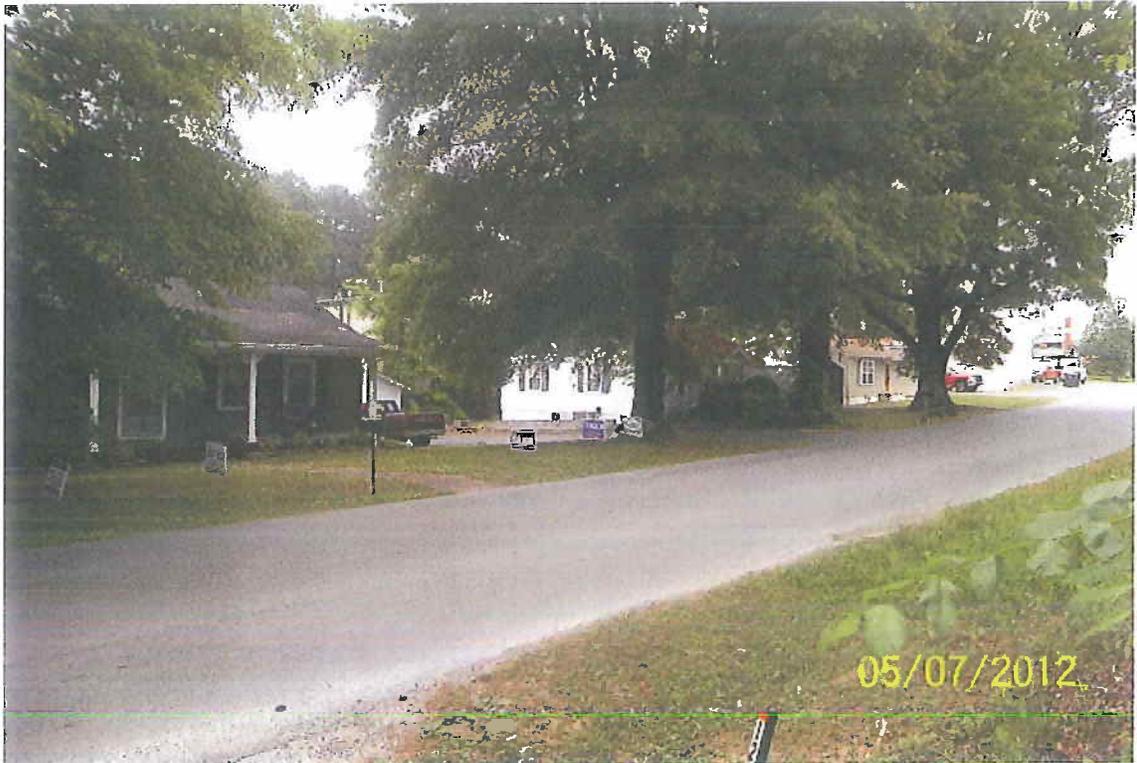
**Photograph 8**

View to north-northwest from near the subject northeastern property corner and looking up West North Main Street



**Photograph 9**

View to the southwest from near the subject northeastern property corner and looking across the subject frontage along West North Main Street



**Photograph 10**

View to the southeast from the subject northeastern property corner toward residential property across West North Main Street



**Photograph 11**

View to the northwest from the southeast corner of the subject property parking lot



**Photograph 12**

View to the southeast toward adjacent Carriage Apartments and Kangaroo BP in distance across Campbell Avenue from the subject property



**Photograph 13**

View to the southwest from near the southeastern corner of Building 300 and toward Carriage Apartments



**Photograph 14**

View to the west from near the southeastern corner of Building 300 and along the subject property's southern boundary



**Photograph 15**  
View to the east-northeast from near the southeastern corner of Building 300



**Photograph 16**  
View to the northwest from the southwestern corner of Building 300



**Photograph 17**

View to the east along the southern side of Building 300 and along the subject southern property line



**Photograph 18**

View to the north from the west side of Building 300; Building 200 in background



**Photograph 19**

View to the southwest from the central portion of the subject property west of the buildings; drainage swale for stormwater control



**Photograph 20**

View to the west toward the central portion of the wooded area of the subject property



**Photograph 21**

View to the north-northwest from the central portion of the subject property west of the buildings and toward the subject property's northwestern detention pond



**Photograph 22**

View to the northeast toward the western side of Building 200 and parking area



**Photograph 23**

View to the east toward the northern side of Building 300 (right) and the southern end of Building 200



**Photograph 24**

View to the east from the subject property's northwestern detention pond



**Photograph 25**  
View to the east down the north side of Building 200



**Photograph 26**  
View to the north from the north side of Building 200 toward the adjacent residence in the direction



**Photograph 27**

View to the south from between Building 200 and 100; typical pad transformer visible



**Photograph 28**

View to the south from the northeastern portion of the property at the subject property's eastern detention pond



**Photograph 29**

View to the east from central northern portion of the western wooded portion of the subject site



**Photograph 30**

View to the west from the central portion of the wooded portion of the subject site



**Photograph 31**

View to the south from at or near the subject southwestern property corner



**Photograph 32**

View to the east from at or near the subject southwestern property corner



**Photograph 33**

View to the north from at or near the subject southwestern property corner



**Photograph 34**

View to the west of the subject office and community building



**Photograph 35**  
Typical interior view of the subject office and community building



**Photograph 36**  
Typical view in basement of the subject office and community building

**APPENDIX C:**  
**Historical Research**  
**Documentation**

**DCA Woodlands Village I & II**  
1201 West North Main Street  
LA Fayette, GA 30728

Inquiry Number: 3309612.5  
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)

**Date EDR Searched Historical Sources:**

Aerial Photography April 27, 2012

**Target Property:**

1201 West North Main Street

LA Fayette, GA 30728

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1958	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1958	AMS
1977	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1977	USGS
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

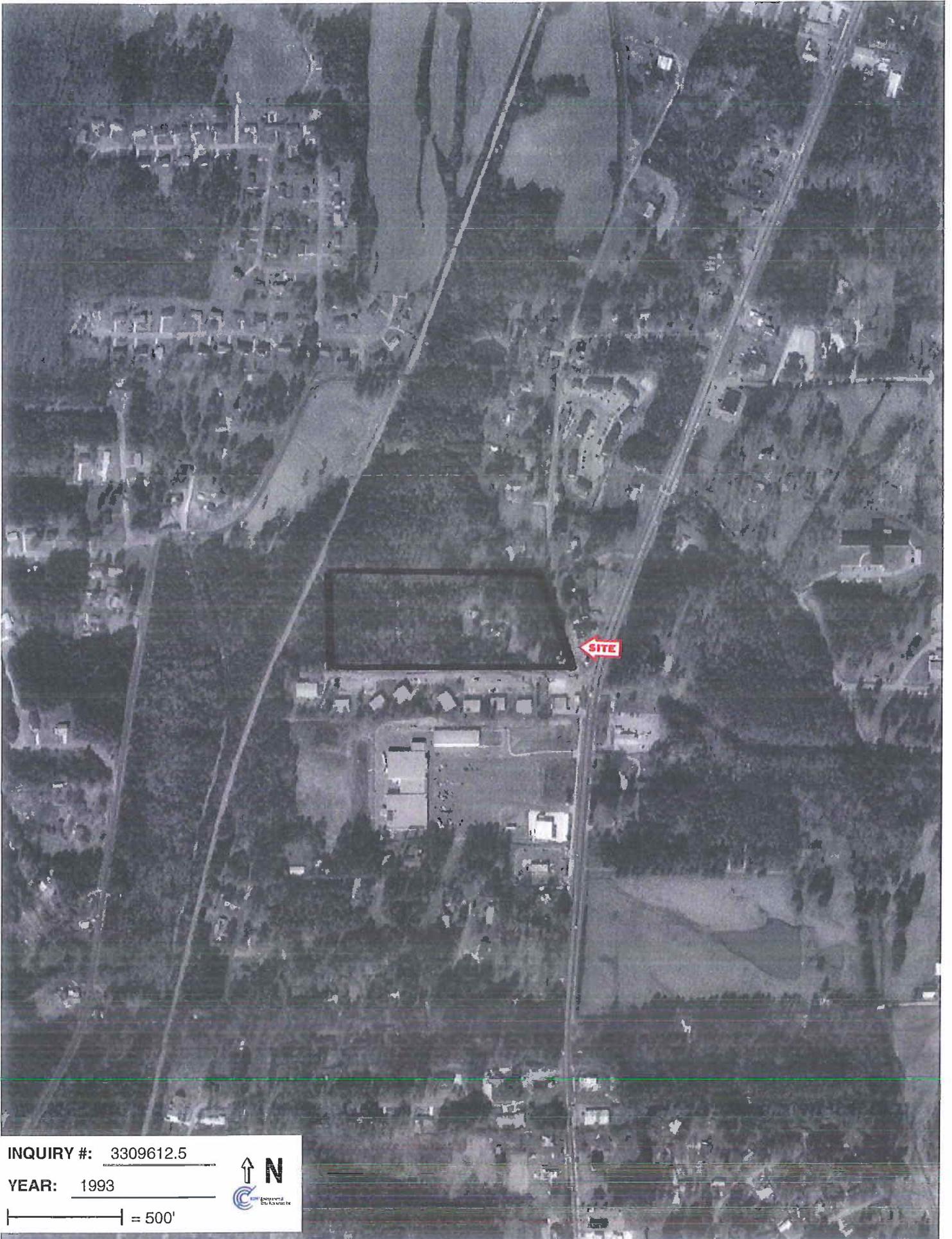


INQUIRY #: 3309612.5

YEAR: 2006

 = 500'





INQUIRY #: 3309612.5

YEAR: 1993

| = 500'





INQUIRY #: 3309612.5

YEAR: 1977

 = 1000'



**DCA Woodlands Village I & II**

1201 West North Main Street

LA Fayette, GA 30728

Inquiry Number: 3309612.3

April 24, 2012

**Certified Sanborn® Map Report**



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

**DCA Woodlands Village I & II**

1201 West North Main Street

LA Fayette, GA 30728

Inquiry Number: 3309612.4

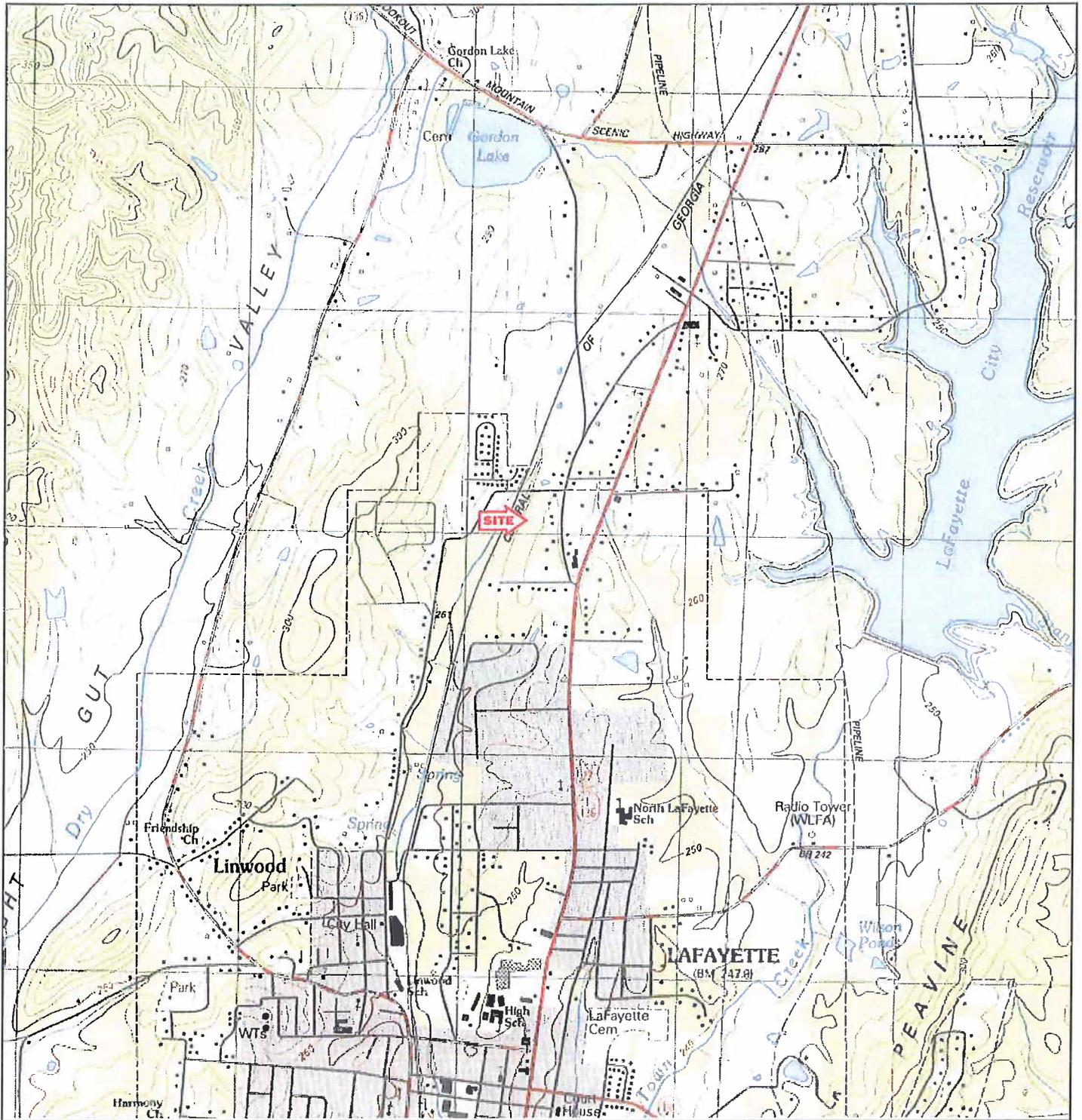
April 24, 2012

**EDR Historical Topographic Map Report**



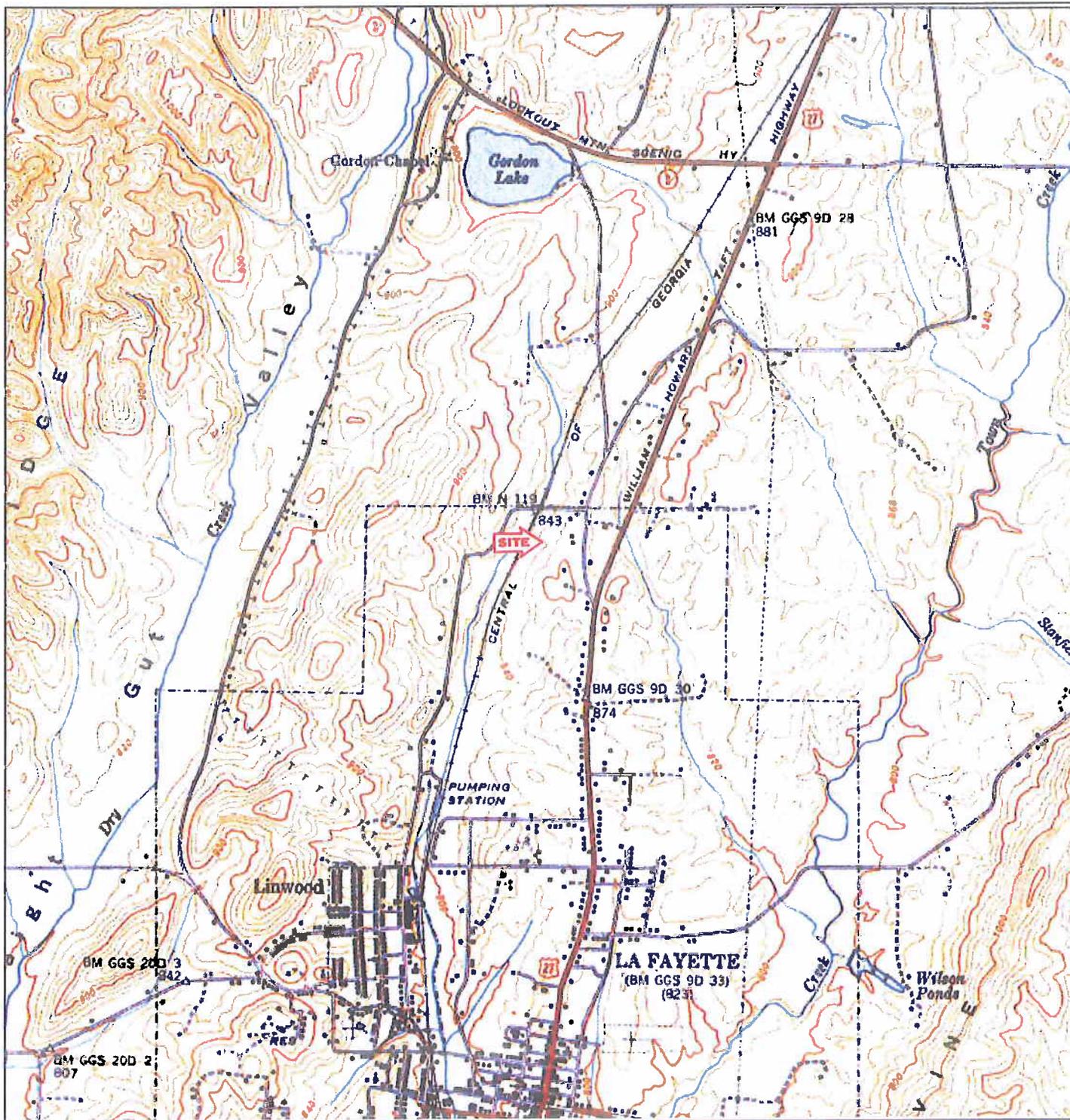
440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: LAFAYETTE MAP YEAR: 1983</p>	<p>SITE NAME: DCA Woodlands Village I &amp; II ADDRESS: 1201 West North Main Street LA Fayette, GA 30728 LAT/LONG: 34.7266 / -85.2815</p>	<p>CLIENT: Geotechnical &amp; Envtl. Cons. CONTACT: Tameka Gordon INQUIRY#: 3309612.4 RESEARCH DATE: 04/24/2012</p>
	<p>SERIES: 7.5 SCALE: 1:24000</p>		

# Historical Topographic Map



N ↑	TARGET QUAD	SITE NAME: DCA Woodlands Village I & II	CLIENT: Geotechnical & Env'tl. Cons.
	NAME: ESTELLE	ADDRESS: 1201 West North Main Street	CONTACT: Tameka Gordon
	MAP YEAR: 1947	LA Fayette, GA 30728	INQUIRY#: 3309612.4
	SERIES: 7.5	LAT/LONG: 34.7266 / -85.2815	RESEARCH DATE: 04/24/2012
	SCALE: 1:24000		

**DCA Woodlands Village I & II**

1201 West North Main Street  
LA Fayette, GA 30728

Inquiry Number: 3309612.6  
April 30, 2012

**The EDR-City Directory Image Report**

## 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>
2011	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Polk's City Directory
2006	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Polk's City Directory
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Polk's City Directory
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1990	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1985	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1980	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1975	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1969	<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

### CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
<b><u>Campbell Avenue</u></b>			
2011	pg. A7	Polk's City Directory	
2006	pg. A8	Polk's City Directory	
2000	pg. A9	Polk's City Directory	
1995	-	Polk's City Directory	Street not listed in Source
1990	-	Polk's City Directory	Street not listed in Source
1985	-	Polk's City Directory	Street not listed in Source
1980	-	Polk's City Directory	Street not listed in Source
1975	-	Polk's City Directory	Street not listed in Source
1969	-	Polk's City Directory	Street not listed in Source

## West North Main Street

2011

**W NORTH MAIN ST (LA FAYETTE)****+ N MAIN ST CONTINUES****• ZIP CODE 30728 CAR-RT C001**

1201	☉ Barnes Teresa	.....706-638-8472
	Hale Billy [5]	.....706-638-0024
	☉ Humphrey Larry	.....706-996-8110
	☉ Lanier Frankie	.....706-639-1896
	Norman James K [7]	
	Southerland Mary D [7]	.....706-638-2178
	☉ Thompson D	.....706-638-8490
	Whitley Joyce [2]	.....706-638-5844
	WOODLANDS VILLAGE APARTMENTS apartments	
	.....	706-639-9595
	Woody Edward [2]	.....706-996-8574
1201	103 Chastain Harold L [3]	
	108 ☉ Stanifer Ursula B	
	109 Quinto Dorothy L [8]	
	204 ☉ Janicki Marjorie A	.....706-638-8795
	206 ☉ Ellenburg Eula	
	207 ☉ Fuentes Sharon	
	208 ☉ Gum Martha A	
	210 Hare Martha S [4]	.....706-638-0548
	212 ☉ Creswell Brenda	
	213 ☉ Simms Patricia	.....706-996-8330
	214 ☉ Woody Maggie D	
	215 ☉ Morgan Tuesday M	
	216 Herbert Herschel [2]	
	220 Gaston Peggy M [5]	.....706-996-8123
	223 Keene Josephine B [8]	.....706-638-6937
	225 Cordell Shirley W [7]	.....706-638-1376
	226 Simpson David L [4]	.....706-638-4314
	301 ☉ Fortune Patricia	
	303 Wheeler Patricia [4]	.....706-996-8420
	307 Pettyjohn Judy E [7]	
	308 West Peggy P [9]	.....706-638-4720
	309 Roberts Kathleen G [2]	
	315 ☉ Andrews Kathleen D	

## West North Main Street

2006

## W NORTH MAIN ST (LA FAYETTE)

+ N MAIN ST CONTINUES

• ZIP CODE 30728 CAR-RT C001

1201 • Alavolasiti W J .....706-638-1575  
 • Anderson Matthew .....706-638-6124  
 Cordell Shirley W [2] .....706-638-1376  
 • Downs Jan .....  
 Keene Josephine B [3] .....706-638-6937  
 • Neanover Jamie .....706-638-7195  
 • Price Nylia .....706-638-8028  
 • Ritchie Donald R .....  
 Roberts K [2] .....706-638-8068  
 • Snyder Bonnie L .....706-638-0935  
 Southerland Mary D [2] .....706-638-2178  
 • Talley Willard .....706-638-0686  
 WOODLANDS VILLAGE APARTMENTS apartments  
 .....706-639-9595  
 105 • Bandy Helen J .....  
 107 Miller Doris L [2] .....706-638-4809  
 110 • Pittman Martin A .....  
 201 • Henry Rozera .....706-638-2857  
 205 Dixon Betty A [3] .....  
 210 • Knight John .....  
 210 Knight Brenda .....  
 212 Traffansteadt Linda C [3] .....  
 212 Traffansteadt U B .....  
 213 • Hargraves Tommie L .....  
 220 • Gaston Peggy M .....  
 304 Reynolds Henry [2] .....  
 304 Reynolds Mary L .....  
 306 Womble Dale M [4] .....  
 307 Pettyjohn Judy E [2] .....  
 308 West Carlyle E & Margaret P [4] .....706-638-4720  
 309 Hinton Bessie S [2] .....706-638-8241  
 309 Hinton Sherry S .....706-638-8241  
 313 Hatfield Dorothy L [3] .....706-638-2830  
 314 Fraser Martha J [2] .....706-639-9571  
 315 Nolas Bomar D [2] .....706-638-4602  
 1202 No Current Listing  
 1204 • Bandy Almege .....706-638-3357  
 1205 Richardson Randall [34] • .....706-638-2628  
 1206 Sikes Jennifer [2] .....  
 1207 DENDY HILL GRAPHICS sign painters  
 .....706-639-9454  
 Kirby Alan N [9] • .....706-638-6835  
 Kirby Annie D .....706-638-6835  
 1208 No Current Listing  
 1210 Gladden Helen C [14] • .....706-638-4284  
 1211 BOB'S PIANO SVC pianos .....706-638-0525  
 HIGHLAND PRESBYTERIAN CHURCH churches  
 .....706-638-8940  
 1212 AMBERWOOD APARTMENTS apartments  
 .....706-638-7567  
 • Bledsoe Terri .....  
 • Delancott Bridget .....  
 • Meades Leon .....706-638-0783  
 Short K [3] .....706-638-2656  
 Spurlin Deborah [2] .....706-639-3454  
 • Ware Joan .....706-638-0394  
 Wells Robert E Jr [2] .....706-638-8028  
 Whitlire F N [9] .....706-638-4539  
 4 Cordell Ralph L [11] .....706-638-7454  
 6 Nichols Shirley D [12] .....706-638-8034  
 10 Lonas Joan D [2] .....  
 14 Stone Kimberly D [8] .....706-638-6600  
 20 Hunter Elijah D [4] .....  
 24 Hayes Amber M [3] .....  
 24 Hayes Courtney .....  
 28 Rollins Rebecca L [2] .....  
 27 • Rushing Miranda .....  
 31 Cooper Melissa R [2] .....  
 32 Smith Sara E [10] .....

West North Main Street

1995

NORTH MAIN ST W -FROM 1201 N  
MAIN ST NORTHWEST, 1  
NORTH OF DOGWOOD CIR

- ZIP CODE 30728
- + N MAIN ST INTERSECTS
- 1201-1204 Vacant (4 Hses)
- 1205 Richardson Randall & Carolyn [R] 638-2625
- 1206 Underwood Valeria [R] 638-2290
- 1207 Not Verified
- 1208 Vacant
- 1210a Not Verified
- 1210b Parker Samuel [R] IV & Amy [R] 638-5014
- 1211 HIGHLANDS PRESBY CH 638-8940
- 1212 AMBERWOOD APARTMENTS 638-7567
- 1 Hartline Ralph [R]
- 2 Hamilton April
- 3 Mac Cracken John
- 4 Parham Virginia J [R].... 638-0896
- 5 Miller Ruby [R]
- 6 Nichols Shirley [R]
- 7 Coffey Sabrina
- 8 Simmons Joseph
- 9 Holt Chi Yong [R]
- 10 Mo Gowan Daniel
- 11 Careather Gloria [R]
- 12 Lusk Johnnie [R]
- 13 Coker Betty J
- 14 Vacant
- 15 Wills Sarah [R]
- 16 Diffendekel Andy
- 17 Vacant
- 18 Gilbert Juquia
- 19 Tumpseed Lisa
- 20 Holland Sheila
- 21 Vacant
- 22 Timmons Evelyn [R]
- 23 Vacant
- 24 Ford Harost
- 25 Prue Sharon
- 26 Harris John R
- 27 Martenn Joel
- 28 Hill Dawn M
- 29-30 Vacant (2 Apts)
- 31 Moore David L
- 32 Sloan Kim
- 33 Walker James
- 34 Irvin Robert
- 34 Irvin Earline
- 35 Lumpkin Antonio
- 35 Cunningham Millicent
- 36 Edgeman Carla
- 37 Not Verified
- 38 Gilbreath Melinda
- 39 Fomaleki Krysia
- 40 Schultz Linda S
- 41 Vacant
- 42 Fincher Teresa
- 43 Jackson Marva
- 44 Gill Tracy W & Teresa [R] 638-7567

## Campbell Avenue

2011

**CAMPBELL AVE (LA FAYETTE)-FROM 1213 W NORTH  
MAIN ST****• ZIP CODE 30728 CAR-RT C001**

1135 Burnette Kari [1] .....706-638-8363  
 CARRIAGE HILL APARTMENTS apartments  
 .....706-638-3332  
 ① Chunn Raydean .....706-638-7179  
 ② Cook Donna  
 ① Dixon Serena .....706-639-9000  
 ① Elrod Larry .....706-996-8321  
 ② Gravitt Lamar .....706-638-3410  
 Green Trudy [3] .....706-638-5969  
 ① Hess Carol .....706-638-3408  
 Lane James L [2] .....706-638-5040  
 ① Payne Jamie  
 ① Ramsey Jamie .....706-638-8296  
 Ramsey Ladonna M .....706-638-8296  
 ① Slaughter Kandice .....706-639-3584  
 Smith Marsha [2] .....706-996-8423  
 Truman Patricia [4] .....706-638-9622  
 Waters Phyllis G [4]  
 A2 Frye Ruby L [26] .....706-638-5607

1135 A6 ① Askates Michelle  
 A7 Trammell Ruby T [2]  
 C19 Ramsey Courtney [2]  
 D25 ① Shaw Ashley  
 D30 Driver Holly [3]  
 D32 Hooper Talina M [7]  
 E35 Irvin Linda L [3] .....706-639-9339  
 E35 Irvin Scott .....706-639-9339  
 E37 ① Blackmon Bobbie  
 E38 Turner James [4] .....706-638-2448  
 E40 Wallin J [4]  
 F52 Oglesby P [4]  
 G53 ① Lunsford Martha R  
 G54 ① Ingram Ashley  
 G55 ① Walz Melissa A  
 H61 Smothers Tammy [3]  
 H61 Smothers Amanda  
 H62 Jackson Vonda [2] .....706-996-8460  
 H64 McCoy Bobbie J [2]  
 H67 West Whitney L [3]

**BUSINESSES 1****HOUSEHOLDS 34**

Campbell Avenue

2000

**CAMPBELL AVE (LA FAYETTE)  
- ZIP CODE 30728 CAR-RT C001**

- 1132 B-16 Chapman Carolyn E [3] ▲
- 1135 Campbell Claude T [4] ..... 638-3607
- CARRIAGE HILL APARTMENTS**
- ..... 638-3332
- Catlett Christy [2] ..... 639-9551
- Cordell Shirley W [3] ..... 638-1376
- Cumbee H R [2] ..... 639-9511
- Daniels Esther C [4] ..... 638-8146
- Fahrubel Teresa D [8] ▲ ..... 638-1314
- Ford Oris O [4] ..... 638-6791
- ☐ Frye Ruby ..... 638-5607
- Grigsby Charles K [4] ..... 638-0596
- Hicks Violet [5] ..... 638-5121
- Higginbotham Howard C [3] .. 638-8820
- ☐ Hogue Clara B ..... 638-6342
- King Mary S [2] ..... 638-4642
- ☐ Oglesby Cynthia ..... 639-9435
- Quinton D L [2] ..... 638-6329
- Reynolds M B [4] ..... 638-4889
- Russell Regina G [6] ..... 638-6964
- ☐ Scales Gwen ..... 638-9858
- Stockard Charles P [4] ▲ ..... 638-8658
- ☐ Stoker Juliana K ..... 638-7497
- Taylor A E [5] ..... 638-4858
- ☐ Tomlin Tracy A ..... 638-1134
- ☐ Townsend Lillie ..... 638-8585
- ☐ Watson Elsie S ..... 638-2326
- Whiteside Barbara [2] ..... 638-6411
- ☐ Willingham Shirley ..... 638-6606
- Yates Harold C [4] ..... 638-5852
- A3-B15 Not Verified (2 Apts)
- C17 ☐ Hursey Parris D
- C17 ☐ Huskey Glenda R
- D27 Not Verified
- D28 ☐ Fritz Angela D
- D30 Burgess Destiny L [3]
- F47 Carroll Linda M [3]
- H65 Boggs-Reyes Donna C [4] ▲

638-9563

BUSINESSES 1

HOUSEHOLDS 37

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

CHAIN OF OWNERSHIP REVIEW  
(for Environmental Phase 1 purposes)

Job #: 120313.240

Date: 6/9/12

**Tax Parcel #:** 1005-015

**Owner:** Progressive Lafayette I, Inc.

**Address:** 1201 N. Main St.

**Location:** Land Lot 315 of the 8<sup>th</sup> District, 4<sup>th</sup> Section of Walker County

+++Tax Assessors records indicated the site is composed of 6.52 acres and is currently occupied by an apartment complex constructed in 2003 and an office building built in 1935.

++The deed record indicated the site was part of a larger tract which was owned by the Burney/Smith family from 1935 until it was sold to the current owner in 2000.

— 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.

— Note Land Use Restriction Agreement with lender.

**= 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 1005-015

Record #	Instrument Date	Instrument Type	Grantor	Grantee	Property Description / Notes	Book / Page
A	5/15/1935	WD	W.C. Smith; W.E. Withers & J.J. Mattox	W.C. Burney	Approx. 12 acres in LL 315	61/95
B	2/15/1947	Heirs	Edward P. Burney; James Burney & Derelle Burney Smith, Heirs at Law of W.C. Burney	Mrs. Grace Burney	12.6 acres	131/111
C1-a	12/25/1954	WD	Mrs. W.C. Burney	E.P. Burney	1014' x 180' x 1120' x 177'	175/229
C1-b	10/1/1976	Gift	E.P. Burney	Mrs. Derelle B. Smith	1014' x 180' x 1120' x 177'	426/103
C2	11/18/1977	Exec	The Executor of the Estate of Mrs. Grace Burney	Derelle Burney Smith	1360' x 302' x 1120' x 225'	438/302
D	8/10/1989	WD	Derelle Burney Smith	A. Rebecca Smith; Marcia S. Edwards & Elena S. Cooke	2 Tracts	613/543
E	12/24/1990	WD	A. Rebecca Smith; Marcia S. Edwards & Elena S. Cooke	Derelle Burney Smith	2 Tracts	643/708
F	3/15/1995	Exec	The Executrix of the Estate of Derelle Burney Smith	A. Rebecca Smith; Marcia S. Edwards & Elena S. Cooke	2 Tracts	759/467
G	12/15/2000	WD	A. Rebecca Smith; Marcia S. Edwards & Elena S. Lundy a/k/a Elena S. Cooke	Progressive Lafayette I, Inc.	8.50 acres	1000/783

Walker County, Georgia

Real Estate Transfer Tax

Paid \$ 166.00

Date 12/21/00

Bill McDaniel

Clerk of Superior Court

**AFTER RECORDING RETURN TO:**

John A. White, Jr. - Hughes and White  
Shadowood Office Park, Suite 440  
2110 Powers Ferry Road  
Atlanta, Georgia 30339-5058

870069

Walker County, Ga.

Filed and Recorded in this office Dec. 21 2000 1 PM

Recorded in Deed Book 1000 Page 783-788

Bill McDaniel, Clerk

783

Paid 166.00  
TH

STATE OF GEORGIA

COUNTY OF WALKER

**LIMITED WARRANTY DEED**

THIS INDENTURE, made as of the 15<sup>th</sup> day of December in the year Two Thousand,  
between

**A. REBECCA SMITH, an individual resident of Tennessee, MARCIA S. EDWARDS, an  
individual resident of Georgia, and ELENA S. LUNDY f/k/a ELENA S. COOKE,  
an individual resident of Tennessee**

as party of the first part (hereinafter, collectively, referred to as "Grantor"), and

**PROGRESSIVE LAFAYETTE I, INC.,  
a Georgia corporation**

as party of the second part (hereinafter referred to as "Grantee"). The words "Grantor" and  
"Grantee" include their respective heirs, successors, and assigns where the context requires or  
permits.

**WITNESSETH:**

THAT, Grantor, for and in consideration of the sum of Ten and No/100 Dollars (\$10.00),  
and other good and valuable considerations, in hand paid at and before the sealing and delivery  
of these presents, the receipt and sufficiency whereof are hereby acknowledged, has granted,

784

bargained, sold, aliened, conveyed and confirmed, and by these presents does hereby grant, bargain, sell, alien, convey and confirm unto Grantee all that certain tract or parcel of real property lying and being in Walker County, Georgia, being more particularly described on Exhibit "A", attached hereto and made a part hereof, together with all improvements thereon and appurtenances thereto.

This conveyance is made subject only to those certain matters described on Exhibit "B" attached hereto and made a part hereof.

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

AND THE SAID GRANTOR will warrant and forever defend the right and title to the above-described real property unto Grantee against the claims of all persons whomsoever claiming by, through or under Grantor, except as hereinabove set forth.

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

Signed, sealed and delivered in the presence of:

GRANTOR:

Carlynn Goulard & Rebecca Smith (SEAL)  
Witness A. REBECCA SMITH

Darlene Lacy  
Notary Public

[NOTARY SEAL]

My commission expires:



[signatures continue on following page]

785

Signed, sealed and delivered in the presence of:

GRANTOR:

Carolyn Gould Marcia S Edwards (SEAL)  
Witness MARCIA S. EDWARDS

Darlene Lacy  
Notary Public

[NOTARY SEAL]

My commission expires:



786

Signed, sealed and delivered in the presence of:

GRANTOR:

Caroly Fowlkes  
Witness

Elena S. Lundy (SEAL)  
ELENA S. LUNDY  
f/k/a ELENA S. COOKE

Darlene Lacy  
Notary Public

[NOTARY SEAL]

My commission expires:



703

Walker County, GA

Filed and Recorded in this office 3/11 <sup>10 AM</sup> 2002

Recorded in Deed Book 1077 Page 703 - 715

Bill McDaniel, Clerk

**AFTER RECORDING RETURN TO:**

Michael Q. Kulla - Hughes and White  
Shadowood Office Park, Suite 440  
2110 Powers Ferry Road  
Atlanta, Georgia 30339-5058

1  
8  
0  
0  
4

**LAND USE RESTRICTION AGREEMENT**

This Land Use Restriction Agreement ("Agreement") is executed January 10, 2002, by and between the Georgia Housing and Finance Authority, a public corporation and instrumentality of the State of Georgia (the "Lender") and Progressive LaFayette I, Inc., a Georgia corporation (the "Owner").

**RECITALS:**

A. Owner owns the land described on the attached **Exhibit A**. Owner is building or will build a multi-family rental housing project on the land and the project will be known as "Woodlands Village" (the land and all current and future improvements are collectively referred to as the "Property"). The housing will constitute "affordable housing" as defined in Section 215 of the Act.

B. Lender is lending Owner \$3,283,000.00 in HOME Funds and state funds to construct the housing (the "Loan"). The Loan is evidenced by a promissory note from Owner to Lender (the "Note").

C. Pursuant to Section 215(a)(1)(E) of the Act, and the HOME Regulations, Owner must comply with occupancy, rent, and other restrictions.



Doc ID: 000289200006 Type: GLR  
Filed: 01/10/2006 at 08:15:34 AM  
Fee Amt: Page 1 of 6  
Walker, Ga. Clerk Superior Court

BK 1383 pg 768-773

---

**Reference:**

Deed Book 1077, Page 703;  
Deed Book 1188, Page 33; and,  
Deed Book 1239, Page 783  
Walker County, Georgia Records

**After recording, return to:**

Arnall Golden Gregory LLP  
171 17th Street  
Suite 2100  
Atlanta, Georgia 30363

Attn: Jeffrey C. Adams

---

**THIRD AMENDMENT OF  
LAND USE RESTRICTION AGREEMENT**

---

This *Third Amendment of Land Use Restriction Agreement* ("Amendment") is executed as of the dates shown on the attached signature page, intended to be effective on or about February 1, 2005, by and between the Georgia Housing and Finance Authority, a public corporation and instrumentality of the State of Georgia (the "Lender") and Progressive LaFayette I, Inc. a Georgia corporation ("Owner").

**RECITALS:**

A. Owner owns a multi-family rental housing project known as "Woodlands Village," located on land located in Walker County, Georgia, as more particularly described on Exhibit A attached hereto and made a part hereof.

B. In connection with a loan from Lender, certain restrictive covenants relating to the land and project were put in place by a Land Use Restriction Agreement, dated January 10, 2002 (the "Original Agreement"), recorded at Deed Book 1077, page

703 of the real estate records of Walker County, Georgia; a subsequent First Amendment of Land Use Restriction Agreement, dated April 9, 2003 ("First Amendment"), recorded at Deed Book 1188, page 33, of the real estate records of Walker County, Georgia; and, a subsequent Second Amendment of Land Use Restriction Agreement, dated February 13, 2004 (the "Second Amendment"), recorded at Deed Book 1239, page 783 of the real estate records of Walker County, Georgia (collectively, the Original Agreement, First Amendment, and Second Amendment are hereinafter referred to as the "Agreement").

C. The parties want to amend the Agreement, as set forth below.

**NOW, THEREFORE**, in consideration of the promises herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Definitions. Capitalized terms not defined in this Amendment shall have the same meaning as in the Agreement. As used in this Amendment and the Agreement, "family" means "family" as defined in the HOME Regulations and includes a single person and a one-member family.

2. Section 1.07. The Agreement is amended by deleting the existing section 1.07 and replacing it with the following new section 1.07:

1.07. "Older Person" means a natural person who is 55 years of age or older.

3. Section 1.13. The Agreement is amended by deleting Section 1.13, as previously amended, and replacing it with the following:

1.13. "Low Income Family" means, in the case of a Unit occupied or to be occupied by one Person, an Older Person whose Annual Income does not exceed 60% of the Area Median Income, and in the case of a Unit occupied by a family with more than one Person (whether or not related), at least one member of the family occupying or to be occupying the Unit is an Older Person and the aggregate Annual Income of the family members does not exceed 60% of the Area Median Income.

4. Section 1.15. The Agreement is amended by deleting Section 1.15, as previously amended, and replacing it with the following:

1.15. "Other Low Income Family" means, in the case of a Unit occupied or to be occupied by one Person, an Older Person whose Annual Income does not exceed 50% of the Area Median Income, and in the case of a Unit occupied by a family with more than one Person (whether or not related), at least one member of the family occupying or to be occupying the Unit is an Older Person and the aggregate Annual Income of the family members does not exceed 50% of the Area Median Income.

5. Section 1.22. The Agreement is amended by deleting Section 1.22, as previously amended, and replacing it with the following:

1.22. "Very Low Income Family" means, in the case of a Unit occupied or to be occupied by one Person, an Older Person whose Annual Income does not exceed 45% of the Area Median Income, and in the case of a Unit occupied by a family with more than one Person (whether or not related), at least one member of the family occupying or to be occupying the Unit is an Older Person and the aggregate Annual Income of the family members does not exceed 45% of the Area Median Income.

6. Section 2.01. The Agreement is amended by deleting Section 2.01, as previously amended, and replacing it with the following:

2.01. Use of the Property. During the Affordability Period on a continuous basis, Owner will: (a) maintain the Property as rental housing and, subject to Exhibit B, will rent or offer to rent Units only to Low Income Families, Other Low Income Families, or Very Low Income Families, provided, however, at least 80% of the total units in the Project rented at any particular time must be occupied by at least one Person who is an Older Person; and (b) maintain the site amenities set forth in Owner's loan application or other materials submitted to Lender in support of the loan application, namely, a laundry room that is equipped with washers and dryers, a clubhouse/office, an equipped play court, front decorative fencing, a picnic area, and a landscape sprinkler system. Each Unit will be provided with refrigerator, stove, a garbage disposal, dishwasher, and washer and dryer hookups. Any laundry or community facilities located on the Property shall be for the exclusive use of the tenants and shall not be available for use by general public.

7. Except as specifically modified by this Amendment, the Agreement remains in full force and effect and unchanged. The parties do not intend that this instrument shall be a novation of the Agreement, but only an amendment.

[Signatures on next page]

IN WITNESS WHEREOF, the parties have executed this Amendment as of the above date.

Signed, sealed and delivered on December 2, 2005 in the presence of:

[Signature]  
Witness

[Signature]  
Notary Public



[Notary Seal]

PROGRESSIVE LAFAYETTE I, INC.

By: [Signature]  
Bruce C. Gunter, President

Attest:

Name: [Signature]  
Title: Secretary

[SEAL]

Signed, sealed and delivered on December 19, 2005 in the presence of:

[Signature]  
Witness

[Signature]  
Notary Public



GEORGIA HOUSING AND FINANCE AUTHORITY

By: [Signature]  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Attest:

Name: [Signature]  
Title: \_\_\_\_\_



EXHIBIT "A"

All that tract and parcel of land lying and being in Land Lot 315 of the 8<sup>th</sup> District, 4<sup>th</sup> Section of Walker County, Georgia and being more particularly described as follows: To find the TRUE POINT OF BEGINNING commence at the intersection of the west right of way line of West North Main Street (40' R/W) and the west right-of way line of U.S. Highway 27, (variable R/W); thence run northwesterly along the west right of way line of West North Main Street 80.65 feet to a railroad spike which is the TRUE POINT OF BEGINNING.

Thence run south 87 degrees 30 minutes 00 seconds west 1019.42 feet to an iron pin set; thence run north 01 degrees 14 minutes 16 seconds east 401.03 feet to an iron pin set; thence run north 88 degrees 16 minutes 37 seconds east 873.95 feet to a rebar found on the west right of way line of West North Main Street; thence run along the west right of way line the following courses and distances; south 11 degrees 35 minutes 40 seconds east 35.80 feet to a point; south 16 degrees 31 minutes 59 seconds east 112.72 feet to a point; south 20 degrees 25 minutes 29 seconds east 46.14 feet to a point; south 21 degrees 19 minutes 26 seconds east 88.68 feet to a point; south 23 degrees 07 minutes 03 seconds east 123.91 feet to a railroad spike at the POINT OF BEGINNING.

Said tract or parcel contains 0.50 acres as shown on that certain ALTA/ACSM survey for Progressive Lafayette I, Inc., Progressive Redevelopment, Inc., Fidelity National Title Insurance Company of New York and First Union National Bank, prepared by Compton Surveying, LLC, bearing the seal of Max Randall Compton, Georgia R.L.S. NO.2584, dated November 20, 2000. Last revised December 26, 2001.

## EXHIBIT B

Subject to section 2.05, the following number and types of Units are restricted to families or individuals with an Annual Income of 60% or less of AMI and are subject to the following rent restrictions:

For 6 one-bedroom units: the greater of (1) maximum monthly rent of \$434.00 less the applicable Utility Allowance; or (2) the lesser of (a) 30% of 60% of monthly AMI for a household of 1.5 persons, less the applicable Utility Allowance or (b) the HUD Fair Market Rent for one-bedroom units, less the applicable Utility Allowance.

For 3 two-bedroom units: the greater of (1) maximum monthly rent of \$522.00 less the applicable Utility Allowance; or (2) the lesser of (a) 30% of 60% of monthly AMI for a household of 3 persons, less the applicable Utility Allowance or (b) the HUD Fair Market Rent for two-bedroom units, less the applicable Utility Allowance.

Subject to section 2.05, the following number and types of Units are restricted to families or individuals with an Annual Income of 50% or less of AMI and are subject to the following rent restrictions:

For 23 one-bedroom units: the greater of (1) maximum monthly rent of \$434.00 less the applicable Utility Allowance; or (2) the lesser of (a) 30% of 50% of monthly AMI for a household of 1.5 persons, less the applicable Utility Allowance or (b) the HUD Fair Market Rent for one-bedroom units, less the applicable Utility Allowance.

For 6 two-bedroom units: the greater of (1) maximum monthly rent of \$522.00 less the applicable Utility Allowance; or (2) the lesser of (a) 30% of 50% of monthly AMI for a household of 3 persons, less the applicable Utility Allowance or (b) the HUD Fair Market Rent for two-bedroom units, less the applicable Utility Allowance.

Subject to section 2.05, the following number and types of Units are restricted to families or individuals with an Annual Income of 45% or less of AMI and are subject to the following rent restrictions:

For 11 one-bedroom units: the greater of (1) maximum monthly rent of \$370.00 less the applicable Utility Allowance; or (2) the lesser of (a) 30% of 40% of monthly AMI for a household of 1.5 persons, less the applicable Utility Allowance or (b) the HUD Fair Market Rent for one-bedroom units, less the applicable Utility Allowance.

For 3 two-bedroom units: the greater of (1) maximum monthly rent of \$444.00 less the applicable Utility Allowance; or (2) the lesser of (a) 30% of 40% of monthly AMI for a household of 3 persons, less the applicable Utility Allowance or (b) the HUD Fair Market Rent for two-bedroom units, less the applicable Utility Allowance.

# Walker County

## Board of Assessors

P.O. Box 1604  
LaFayette, GA 30728  
706-638-4823

[Recent Sales in Area](#) | [Previous Parcel](#) | [Next Parcel](#) | [Field Definitions](#) | [Return to Main Search Page](#) | [Walker Home](#)

### Owner and Parcel Information

Owner Name	PROGRESSIVE LAFAYETTE INC	Today's Date	April 24, 2012
Mailing Address	C/O MARVIN F POER & COMPANY 3520 PIEDMONT ROD NE SUITE 410 ATLANTA, GA 30305	Parcel Number	1005 015
Location Address	N MAIN ST	Tax District	Lafayette (District 01)
Legal Description	PTL 315 8/4	2010 Millage Rate	24.8500
Property Class(NOTE: Not Zoning Info)	C3-Commercial	Acres	6.52
Zoning		Neighborhood	
		Homestead Exemption	No (\$0)
		Parcel Map	<a href="#">Show Parcel Map</a>

### 2011 Tax Year Value Information

Land Value	Improvement Value	Accessory Value	Total Value	Previous Value
\$ 33,240	\$ 1,330,120	\$ 11,675	\$ 1,375,035	\$ 1,375,035

### 2011 Assessment Notice

### Land Information

Type	Description	Calculation Method	Acres	Photo
RES	7011 - 6.51-7.00 (917)	Acres	6.52	NA

### Improvement Information

Description	Value	Actual Year Built	Effective Year Built	Square Feet	Wall Height	Wall Frames	Exterior Wall
OFFICE BUILDING / AVG.	\$ 70,880	1935	1982	1,768	8	WOOD	STONE
Roof Cover	Interior Walls	Floor Construction	Floor Finish	Ceiling Finish	Lighting	Heating	Sketch
ASHPHALT SHINGLES	PLASTER	OPEN WOOD JOISTS	CARPET/HARDWOOD	PLASTER	STANDARD RESIDENTIAL	CENTRAL AIR CONDITIONING	<a href="#">Sketch Building 1</a>
APT-MULTIPLE/AVERAGE	\$ 222,400	2003	1982	4,108	8	WOOD	VINYL SIDING
Roof Cover	Interior Walls	Floor Construction	Floor Finish	Ceiling Finish	Lighting	Heating	Sketch
ASHPHALT SHINGLES	SHEETROCK	CONCRETE ON GROUND	CARPET/TILE	SHEETROCK	STANDARD RESIDENTIAL	CENTRAL AIR CONDITIONING	<a href="#">Sketch Building 2</a>
APT-MULTIPLE/AVERAGE	\$ 603,200	2003	1982	6,812	8		VINYL SIDING
Roof Cover	Interior Walls	Floor Construction	Floor Finish	Ceiling Finish	Lighting	Heating	Sketch
ASHPHALT SHINGLES	SHEETROCK	CONCRETE ON GROUND	CARPET/TILE	SHEETROCK	STANDARD RESIDENTIAL	CENTRAL AIR CONDITIONING	<a href="#">Sketch Building 3</a>
APT-MULTIPLE/AVERAGE	\$ 433,640	2003	1982	6,968	8	WOOD	VINYL SIDING

Roof Cover	Interior Walls	Floor Construction	Floor Finish	Ceiling Finish	Lighting	Heating	Sketch
ASHPHALT SHINGLES	SHEETROCK	CONCRETE ON GROUND	CARPET/TILE	SHEETROCK	STANDARD RESIDENTIAL	CENTRAL AIR CONDITIONING	<u>Sketch Building 4</u>

### Accessory Information

Description	Year Built	Dimensions/Units	Value
PAVING, ASPHALT	2003	62x91 0	\$ 3,892
PAVING, ASPHALT	2003	47x125 0	\$ 3,891
PAVING, ASPHALT	2003	62x115 0	\$ 3,892

### Sale Information

Sale Date	Deed Book	Plat Page	Price	Reason	Grantor	Grantee
12-15-2000	1000 783		\$ 165,750	QUALIFIED - VACANT	SMITH, REBECCA A & ETAL	PROGRESSIVE, LAFAYETTE, INC
03-15-1995	759 467		\$ 0	SEE NOTES	SMITH, DERELLE BURNEY	SMITH, REBECCA A & ETAL
12-24-1990	643 708		\$ 0	SEE NOTES	SMITH, A REBECCA, MARCIA S	SMITH, DERELLE BURNEY
08-10-1989	613 543		\$ 0	SEE NOTES	SMITH, DERELLE BURNEY	SMITH, A REBECCA, MARCIA S
11-18-1977	438 302		\$ 0	SEE NOTES	BURNEY, MRS GRACE M	SMITH, DERELLE BURNEY
01-01-1972	131 111		\$ 0	SEE NOTES		BURNEY, MRS GRACE M

### Permit Information

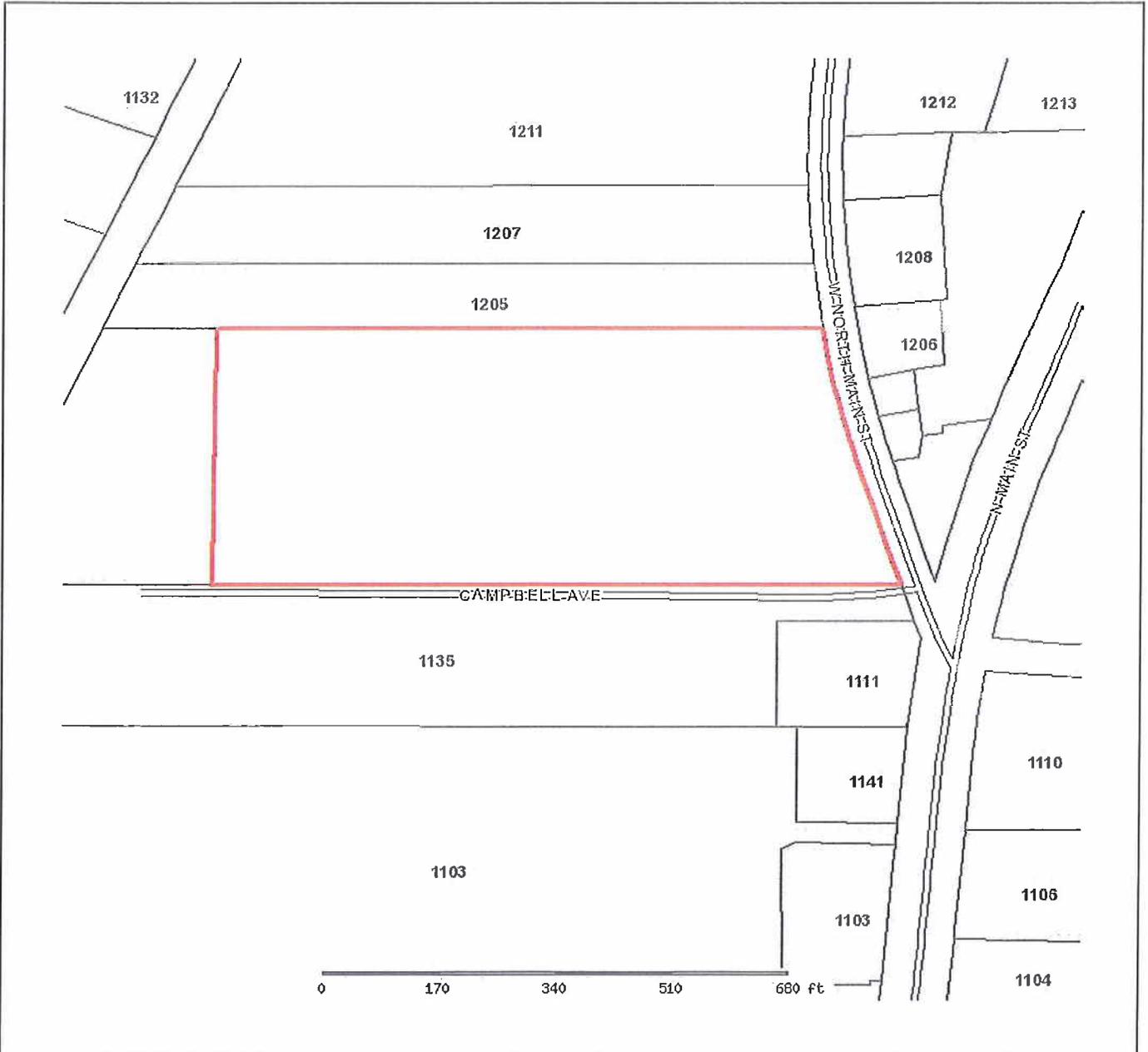
Permit Date	Permit Number	Type	Description
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No permit information associated with this parcel.

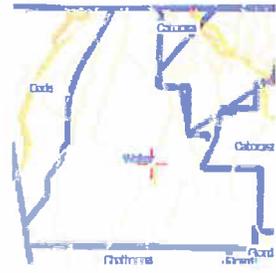
[Recent Sales in Area](#)   
 [Previous Parcel](#)   
 [Next Parcel](#)   
 [Field Definitions](#)   
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The Assessor's Office makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use or interpretation. The assessment information is from the last certified taxroll. All data is subject to change before the next certified taxroll. Website Updated: April 20, 2012

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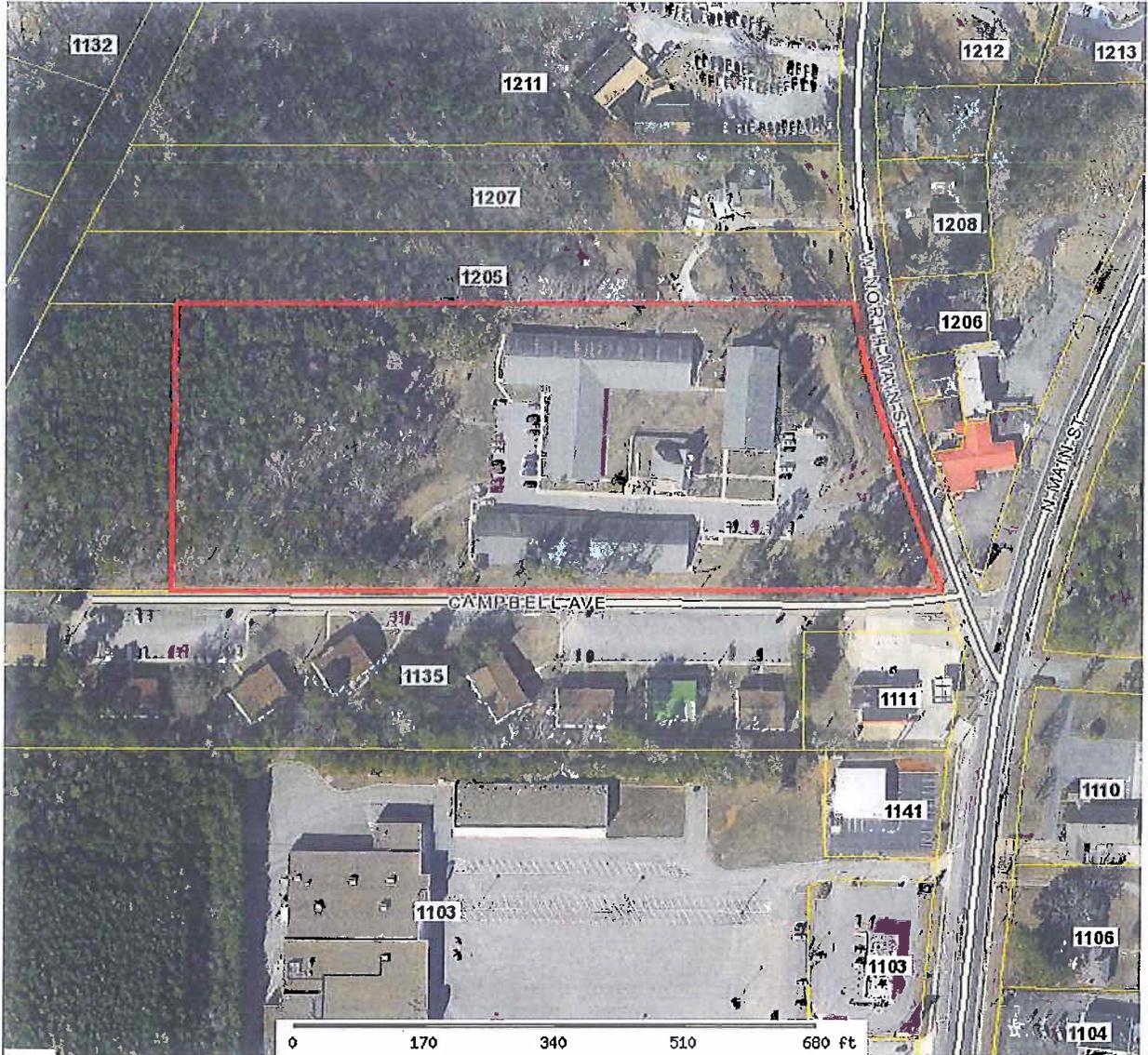


Walker County Assessor			
Parcel: 1005 015 Acres: 6.52			
Name:	PROGRESSIVE LAFAYETTE INC	Land Value	\$33,240.00
Site:	0 N MAIN ST	Building Value	\$1,330,120.00
Sale:	\$165,750 on 12-2000 Reason=LM Qual=Q	Misc Value	\$11,675.00
	C/O MARVIN F POER & COMPANY	Total Value:	\$1,375,035.00
Mail:	3520 PIEDMONT ROD NE SUITE 410		
	ATLANTA, GA 30305		

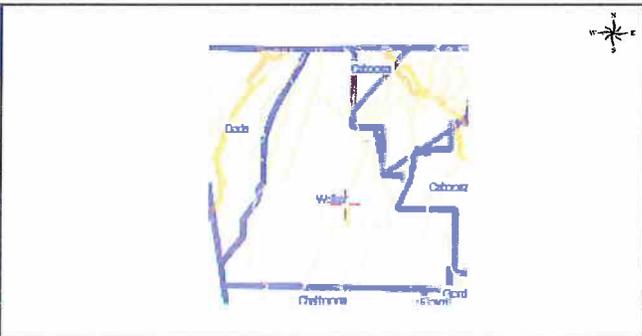


The Walker County Assessor's Office makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use or interpretation. The assessment information is from the last certified taxroll. All data is subject to change before the next certified taxroll. PLEASE NOTE THAT THE PROPERTY APPRAISER MAPS ARE FOR ASSESSMENT PURPOSES ONLY NEITHER WALKER COUNTY NOR ITS EMPLOYEES ASSUME RESPONSIBILITY FOR ERRORS OR OMISSIONS ---THIS IS NOT A SURVEY---

Date printed: 04/24/12 : 12:48:11



Walker County Assessor			
Parcel: 1005 015 Acres: 6.52			
Name:	PROGRESSIVE LAFAYETTE INC	Land Value	\$33,240.00
Site:	0 N MAIN ST	Building Value	\$1,330,120.00
Sale:	\$165,750 on 12-2000 Reason=LM Qual=Q	Misc Value	\$11,675.00
Mail:	C/O MARVIN F POER & COMPANY 3520 PIEDMONT ROD NE SUITE 410 ATLANTA, GA 30305	Total Value:	\$1,375,035.00



The Walker County Assessor's Office makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use or interpretation. The assessment information is from the last certified taxroll. All data is subject to change before the next certified taxroll. PLEASE NOTE THAT THE PROPERTY APPRAISER MAPS ARE FOR ASSESSMENT PURPOSES ONLY NEITHER WALKER COUNTY NOR ITS EMPLOYEES ASSUME RESPONSIBILITY FOR ERRORS OR OMISSIONS ---THIS IS NOT A SURVEY---

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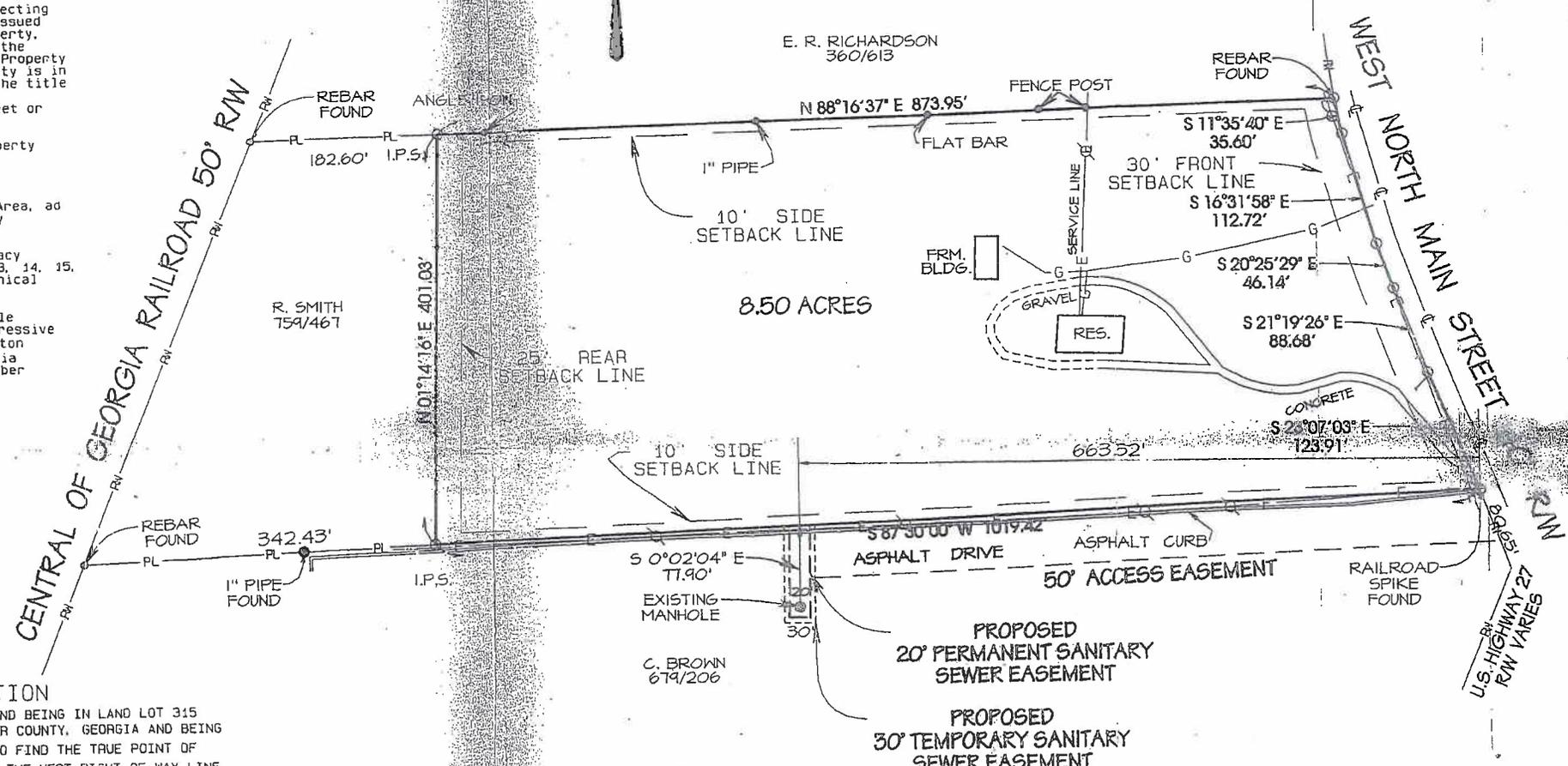
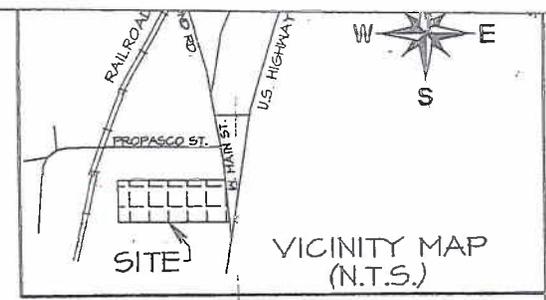
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TA/ACSM Land Title  
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last revised October

**DESCRIPTION**

OF LAND LYING AND BEING IN LAND LOT 315  
SECTION OF WALKER COUNTY, GEORGIA AND BEING  
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HIGH IS THE TRUE POINT OF BEGINNING.



R. SMITH  
759/467

E. R. RICHARDSON  
360/613

C. BROWN  
679/206

ALTA/ACSM SURVEY FOR  
GEORGIA HOUSING AND FINANCE

# APPENDIX E

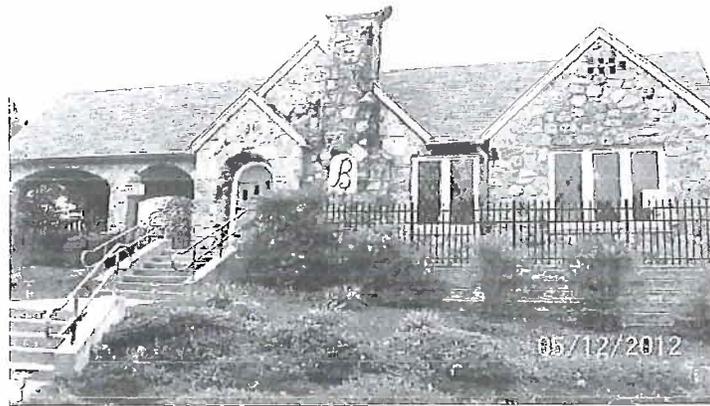
## Non-Scope Testing

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

## Lead-Based Paint Inspection And Visual Assessment Report

Survey Date: May 12, 2012  
GEC Project Number 120313.240

1201 North Main Street  
Lafayette, Georgia  
Year Built: 1935



### **Property Owner:**

Progressive Lafayette Inc.  
3520 Piedmont Road N.E., Suite 410  
Atlanta, Georgia 30305

### **Prepared For:**

Olympia Construction  
Attn: Butch Richardson  
P.O. Box 1909  
Albertville, Alabama 35950

### **Prepared By:**

Geotechnical & Environmental  
Consultants, Inc.  
514 Hillcrest Industrial Boulevard  
Macon, GA 31204  
(478) 757-1606

LEAD INSPECTOR: Todd K. Peterman  
GA LEAD RISK ASSESSOR # 50-CMB-0412-7897  
Expiration: February 24, 2013

**TABLE OF CONTENTS**

- I. Cover Letter**
- II. Executive Summary**
- III. Scope of Inspection**
  - A. Building Background
  - B. Preface
  - C. Training
  - D. Equipment
  - E. Inspection Company
  - F. Methods
  - G. Findings
  - H. Conclusions
  - I. Paint Stabilization Recommendations and Cost Estimate
- IV. Positive XRF Results**
- V. Floor Plans/Photo Log**
- VI. XRF Results**
- VII. License/Certifications**
- VIII. XRF Performance Characteristic Sheets (PCS)**
- IX. Glossary**

*Lead-Based Paint Inspection and Visual Assessment Report*  
*GEC Project No.: 120313.240*

June 7, 2012

Olympia Construction  
Attn: Butch Richardson  
P.O. Box 1909  
Albertville, Alabama 35950

Subject: Lead-Based Paint Inspection Report for  
Single Family Property Located at:  
**1201 North Main Street**  
**Lafayette, Georgia**

Dear Mr. Richardson:

Please find enclosed the lead inspection report for the single family home located at **1201 North Main Street, Lafayette, Georgia**. The XRF survey was performed within current acceptable industry guidelines – Housing and Urban Development (HUD) Guidelines Chapter 7 (Revised 1997) and Georgia Regulations.

Geotechnical & Environmental Consultants, Inc. conducted a lead paint inspection at the above-referenced site. The property is a single family home.

Geotechnical & Environmental Consultants, Inc. used a Niton XLP-303A X-ray fluorescence (XRF) lead paint analyzer to sample paint for lead. XRF Instrument serial #SN 7904 was used on this job.

Licensed Georgia Lead Inspector/Risk Assessor Todd K. Peterman (License No. GA 50 CMB 0412 7897, Expiration Date February 24, 2013) tested this site on May 12, 2012.

**Geotechnical & Environmental Consultants, Inc. has determined that there is lead-based paint in the property, and lead hazard reduction activities will be required.**

If you have any questions and/or comments, please contact us directly at (478) 757-1606.

Sincerely,

TODD K. PETERMAN  
GA Lead-Based Paint Inspector/Risk Assessor # 50 CMB 0412 7897

Enclosure

## II. EXECUTIVE SUMMARY

Geotechnical & Environmental Consultants, Inc. has been authorized to perform a lead based paint survey at the property located at **1201 North Main Street, Lafayette, Georgia**. Progressive Lafayette Inc., 1201 North Main Street, Lafayette, Georgia, owns the property. Mr. Todd K. Peterman, a Georgia Licensed Lead-Based Paint Inspector/Risk Assessor, who is employed by Geotechnical & Environmental Consultants, Inc, performed the inspection. The inspector tested all painted components according to the specifications described in the protocols for lead-based paint testing in the *Housing and Urban Development (HUD) Guidelines (Revised 1997) for the inspection of lead based paint – Chapter 7*. Additionally, all Federal, State and City Regulations governing the inspection of lead based paint for Georgia were followed. All fieldwork associated with the Lead inspection was performed on May 12, 2012 from 10:00 A.M. To 11:15 A.M. A total of Eight (8) room equivalents were tested with a total of one hundred six (106) XRF readings and nine (9) calibrations.

The survey of the painted components was performed using a Niton XLP-303A X-ray Fluorescence (XRF) meter. The data collected is in the section titled “XRF Results.” Wall “A” in each room is the wall where the front exterior door opening is located. Going clockwise and facing Wall “A”, Wall “B” is always to the right, Wall “C” directly to the rear and Wall “D” to the left.

In addition, a surface-by-surface visual inspection of all painted surfaces throughout the entire property was performed in conjunction with the XRF testing to determine which lead-based painted surfaces/components are deteriorated (above the de minimis level).

The home located at **1201 North Main Street, Lafayette, Georgia** is a single-story, occupied home that was reportedly constructed in 1935. The house has 2 rooms, a kitchen, a dining room, a living room, an office, and a bathroom. A simplified floor plan is included in section V. Lead based paint was discovered in the outside and the interior areas. Seven (7) XRF readings from the outside (door trim, windows, soffit, fascia, and trim) and two (2) XRF readings from the interior (kitchen window trim) tested positive for lead-based paint.

## III. SCOPE OF INSPECTION

### A. Building Background

The property located at **1201 North Main Street, Lafayette, Georgia** is a former single-family home used as an office and community room located at Woodland Village Apartment Complex. This property was reportedly built in 1935. GEC received verbal permission from the property manager before accessing the property, as the property is used as an office and is in the Department of Community Affairs application process.

**B. Preface**

Geotechnical & Environmental Consultants, Inc. has been contracted to perform lead-based paint testing of the above-referenced single family home to determine the possible presence, condition, location and amount of lead paint. The testing was conducted on **May 12, 2012**.

**C. Training**

The inspector utilized by Geotechnical & Environmental Consultants, Inc. has EPA/State licensure and is a licensed Lead Risk Assessor. The technicians utilized by Geotechnical & Environmental Consultants, Inc. are state accredited and have also been trained in the use, calibration and maintenance of the X-ray Fluorescence (XRF) equipment they currently use, along with necessary principles of Radiation Safety.

**D. Equipment**

XRF Instrument serial # SN 7904 was used on this job. The instrument was last serviced in **April 2012**. See Appendix VIII for XRF Performance Characteristic Sheets (PCS).

**E. Inspection Company**

The inspection was performed by an inspector/Risk Assessor employed by Geotechnical & Environmental Consultants, Inc., 514 Hillcrest Industrial Boulevard, Macon, GA 31204, (License number GA 10079930, and Expiration Date February 1, 2013). The company's telephone number is (478) 757-1606.

**F. Methods**

The calibration of the Niton XLP-303A is done in accordance with the Performance Characteristic Sheet (PCS) for this instrument. These XRF instruments are calibrated using the calibration standard block of known 1.0mg/cm<sup>2</sup> lead content. Three calibration readings are taken before and after each home is tested to insure manufacturer's standards are met. If for any reason the instrument is not maintaining a consistent calibration reading within the manufacturer's standards for performance on the calibration block supplied by the manufacturer, manufacturer's recommendations are used to bring the instrument into calibration. If the instrument cannot be brought back into calibration it is taken off the site and sent back to the manufacturer for repair and/or re-calibration.

**G. Findings**

This property is a single-family home. The Chapter 7 Single-Family Testing Rules were followed.

**Geotechnical & Environmental Consultants, Inc. determined that some of the components tested contain lead in amounts greater than or equal to 1.0mg/cm<sup>2</sup> in paint.**

*Lead-Based Paint Inspection and Visual Assessment Report*  
*GEC Project No.: 120313.240*

**Positive XRF Results**

Reading No	Time	Component	Substrate	Side	Condition	Color	Site	Inspector	Room	Results	PbC
2	5/12/2012 9:13				CALIBRATE		LAFAYETTE	TKP		Positive	1
3	5/12/2012 9:14				CALIBRATE		LAFAYETTE	TKP		Positive	1
4	5/12/2012 9:14				CALIBRATE		LAFAYETTE	TKP		Positive	1.3
5	5/12/2012 9:14				CALIBRATE		LAFAYETTE	TKP		Positive	1.1
63	5/12/2012 9:32	WINDOW	WOOD		INTACT	WHITE	LAFAYETTE	TKP	KITCHEN	Positive	2.9
65	5/12/2012 9:32	WINDOW	WOOD		INTACT	WHITE	LAFAYETTE	TKP	KITCHEN	Positive	3.8
87	5/12/2012 9:39	CEILING	WOOD		INTACT	GRAY	LAFAYETTE	TKP	OUTSIDE	Positive	3.6
88	5/12/2012 9:40	TRIM	WOOD		INTACT	GRAY	LAFAYETTE	TKP	OUTSIDE	Positive	1.6
94	5/12/2012 9:43	DOOR TRIM	WOOD		INTACT	WHITE	LAFAYETTE	TKP	OUTSIDE	Positive	2.6
95	5/12/2012 9:43	DOOR TRIM	WOOD		PEELING	WHITE	LAFAYETTE	TKP	OUTSIDE	Positive	4
97	5/12/2012 9:44	WINDOW	WOOD		PEELING	WHITE	LAFAYETTE	TKP	OUTSIDE	Positive	3.9
98	5/12/2012 9:46	WINDOW	WOOD		PEELING	WHITE	LAFAYETTE	TKP	OUTSIDE	Positive	1.8
102	5/12/2012 9:49	SOFFIT	WOOD		PEELING	YELLOW	LAFAYETTE	TKP	OUTSIDE	Positive	5.3
103	5/12/2012 9:51				CALIBRATE		LAFAYETTE	TKP		Positive	1.1
104	5/12/2012 9:52				CALIBRATE		LAFAYETTE	TKP		Positive	1
105	5/12/2012 9:53				CALIBRATE		LAFAYETTE	TKP		Positive	1.1

**H. Conclusions**

The components listed in Section IV were determined to be positive for lead paint, as defined by Environmental Protection Agency/Department of Housing and Urban Development (EPA/HUD) and the Georgia Department of Natural Resources Environmental Protection Division (EPD) as containing lead in concentrations greater than or equal to 1.0mg/cm<sup>2</sup>.

When evaluating this report, it is assumed (Chapter 7, HUD Guidelines), that **if one testing combination (ex: living room/window sill/wood) in an interior or exterior room equivalent is found to be positive for lead-based paint, then all other similar testing combinations in that room equivalent are also assumed to be positive for lead-based paint. The exception to this assumption is when 100% of the similar testing combinations in the room equivalent are tested. In addition, all testing combinations not tested are assumed to be positive for lead-based paint.**

This inspection is done in accordance with Lead Safe Housing Rule 24 CFR Part 25, subpart F as amended June 21, 2004. The sample results are presented in Section VI. The surface conditions varied from poor to intact at the time of inspection. In compliance with "HUD's Final Rule," you will need to reduce potential hazards by stabilizing all deteriorated lead-based paint in housing built before 1978, unless the property is exempt. Upon completion of paint stabilization activities, HUD requires a clearance examination to determine that paint stabilization efforts were performed adequately. Paint stabilization means to repair any defect in the substrate or any defect in a building component that is causing the paint deterioration and to remove all loose paint and other loose material from the surface to be treated utilizing lead-safe work practices, and to apply a new protective coating or paint.

**In general:**

Testing combinations found to be in “intact” condition require no action. They should, however, be inspected visually by a LBP professional on at least an annual basis for evidence of deterioration. Testing combinations found to be in “fair” or “poor” condition should at a minimum undergo paint film stabilization using lead-safe work practices. If these testing combinations are part of friction or impact surfaces (e.g., window assemblies and door assemblies), they should be removed and replaced rather than stabilized. This typically increases the cost per component or assembly by at least 50%.

The Final Rule specifies who can perform paint stabilization of deteriorated surfaces. A **certified lead paint abatement supervisor must either supervise the repair contractor, or successfully complete one of several courses approved by HUD.** A list of contractors who are under the supervision of a certified lead paint abatement supervisor can be located from the State or EPA Lead Control Office. Contractors who are also able to perform the work must be able to document that they have successfully completed a qualifying course.

Examples of such courses follow:

1. An accredited lead abatement supervisor course;
2. An accredited lead-based paint worker course;
3. “The Lead-Based Paint Maintenance Training Program” developed by the National Environmental Training Association for EPA and HUD;
4. “The Remodeler’s and Renovator’s Lead-Based Paint Training Program” prepared by HUD and the National Association of the Remodeling Industry (NARI); and
5. Any course approved by HUD after consultation with EPA for this purpose.

The management company will determine, with HUD, whether lead hazard reduction will be performed at the property.

A Clearance Examination will include a visual evaluation of all surfaces that were determined to be defective during the initial inspection, and collection of dust samples. It should be determined that the deteriorated paint surfaces have been eliminated and that no settled dust lead hazards exist in the dwelling or unit. A Certified/Licensed Lead Inspector/Risk Assessor must sign the clearance report.

Clearance testing will be performed on the homes that were determined to have deteriorated lead-based paint above the de minimis levels (2 square feet or 10% of a component with a small surface area, such as interior window sills, baseboards and trim or 20 square feet on exterior surfaces).

Some painted surfaces may contain levels of lead below 1.0mg/cm<sup>2</sup>; these components could create lead dust or lead contaminated soil hazards if the paint is turned into dust by abrasion, scraping or sanding. If conditions of intact paint surfaces become destabilized, these conditions will need to be addressed in the future. If any construction or modernization work is done on the premises, this report should be given to the contractors as well as the tenants.

If the lead evaluation results indicate the presence of lead-based paint, the prospective owner may wish to obtain, at the prospective owner’s expense, additional services of a lead-based paint inspector or risk

assessor, certified for the State in which the property is located, to help understand the positive results. This person would review this report and may re-evaluate any areas in question and/or additional areas. Interpretations and possible actions may vary when only a few readings indicate the presence of lead-based paint.

#### **I. Paint Stabilization Recommendations and Cost Estimate**

A visual risk assessment was conducted to determine the presence of lead-based paint hazards based on condition and location of lead-based paint. "Hazardous lead-based paint" means lead-based paint that is present on a friction surface where there is evidence of abrasion, lead-based paint that is present on an impact surface that is damaged or otherwise deteriorated from impact, lead-paint that is present on a chewable surface, or any other deteriorated lead-based paint in any residential building or on the exterior of any residential building.

##### **A) Deteriorated Lead-Based Paint – Stabilization Actions required**

- Stabilize or replace all paint on the exterior trim including door trim, soffits, fascia, that is positive and reevaluated annually.
- Remove and replace or chemical strip (Onsite or offsite) all window units. (Approximately 18 units)
- Remove and replace interior kitchen window trim.
- Stabilize and encapsulate all exterior wood that contains LBP indicated by the drawings with a HUD approved LBP encapsulates by a certified LBP contractor licensed in the State of Georgia.

B) Estimated cost of abatement and stabilization of lead based paint components are from \$8,000.00 to \$12,000.00 for the stabilization and/or replacement and encapsulation of all the positive LBP wooden components.

This cost is estimated on the size of home and area industry standards.

##### **C) Hazard Control Method Standard Reevaluation Schedule and Type of Reevaluation**

Replacement and encapsulation of lead-based paint covered components by a Certified Lead-Based Paint abatement contractor licensed in the State of Georgia. Visual examinations annually and whenever information indicates a possible problem.

**Reevaluate after stabilization with final clearance testing.**

All recommendations, findings, and conclusions stated in this report are based upon facts and circumstances, as they existed at the time of the inspection and at the time that this report was prepared.

Quantities are approximate. Contractor shall field verify amount/size of lead-based paint components/surfaces. Actual costs may be substantially higher.

#### IV. POSITIVE XRF RESULTS

**Interior:**

**Geotechnical & Environmental Consultants, Inc. determined that inside kitchen window trim tested positive for lead-based paint.**

**Exterior:**

**Geotechnical & Environmental Consultants, Inc. determined that windows/trim; door trim, ceiling, soffit, fascia, and exterior trim, tested positive for lead-based paint.**

*Lead-Based Paint Inspection and Visual Assessment Report*  
*GEC Project No.: 120313.240*

**Positive XRF Results**

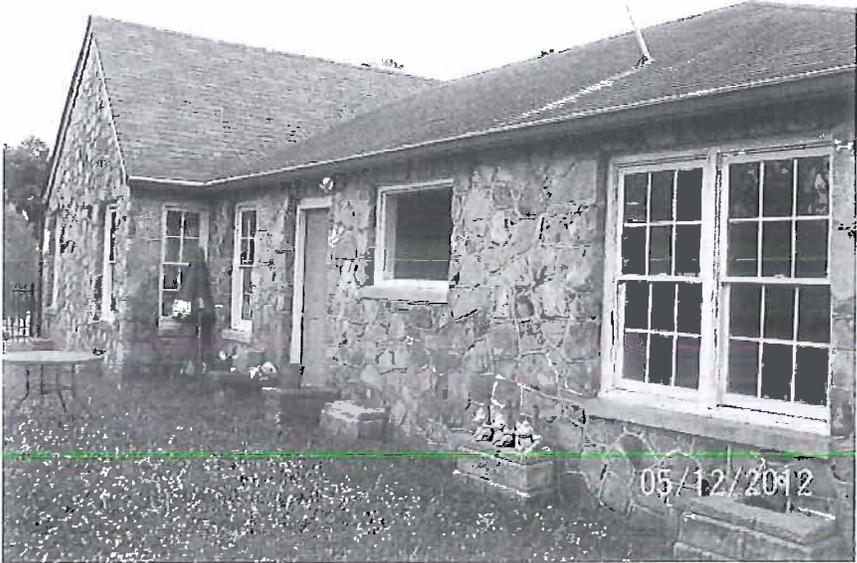
Reading No	Time	Component	Substrate	Side	Condition	Color	Site	Inspector	Room	Results	PbC
2	5/12/2012 9:13				CALIBRATE		LAFAYETTE;TKP			Positive	1
3	5/12/2012 9:14				CALIBRATE		LAFAYETTE;TKP			Positive	1
4	5/12/2012 9:14				CALIBRATE		LAFAYETTE;TKP			Positive	1.3
5	5/12/2012 9:14				CALIBRATE		LAFAYETTE;TKP			Positive	1.1
63	5/12/2012 9:32	WINDOW	WOOD		INTACT	WHITE	LAFAYETTE;TKP		KITCHEN	Positive	2.9
65	5/12/2012 9:32	WINDOW	WOOD		INTACT	WHITE	LAFAYETTE;TKP		KITCHEN	Positive	3.8
87	5/12/2012 9:39	CEILING	WOOD		INTACT	GRAY	LAFAYETTE;TKP		OUTSIDE	Positive	3.6
88	5/12/2012 9:40	TRIM	WOOD		INTACT	GRAY	LAFAYETTE;TKP		OUTSIDE	Positive	1.6
94	5/12/2012 9:43	DOOR TRIM	WOOD		INTACT	WHITE	LAFAYETTE;TKP		OUTSIDE	Positive	2.6
95	5/12/2012 9:43	DOOR TRIM	WOOD		PEELING	WHITE	LAFAYETTE;TKP		OUTSIDE	Positive	4
97	5/12/2012 9:44	WINDOW	WOOD		PEELING	WHITE	LAFAYETTE;TKP		OUTSIDE	Positive	3.9
98	5/12/2012 9:46	WINDOW	WOOD		PEELING	WHITE	LAFAYETTE;TKP		OUTSIDE	Positive	1.8
102	5/12/2012 9:49	SOFFIT	WOOD		PEELING	YELLOW	LAFAYETTE;TKP		OUTSIDE	Positive	5.3
103	5/12/2012 9:51				CALIBRATE		LAFAYETTE;TKP			Positive	1.1
104	5/12/2012 9:52				CALIBRATE		LAFAYETTE;TKP			Positive	1
105	5/12/2012 9:53				CALIBRATE		LAFAYETTE;TKP			Positive	1.1

**V. Floor Plans/Photo Log**

**PHOTOGRAPH SHEET**

	REMARKS
	SIDE A
	SIDE B

**PHOTOGRAPH SHEET**

	REMARKS
 A black and white photograph showing the side of a single-story stone house. The house has a gabled roof and a prominent stone wall. A ramp with a metal handrail runs along the side of the house. A date stamp '05/12/2012' is visible in the bottom right corner of the photo.	SIDE C
 A black and white photograph showing another side of the stone house. It features a large multi-paned window and a door. A date stamp '05/12/2012' is visible in the bottom right corner of the photo.	SIDE D

**PHOTOGRAPH SHEET**

	REMARKS
 <p>A black and white photograph showing the interior of a window. The window is dark, and the trim is visible. A date stamp '05/12/2012' is in the bottom right corner. A metal fence is visible through the window on the left.</p>	<p><b>Interior window trim positive for LBP</b></p>
 <p>A black and white photograph of an exterior window with a diamond-patterned glass. The window is set in a stone wall. The trim is white and appears worn. A date stamp '05' is in the bottom right corner.</p>	<p><b>Exterior deteriorated windows and trim positive for LBP.</b></p>

**PHOTOGRAPH SHEET**

	<b>REMARKS</b>
	<p><b>Porch ceilings positive for LBP</b></p>
	<p><b>Exterior trim (Soffit and fascia included) positive for LBP.</b></p>

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Start Time: 10:00 A.M.  
End Time: 11:15 A.M.

Build Date: 1935  
1,768 Sq. Ft.

\*Red indicates positive for LBP.



DCA House on Woodlands Village I & II

Owner: Progressive Lafayette Inc.

## VI. XRF Result

Reading No	Time	Component	Substrate	Side	Condition	Color	Site	Insp. Room	Results	PbC
1	5/12/2012 9:12									6.6
2	5/12/2012 9:13			CALIBRATE			LAFAYETTE	TKP	Positive	1
3	5/12/2012 9:14			CALIBRATE			LAFAYETTE	TKP	Positive	1
4	5/12/2012 9:14			CALIBRATE			LAFAYETTE	TKP	Positive	1.3
5	5/12/2012 9:14			CALIBRATE			LAFAYETTE	TKP	Positive	1.1
6	5/12/2012 9:19	WALL	PLASTER		INTACT	YELLOW	LAFAYETTE	TKP LIVING ROOM	Negative	0
7	5/12/2012 9:19	WALL	PLASTER		INTACT	YELLOW	LAFAYETTE	TKP LIVING ROOM	Negative	0
8	5/12/2012 9:19	WALL	PLASTER		INTACT	YELLOW	LAFAYETTE	TKP LIVING ROOM	Negative	0.02
9	5/12/2012 9:19	WALL	PLASTER		INTACT	YELLOW	LAFAYETTE	TKP LIVING ROOM	Negative	0
10	5/12/2012 9:20	CEILING	DRYWALL		INTACT	WHITE	LAFAYETTE	TKP LIVING ROOM	Negative	0.03
11	5/12/2012 9:20	BASEBOARD	WOOD		INTACT	WHITE	LAFAYETTE	TKP LIVING ROOM	Negative	0.3
12	5/12/2012 9:20	BASEBOARD	WOOD		INTACT	WHITE	LAFAYETTE	TKP LIVING ROOM	Negative	0.24
13	5/12/2012 9:20	BASEBOARD	WOOD		INTACT	WHITE	LAFAYETTE	TKP LIVING ROOM	Negative	0.23
14	5/12/2012 9:21	BASEBOARD	WOOD		INTACT	WHITE	LAFAYETTE	TKP LIVING ROOM	Negative	0.3
15	5/12/2012 9:21	WINDOW	WOOD		INTACT	WHITE	LAFAYETTE	TKP LIVING ROOM	Negative	0.19
16	5/12/2012 9:21	WINDOW	WOOD		INTACT	WHITE	LAFAYETTE	TKP LIVING ROOM	Negative	0.3
17	5/12/2012 9:21	WINDOW	WOOD		INTACT	WHITE	LAFAYETTE	TKP LIVING ROOM	Negative	0.2
18	5/12/2012 9:21	DOOR	WOOD		INTACT	WHITE	LAFAYETTE	TKP LIVING ROOM	Negative	0.25
19	5/12/2012 9:22	DOOR	WOOD		INTACT	WHITE	LAFAYETTE	TKP LIVING ROOM	Negative	0
20	5/12/2012 9:22	DOOR	WOOD		INTACT	WHITE	LAFAYETTE	TKP LIVING ROOM	Negative	0.4
21	5/12/2012 9:22	FIREPLACE	WOOD		INTACT	WHITE	LAFAYETTE	TKP LIVING ROOM	Negative	0.18
22	5/12/2012 9:22	FIREPLACE	WOOD		INTACT	WHITE	LAFAYETTE	TKP LIVING ROOM	Negative	0.4
23	5/12/2012 9:23	DOOR	WOOD		INTACT	WHITE	LAFAYETTE	TKP OFFICE	Negative	0
24	5/12/2012 9:23	DOOR	WOOD		INTACT	WHITE	LAFAYETTE	TKP OFFICE	Negative	0
25	5/12/2012 9:23	DOOR	WOOD		INTACT	WHITE	LAFAYETTE	TKP OFFICE	Negative	0.4
26	5/12/2012 9:23	DOOR	WOOD		INTACT	WHITE	LAFAYETTE	TKP OFFICE	Negative	0.09
27	5/12/2012 9:24	WINDOW	WOOD		INTACT	WHITE	LAFAYETTE	TKP OFFICE	Negative	0.09
28	5/12/2012 9:24	WINDOW	WOOD		INTACT	WHITE	LAFAYETTE	TKP OFFICE	Negative	0.4
29	5/12/2012 9:24	WALL	WOOD		INTACT	YELLOW	LAFAYETTE	TKP OFFICE	Negative	0
30	5/12/2012 9:24	WALL	WOOD		INTACT	YELLOW	LAFAYETTE	TKP OFFICE	Negative	0
31	5/12/2012 9:24	WALL	WOOD		INTACT	YELLOW	LAFAYETTE	TKP OFFICE	Negative	0
32	5/12/2012 9:25	WALL	WOOD		INTACT	YELLOW	LAFAYETTE	TKP OFFICE	Negative	0
33	5/12/2012 9:25	BASEBOARD	WOOD		INTACT	WHITE	LAFAYETTE	TKP OFFICE	Negative	0.11
34	5/12/2012 9:25	BASEBOARD	WOOD		INTACT	WHITE	LAFAYETTE	TKP OFFICE	Negative	0.12
35	5/12/2012 9:25	BASEBOARD	WOOD		INTACT	WHITE	LAFAYETTE	TKP BATHROOM	Negative	0
36	5/12/2012 9:26	BASEBOARD	WOOD		INTACT	WHITE	LAFAYETTE	TKP BATHROOM	Negative	0

37	5/12/2012 9:26	BASEBOARD	WOOD	INTACT	WHITE	LAFAYETTE TKP	BATHROOM	Negative	0
38	5/12/2012 9:26	BASEBOARD	WOOD	INTACT	WHITE	LAFAYETTE TKP	BATHROOM	Negative	0
39	5/12/2012 9:26	DOOR	WOOD	INTACT	WHITE	LAFAYETTE TKP	BATHROOM	Negative	0.14
40	5/12/2012 9:26	DOOR	WOOD	INTACT	WHITE	LAFAYETTE TKP	BATHROOM	Negative	0.25
41	5/12/2012 9:26	DOOR	WOOD	INTACT	WHITE	LAFAYETTE TKP	BATHROOM	Negative	0
42	5/12/2012 9:26	DOOR	WOOD	INTACT	WHITE	LAFAYETTE TKP	BATHROOM	Null	0
43	5/12/2012 9:27	DOOR	WOOD	INTACT	WHITE	LAFAYETTE TKP	BATHROOM	Negative	0
44	5/12/2012 9:27	WINDOW	WOOD	INTACT	WHITE	LAFAYETTE TKP	BATHROOM	Negative	0.08
45	5/12/2012 9:27	WINDOW	WOOD	INTACT	WHITE	LAFAYETTE TKP	BATHROOM	Negative	0.02
46	5/12/2012 9:28	WALL	PLASTER	INTACT	WHITE	LAFAYETTE TKP		1 Negative	0
47	5/12/2012 9:28	WALL	PLASTER	INTACT	WHITE	LAFAYETTE TKP		1 Negative	0.02
48	5/12/2012 9:29	WALL	PLASTER	INTACT	WHITE	LAFAYETTE TKP		1 Negative	0
49	5/12/2012 9:29	WALL	PLASTER	INTACT	WHITE	LAFAYETTE TKP		1 Negative	0
50	5/12/2012 9:29	WALL	DRYWALL	INTACT	WHITE	LAFAYETTE TKP		1 Negative	0.25
51	5/12/2012 9:30	BASEBOARD	DRYWALL	INTACT	WHITE	LAFAYETTE TKP		1 Negative	0.2
52	5/12/2012 9:30	BASEBOARD	DRYWALL	INTACT	WHITE	LAFAYETTE TKP		1 Negative	0
53	5/12/2012 9:30	BASEBOARD	DRYWALL	INTACT	WHITE	LAFAYETTE TKP		1 Negative	0.02
54	5/12/2012 9:30	BASEBOARD	DRYWALL	INTACT	WHITE	LAFAYETTE TKP		2 Negative	0
55	5/12/2012 9:31	BASEBOARD	DRYWALL	INTACT	WHITE	LAFAYETTE TKP		2 Negative	0.3
56	5/12/2012 9:31	BASEBOARD	DRYWALL	INTACT	WHITE	LAFAYETTE TKP		2 Negative	0.09
57	5/12/2012 9:31	BASEBOARD	DRYWALL	INTACT	WHITE	LAFAYETTE TKP		2 Negative	0
58	5/12/2012 9:31	WINDOW	WOOD	INTACT	WHITE	LAFAYETTE TKP		2 Negative	0.17
59	5/12/2012 9:31	WINDOW	WOOD	INTACT	WHITE	LAFAYETTE TKP		2 Negative	0.01
60	5/12/2012 9:31	WINDOW	WOOD	INTACT	WHITE	LAFAYETTE TKP		2 Negative	0
61	5/12/2012 9:32	WINDOW	WOOD	INTACT	WHITE	LAFAYETTE TKP	KITCHEN	Negative	0
62	5/12/2012 9:32	WINDOW	WOOD	INTACT	WHITE	LAFAYETTE TKP	KITCHEN	Negative	0
63	5/12/2012 9:32	WINDOW	WOOD	INTACT	WHITE	LAFAYETTE TKP	KITCHEN	Positive	2.9
64	5/12/2012 9:32	WINDOW	WOOD	INTACT	WHITE	LAFAYETTE TKP	KITCHEN	Negative	0.23
65	5/12/2012 9:32	WINDOW	WOOD	INTACT	WHITE	LAFAYETTE TKP	KITCHEN	Positive	3.8
66	5/12/2012 9:33	WINDOW	WOOD	INTACT	WHITE	LAFAYETTE TKP	KITCHEN	Negative	0
67	5/12/2012 9:33	DOOR	WOOD	INTACT	WHITE	LAFAYETTE TKP	KITCHEN	Negative	0.3
68	5/12/2012 9:33	DOOR	WOOD	INTACT	WHITE	LAFAYETTE TKP	KITCHEN	Negative	0.13
69	5/12/2012 9:33	DOOR	WOOD	INTACT	WHITE	LAFAYETTE TKP	KITCHEN	Negative	0
70	5/12/2012 9:34	DOOR	WOOD	INTACT	WHITE	LAFAYETTE TKP	DIMING	Negative	0.4
71	5/12/2012 9:34	DOOR	WOOD	INTACT	WHITE	LAFAYETTE TKP	DIMING	Negative	0.3
72	5/12/2012 9:35	WINDOW	WOOD	INTACT	WHITE	LAFAYETTE TKP	DIMING	Negative	0.16
73	5/12/2012 9:35	WINDOW	WOOD	INTACT	WHITE	LAFAYETTE TKP	DIMING	Negative	0.14



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## VII. License/Certifications

05/27/2010 THU 17:00 FAX 404 362 2653 RPD Radiation Programs

002/008

### Georgia Department of Natural Resources

4220 International Parkway, Suite 100, Atlanta, Georgia 30354

Chris Clark, Commissioner  
 Environmental Protection Division  
 F. Allen Barnes, Director  
 404-362-2675

#### RADIOACTIVE MATERIALS PROGRAM GEORGIA RADIOACTIVE MATERIALS LICENSE

Pursuant to the Georgia Radiation Control Act O.C.G.A. 31-13 (H.B. 947) 1990 and the Georgia Department of Natural Resources Rules and Regulations, designated Chapter 391-3-17, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to transfer, receive, possess, and use the radioactive material(s) designated below; and to use such radioactive materials for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules and regulations of the Georgia Department of Natural Resources and orders issued by the Department, now or hereafter in effect, and to any condition specified below.

Page 1 of 6 Pages  
 License Number GA 1388-1  
 Amendment Number .09

<p><b>License (1. Name and 2. Address)</b></p> <p>Geotechnical &amp; Environmental Consultants, Inc.          514 Hillcrest Industrial Boulevards          Macon, Georgia 31204-3472</p>	<p>3.</p> <p>4.</p> <p>5.</p>	<p>In accordance with letter dated December 29, 2009, License Number GA 1388-1 is renewed in its entirety to read as follows:</p> <p>Expiration Date: December 31, 2014</p> <p>Telephone Number: 478-757-1606          Facsimile Number: 478-757-1608</p>
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6. RADIOACTIVE MATERIAL (ELEMENT AND MASS NUMBER)	7. CHEMICAL AND/OR PHYSICAL FORM	8. MAXIMUM QUANTITY LICENSEE MAY POSSESS AT ANY ONE TIME
A. Cesium-137	A. Sealed Source (Model number or Models which are registered in accordance with Rule 391-3-17.02(11)(i) or equivalent regulations of the US NRC or another Agreement State)	A. 13 sources, no single source to exceed 9 millicuries
B. Americium-241:Be	B. Sealed Source (Model number or Models which are registered in accordance with Rule 391-3-17.02(11)(i) or equivalent regulations of the US NRC or another Agreement State)	B. 13 sources, no single source to exceed 44 millicuries
C. Americium-241:Be	C. Sealed Source (Model number or Models which are registered in accordance with Rule 391-3-17.02(11)(i) or equivalent regulations of the	C. 1 sources, no single source to exceed 100 millicuries

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6. RADIOACTIVE MATERIAL (ELEMENT AND MASS NUMBER)	7. CHEMICAL AND/OR PHYSICAL FORM	8. MAXIMUM QUANTITY LICENSEE MAY POSSESS AT ANY ONE TIME
D. Cesium-137	US NRC or another Agreement State)  D. Sealed Source (Model number or Models which are registered in accordance with Rule 391-3-17.02(11)(I) or equivalent regulations of the US NRC or another Agreement State)	D. 2 sources, no single source to exceed 10 millicuries
E. Americium 241:Be	E. Sealed Source (Model number or Models which are registered in accordance with Rule 391-3-17.02(11)(I) or equivalent regulations of the US NRC or another Agreement State)	E. 2 source, no single source to exceed 50 millicuries
F. Cesium-137	F. Sealed Source (Model number or Models which are registered in accordance with Rule 391-3-17.02(11)(I) or equivalent regulations of the US NRC or another Agreement State)	F. 3 sources, no single source to exceed 11 millicuries
G. Americium 241:Be	G. Sealed Source (Model number or Models which are registered in accordance with Rule 391-3-17.02(11)(I) or equivalent regulations of the US NRC or another Agreement State)	G. 3 sources, no single source to exceed 44 millicuries
H. Cadmium-109	H. Sealed Source (Model number or Models which are registered in accordance with Rule 391-3-17.02(11)(I) or equivalent regulations of the	H. 1 Source, no single source to exceed 50 millicuries

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- |   |                                  |  |
|---|----------------------------------|--|
| 6. RADIOACTIVE MATERIAL (ELEMENT AND MASS NUMBER) | 7. CHEMICAL AND/OR PHYSICAL FORM | 8. MAXIMUM QUANTITY LICENSEE MAY POSSESS AT ANY ONE TIME |
|---|----------------------------------|--|

US NRC or another Agreement State)

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9. AUTHORIZED USE

- A. and B. For use in Troxler Electronic Laboratories, Inc. Models 3430, 3440, and 3411-B gauges to determine moisture and density of construction materials.
- C. For use in CPN International, Inc. Model AC-2R devices to determine moisture and density of construction materials.
- D. and E. For use in International, Inc. MC Series devices to determine moisture and density of construction materials.
- F. and G. Humboldt Scientific Inc. Model 5001 P and 5001 EZ devices to determine moisture and density of construction materials.
- H. For use in Thermo Niton Analyzer, LLC Model XLP series X-Ray Fluorescence device to detect lead-based paint, dust wipe, and soil analysis.

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CONDITIONS

- 10. Radioactive material shall be stored at 514 Hillcrest Industrial Boulevard, Macon, Georgia 31204, and at 5031 Milgen Court Columbus, Georgia 31907, and at 318 New Airport Road LaGrange, Georgia 30240. Radioactive material may be used only at temporary job sites of the licensee anywhere in the State of Georgia. This condition does not prohibit use in other Agreement States and States under the jurisdiction of the U.S. Nuclear Regulatory Commission under reciprocity procedures that may be established by an Agreement State or the U.S. Nuclear Regulatory Commission.
- 11. The licensee shall comply with the provisions of Georgia Department of Natural Resources Rule 391-3-17-.03, "Standards for Protection Against Radiation. Amended.", Rule 391-3-17-.06, "Transportation of Radioactive Material. Amended.", and Rule 391-3-17-.07, "Notices, Instructions and Reports to Workers: Inspections. Amended."
- 12. In accordance with DNR Board Policy adopted May 28, 2003 the fees associated with this license, fee category, C. 11, are:

*Lead-Based Paint Inspection and Visual Assessment Report*  
*GEC Project No.: 120313.240*

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**Georgia Department of Natural Resources**  
Radioactive Materials License  
Supplementary Sheet

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Conditions (continued)

Application Fee	\$ 500.00	Annual Fee	\$1000.00
Amendment Fee	\$ 380.00	Non-routine Inspection Fee	\$1200.00

Checks for the fees should be made payable to the Department of Natural Resources, Radioactive Materials Program, and mailed to the following address:

Radioactive Materials Fees  
P. O. Box 101161  
Atlanta, GA 30392

Mail license applications, amendment, and renewal requests the same day as the check to the following address:

Radioactive Materials Program  
4220 International Parkway, Suite 100  
Atlanta, GA 30354

Annual fees are billed by the Department at the beginning of each fiscal year.

13. The Radiation Safety Officer in this program shall be Jerry B. Williams.
14. Licensed material shall be used by, or under the supervision of Jerry B. Williams, or by individuals, who have successfully completed the manufacturer's training program, have received copies of the licensee's operating and emergency procedures, and have been designated by the Radiation Safety Officer. Records/Certificates shall be maintained for Department inspection.
15. Each portable gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage, or when not under the direct surveillance of an authorized use.
16. Except for maintaining labeling as required by 391-3-17.-03, the licensee shall obtain authorization from the Department before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the Sealed Source Registry issued either by the Department, an Agreement State or the Nuclear Regulatory Commission.
17. Maintenance or repair of portable devices involving removal of sealed sources from the devices or removal or dismantling of shielding may be performed only by the device manufacturer, or by

*Lead-Based Paint Inspection and Visual Assessment Report*  
*GEC Project No.: 120313.240*

05/27/2010 THU 17:01 FAX 404 362 2653 EPD Radiation Programs

006/008

**Georgia Department of Natural Resources**  
Radioactive Materials License  
Supplementary Sheet

Page 5 of 6 Pages  
License Number GA 1388-1  
Amendment Number .09

Conditions (continued)

- persons specifically authorized by the Department, Agreement States, or the U.S. Nuclear Regulatory Commission to perform such services.
18. Sealed sources containing radioactive material shall not be opened or removed from their respective source holders by the licensee.
  19. The licensee shall conduct a physical inventory every 6 months to account for all licensed material received and possessed under this license. The records of inventories shall be maintained for inspection by the Department and shall include the quantities and kinds of radioactive material, the manufacturer, model and serial number, location of sealed sources, and the date and name of the individual performing the inventory.
  20. The licensee shall perform required tests for leakage or contamination at intervals not to exceed six (6) months in accordance with Rule 391-3-17-.03(6). Analysis of the tests shall be performed by persons specifically authorized by the Department, the U.S. Nuclear Regulatory Commission, or an Agreement State to perform such services.
  21. The licensee shall maintain a current utilization log which shall be kept available for inspection by the Department, for three years from the date of the recorded event, showing for each sealed source the following information:
    - A. A unique identification, such as a serial number, for each portable gauge in which a sealed source is located;
    - B. The identity of the individual to whom assigned;
    - C. Locations where used and dates of use; and
    - D. The date(s) each source is removed from storage and returned to storage
  22. The licensee shall notify the Radioactive Materials Program, Georgia Department of Natural Resources, of each operation conducted under the license at a location other than that specified in item 2 above when such operation continues for more than 60 days. The licensee shall also notify this office upon cessation of such operation.
  23. The licensee shall not vacate or release to unrestricted use a field office or storage location whose address is identified in condition 10, without prior Department approval.
  24. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with statements, representations, and procedures contained in the documents, including any enclosures listed below:

*Lead-Based Paint Inspection and Visual Assessment Report*  
*GEC Project No.: 120313.240*

05/27/2010 THU 17:01 FAX 404 362 2653 EPD Radiation Programs

007/008

**Georgia Department of Natural Resources**  
Radioactive Materials License  
Supplementary Sheet

Page 6 of 6 Pages  
License Number GA 1388-1  
Amendment Number .09

Conditions (continued)

- A. Application with attachments dated December 29, 2009, and signed by Jerry B. Williams, RSO.
- B. Letter with attachments dated April 22, 2010, and signed by Jerry B. Williams, RSO.

The Georgia Department of Natural Resources' regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the Regulations.

FOR THE DEPARTMENT OF NATURAL RESOURCES

Date: May 17, 2010

BY

  
Cynthia Sanders  
Environmental Health Protection Manager

# Certificate of Achievement

*Todd Peterman*

*Geotechnical & Environmental Consultants*

*Has successfully completed the  
Thermo Fisher Scientific NITON Analyzers Manufacturer's Training Course  
and is now certified in radiation safety and monitoring, device operation,  
and machine maintenance of the NITON XRF Analyzer.*

*Certificate issued by Thermo Fisher Scientific NITON Analyzers  
(CIH's - The ABIH Awards 1 CM point, approval # 07-1596)*

ThermoFisher  
SCIENTIFIC



*Walter Grogan*

Training Coordinator

*Kenneth P. Spinks*

Director of Training

00v3000000DpFir

Certificate Number

2007 Nov 27 / Macon, GA

Date & Site of Course

*Lead-Based Paint Inspection and Visual Assessment Report  
GEC Project No.: 120313.240*



*Georgia Environmental Protection Division  
Lead-Based Paint Certified Firm License*



Judson H. Turner, Director  
4244 International Parkway, Suite 104  
Atlanta, Georgia 30354

*This Is To Certify That*

*Geotechnical & Environmental Consultants, Inc.*

Thomas Driver

*Owner/President*

*Having Satisfied the Requirements of The Georgia Lead Poisoning Prevention Act, O.C.G.A. 31-41-1, et seq and the Rules for Lead-Based Paint Hazard Management, Chapter 391-3-24, The Above Referenced Firm is Hereby Certified To Perform Lead-Based Paint Activities in the State of Georgia. This License May Be Subject to Revocation, Suspension, or Modification by the Director for Cause Including Evidence of Noncompliance or For Any Misrepresentation Made in the Application, Supporting Data or Subsequent Submittals Entered Therein or Attached Thereto, or Failed to Maintain Required Records. The Certification Holder Agrees to Use Only Georgia Certified Individuals When Conducting Georgia Regulated Lead-Based Paint Activities Granted By This License.*

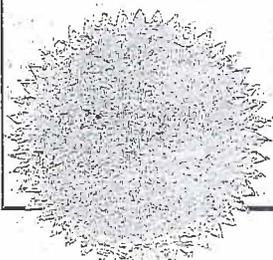
<i>Issue Date</i>	<i>Expiration Date</i>
2/1/2012	2/1/2013

*Georgia Lead Firm License Number*

10 0799 30

Mindy Crean, Program Manager  
Lead-Based Paint and Asbestos Program  
(404) 363-7026

Issued By: Aljosie Larkins



*Lead-Based Paint Inspection and Visual Assessment Report  
GEC Project No.: 120313.240*

*Lead-Based Paint Inspection and Visual Assessment Report  
GEC Project No.: 120313.240*

**Georgia Environmental Protection Division**



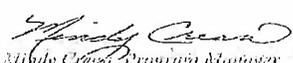
**Lead-Based Paint and Asbestos Program**

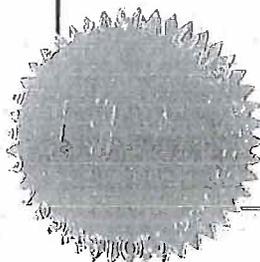
Certification, Accreditation, Licensing Unit

Judson H. Turner, Director  
4244 International Parkway, Suite 104  
Atlanta, Georgia 30354



Can Certify To Conduct Georgia Regulated Lead-Based Paint Activities

<b>Discipline Certification Type</b> Combined Inspector/Risk Assessor			
<b>Certification Number</b> 50 CMB 0412 7897			
<b>Issued To:</b> Todd K Peterman			
<b>Gender</b> Male	<b>Height</b> 6 2	<b>Weight</b> 225	<b>Date of Birth</b> 2/10/1964
<b>Company</b> Geotechnical & Environmental Consultants, Inc.			
<b>Address</b> 514 Hillcrest Industrial Boulevard			
<b>City</b> Macon	<b>State</b> Georgia	<b>Zip</b> 31204	<b>Phone</b> (478) 767-1606
<b>Certification Issue Date</b> 4/10/2013	<b>Certification Expiration Date</b> 2/24/2013	<b>Last Date Of Training</b> 2/24/2012	
This certificate confers all authorities granted by Georgia EPD Rules 391-3-24 and allows the above named individual to serve as a(n)			
<b>Combined Inspector/Risk Assessor</b>			
This certificate must be in your possession while conducting activities regulated by Georgia Rules 391-3-24. This certification is only valid for the performance of Georgia regulated lead-based paint activities and when employed by a Georgia Certified Lead-Based Paint Firm. A renewal application must be submitted at least thirty (30) days prior to the expiration date shown, and a refresher training course must be taken before the last date of training.			
<b>Issue Date</b> 4/10/2013	<b>Expiration Date</b> 2/24/2013		
<b>Georgia Lead Firm License Number</b> 50 CMB 0412 961			
 Mikely Cross, Program Manager Lead-Based Paint and Asbestos Program (404) 363-7326 Issued By Allosie Larkins			



## VIII. Performance Characteristic (PCS) Sheets

EFFECTIVE DATE: September 24, 2004

EDITION NO.: 1

### MANUFACTURER AND MODEL:

Make: *Niton LLC*

Tested Model: *SLp 300*

Source:  $^{109}\text{Cd}$

Note: This PCS is also applicable to the equivalent model variations indicated below, for the Lead-in-Paint K+L variable reading time mode, in the XLi and XLp series:

XLi 300A, XLi 301A, XLi 302A and XLi 303A.

XLp 300A, XLp 301A, XLp 302A and XLp 303A.

XLi 700A, XLi 701A, XLi 702A and XLi 703A.

XLp 700A, XLp 701A, XLp 702A, and XLp 703A.

Note: The XLi and XLp versions refer to the shape of the handle part of the instrument. The differences in the model numbers reflect other modes available, in addition to Lead-in Paint modes. The manufacturer states that specifications for these instruments are identical for the source, detector, and detector electronics relative to the Lead-in-Paint mode.

### FIELD OPERATION GUIDANCE

#### OPERATING PARAMETERS:

Lead-in-Paint K+L variable reading time mode.

#### XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm <sup>2</sup> (inclusive)
---

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm<sup>2</sup> in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm<sup>2</sup> film).

If readings are outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instruments into control before XRF testing proceeds.

#### SUBSTRATE CORRECTION:

For XRF results using Lead-in-Paint K+L variable reading time mode, substrate correction is not needed for: Brick, Concrete, Drywall, Metal, Plaster, and Wood.

**INCONCLUSIVE RANGE OR THRESHOLD:**

K+L MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm <sup>2</sup> )
Results not corrected for substrate basis on any substrate	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

**BACKGROUND INFORMATION**

**EVALUATION DATA SOURCE AND DATE:**

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* (“HUD Guidelines”). Performance parameters shown on this sheet are calculated from the EPA/HUD evaluation using archived building components. Testing was conducted in August 2004 on 133 testing combinations. The instruments that were used to perform the testing had new sources; one instrument’s was installed in November 2003 with 40 mCi initial strength, and the other’s was installed on June 2004 with 40 mCi initial strength.

**OPERATING PARAMETERS:**

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer’s instructions and procedures described in Chapter 7 of the HUD Guidelines.

**SUBSTRATE CORRECTION VALUE COMPUTATION:**

Substrate corrections is not needed for brick, concrete, drywall, metal, plaster, or wood when using Lead-in-Paint K+L variable reading time mode, the normal operating mode for these instruments. If substrate correction is desired, refer to Chapter 7 of the HUD Guidelines for guidance on correcting XRF results for substrate bias.

**EVALUATING THE QUALITY OF XRF TESTING:**

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing. Use the K+L variable time mode readings.

Conduct XRF retesting at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed by applying the steps below.  
 Compute the Retest Tolerance Limit by the following steps:

Determine the XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family housing a result is defined as the average of three readings. In multifamily housing, a result is a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF results and retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 00072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by .645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF results.

Compute the average of all ten re-test XRF results.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages in equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

**TESTING TIMES:**

For the Lead-in-Paint K+L variable reading time mode, the instrument continues to read until it is moved away from the testing surface, terminated by the user, or the instrument software indicates the readings is complete. The following table provides testing time information for this testing mode. The times have been adjusted for source decay, normalized to the initial source strengths as noted above. Source strength and type of substrate will affect actual testing times. At the time of testing, the instruments had source strengths of 26.6 and 36.6 mCi.

**TESTING TIMES USING K+L READING MODE (SECONDS)**

Substrate	All Data			Median for laboratory-measured lead levels (mg/cm <sup>2</sup> )		
	25 <sup>th</sup> Percentile	Median	75 <sup>th</sup> Percentile	Pb<0.25	0.25≤Pb<1.0	1.0≤Pb
Wood	4	11	19	11	15	11
Drywall	4	12	18	9	12	14
Metal	8	16	22	15	18	16
Brick						
Concrete						
Plaster						

## CLASSIFICATION RESULTS:

XRF results are classified as positive if they are greater than or equal to the threshold and negative if they are less than the threshold.

## DOCUMENTATION:

A document titled *Methodology for XRF Performance Characteristic Sheets* provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD.

This XRF Performance Characteristic Sheet was developed by the Midwest Research Institute (MRI) and QuanTech, Inc., under a contract between MRI and the XRF manufacture. HUD has determined that the information provided here is acceptable when used as guidance in conjunction with Chapter 7, Lead-Based Paint Inspection, of HUD's *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*.

## IX. Glossary

### COMMON LEAD-BASED PAINT TERMS

**Lead-Based Paint:** Any paint, varnish, shellac, or other coating that contains lead equal to or greater than 1.0 mg/cm<sup>2</sup> as measured by XRF or laboratory analysis, or 0.5 percent by dry weight (5,000 ppm) as measured by laboratory analysis.

**Lead-Based Paint Hazards:** Housing conditions that cause human exposure to unsafe levels of lead from paint. These conditions include deteriorated lead-based paint; friction, impact or chewable painted surfaces; lead-contaminated dust; or lead-contaminated soil.

### Physical Terms

**Building Component:** Any element of a building that may be painted or have dust on its surface, e.g. walls, stair treads, floors, railings, doors, window sills, etc. Building component replacement: see Replacement.

**Deteriorated Lead-Based Paint:** Any lead-based paint coating on a damaged or deteriorated surface or fixture, or any interior or exterior lead-based paint that is peeling, chipping, blistering, flaking, worn, chalking, alligating, cracking, or otherwise becoming separated from the substrate.

### Lead Hazard Evaluation

**Clearance Examination:** Clearance is performed after hazard reduction, rehabilitation or maintenance activities to determine if a unit is safe for occupancy. It involves a visual assessment, analysis of dust and/or soil samples, and preparation of a report. A certified risk assessor, paint

inspector, or clearance technician (independent from entity/individual conducting paint stabilization or hazard reduction) conducts clearance.

**Paint Testing:** Testing of specific surfaces, by XRF (x-ray fluorescence) or lab analysis, to determine the lead content of these surfaces, performed by a certified lead-based paint inspector or certified risk assessor.

**Risk Assessment:** A comprehensive evaluation for lead-based paint hazards that includes paint testing, dust and soil sampling, and a visual evaluation. The assessment report identifies lead hazards and appropriate lead hazard reduction methods. A certified risk assessor must conduct the assessment.

**Visual Assessment:** A visual evaluation of interior and exterior painted surfaces to identify specific conditions that contribute to lead-based paint hazards. A certified risk assessor or Housing Quality Standards (HQS) inspector trained in visual assessment performs the assessment.

### **Lead Hazard Reduction**

**Abatement:** A measure or set of measures designed to permanently (i.e. 20 or more years) eliminate lead-based paint hazards or lead-based paint. Abatement strategies include the removal of lead-based paint, enclosure, encapsulation, replacement of building components coated with lead-based paint, removal of lead-contaminated dust, and removal of lead-contaminated soil or overlaying of soil with a durable covering such as asphalt (grass and sod are considered interim control measures). All of these strategies require preparation; cleanup; waste disposal; post abatement clearance testing; record keeping; and, if applicable, monitoring. See also Complete abatement and Interim Controls.

**Complete Abatement:** Abatement of all lead-based paint inside and outside a dwelling or building and reduction of any lead-contaminated dust or soil hazards. All of these strategies require preparation; cleanup; waste disposal; post abatement clearance testing; record keeping; and, if applicable, reevaluation and on-going monitoring. See also Abatement.

**Cleaning:** The process of using a HEPA vacuum and wet cleaning agents to remove leaded dust; the process includes removal of bulk debris from the work area. OSHA prohibits the use of compressed air to clean lead-contaminated dust from a surface.

**Encapsulation:** Any covering or coating that acts as a barrier between lead-based paint and the environment, the durability of which relies on adhesion and the integrity of the existing bonds between multiple layers of paint and between the substrate. See also enclosure.

**Lead-based Paint Hazard Control:** Activities to control and eliminate lead-based paint hazards, including interim controls, abatement, and complete abatement.

**Maintenance:** Work intended to maintain adequate living conditions in a dwelling, which has the potential to disturb lead-based paint or paint that is suspected of being lead-based.

**Paint Film Stabilization:** An interim control method that stabilizes painted surfaces and addresses the underlying cause of deterioration. Steps include repairing defective surfaces, wet scraping, priming, and repainting surfaces coated with deteriorated lead-based paint; paint film stabilization includes cleanup and clearance.

**Reevaluation:** In lead hazard control work, the combination of a visual assessment and collections of environmental samples performed by a certified risk assessor to determine if a previously implemented lead-based paint hazard control measure is still effective and if the dwelling remains lead-safe. Also known as re-inspection.

**Replacement:** Replacement of existing features can be an appropriate abatement technique if the feature is deteriorated beyond repair or if the feature is of minor significance.

**Treatment:** In residential lead-based paint hazard control work, any method designed to control lead-based paint hazards. Treatment includes interim controls, abatement, and removal. Hazardous waste (treatment) is a method, technique, or process (such as neutralization) that is designed to change the physical, chemical, or biological character or composition of hazardous waste to neutralize it; render it non-hazardous; recover it; make it safer to transport, store, or dispose; or allow for easier recovery, storage, or volume reduction.

## **Lead Poisoning**

**Environmental Intervention Blood Lead Level:** The level of lead in blood that requires intervention in a child under age six. This is defined as a blood lead level of 20 ug/dL (micrograms per deciliter) of whole blood or above for a single test, or blood levels of 15-19 ug/dL in two tests taken at least three months apart.

## **LEAD-BASED PAINT – KEY UNITS OF MEASUREMENT**

**ug (Microgram):** A microgram is 1/1000<sup>th</sup> of a milligram (or one millionth of a gram). To put this unit into perspective, a penny weighs 2 grams. To get a microgram, you would need to divide the penny into 2 million pieces. A microgram is one of those two million pieces.

**ft<sup>2</sup> (Square foot):** One square foot is equal to an area that has a length of one foot (12 inches) and a width of one foot (12 inches).

**ug/dL:** Micrograms per deciliter used to measure the level of lead in children's blood to establish whether the intervention is needed. A deciliter (1/10<sup>th</sup> of a liter) is a little less than half a cup. As noted above, a microgram is the same weight as one penny divided into two million parts.

**mg/cm<sup>2</sup>:** Milligrams per square centimeter, used for paint by XRF machines.

**Percent:** Percent by weight, used usually for lead-based paint (1 percent = 10,000 ug/gram).

**ppm:** Parts per million by weight, equivalent to ug/gram (10,000 ppm = 1 percent). Used to measure lead in paint and soil.

## **LEAD-BASED PAINT STANDARDS**

### **Paint – Definition of Lead-Based Paint**

Paint that contains at least:

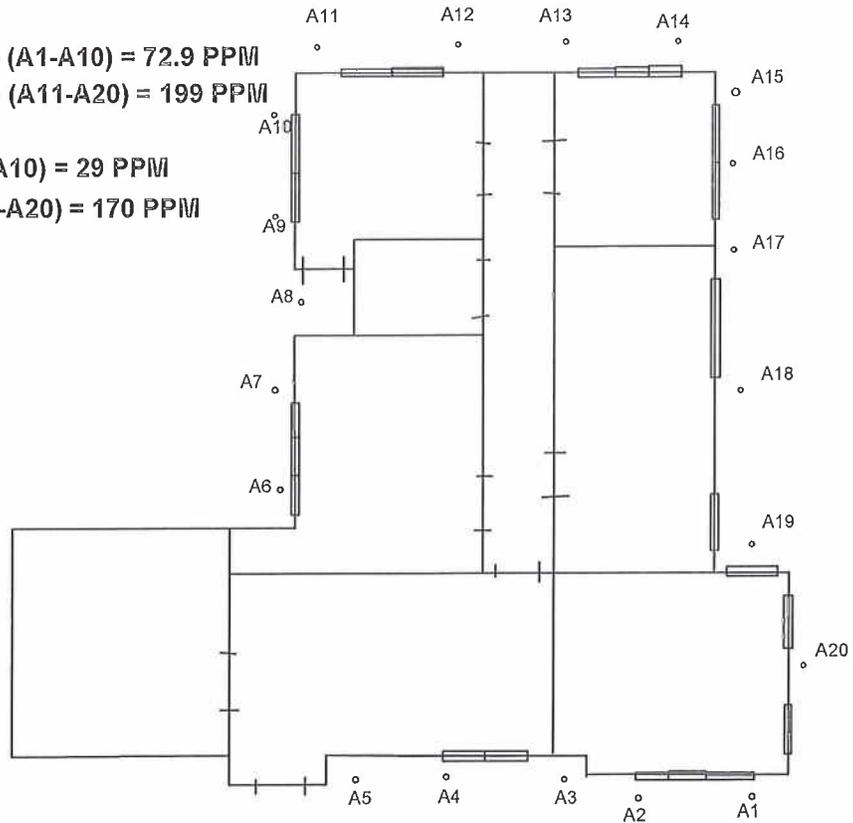
*Lead-Based Paint Inspection and Visual Assessment Report*  
*GEC Project No.: 120313.240*

- 1 milligram per centimeters square ( $\text{mg}/\text{cm}^2$ ) of lead (EPA/HUD);
- 1.0 milligram per centimeters square ( $\text{mg}/\text{cm}^2$ ) of lead Georgia Childhood Lead Poisoning Prevention Program (GA CLPPP);
- 0.5 percent lead; or
- 5,000 parts per million (ppm) lead by dry weight.

Sample Date: 5/12/2012

A&B Surface (A1-A10) = 72.9 PPM  
C&D Surface (A11-A20) = 199 PPM

A&B 9" (A1-A10) = 29 PPM  
C&D 9" (A11-A20) = 170 PPM



DCA House on Woodlands Village I & II  
Lead in Soil Sampling



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

May 23, 2012

Todd Peterman  
GeoTechnical & Env. Consultants, Inc.  
514 Hillcrest Industrial Blvd  
Macon GA 31204

TEL: (478) 757-1606  
FAX: (478) 757-1608

RE: DCA Lafayette

Dear Todd Peterman:

Order No: 1205E03

Analytical Environmental Services, Inc. received 4 samples on 5/16/2012 12:55:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/11-06/30/12.
- AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Chantelle Kanhai  
Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1205E03 BM  
1205E03 5/17/12

Date: \_\_\_\_\_ Page \_\_\_\_\_ of \_\_\_\_\_

COMPANY: <b>GEC</b>		ADDRESS: <b>514 Hillcrest Industrial Blvd Macon, GA 31204</b>			ANALYSIS REQUESTED		to check on the status of your results, place bottle orders, etc.	No # of Containers
PHONE: <b>778-757-1606</b>		FAX: <b>778-757-1608</b>			PRESERVATION (See codes)			
SAMPLED BY: <b>Todd Peterman</b>		SIGNATURE: <i>[Signature]</i>			REMARKS			
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)		
		DATE	TIME					
1	A+B Surface	5/12	11:00		✓	SO	✓	
2	C+D Surface		11:15					
3	A+B 9"		11:30					
4	C+D 9"		11:45		✓		✓	
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
RELINQUISHED BY: <i>[Signature]</i>		DATE/TIME: 5/15/12 11:00	RECEIVED BY: <i>[Signature]</i>		DATE/TIME: 5/16/12 12:57	PROJECT INFORMATION		RECEIPT
						PROJECT NAME: <b>DCA LAFAYETTE</b>		Total # of Containers: <b>4</b>
						PROJECT #: <b>110376-240</b>		<input checked="" type="radio"/> Turnaround Time Request
						SITE ADDRESS: <b>LAFAYETTE, GA</b>		<input type="radio"/> Standard 5 Business Days
						SEND REPORT TO: <b>T. Peterman @ GEC</b>		<input type="radio"/> 2 Business Day Rush
						INVOICE TO: _____		<input type="radio"/> Next Business Day Rush
						(IF DIFFERENT FROM ABOVE)		<input type="radio"/> Same Day Rush (auth req.)
						QUOTE #: _____ PO#: _____		<input type="radio"/> Other _____
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD						STATE PROGRAM (if any): _____
		OUT	/	/	VIA:			E-mail? Y/N: _____ Fax? Y/N: _____
		IN	/	/	UPS MAIL COURIER			DATA PACKAGE: I II III IV
					GREYHOUND OTHER			

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.  
 SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)  
 PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

**Analytical Environmental Services, Inc**

Date: 23-May-12

<b>Client:</b> GeoTechnical & Env. Consultants, Inc.	<b>Client Sample ID:</b> A&B SURFACE
<b>Project Name:</b> DCA Lafayette	<b>Collection Date:</b> 5/12/2012 11:00:00 AM
<b>Lab ID:</b> 1205E03-001	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>METALS, TOTAL SW6010C</b>					<b>(SW3050B)</b>			
Lead	72.9	5.38		mg/Kg-dry	161626	1	05/18/2012 13:21	TA
<b>PERCENT MOISTURE D2216</b>								
Percent Moisture	8.20	0		wt%	R221780	1	05/22/2012 11:00	AS

Qualifiers:

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

**Analytical Environmental Services, Inc**

**Date:** 23-May-12

<b>Client:</b> GeoTechnical & Env. Consultants, Inc.	<b>Client Sample ID:</b> C&D SURFACE
<b>Project Name:</b> DCA Lafayette	<b>Collection Date:</b> 5/12/2012 11:15:00 AM
<b>Lab ID:</b> 1205E03-002	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>METALS, TOTAL SW6010C</b>					<b>(SW3050B)</b>			
Lead	199	5.26		mg/Kg-dry	161626	1	05/18/2012 13:40	TA
<b>PERCENT MOISTURE D2216</b>								
Percent Moisture	21.7	0		wt%	R221780	1	05/22/2012 11:00	AS

**Qualifiers:**

* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
BRL Below reporting limit	S Spike Recovery outside limits due to matrix
H Holding times for preparation or analysis exceeded	Narr See case narrative
N Analyte not NELAC certified	NC Not confirmed
B Analyte detected in the associated method blank	< Less than Result value
> Greater than Result value	J Estimated value detected below Reporting Limit

**Analytical Environmental Services, Inc**

**Date:** 23-May-12

<b>Client:</b> GeoTechnical & Env. Consultants, Inc.	<b>Client Sample ID:</b> A&B 9"
<b>Project Name:</b> DCA Lafayette	<b>Collection Date:</b> 5/12/2012 11:30:00 AM
<b>Lab ID:</b> 1205E03-003	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>METALS, TOTAL SW6010C</b>					<b>(SW3050B)</b>			
Lead	29.0	4.96		mg/Kg-dry	161626	1	05/18/2012 13:51	TA
<b>PERCENT MOISTURE D2216</b>								
Percent Moisture	9.57	0		wt%	R221780	1	05/22/2012 11:00	AS

<b>Qualifiers:</b>	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	NC Not confirmed
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

**Analytical Environmental Services, Inc**

**Date:** 23-May-12

<b>Client:</b> GeoTechnical & Env. Consultants, Inc.	<b>Client Sample ID:</b> C&D 9 <sup>th</sup>
<b>Project Name:</b> DCA Lafayette	<b>Collection Date:</b> 5/12/2012 11:45:00 AM
<b>Lab ID:</b> 1205E03-004	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>METALS, TOTAL SW6010C</b>					<b>(SW3050B)</b>			
Lead	170	6.34		mg/Kg-dry	161626	1	05/18/2012 13:55	TA
<b>PERCENT MOISTURE D2216</b>								
Percent Moisture	21.2	0		wt%	R221780	1	05/22/2012 11:00	AS

<b>Qualifiers:</b>	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	NC Not confirmed
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client GEC

Work Order Number 1265E03 Bm 5/17/12  
1205E00

Checklist completed by [Signature] 5/17/12  
Signature Date

Carrier name: FedEx  UPS  Courier  Client  US Mail  Other

Shipping container/cooler in good condition? Yes  No  Not Present

Custody seals intact on shipping container/cooler? Yes  No  Not Present

Custody seals intact on sample bottles? Yes  No  Not Present

Container/Temp Blank temperature in compliance? <sup>Bm 5/17/12</sup> (4°C ± 2)\* Yes  No

Cooler #1 Ambient Cooler #2 \_\_\_\_\_ Cooler #3 \_\_\_\_\_ Cooler #4 \_\_\_\_\_ Cooler #5 \_\_\_\_\_ Cooler #6 \_\_\_\_\_

Chain of custody present? Yes  No

Chain of custody signed when relinquished and received? Yes  No

Chain of custody agrees with sample labels? Yes  No

Samples in proper container/bottle? Yes  No

Sample containers intact? Yes  No

Sufficient sample volume for indicated test? Yes  No

All samples received within holding time? Yes  No

Was TAT marked on the COC? Yes  No

Proceed with Standard TAT as per project history? Yes  No  Not Applicable

Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No

Water - pH acceptable upon receipt? Yes  No  Not Applicable

Adjusted? \_\_\_\_\_ Checked by \_\_\_\_\_

Sample Condition: Good  Other(Explain) \_\_\_\_\_

(For diffusive samples or AIHA lead) Is a known blank included? Yes  No

See Case Narrative for resolution of the Non-Conformance.

\* Samples do not have to comply with the given range for certain parameters.



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

May 22, 2012

Tameka Gordon  
GeoTechnical & Env. Consultants, Inc.  
514 Hillcrest Industrial Blvd  
Macon GA 31204

TEL: (478) 757-1606  
FAX: (478) 757-1608

RE: DCA Woodlands Village

Dear Tameka Gordon:

Order No: 1205749

Analytical Environmental Services, Inc. received 8 samples on 5/11/2012 11:10:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/11-06/30/12.
- AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Chantelle Kanhai  
Project Manager



# ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

# CHAIN OF CUSTODY

Work Order: 1205749

Date: \_\_\_\_\_ Page \_\_\_\_\_ of \_\_\_\_\_

COMPANY: <b>GEC</b>		ADDRESS: <b>514 Hillcrest Industrial Blvd Macon Ga 31204</b>				ANALYSIS REQUESTED				Visit our website <a href="http://www.aesatlanta.com">www.aesatlanta.com</a> to check on the status of your results, place bottle orders, etc.	No # of Containers	
PHONE: <b>478 757-1606</b>		FAX: <b>478 757-1608</b>				PRESERVATION (See codes)						
SAMPLED BY: <b>Anthony Whipple</b>		SIGNATURE: <i>[Signature]</i>										
#	SAMPLE ID	SAMPLE		Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED				REMARKS	
		DATE	TIME				PRESERVATION (See codes)					
1	Apt 302 First Flush	5-8-12	0803	X		W	X					
2	↓ 2nd Flush		0808	X		W	Y					
3	office kitchen 1st Flush		0916	X			X					
4	office kitchen 2nd Flush		0921	X			X					
5	Apt 105 1st Flush		1013	X								
6	Apt 105 2nd Flush		1018	X								
7	Apt 217 1st Flush		1037	X								
8	Apt 217 2nd Flush		1042	X								
9												
10												
11												
12												
13												
14												
RELINQUISHED BY <i>[Signature]</i>		DATE/TIME 5/10/12 11:00	RECEIVED BY <i>[Signature]</i>		DATE/TIME 5/11/12 11:10	PROJECT INFORMATION				RECEIPT		
1:			1:			PROJECT NAME: DCA Woodlands Village				Total # of Containers		
2:			2:			PROJECT #: 120313.240				<input checked="" type="radio"/> Turnaround Time Request <input type="radio"/> Standard 5 Business Days <input type="radio"/> 2 Business Day Rush <input type="radio"/> Next Business Day Rush <input type="radio"/> Same Day Rush (auth req.) <input type="radio"/> Other _____		
3:			3:			SITE ADDRESS:						
						SEND REPORT TO: <i>[Signature]</i> GECconsultant.com						
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD				INVOICE TO:				STATE PROGRAM (if any): _____		
		OUT / / VIA:				(IF DIFFERENT FROM ABOVE)				E-mail? Y/N; Fax? Y/N		
		IN / / VIA:				QUOTE #: _____ PO#: _____				DATA PACKAGE: I II III IV		
		CLIENT FedEx UPS MAIL COURIER										
		GREYHOUND OTHER _____										

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.  
 SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water  
 RESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

**Analytical Environmental Services, Inc**

Date: 22-May-12

<b>Client:</b> GeoTechnical & Env. Consultants, Inc.	<b>Client Sample ID:</b> APT 302 FIRST FLUSH
<b>Project Name:</b> DCA Woodlands Village	<b>Collection Date:</b> 5/8/2012 8:03:00 AM
<b>Lab ID:</b> 1205749-001	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	7.14	1.00		ug/L	161413	1	05/16/2012 17:38	JY

- 
- Qualifiers:
- \* Value exceeds maximum contaminant level
  - BRL Below reporting limit
  - H Holding times for preparation or analysis exceeded
  - N Analyte not NELAC certified
  - B Analyte detected in the associated method blank
  - > Greater than Result value
  - E Estimated (value above quantitation range)
  - S Spike Recovery outside limits due to matrix
  - Narr See case narrative
  - NC Not confirmed
  - < Less than Result value
  - J Estimated value detected below Reporting Limit

**Analytical Environmental Services, Inc**

**Date:** 22-May-12

<b>Client:</b> GeoTechnical & Env. Consultants, Inc.	<b>Client Sample ID:</b> APT 302 2ND FLUSH
<b>Project Name:</b> DCA Woodlands Village	<b>Collection Date:</b> 5/8/2012 8:08:00 AM
<b>Lab ID:</b> 1205749-002	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	161413	1	05/16/2012 17:57	JY

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit



Analytical Environmental Services, Inc

Date: 22-May-12

<b>Client:</b> GeoTechnical & Env. Consultants, Inc.	<b>Client Sample ID:</b> OFFICE KITCHEN 2ND FLUSE
<b>Project Name:</b> DCA Woodlands Village	<b>Collection Date:</b> 5/8/2012 9:21:00 AM
<b>Lab ID:</b> 1205749-004	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>								
					(E200.2)			
Lead	1.42	1.00		ug/L	161413	1	05/16/2012 18:28	JY

- Qualifiers:
- \* Value exceeds maximum contaminant level
  - BRL Below reporting limit
  - H Holding times for preparation or analysis exceeded
  - N Analyte not NELAC certified
  - B Analyte detected in the associated method blank
  - > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

**Analytical Environmental Services, Inc**

**Date:** 22-May-12

<b>Client:</b> GeoTechnical & Env. Consultants, Inc.	<b>Client Sample ID:</b> APT 105 1ST FLUSH
<b>Project Name:</b> DCA Woodlands Village	<b>Collection Date:</b> 5/8/2012 10:13:00 AM
<b>Lab ID:</b> 1205749-005	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	2.05	1.00		ug/L	161413	1	05/16/2012 18:34	JY

- Qualifiers:**
- \* Value exceeds maximum contaminant level
  - BRL Below reporting limit
  - H Holding times for preparation or analysis exceeded
  - N Analyte not NELAC certified
  - B Analyte detected in the associated method blank
  - > Greater than Result value
  - E Estimated (value above quantitation range)
  - S Spike Recovery outside limits due to matrix
  - Narr See case narrative
  - NC Not confirmed
  - < Less than Result value
  - J Estimated value detected below Reporting Limit

**Analytical Environmental Services, Inc**

**Date:** 22-May-12

<b>Client:</b> GeoTechnical & Env. Consultants, Inc.	<b>Client Sample ID:</b> APT 105 2ND FLUSH
<b>Project Name:</b> DCA Woodlands Village	<b>Collection Date:</b> 5/8/2012 10:18:00 AM
<b>Lab ID:</b> 1205749-006	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8 (E200.2)</b>								
Lead	BRL	1.00		ug/L	161413	1	05/16/2012 18:40	JY

- 
- |                    |  |  |
|--------------------|--|--|
| <b>Qualifiers:</b> | * Value exceeds maximum contaminant level            | E Estimated (value above quantitation range)     |
|                    | BRL Below reporting limit                            | S Spike Recovery outside limits due to matrix    |
|                    | H Holding times for preparation or analysis exceeded | Narr See case narrative                          |
|                    | N Analyte not NELAC certified                        | NC Not confirmed                                 |
|                    | B Analyte detected in the associated method blank    | < Less than Result value                         |
|                    | > Greater than Result value                          | J Estimated value detected below Reporting Limit |



Analytical Environmental Services, Inc

Date: 22-May-12

<b>Client:</b> GeoTechnical & Env. Consultants, Inc.	<b>Client Sample ID:</b> APT 217 2ND FLUSH
<b>Project Name:</b> DCA Woodlands Village	<b>Collection Date:</b> 5/8/2012 10:42:00 AM
<b>Lab ID:</b> 1205749-008	<b>Matrix:</b> Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	161413	1	05/16/2012 18:52	JY

- Qualifiers:
- \* Value exceeds maximum contaminant level
  - BRL Below reporting limit
  - H Holding times for preparation or analysis exceeded
  - N Analyte not NELAC certified
  - B Analyte detected in the associated method blank
  - > Greater than Result value
  - E Estimated (value above quantitation range)
  - S Spike Recovery outside limits due to matrix
  - Narr See case narrative
  - NC Not confirmed
  - < Less than Result value
  - J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client GEC

Work Order Number 1205749

Checklist completed by *B.M. [Signature]* 5/11/12  
Signature Date

Carrier name: FedEx  UPS  Courier  Client  US Mail  Other

Shipping container/cooler in good condition? Yes  No  Not Present

Custody seals intact on shipping container/cooler? Yes  No  Not Present

Custody seals intact on sample bottles? Yes  No  Not Present

Container/Temp Blank temperature in compliance? <sup>B.M. 5/12/12</sup> Yes  No   
<sub>(4°C ± 2)\*</sub>

Cooler #1 Ambr Cooler #2 \_\_\_\_\_ Cooler #3 \_\_\_\_\_ Cooler #4 \_\_\_\_\_ Cooler #5 \_\_\_\_\_ Cooler #6 \_\_\_\_\_

Chain of custody present? Yes  No

Chain of custody signed when relinquished and received? Yes  No

Chain of custody agrees with sample labels? Yes  No

Samples in proper container/bottle? Yes  No

Sample containers intact? Yes  No

Sufficient sample volume for indicated test? Yes  No

All samples received within holding time? Yes  No

Was TAT marked on the COC? Yes  No

Proceed with Standard TAT as per project history? Yes  No  Not Applicable

Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No

Water - pH acceptable upon receipt? Yes  No  Not Applicable

Adjusted? \_\_\_\_\_ Checked by *B.M.*

Sample Condition: Good  Other(Explain) \_\_\_\_\_

(For diffusive samples or AIHA lead) Is a known blank included? Yes  No

See Case Narrative for resolution of the Non-Conformance.

\* Samples do not have to comply with the given range for certain parameters.

**DETECTED ASBESTOS SAMPLE SUMMARY  
DCA WOODLANDS VILLAGE  
GEC PROJECT NO. 120313.240**

SAMPLE ID SAMPLE DATE: 5/8/2012	LAYER	HOMOGENEOUS MATERIAL DESCRIPTION	LOCATION	PHYSICAL CONDITION	ASBESTOS CONTENT			ESTIMATED QUANTITIES
					% ASBESTOS	TYPE	COMMENTS	
WV-18A	LAYER 1	9 x 9 Ft w/Black Mastic	Office Basement	Good	10	CH	Floor Tile	726 SF
	LAYER 2				10	CH	Black Mastic	
WV-18B	LAYER 1	9 x 9 Ft w/Black Mastic		Good	10	CH	Floor Tile	
WV-19A	LAYER 1	Basement White Tape	Abandoned Duct Work	Good	65	CH		18 Elbows - loose joints
WV-19B	LAYER 1	Basement White Tape	Abandoned Duct Work	Good	65	CH		Pipe Section
WV-21A	LAYER 2	Lt Tan Pliable Caulk	On Door Frames @ House Office Exterior	Good	2	CH	Glaze, Paint Included as Binder	150 LF
WV-23A	LAYER 2	Exterior Window Caulk	A Side	Good	5	CH	Paint Included as Binder; Glaze	

**NOTE: CH = Chrysotile Asbestos; AM = Amosite Asbestos; ND = Not Detected  
CY = Cubic Yards; SF = Square Feet; CF = Cubic Feet; LF = Linear Feet**

1205B16  
1

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3785 Presidential Pkwy., Atlanta, GA 30340-3704  
(770) 457-8177 / Toll Free (800) 972-4889 / Fax (770) 457-8188

CHAIN OF CUSTODY  
BULK ASBESTOS ANALYSIS

Client Name: GEC Phone: (478) 757-1606  
 Address: 514 Hillcrest Industrial Blvd Fax: (478) 757-1608  
 City, State, Zip: MACON GA 31204 Project Name: OCA woodlands Village  
 Contact: Bob Hadden / Anthony Whipple Project Number: 120313.240  
 Sampler's Name: Anthony Whipple / Bob Hadden Sampling Date: 5-8-12

	Sample ID	Sample Location/Description	Analysis Requested	Turnaround Time	Comments	For AES Use Only
1	WV-1A *	Kitchen white sink under coat	PLM	STD	Apt 302	
2	WV-2A *	A/C Rm Black/Gray mastic on AC unit				
3	WV-3A *	Kitchen w/ A/C 6" x 6" Base Lino with Bloches layered				
4	WV-3B *	Laundry Rm 6" x 6" Base Lino layered				
5	WV-4A *	AC/ closet JC				
6	WV-4B *	Bathroom w/ tub JC				
7	WV-4C *	Living Rm w/ Hall closet JC				
8	WV-4D *	Bedroom w/ window JC				
9	WV-5A *	Kitchen w/ AC white Base mastic				
10	WV-5B *	Living Rm <sup>plaster</sup> Base mastic				
11	WV-6A *	A/C closet wall board				
12	WV-6B *	Hallway behind base molding, <sup>plaster</sup> wall board				
13	WV-7A *	Bathroom sink caulk				
14	WV-1B *	office Kitchen white sink under coat			office house	
15	WV-8A *	Kitchen <sup>plaster</sup> popcorn ceiling coat				
16	WV-8B *	Dining Rm <sup>plaster</sup> popcorn ceiling coat				
17	WV-8C *	Hallway w/ Living <sup>plaster</sup> popcorn ceiling coat				
18	WV-8D *	Bathroom wall board popcorn ceiling coat				
19	WV-4E *	JC from bathroom closet				
20	WV-8E *	<sup>plaster storage</sup> Plaster popcorn ceiling w/ back				

Relinquished by: Anthony Whipple Date/Time: 5/10/12 1200  
 Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Lab Recipient: Anthony Whipple FOR LAB USE ONLY  
 Date/Time: 5/11/12 Method of Shipment: 11:10 45

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3785 Presidential Pkwy., Atlanta, GA 30340-3704  
(770) 457-8177 / Toll Free (800) 972-4889 / Fax (770) 457-8188

La Fayette

CHAIN OF CUSTODY  
BULK ASBESTOS ANALYSIS

Client Name: GEC Phone: (478) 757-1600  
 Address: 514 Hillcrest Industrial Blvd Fax: (478) 757-1608  
 City, State, Zip: MACON GA 31204 Project Name: DCA Woodlands Village  
 Contact: Bob Hadden / Anthony Whipple Project Number: 120313.240  
 Sampler's Name: Bob Hadden / Anthony Whipple Sampling Date: 5-8-72

Sample ID	Sample Location/Description	Analysis Requested	Turnaround Time	Comments	For AES Use Only
1 WV-8F	Plaster popcorn ceiling in Library at B-C corner	DM	STD	Office	
2 WV-8G	Plaster Popcorn ceiling hallway closet				
3 WV-9A	Beige Print Block Vinyl Leveling Material Floor Kitchen				
4 WV-10A	Hallway Beige carpet mastic				
5 WV-10B	Library Beige carpet mastic				
6 WV-4F	Hallway JC			Appt 105	
7 WV-4G	Bathroom JC				
8 WV-4H	Living Rm Window JC				
9 WV-11A	Kitchen closet backing on floor				
10 WV-11B	" " " "				
11 WV-12A	Kitchen 4x4" beige Lino layered with small dots				
12 WV-12B	Laundry Rm 4x4" beige with small dots				
13 WV-7B	Kitchen counter caulk				
14 WV-5C	Kitchen Base mastic				
15 WV-2B	AC closet Black/gray mastic on Acoust				
16 WV-4I	Hallway JC			2D	
17 WV-4J	Living Rm Window JC				
18 WV-13A	3 block Print Beige Vinyl Kitch Apt 217 closet				
19 WV-14A	white coating on HVAC duct closet				
20 WV-13B	3 block in 12 Print Beige Vinyl closet Kitchen layered			Layered	

Relinquished by: Anthony Whipple Date/Time: 5/10/12 1200  
 Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Lab Recipient: [Signature] FOR LAB USE ONLY  
 Date/Time: 5/11/12 Method of Shipment: 11:10 UPS

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3785 Presidential Pkwy., Atlanta, GA 30340-3704  
(770) 457-8177 / Toll Free (800) 972-4889 / Fax (770) 457-8188

CHAIN OF CUSTODY  
BULK ASBESTOS ANALYSIS

Pg 3

Client Name: GEC Phone: ( )  
Address: \_\_\_\_\_ Fax: ( )  
City, State, Zip: Macon GA Project Name: \_\_\_\_\_  
Contact: Bob Hadden, Todd Peterman Project Number: 120313.240  
Sampler's Name: Bob Hadden Anthony Whipple Sampling Date: 5-8-12

Sample ID	Sample Location/Description	Analysis Requested	Turnaround Time	Comments	For AES Use Only
1 WV-10C	Carpet mastic and leveling compound at Mailroom	PLM	STD	200 Bldg	
2 WV-4K	JC IN mail room left corner				
3 WV-4L	JC IN wash room pt at washers				
4 WV-14B	white/grey HVAC coating in wash room cabinet				
5 WV-X4M	JC IN wash room in closet				
6 WV-X4N	APT 223 JC IN HW closet				
7 WV-X4-O	APT 223 JC IN hall				
8 WV-X4P	APT 224 JC IN Kitchen closet				
9 WV-X4Q	Hall corner JC Apt 224				
10 WV-X4R	Apt 222 JC at kitchen corner				
11 WV-7C	Bathroom caulk Fast sink Apt 222				
12 WV-X4S	JC IN shop at door				
13 WV-X4T-	JC IN shop at center ceiling				
14 WV-15A	BLDG 300 Roof shingles + FCH				
15 WV-16A	Kitchen Entrance 4x4 Lino smooth surface			307	
16 WV-16B	AC closet 4x4 Lino Beige smooth surface			↓	
17 WV-9B	Page Print with Black Vinyl AC closet			311	
18 WV-7D	Bathroom steel caulk			↓	
19 WV-2B	AC closet Black Gray AC Caulk			304	
20 WV-15B	BLDG 100 Roof shingles & FCH	↓	↓		

Relinquished by: [Signature] Date/Time: 5/10/12 1200  
Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Lab Recipient: [Signature] FOR LAB USE ONLY  
Date/Time: 5/11/12 Method of Shipment: 11:10 UPS

Washroom 9x22  
mail room 15x22  
Same Apt Vinyl as 224, 223  
Shop 25x25'

ANALYTICAL ENVIRONMENTAL SERVICES, INC.  
3785 Presidential Pkwy., Atlanta, GA 30340-3704  
(770) 457-8177 / Toll Free (800) 972-4889 / Fax (770) 457-8188

CHAIN OF CUSTODY  
BULK ASBESTOS ANALYSIS

Client Name: GCC Phone: ( )  
Address: \_\_\_\_\_ Fax: ( )  
City, State, Zip: \_\_\_\_\_ Project Name: DEA Woodlands Village  
Contact: Bob Hadden / Todd Pateman Project Number: 1205B.240  
Sampler's Name: Bob Hadden / Anthony Whipple Sampling Date: 5-8-12

Sample ID	Sample Location/Description	Analysis Requested	Turnaround Time	Comments	For AES Use Only
1 WV-17A	Wallboard (SR) in House - Office Back Entry Hall	PLM	STD	office	
2 WV-17B	Wallboard (SR) in Hallway outside Leasing Office				
3 WV-18A	9x9 Ft with Black mastic			office Basement	
4 WV-18B	" "				
5 WV-19A	Basement white damper type abandon duct work				
6 WV-19B	" " "				
7 WV-20A	Black thin layer cement pipe? in basement broken into many pieces				
8 WV-20B	" " "				
9 WV-21A	Lt Tan Pliable Caulk outside frames of House - Office exterior				
10 WV-21B	Lt Tan pliable caulk window frame exterior				
11 WV-22A	Exterior D side valley Gray Black pliable flashing				
12 WV-22B	Exterior D side Chimney Gray Black pliable flashing				
13 WV-23A	Exterior window caulk A side				
14 WV-23B	Exterior window caulk C side				
15 WV-24A	office Bathroom Exterior window glaze			3x3 window	
16 WV-24B	" "				
17					
18					
19					
20					

Relinquished by: Anthony Whipple Date/Time: 5/10/12 12:00  
Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Lab Recipient: [Signature] Date/Time: 5/11/12 Method of Shipment: 11:00 CPS  
FOR LAB USE ONLY

12" pipe there are 18 wraps found of Abandon damper type / Basement 2012 X 33

**Client:** GeoTechnical & Env. Consultants, Inc.

**Project:** DCA Woodlands Village

**Lab ID:** 1205B16

**Case Narrative**

Samples WV-3A; WV-3B; WV-12A; WV-12B; WV-13B; WV-16A; WV-16B had two types of flooring each. The client will be charged for 7 extra samples.



Bulk Sample Summary Report



Client Name:	GeoTechnical & Env. Consultants, Inc.	AES Job Number:	1205B16
Project Name:	DCA Woodlands Village	Project Number:	120313.240

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-1A Layer: 1	1205B16-001A	Kitchen White Sink Under Coat	ND	ND	ND	ND	ND	ND	
WV-2A Layer: 1	1205B16-002A	A/C Rm Black / Gray Mastic On AC Unit	ND	ND	ND	ND	ND	ND	
WV-3A Layer: 1	1205B16-003A	Kitchen @ A/C 6"x6" Beige Lino with Blotches Layered	ND	ND	ND	ND	ND	ND	Tan Vinyl
WV-3A Layer: 2	1205B16-003A	Kitchen @ A/C 6"x6" Beige Lino with Blotches Layered	ND	ND	ND	ND	ND	ND	Backing with glue
WV-3A Layer: 3	1205B16-003A	Kitchen @ A/C 6"x6" Beige Lino with Blotches Layered	ND	ND	ND	ND	ND	ND	Caulking; Paint included as binder
WV-3A Layer: 1	1205B16-003B	Kitchen @ A/C 6"x6" Beige Lino with Blotches Layered	ND	ND	ND	ND	ND	ND	Light Gray Vinyl
WV-3A Layer: 2	1205B16-003B	Kitchen @ A/C 6"x6" Beige Lino with Blotches Layered	ND	ND	ND	ND	ND	ND	Backing with glue

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite

For comments on the samples, see the individual analysis sheets.

ND = None Detected

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to determine the conclusive asbestos content.

It is certified by the signatures below that the laboratory identified is accredited by the National Institute of Standards and Technology for Polarized Light Microscopy (PLM) analysis under the EPA Interim Asbestos Bulk Sample Quality Assurance Program, Laboratory ID 102082-0. All percentages given are by visually estimated volume. All analyses are performed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials, EPA/600/R-93/116, July 1993." This report must not be reproduced except in full without the approval of Analytical Environmental Service, Inc. These test results apply only to the samples actually tested.

Microanalyst:   
Vira Ruiz

QC Analyst:   
Yelena Khanina



Bulk Sample Summary Report



Client Name:	<b>GeoTechnical &amp; Env. Consultants, Inc.</b>	AES Job Number:	<b>1205B16</b>
Project Name:	<b>DCA Woodlands Village</b>	Project Number:	<b>120313.240</b>

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-3B Layer: 1	1205B16-004A	Laundry Rm 6"x6" Beige Lino Layered	ND	ND	ND	ND	ND	ND	Tan Vinyl
WV-3B Layer: 2	1205B16-004A	Laundry Rm 6"x6" Beige Lino Layered	ND	ND	ND	ND	ND	ND	Backing with glue
WV-3B Layer: 1	1205B16-004B	Laundry Rm 6"x6" Beige Lino Layered	ND	ND	ND	ND	ND	ND	Light Gray Vinyl
WV-3B Layer: 2	1205B16-004B	Laundry Rm 6"x6" Beige Lino Layered	ND	ND	ND	ND	ND	ND	Backing with glue
WV-3B Layer: 3	1205B16-004B	Laundry Rm 6"x6" Beige Lino Layered	ND	ND	ND	ND	ND	ND	Leveling Compound
WV-4A Layer: 1	1205B16-005A	AC / Closet JC	ND	ND	ND	ND	ND	ND	
WV-4B Layer: 1	1205B16-006A	Bathroom @ Tub JC	ND	ND	ND	ND	ND	ND	Paint included as binder

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Vira Ruiz

QC Analyst:   
Yelena Khanina



**ANALYTICAL ENVIRONMENTAL SERVICES, INC.**  
**Bulk Sample Summary Report**



Lab ID# 102082-0

17-May-12

Client Name: <b>GeoTechnical &amp; Env. Consultants, Inc.</b>	AES Job Number: <b>1205B16</b>
Project Name: <b>DCA Woodlands Village</b>	Project Number: <b>120313.240</b>

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-4C Layer: 1	1205B16-007A	Living Rm @ Hall Closet JC	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-4D Layer: 1	1205B16-008A	Bedroom @ Window JC	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-5A Layer: 1	1205B16-009A	Kitchen @ AC White Base Mastic	ND	ND	ND	ND	ND	ND	
WV-5A Layer: 2	1205B16-009A	Kitchen @ AC White Base Mastic	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-5B Layer: 1	1205B16-010A	Living Rm White Base Mastic	ND	ND	ND	ND	ND	ND	
WV-5B Layer: 2	1205B16-010A	Living Rm White Base Mastic	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-6A Layer: 1	1205B16-011A	A/C Closet Wallboard	ND	ND	ND	ND	ND	ND	

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite

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QC Analyst:

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Bulk Sample Summary Report

Client Name:	GeoTechnical & Env. Consultants, Inc.	AES Job Number:	1205B16
Project Name:	DCA Woodlands Village	Project Number:	120313.240

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-6A Layer: 2	1205B16-011A	A/C Closet Wallboard	ND	ND	ND	ND	ND	ND	
WV-6B Layer: 1	1205B16-012A	Hallway Behind Base Molding Wallboard	ND	ND	ND	ND	ND	ND	
WV-6B Layer: 2	1205B16-012A	Hallway Behind Base Molding Wallboard	ND	ND	ND	ND	ND	ND	
WV-7A Layer: 1	1205B16-013A	Bathroom Sink Caulk	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-7A Layer: 2	1205B16-013A	Bathroom Sink Caulk	ND	ND	ND	ND	ND	ND	
WV-1B Layer: 1	1205B16-014A	Office Kitchen White Sink Under Coat	ND	ND	ND	ND	ND	ND	
WV-8A Layer: 1	1205B16-015A	Kitchen Popcorn Plaster Ceiling Coat	ND	ND	ND	ND	ND	ND	Paint included as binder

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**Bulk Sample Summary Report**



Lab ID# 102082-0

17-May-12

Client Name:	<b>GeoTechnical &amp; Env. Consultants, Inc.</b>	AES Job Number:	<b>1205B16</b>
Project Name:	<b>DCA Woodlands Village</b>	Project Number:	<b>120313.240</b>

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-8B Layer: 1	1205B16-016A	Dining Rm Plaster Popcorn Ceiling Coat	ND	ND	ND	ND	ND	ND	
WV-8B Layer: 2	1205B16-016A	Dining Rm Plaster Popcorn Ceiling Coat	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-8C Layer: 1	1205B16-017A	Hallway @ Living Plaster Popcorn Ceiling Coat	ND	ND	ND	ND	ND	ND	
WV-8C Layer: 2	1205B16-017A	Hallway @ Living Plaster Popcorn Ceiling Coat	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-8D Layer: 1	1205B16-018A	Bathroom Wallboard Popcorn Ceiling Coat	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-8D Layer: 2	1205B16-018A	Bathroom Wallboard Popcorn Ceiling Coat	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-4E Layer: 1	1205B16-019A	JC From Bathroom Closet Corner	ND	ND	ND	ND	ND	ND	Paint included as binder

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite

For comments on the samples, see the individual analysis sheets.

ND = None Detected

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**Bulk Sample Summary Report**



Lab ID# 102082-0

17-May-12

Client Name: <b>GeoTechnical &amp; Env. Consultants, Inc.</b>	AES Job Number: <b>1205B16</b>
Project Name: <b>DCA Woodlands Village</b>	Project Number: <b>120313.240</b>

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-8E Layer: 1	1205B16-020A	Plaster Popcorn Ceiling In Back Storage	ND	ND	ND	ND	ND	ND	
WV-8E Layer: 2	1205B16-020A	Plaster Popcorn Ceiling In Back Storage	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-8F Layer: 1	1205B16-021A	Plaster Popcorn Ceiling In Library at B - C Corner	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-8F Layer: 2	1205B16-021A	Plaster Popcorn Ceiling In Library at B - C Corner	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-8F Layer: 3	1205B16-021A	Plaster Popcorn Ceiling In Library at B - C Corner	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-8G Layer: 1	1205B16-022A	Plaster Popcorn Ceiling Hallway Closet	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-8G Layer: 2	1205B16-022A	Plaster Popcorn Ceiling Hallway Closet	ND	ND	ND	ND	ND	ND	Paint included as binder

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite

For comments on the samples, see the individual analysis sheets.

ND - None Detected

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QC Analyst:

Yelena Khanina



Bulk Sample Summary Report



Client Name:	GeoTechnical & Env. Consultants, Inc.	AES Job Number:	1205B16
Project Name:	DCA Woodlands Village	Project Number:	120313.240

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-9A Layer: 1	1205B16-023A	Beige Print Block Vinyl Floor Kitchen Leveling Compound	ND	ND	ND	ND	ND	ND	Vinyl
WV-9A Layer: 2	1205B16-023A	Beige Print Block Vinyl Floor Kitchen Leveling Compound	ND	ND	ND	ND	ND	ND	Backing
WV-9A Layer: 3	1205B16-023A	Beige Print Block Vinyl Floor Kitchen Leveling Compound	ND	ND	ND	ND	ND	ND	Leveling Compound with glue
WV-10A Layer: 1	1205B16-024A	Hallway Beige Carpet Mastic	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-10B Layer: 1	1205B16-025A	Library Beige Carpet Mastic	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-4F Layer: 1	1205B16-026A	Hallway JC	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-4G Layer: 1	1205B16-027A	Bathroom JC	ND	ND	ND	ND	ND	ND	Paint included as binder

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite

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Vira Ruiz

QC Analyst:

Yelena Khanina



Bulk Sample Summary Report

Client Name:	<b>GeoTechnical &amp; Env. Consultants, Inc.</b>	AES Job Number:	<b>1205B16</b>
Project Name:	<b>DCA Woodlands Village</b>	Project Number:	<b>120313.240</b>

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-4H Layer: 1	1205B16-028A	Living Rm Window JC	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-11A Layer: 1	1205B16-029A	Kitchen Closet Backing On Floor	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-11B Layer: 1	1205B16-030A	Kitchen Closet Backing On Floor	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-12A Layer: 1	1205B16-031A	Kitchen 4"x4" Beige with Small Dots Lino Layered	ND	ND	ND	ND	ND	ND	Beige Vinyl
WV-12A Layer: 2	1205B16-031A	Kitchen 4"x4" Beige with Small Dots Lino Layered	ND	ND	ND	ND	ND	ND	Backing
WV-12A Layer: 1	1205B16-031B	Kitchen 4"x4" Beige with Small Dots Lino Layered	ND	ND	ND	ND	ND	ND	Light Gray Vinyl
WV-12A Layer: 2	1205B16-031B	Kitchen 4"x4" Beige with Small Dots Lino Layered	ND	ND	ND	ND	ND	ND	Backing with glue

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite

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ND = None Detected

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Microanalyst:   
Vira Ruiz

QC Analyst:   
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**ANALYTICAL ENVIRONMENTAL SERVICES, INC.**  
**Bulk Sample Summary Report**



Lab ID# 102082-0

17-May-12

Client Name:	<b>GeoTechnical &amp; Env. Consultants, Inc.</b>	AES Job Number:	<b>1205B16</b>
Project Name:	<b>DCA Woodlands Village</b>	Project Number:	<b>120313.240</b>

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-12A Layer: 3	1205B16-031B	Kitchen 4"x4" Beige with Small Dots Lino Layered	ND	ND	ND	ND	ND	ND	Leveling Compound; Paint included as binder
WV-12B Layer: 1	1205B16-032A	Laundry Rm 4"x4" Beige with Small Dots	ND	ND	ND	ND	ND	ND	Beige Vinyl
WV-12B Layer: 2	1205B16-032A	Laundry Rm 4"x4" Beige with Small Dots	ND	ND	ND	ND	ND	ND	Backing
WV-12B Layer: 1	1205B16-032B	Laundry Rm 4"x4" Beige with Small Dots	ND	ND	ND	ND	ND	ND	Light Gray Vinyl
WV-12B Layer: 2	1205B16-032B	Laundry Rm 4"x4" Beige with Small Dots	ND	ND	ND	ND	ND	ND	Backing with glue
WV-12B Layer: 3	1205B16-032B	Laundry Rm 4"x4" Beige with Small Dots	ND	ND	ND	ND	ND	ND	Leveling Compound; Paint included as binder
WV-7B Layer: 1	1205B16-033A	Kitchen Counter Caulk	ND	ND	ND	ND	ND	ND	

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite

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Microanalyst:   
 Vira Ruiz

QC Analyst:   
 Yelena Khanina



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Client Name: <b>GeoTechnical &amp; Env. Consultants, Inc.</b>	AES Job Number: <b>1205B16</b>
Project Name: <b>DCA Woodlands Village</b>	Project Number: <b>120313.240</b>

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-5C Layer: 1	1205B16-034A	Kitchen Base Mastic	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-2B Layer: 1	1205B16-035A	AC Closet Black / Gray Mastic On AC Unit	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-2B Layer: 2	1205B16-035A	AC Closet Black / Gray Mastic On AC Unit	ND	ND	ND	ND	ND	ND	
WV-4I Layer: 1	1205B16-036A	Hallway JC	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-4J Layer: 1	1205B16-037A	Living Rm @ Window JC	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-13A Layer: 1	1205B16-038A	3 Block Print Beige Vinyl Kitch Apt 217 Closet	ND	ND	ND	ND	ND	ND	Vinyl
WV-13A Layer: 2	1205B16-038A	3 Block Print Beige Vinyl Kitch Apt 217 Closet	ND	ND	ND	ND	ND	ND	Backing with glue

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Project Name:	DCA Woodlands Village	Project Number:	120313.240

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-13A Layer: 3	1205B16-038A	3 Block Print Beige Vinyl Kitch Apt 217 Closet	ND	ND	ND	ND	ND	ND	Leveling Compound
WV-14A Layer: 1	1205B16-039A	White Coating On HVAC Duct Closet	ND	ND	ND	ND	ND	ND	
WV-13B Layer: 1	1205B16-040A	3 Block In 12 Print Beige Vinyl Laundry	ND	ND	ND	ND	ND	ND	Tan Vinyl
WV-13B Layer: 2	1205B16-040A	3 Block In 12 Print Beige Vinyl Laundry	ND	ND	ND	ND	ND	ND	Backing with glue
WV-13B Layer: 1	1205B16-040B	3 Block In 12 Print Beige Vinyl Laundry	ND	ND	ND	ND	ND	ND	Light Gray Vinyl
WV-13B Layer: 2	1205B16-040B	3 Block In 12 Print Beige Vinyl Laundry	ND	ND	ND	ND	ND	ND	Backing with glue
WV-10C Layer: 1	1205B16-041A	Carpet Mastic and Leveling Compound at Mailroom	ND	ND	ND	ND	ND	ND	

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite

For comments on the samples, see the individual analysis sheets.

ND = None Detected

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Microanalyst:

Vira Ruiz

QC Analyst:

Yelena Khanina



Bulk Sample Summary Report



Client Name: <b>GeoTechnical &amp; Env. Consultants, Inc.</b>	AES Job Number: <b>1205B16</b>
Project Name: <b>DCA Woodlands Village</b>	Project Number: <b>120313.240</b>

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-10C Layer: 2	1205B16-041A	Carpet Mastic and Leveling Compound at Mailroom	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-4K Layer: 1	1205B16-042A	JC In Mailroom Left Corner	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-4L Layer: 1	1205B16-043A	JC In Washroom Rt Of Washers	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-14B Layer: 1	1205B16-044A	White / Gray HVAC Coating In Washroom Closet	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-4M Layer: 1	1205B16-045A	JC In Washroom In Closet	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-4N Layer: 1	1205B16-046A	Apt 223 JC In HW Closet	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-4-O Layer: 1	1205B16-047A	Apt 223 JC In Hall	ND	ND	ND	ND	ND	ND	Paint included as binder

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Vira Ruiz

QC Analyst:   
Yelena Khanina



Bulk Sample Summary Report



Client Name:	GeoTechnical & Env. Consultants, Inc.	AES Job Number:	1205B16
Project Name:	DCA Woodlands Village	Project Number:	120313.240

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-4P Layer: 1	1205B16-048A	Apt 224 JC In Kitchen Closet	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-4Q Layer: 1	1205B16-049A	Hall Corner JC Apt 224	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-4R Layer: 1	1205B16-050A	Apt 222 JC at Kitchen Corner	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-7C Layer: 1	1205B16-051A	Bathroom Caulk Sink Apt 222	ND	ND	ND	ND	ND	ND	
WV-4S Layer: 1	1205B16-052A	JC In Shop at Door	ND	ND	ND	ND	ND	ND	
WV-4T Layer: 1	1205B16-053A	JC In Shop at Center Ceiling	ND	ND	ND	ND	ND	ND	
WV-15A Layer: 1	1205B16-054A	Bldg 300 Roof Shingles & Felt	ND	ND	ND	ND	ND	ND	

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite

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ND = None Detected

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Microanalyst:   
Vira Ruiz

QC Analyst:   
Yelena Khanina



**ANALYTICAL ENVIRONMENTAL SERVICES, INC.**  
**Bulk Sample Summary Report**



Lab ID# 102082-0

17-May-12

Client Name:	<b>GeoTechnical &amp; Env. Consultants, Inc.</b>	AES Job Number:	<b>1205B16</b>
Project Name:	<b>DCA Woodlands Village</b>	Project Number:	<b>120313.240</b>

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-15A Layer: 2	1205B16-054A	Bldg 300 Roof Shingles & Felt	ND	ND	ND	ND	ND	ND	
WV-16A Layer: 1	1205B16-055A	Kitchen 4"x4" Lino Smooth Surface	ND	ND	ND	ND	ND	ND	Light Tan Vinyl
WV-16A Layer: 2	1205B16-055A	Kitchen 4"x4" Lino Smooth Surface	ND	ND	ND	ND	ND	ND	Backing with glue
WV-16A Layer: 1	1205B16-055B	Kitchen 4"x4" Lino Smooth Surface	ND	ND	ND	ND	ND	ND	Light Gray Vinyl
WV-16A Layer: 2	1205B16-055B	Kitchen 4"x4" Lino Smooth Surface	ND	ND	ND	ND	ND	ND	Backing with glue
WV-16B Layer: 1	1205B16-056A	AC Closet 4"x4" Lino Beige Smooth Surface	ND	ND	ND	ND	ND	ND	Light Tan Vinyl
WV-16B Layer: 2	1205B16-056A	AC Closet 4"x4" Lino Beige Smooth Surface	ND	ND	ND	ND	ND	ND	Backing with glue

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite

For comments on the samples, see the individual analysis sheets.

ND = None Detected

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**Bulk Sample Summary Report**



Lab ID# 102082-0

17-May-12

Client Name: <b>GeoTechnical &amp; Env. Consultants, Inc.</b>	AES Job Number: <b>1205B16</b>
Project Name: <b>DCA Woodlands Village</b>	Project Number: <b>120313.240</b>

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-16B Layer: 3	1205B16-056A	AC Closet 4"x4" Lino Beige Smooth Surface	ND	ND	ND	ND	ND	ND	Caulking
WV-16B Layer: 1	1205B16-056B	AC Closet 4"x4" Lino Beige Smooth Surface	ND	ND	ND	ND	ND	ND	Beige / Dark Gray Vinyl with glue
WV-9B Layer: 1	1205B16-057A	Beige Print with Black Vinyl AC Closet	ND	ND	ND	ND	ND	ND	Vinyl; Paint included as binder
WV-9B Layer: 2	1205B16-057A	Beige Print with Black Vinyl AC Closet	ND	ND	ND	ND	ND	ND	Backing
WV-9B Layer: 3	1205B16-057A	Beige Print with Black Vinyl AC Closet	ND	ND	ND	ND	ND	ND	Caulking. Paint included as binder
WV-7D Layer: 1	1205B16-058A	Bathroom Stool Caulk	ND	ND	ND	ND	ND	ND	
WV-2B Layer: 1	1205B16-059A	AC Closet Black Gray AC Caulk	ND	ND	ND	ND	ND	ND	

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Project Name:	<b>DCA Woodlands Village</b>	Project Number:	<b>120313.240</b>

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-15B Layer: 1	1205B16-060A	Bldg 100 Roof Shingles & Felt	ND	ND	ND	ND	ND	ND	
WV-15B Layer: 2	1205B16-060A	Bldg 100 Roof Shingles & Felt	ND	ND	ND	ND	ND	ND	
WV-17A Layer: 1	1205B16-061A	Wallboard (SR) In House - Office Back Ctr Hall	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-17A Layer: 2	1205B16-061A	Wallboard (SR) In House - Office Back Ctr Hall	ND	ND	ND	ND	ND	ND	
WV-17B Layer: 1	1205B16-062A	Wallboard (SR) In Hallway Outside Leasing Office	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-17B Layer: 2	1205B16-062A	Wallboard (SR) In Hallway Outside Leasing Office	ND	ND	ND	ND	ND	ND	
WV-18A Layer: 1	1205B16-063A	9x9 Ft with Black Mastic	10	ND	ND	ND	ND	ND	Floor Tile

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite

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Bulk Sample Summary Report



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Project Name: <b>DCA Woodlands Village</b>	Project Number: <b>120313.240</b>

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-18A Layer: 2	1205B16-063A	9x9 Ft with Black Mastic	10	ND	ND	ND	ND	ND	Black Mastic
WV-18B Layer: 1	1205B16-064A	9x9 Ft with Black Mastic	10	ND	ND	ND	ND	ND	Floor Tile
WV-19A Layer: 1	1205B16-065A	Basement White Type On Abandon Duct Work	65	ND	ND	ND	ND	ND	
WV-19B Layer: 1	1205B16-066A	Basement White Type On Abandon Duct Work	65	ND	ND	ND	ND	ND	
WV-20A Layer: 1	1205B16-067A	Black Thin Layer Cementing Pipe? In Basement Broken Into Many Pieces	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-20B Layer: 1	1205B16-068A	Black Thin Layer Cementing Pipe? In Basement Broken Into Many Pieces	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-21A Layer: 1	1205B16-069A	Lt Tan Pliable Caulk On Door Frames At House - Office Exterior	ND	ND	ND	ND	ND	ND	Caulk

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Bulk Sample Summary Report

Client Name:	GeoTechnical & Env. Consultants, Inc.	AES Job Number:	1205B16
Project Name:	DCA Woodlands Village	Project Number:	120313.240

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-21A Layer: 2	1205B16-069A	Lt Tan Pliable Caulk On Door Frames At House - Office Exterior	2	ND	ND	ND	ND	ND	Glaze; Paint included as binder
WV-21B Layer: 1	1205B16-070A	Lt Tan Pliable Caulk Window Frame Exterior	ND	ND	ND	ND	ND	ND	
WV-22A Layer: 1	1205B16-071A	Exterior D Side Valley Gray Black Pliable Flashing	ND	ND	ND	ND	ND	ND	
WV-22B Layer: 1	1205B16-072A	Exterior D Side Chimney Gray Black Pliable Flashing	ND	ND	ND	ND	ND	ND	
WV-23A Layer: 1	1205B16-073A	Exterior Window Caulk A Side	ND	ND	ND	ND	ND	ND	Paint included as binder; Caulk
WV-23A Layer: 2	1205B16-073A	Exterior Window Caulk A Side	5	ND	ND	ND	ND	ND	Paint included as binder; Glaze
WV-23B Layer: 1	1205B16-074A	Exterior Window Caulk C Side	ND	ND	ND	ND	ND	ND	Paint included as binder; Caulk

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Client Name:	GeoTechnical & Env. Consultants, Inc.	AES Job Number:	1205B16
Project Name:	DCA Woodlands Village	Project Number:	120313.240

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
WV-24A Layer: 1	1205B16-075A	Office Bathroom Exterior Window Glaze	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-24B Layer: 1	1205B16-076A	Office Bathroom Exterior Window Glaze	ND	ND	ND	ND	ND	ND	Paint included as binder
WV-24B Layer: 2	1205B16-076A	Office Bathroom Exterior Window Glaze	ND	ND	ND	ND	ND	ND	Paint included as binder

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite

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QC Analyst:

Yelena Khanina



**ALPHA ENERGY LABORATORIES**

2501 Mayes Road, Suite 100  
Carrollton, Texas 75006  
Phone 972-242-2479 ext. 52 Fax 972-242-8860

Project: Woodland Village

Client:

**G E C**  
514 Hillcrest Industrial Blvd  
Macon, GA 31204  
Attn: David Price

Date Received: 5/14/2012  
NEHA ID#: 101132 AL  
State ID#:

**RADON RESULT SUMMARY**

<u>Kit_ID_1</u>	<u>Test Location</u>	<u>pCi/L</u>	<u>Start Date</u>	<u>End Date</u>	<u>Room Location</u>
AE393881	220	2.3	5/7/2012	5/9/2012	Kitchen Counter
AE393886	106	2.5	5/7/2012	5/9/2012	China Cabinet
AE393879	102	2.2	5/7/2012	5/9/2012	Living Room Over Mirror
AE393887	213	<1.4	5/7/2012	5/9/2012	Kitchen Counter
AE393900	Mail Room	1.7	5/7/2012	5/9/2012	Over Dryer
AE393890	218	1.5	5/7/2012	5/9/2012	Computer Desk
AE393889	207	2.9	5/7/2012	5/9/2012	China Cabinet
AE393897	204	1.8	5/7/2012	5/9/2012	End Table
AE393875	105	1.4	5/7/2012	5/9/2012	Kitchen Counter

Laboratory Director

Date

5/16/2012



**ALPHA ENERGY LABORATORIES**

2501 Mayes Road, Suite 100  
Carrollton, Texas 75006  
Phone 972-242-2479 ext. 52 Fax 972-242-8860

Project: Woodland Village

Client:

G E C  
514 Hillcrest Industrial Blvd  
Macon, GA 31204  
Attn: David Price

Date Received: 5/14/2012  
NEHA ID#: 101132 AL  
State ID#:

**RADON RESULT SUMMARY**

<u>Kit ID_1</u>	<u>Test Location</u>	<u>pCi/L</u>	<u>Start Date</u>	<u>End Date</u>	<u>Room Location</u>
AE393902	105	<1.3	5/7/2012	5/9/2012	Kitchen Counter
AE393878	109	1.5	5/7/2012	5/9/2012	China Cabinet
AE393885	225	1.9	5/7/2012	5/9/2012	End Table
AE393899	221	1.4	5/7/2012	5/9/2012	China Cabinet
AE393892	Shop	2.0	5/7/2012	5/9/2012	Top Mattress
AE393893	302	2.3	5/7/2012	5/9/2012	Kitchen Counter
AE393896	308	4.9	5/7/2012	5/9/2012	End Table
AE393884	310	2.9	5/7/2012	5/9/2012	End Table
AE393872	316	<1.3	5/7/2012	5/9/2012	End Table

Laboratory Director

Date

5/16/2012



**ALPHA ENERGY LABORATORIES**

2501 Mayes Road, Suite 100  
Carrollton, Texas 75006  
Phone 972-242-2479 ext. 52 Fax 972-242-8860

Project: Woodland Village

Client:

**G E C**  
514 Hillcrest Industrial Blvd  
Macon, GA 31204  
Attn: David Price

Date Received: 5/14/2012  
NEHA ID#: 101132 AL  
State ID#:

**RADON RESULT SUMMARY**

<u>Kit ID_1</u>	<u>Test Location</u>	<u>pCi/L</u>	<u>Start Date</u>	<u>End Date</u>	<u>Room Location</u>
AE393876	312	2.9	5/7/2012	5/9/2012	Kitchen Table
AE393898		1.4	5/7/2012	5/9/2012	Not Provided
AE393888	201	1.2	5/7/2012	5/9/2012	End Table
AE393895	313	<1.1	5/7/2012	5/9/2012	End Table
AE393894	225	1.4	5/7/2012	5/9/2012	Kitchen Counter
AE393883	206	1.2	5/7/2012	5/9/2012	End Table
AE393891	305	<1.0	5/7/2012	5/9/2012	End Table
AE393877	301	2.0	5/7/2012	5/9/2012	Kitchen Counter
AE393864	Office	1.3	5/7/2012	5/9/2012	Hall Desk

Laboratory Director

Date 5/16/2012



## ALPHA ENERGY LABORATORIES

2501 Mayes Road, Suite 100  
Carrollton, Texas 75006  
Phone 972-242-2479 ext. 52 Fax 972-242-8860

Project: Woodland Village

Client:

**G E C**  
514 Hillcrest Industrial Blvd  
Macon, GA 31204  
Attn: Anna Marie Davis

Date Received: 5/23/2012  
NEHA ID#: 101132 AL  
State ID#:

### RADON RESULT SUMMARY

<u>Kit_ID_1</u>	<u>Test Location</u>	<u>pCi/L</u>	<u>Start Date</u>	<u>End Date</u>	<u>Room Location</u>
AE395740	Apt 308	3.1	5/18/2012	5/21/2012	Kitchen Counter
AE395743	Apt 308	3.5	5/18/2012	5/21/2012	Bookshelf
AE395741	Apt 308	3.9	5/18/2012	5/21/2012	Kitchen Island Table

Laboratory Director

Date

5/24/2012

# **EDR Vapor Encroachment**

**GEC**

**DCA Woodlands Village I & II**

1201 West North Main Street

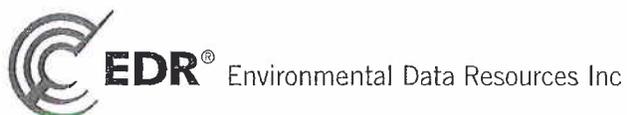
LA Fayette, GA 30728

Inquiry Number: 3309612.8s

May 24, 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)

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

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of 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	0.333	0	0	0
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	2
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	2
<b>HISTORICAL USE RECORDS</b>				
Former manufactured Gas Plants	0.333	0	0	0
Historical Gas Stations	not searched	-	-	-
Historical Dry Cleaners	not searched	-	-	-

\*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 WOODLANDS VILLAGE I & II  
1201 WEST NORTH MAIN STREET  
LA FAYETTE, GA 30728

### COORDINATES

Latitude (North):	34.7266 - 34° 43' 35.76233"
Longitude (West):	85.2815 - 85° 16' 53.406372"
Elevation:	880 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: LYERLY

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Not reported

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 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	6 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.20	Max: 6.50 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	6 inches	22 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), Fat Clay.	Max: 0.06 Min: 0.00	Max: 6.50 Min: 4.50
3	22 inches	32 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), Fat Clay.	Max: 0.06 Min: 0.00	Max: 7.30 Min: 5.10
4	32 inches	36 inches	unweathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 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: cherty - loam  
loam  
silt loam  
cherty - silt loam

Surficial Soil Types: cherty - loam  
loam  
silt loam  
cherty - silt loam

Shallow Soil Types: cherty - clay loam  
clay loam

Deeper Soil Types: cherty - silty clay loam  
cherty - clay loam  
clay loam  
loamy sand  
cherty - clay

# EXECUTIVE SUMMARY

## SEARCH RESULTS

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

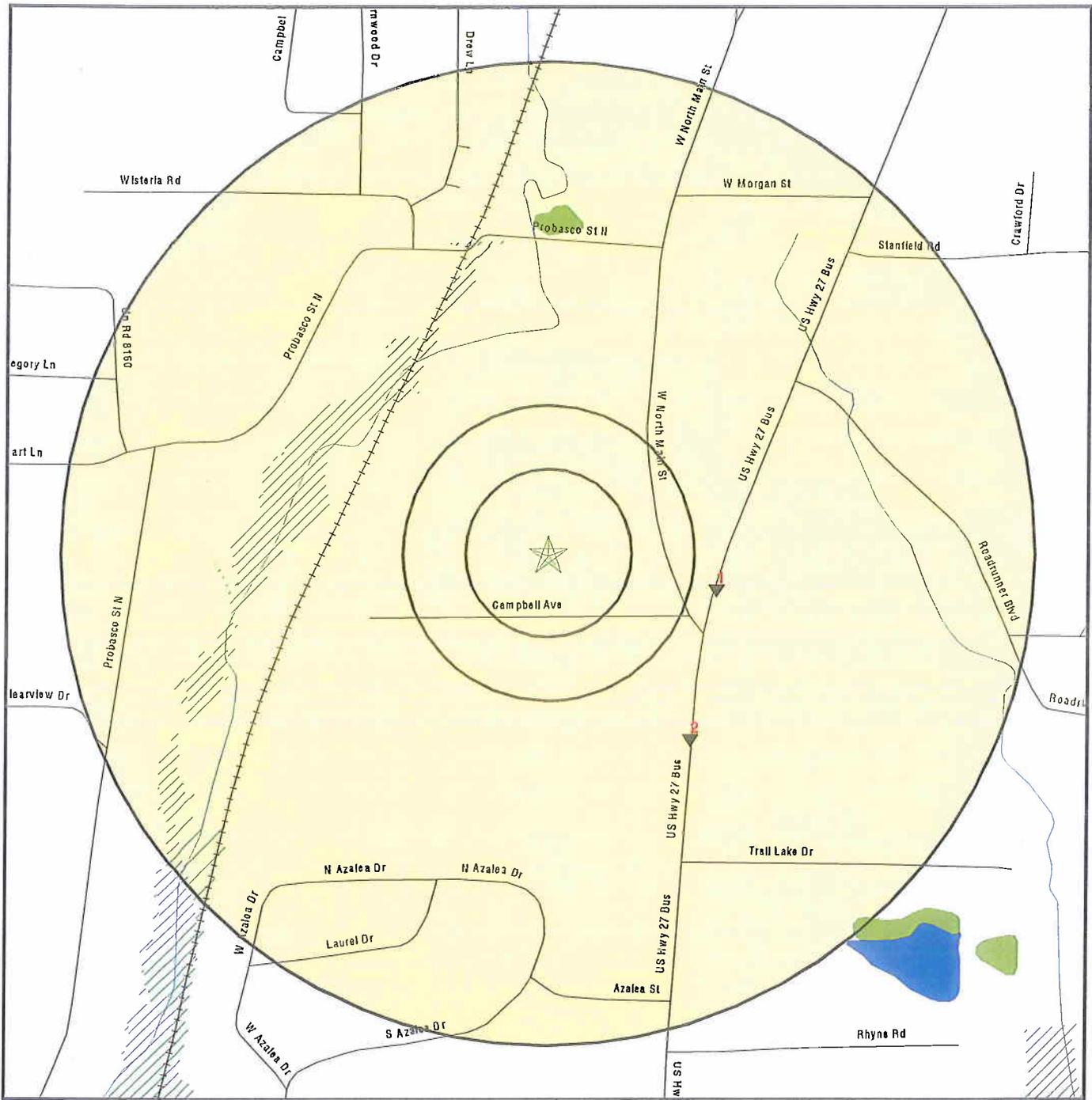
## STANDARD ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
GA STATE PATROL/POST #41 FINANCIAL ASSURANCE: Other Standard Environmental Records LUST: State and tribal leaking storage tank lists UST: State and tribal registered storage tank lists	1212 NORTH MAIN ST	1/10 - 1/3 ESE	▽ 1	10
PANTRY #3534 DBA GOLDEN GALLON FINDS: Other Standard Environmental Records LUST: State and tribal leaking storage tank lists	1151 N MAIN ST	1/10 - 1/3 SE	▽ 2	13

## HISTORICAL USE RECORDS

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

# PRIMARY MAP - 3309612.8s



- ☆ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ▼ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ⚡ Sensitive Receptors
- 🏠 National Priority List Sites
- 🏠 Dept. Defense Sites
- 🏠 Indian Reservations BIA
- 🏠 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><b>SITE NAME:</b> DCA Woodlands Village I &amp; II  <b>ADDRESS:</b> 1201 West North Main Street                  LA Fayette GA 30728  <b>LAT/LONG:</b> 34.7266 / 85.2815</p>	<p><b>CLIENT:</b> Geotechnical &amp; Envril. Cons.  <b>CONTACT:</b> Tameka Gordon  <b>INQUIRY #:</b> 3309612.8s  <b>DATE:</b> April 25, 2012 9:41 am</p>
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**AERIAL PHOTOGRAPHY - 3309612.8s**



**SITE NAME:** DCA Woodlands Village I & II  
**ADDRESS:** 1201 West North Main Street  
LA Fayette GA 30728  
**LAT/LONG:** 34.7266 / 85.2815

**CLIENT:** Geotechnical & Envtl. Cons.  
**CONTACT:** Tameka Gordon  
**INQUIRY #:** 3309612.8s  
**DATE:** April 25, 2012 9:42 am

MAP FINDINGS

**LEGEND**

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

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

GA STATE PATROL/POST #41 1212 NORTH MAIN ST, LAFAYETTE, GA, 30728			1006778027
▼ 1	ESE 1/10 - 1/3 12 ft. Lower Elevation	(622 ft. / 0.118 mi.) 868 ft. Above Sea Level	State and tribal leaking storage tank lists State and tribal registered storage tank lists Other Standard Environmental Records

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Groundwater Flow Gradient:**

Downgradient: YES

Topographically: YES

**GA FINANCIAL ASSURANCE: Other Standard Environmental Records**

Region: 1  
 Facility ID: 1460018  
 Financial Responsibility: G.U.S.T. Trust Fund

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

Facility ID: 01460018  
 Leak ID: 1  
 Description: Suspected Release Received  
 Cleanup Status: NFA - Suspected Release  
 Date Received: 12/10/1997  
 Project Officer: Strickfaden, Richard K

Facility ID: 01460018  
 Leak ID: 2  
 Description: Confirmed Release Received  
 Cleanup Status: NFA - No Further Action  
 Date Received: 03/29/2007  
 Project Officer: Humphris, David D

MAP FINDINGS

GA STATE PATROL/POST #41, 1212 NORTH MAIN ST, LAFAYETTE, GA 30728 (Continued)

Facility: State and tribal registered storage tank lists

Facility Id: 1460018  
Facility Status: Closed  
Facility Type: State  
District: Mountain Cartersville  
Contact Id: 10  
Owner Name: GEORGIA DEPARTMENT OF PUBLIC SAFETY  
Owner Address: 959 EAST CONFEDERATE AVE SE  
Owner City: ATLANTA  
Owner State: GA  
Owner Zip: 30316  
Owner City,St,Zip: ATLANTA, GA 30316  
Owner Telephone: 404-624-7080

Tanks:

Facility ID: 1460018  
Tank ID: 1  
Status Date: 03/10/1968  
**Status: Installed**  
Product1: Gas  
Material: Bare Steel  
Capacity: 3000  
Pipe Material: Galvanized Steel  
Pipe Type: Not Marked  
Overfill Protection: Not Reported  
Overfill Installed: Not Reported  
Tank Exempt From Spill: Not Reported  
Date Spill Device Installed: Not Reported

Facility ID: 1460018  
Tank ID: 1  
Status Date: 02/08/2007  
**Status: Removed From Ground**  
Product1: Gas  
Material: Bare Steel  
Capacity: 3000  
Pipe Material: Galvanized Steel  
Pipe Type: Not Marked  
Overfill Protection: Not Reported  
Overfill Installed: Not Reported  
Tank Exempt From Spill: Not Reported  
Date Spill Device Installed: Not Reported

Facility ID: 1460018  
Tank ID: 1  
Status Date: 07/01/1998



**GA STATE PATROL/POST #41, 1212 NORTH MAIN ST, LAFAYETTE, GA 30728 (Continued)**

<b>Status:</b>	<b>Temporarily Out Of Use</b>
Product1:	Gas
Material:	Bare Steel
Capacity:	3000
Pipe Material:	Galvanized Steel
Pipe Type:	Not Marked
Overfill Protection:	Not Reported
Overfill Installed:	Not Reported
Tank Exempt From Spill:	Not Reported
Date Spill Device Installed:	Not Reported

MAP FINDINGS

PANTRY #3534 DBA GOLDEN GALLON 1151 N MAIN ST, LAFAYETTE, GA, 30728		1006783955
▼ 2	SE 1/10 - 1/3 (840 ft. / 0.159 mi.) 33 ft. Lower Elevation 847 ft. Above Sea Level	State and tribal leaking storage tank lists Other Standard Environmental Records

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Conditions:**

Petroleum Hydrocarbon Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Downgradient: YES

Topographically: YES

**FINDS: Other Standard Environmental Records**

Registry ID: 110013533391

**Environmental Interest/Information System:**

GEIMS (Geographic Environmental Information Management System) provides the EPA and Public a single point of access to core data for all facilities and sites regulated or monitored by the EPA and a single system for the reporting of all environmental data.

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

- Facility ID: 01460033
- Leak ID: 1
- Description: Confirmed Release Received
- Cleanup Status: NFA - No Further Action
- Date Received: 01/17/1995
- Project Officer: Burris, Stephen B
  
- Facility ID: 01460033
- Leak ID: 1
- Description: Suspected Release Received
- Cleanup Status: NFA - No Further Action
- Date Received: 12/21/1994
- Project Officer: Burris, Stephen B

## 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 Listing

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  
Number of Days to Update: 49  
Last EDR Contact :02/27/2012

Source: Department of Natural Resources  
Telephone: 404-363-7000

#### **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  
Number of Days to Update: 36  
Last EDR Contact :02/27/2012

Source: Office of Insurance & Safety Fire Commissioner  
Telephone: 404-656-5875

#### **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  
Number of Days to Update: 24  
Last EDR Contact :02/17/2012

Source: Department of Natural Resources  
Telephone: 404-657-8600

#### **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  
Number of Days to Update: 27  
Last EDR Contact :02/17/2012

Source: Department of Natural Resources  
Telephone: 404-657-8600

#### **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  
Number of Days to Update: 41

Source: Department of Natural Resources  
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:** Corrcctive 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

Source: Environmental Protection Agency

Number of Days to Update: 40

Telephone: 202-564-2501

Last EDR Contact :12/17/2007

### **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

Source: U.S. Department of Transportation

Number of Days to Update: 38

Telephone: 202-366-4555

Last EDR Contact :04/03/2012

### **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

Source: Environmental Protection Agency

Number of Days to Update: 61

Telephone: 202-564-5088

Last EDR Contact :03/26/2012

### **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

Source: EPA Region 1

Number of Days to Update: 10

Telephone: 617-918-1313

Last EDR Contact :02/03/2012

### **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

Source: EPA Region 10

Number of Days to Update: 7

Telephone: 206-553-2857

Last EDR Contact :01/30/2012

### **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

Source: EPA Region 4

Number of Days to Update: 26

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

#### **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

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**APPENDIX F:**  
**Noise Assessment Documentation**

**Worksheet A  
Site Evaluation**

Noise Assessment Guidelines

Site Location

1201 West North Main Street

Program

Project Name

Woodlands Village I & II

Locality

Lafayette, Walker County, Georgia

File Number

120313.240

Sponser's Name

Phone

Street Address

City, State

	Acceptability Category	DNL 52.0 / 54.0 / 58.2 / 53.6 / 54.3 / 57.6	Predicted for Operations in Year
1. Roadway Noise	Acceptable		2022
2. Aircraft Noise	Acceptable	< 55	2012
3. Railway Noise	Acceptable	57.2 / 53.6 / 50.6 / 53.7 / 52.8 / 50.7	2012
		< 65	

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

Final Site Evaluation (circle one)

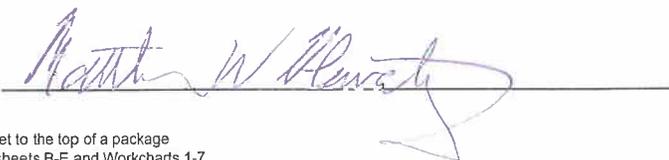
Acceptable

Normally Unacceptable

Unacceptable

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

Signature

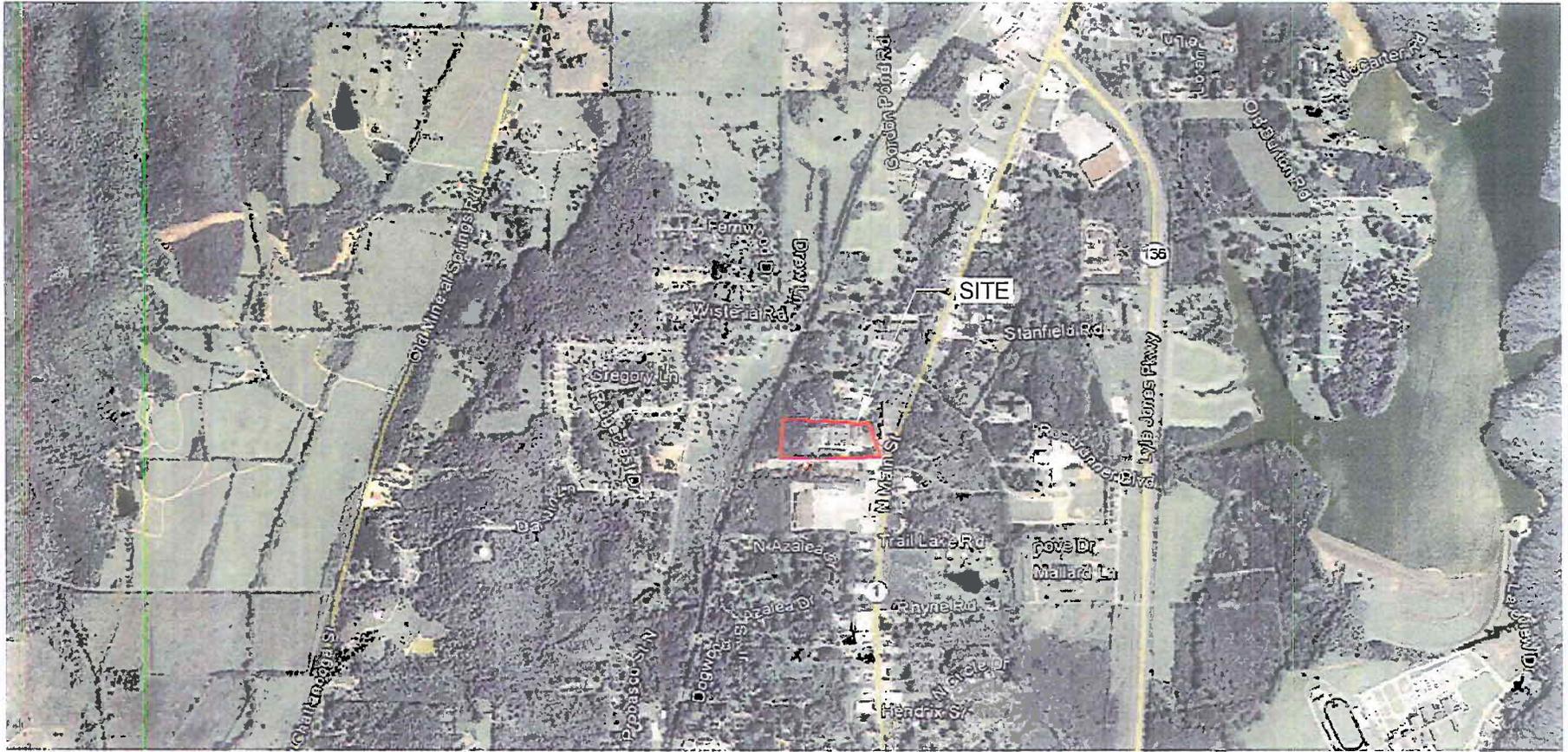


Date

06/11/12

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





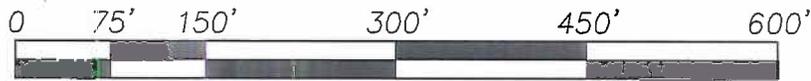
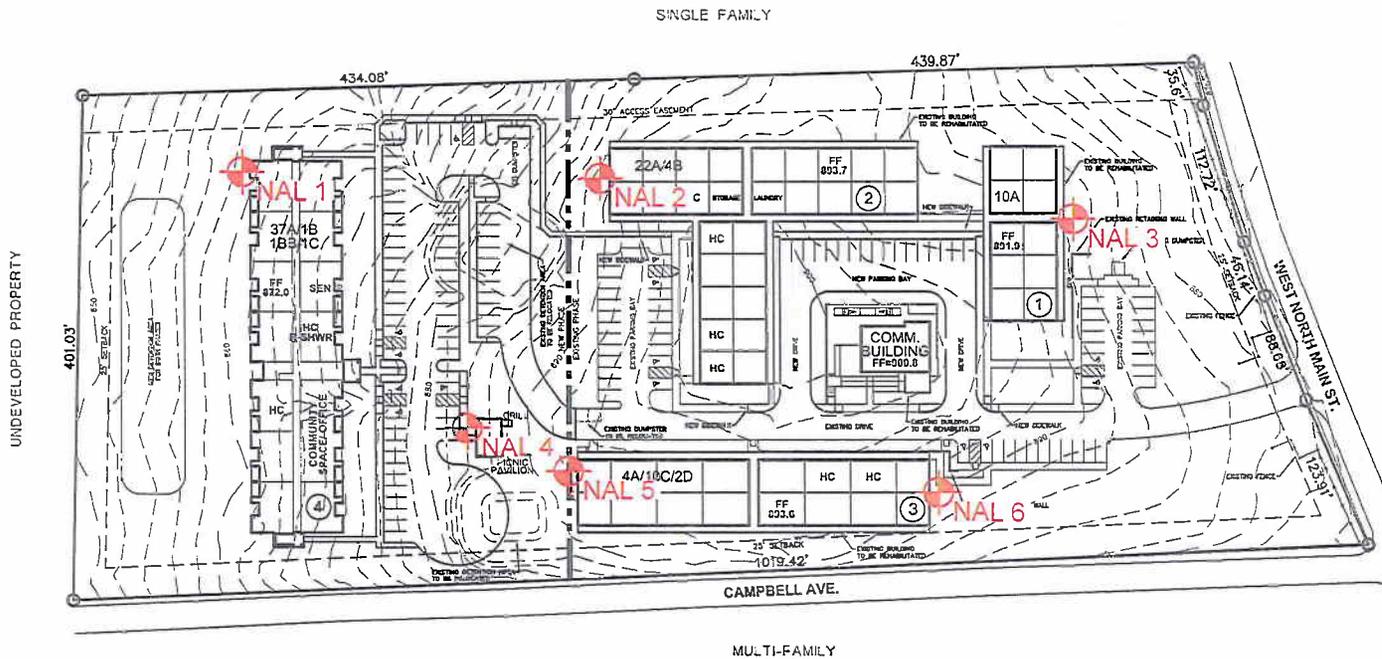
NOT TO SCALE  
Image courtesy of Google Earth

SITE VICINITY  
WOODLANDS VILLAGE I & II  
LAFAYETTE, GEORGIA

GEC PROJECT NO. 120313.240

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SCALE: 1" = 150'

NAL	Road DNL	Air DNL	Rail DNL	Combined
1	52.0	< 55	57.2	58.4
2	54.0	< 55	53.6	56.8
3	58.2	< 55	50.6	58.9
4	53.6	< 55	53.7	56.6
5	54.3	< 55	52.8	56.6
6	57.6	< 55	50.7	58.4

Image courtesy of Google Earth

**NOISE ASSESSMENT LOCATIONS  
WOODLANDS VILLAGE I & II  
LAFAYETTE, GEORGIA**

GEC PROJECT NO. 120313.240

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**Worksheet C**  
**Roadway Noise**

List all major roads within 1000 feet of the site:

1 N. Main Street

2 No major roadways within 1000 feet, per maps

NAL 1/2/3/4/5/6

3 \_\_\_\_\_

4 \_\_\_\_\_

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)	1017 / 750 / 393 / 802 / 718 / 429	_____	_____	_____
2. Distance to stop sign	_____	_____	_____	_____
3. Road gradient in percent (%)	2	_____	_____	_____
4. Average speed in mph				
a. Automobiles	35	_____	_____	_____
b. heavy trucks - uphill	35	_____	_____	_____
c. heavy trucks - downhill	35	_____	_____	_____
5. 24 hour average number of automobiles and medium trucks in both directions (ADT)				
a. automobiles	16455*	_____	_____	_____
b. medium trucks	n/a	_____	_____	_____
c. effective ADT (a + (10xb))	16455	_____	_____	_____
6. 24 hour average number of heavy trucks				
a. uphill	_____	_____	_____	_____
b. downhill	_____	_____	_____	_____
c. total	336*	_____	_____	_____
7. Fraction of nighttime traffic (10 p.m. to 7 a.m.)	0.15	_____	_____	_____
8. Traffic projected for what year?	2022	_____	_____	_____

\* - per GDOT website, with assumptions: (1) 3% growth for 11 years; and (2) based on truck data given, 98% autos, 2% heavy trucks



ONE MAJOR ROADWAY WAS FOUND TO BE WITHIN A 1000-FT RADIUS OF THE SITE.

Roadway		
NAL	Eff. Distance (feet)	DNL (dB)
1	1017	52.0
2	750	54.0
3	393	58.2
4	802	53.6
5	718	54.3
6	429	57.6

NOT TO SCALE  
Image courtesy of Google Earth

MAJOR ROADWAYS - 1000-FT RADIUS  
WOODLANDS VILLAGE I & II  
LAFAYETTE, GEORGIA

GEC PROJECT NO. 120313.240

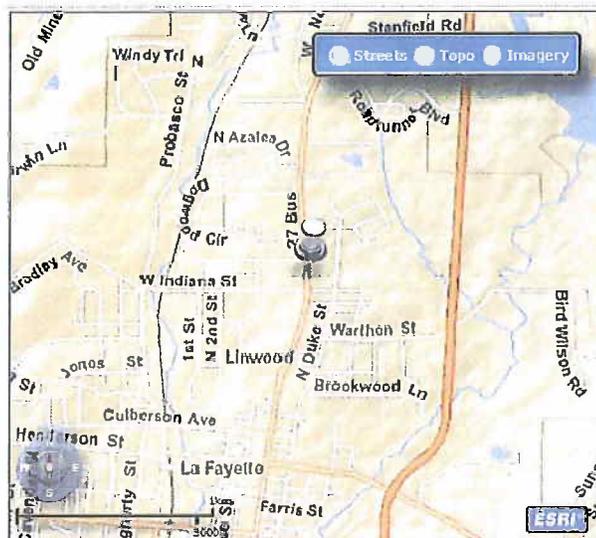
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# State Traffic & Report Statistics (STARS)

295 Walker, Traffic Counter: 0018



Disclaimer: The Georgia Department of Transportation makes no representation or warranties, implied or expressed, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of this information and data contained on this Web Site.

Year	RCLINK	Beginning Milepoint	Ending Milepoint	Directional	Actual/Estimate	Direction 1	Direction 2	Total AADT	Truck%
2011	29510001BU	1.53	3.34	Directional	Actual	5920 (North)	6210 (South)	12130	2%
2010	29510001BU	1.53	3.34	Non-Directional	Estimate			11920	
2009	29510001BU	1.53	3.34	Non-Directional	Actual			12060	7%
2008	29510001BU	1.53	3.34	Non-Directional	Estimate			13860	
2007	29510001BU	1.53	3.34	Bi-Directional	Actual	7270 (South)	7030 (North)	14300	
2006	29510001BU	1.53	3.34	Non-Directional	Actual			15190	
2005	29510001BU	1.53	3.34	Non-Directional	Actual			15040	

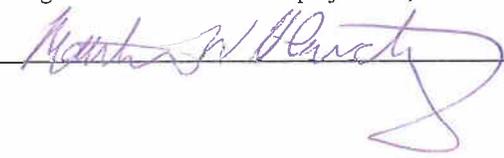
# Worksheet B Aircraft Noise

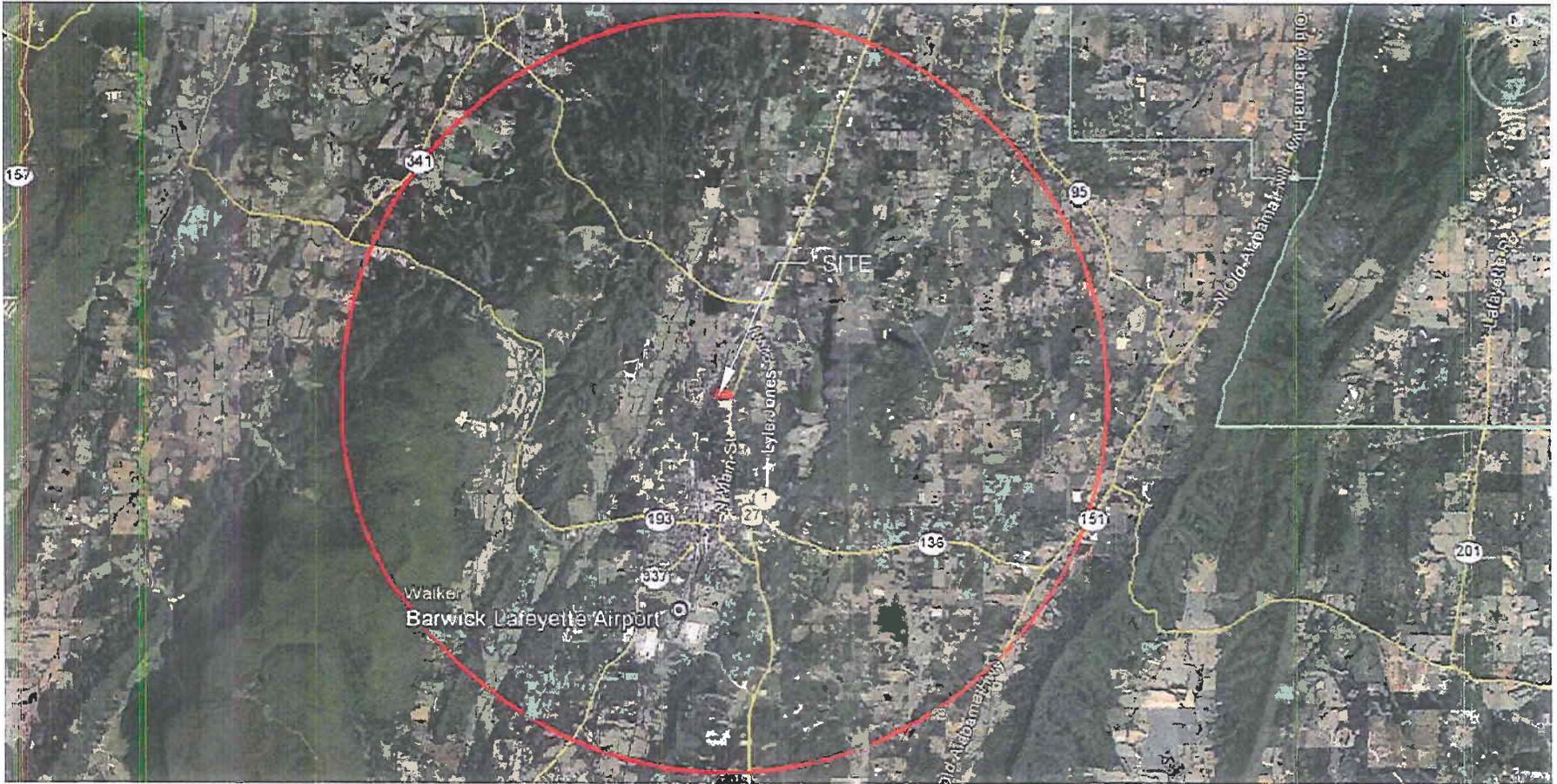
List all airports within 15 miles of the site:

- 1 Barwick Lafayette Airport (NO JETS) 2.9 miles S
- 2 No other airports within 15 miles of site, per maps
- 3 \_\_\_\_\_

Necessary Information:	Airport 1	Airport 2	Airport 3
1. Are DNL, NEF or CNR contours available? (yes/no)	<u>No</u>	_____	_____
2. Any supersonic aircraft operations? (yes/no)	<u>No</u>	_____	_____
3. Estimating approximate contours from Figure 3:			
a. number of nighttime jet operations	<u>0</u>	_____	_____
b. number of daytime jet operations	<u>0</u>	_____	_____
c. effective number of operations (10 times a + b)	<u>0</u>	_____	_____
d. distance A for 65 dB	<u>n/a</u>	_____	_____
70 dB	_____	_____	_____
75 dB	_____	_____	_____
e. distance B for 65 dB	<u>n/a</u>	_____	_____
70 dB	_____	_____	_____
75 dB	_____	_____	_____
4. Estimating DNL from Table 2:			
a. distance from 65 dB contour to flight path, D <sup>1</sup>	<u>n/a</u>	_____	_____
b. distance from NAL to flight path, D <sup>2</sup>	<u>n/a</u>	_____	_____
c. D <sup>2</sup> divided by D <sup>1</sup>	<u>n/a</u>	_____	_____
d. DNL	<u>&lt;55</u>	_____	_____
5. Operations projected for what year?	<u>2012</u>	_____	_____
6. Total DNL from all airports		<u>&lt;55</u>	_____

\* - D<sup>2</sup> divided by D<sup>1</sup> exceeded 3.16 at all NAL's, therefore Aircraft Noise DNL less than 55 dB per Chapter 5 Table 2; See attached Aircraft Noise Map for 65 dB and Flight Path contours  
 \*\* - Civil airport greater than 5 miles from project site, therefore not considered a noise source per HUD guidelines

Signed  Date 06/11/12



ONE CIVIL AIRPORT WAS FOUND WITHIN A 5-MILE RADIUS OF THE SITE.

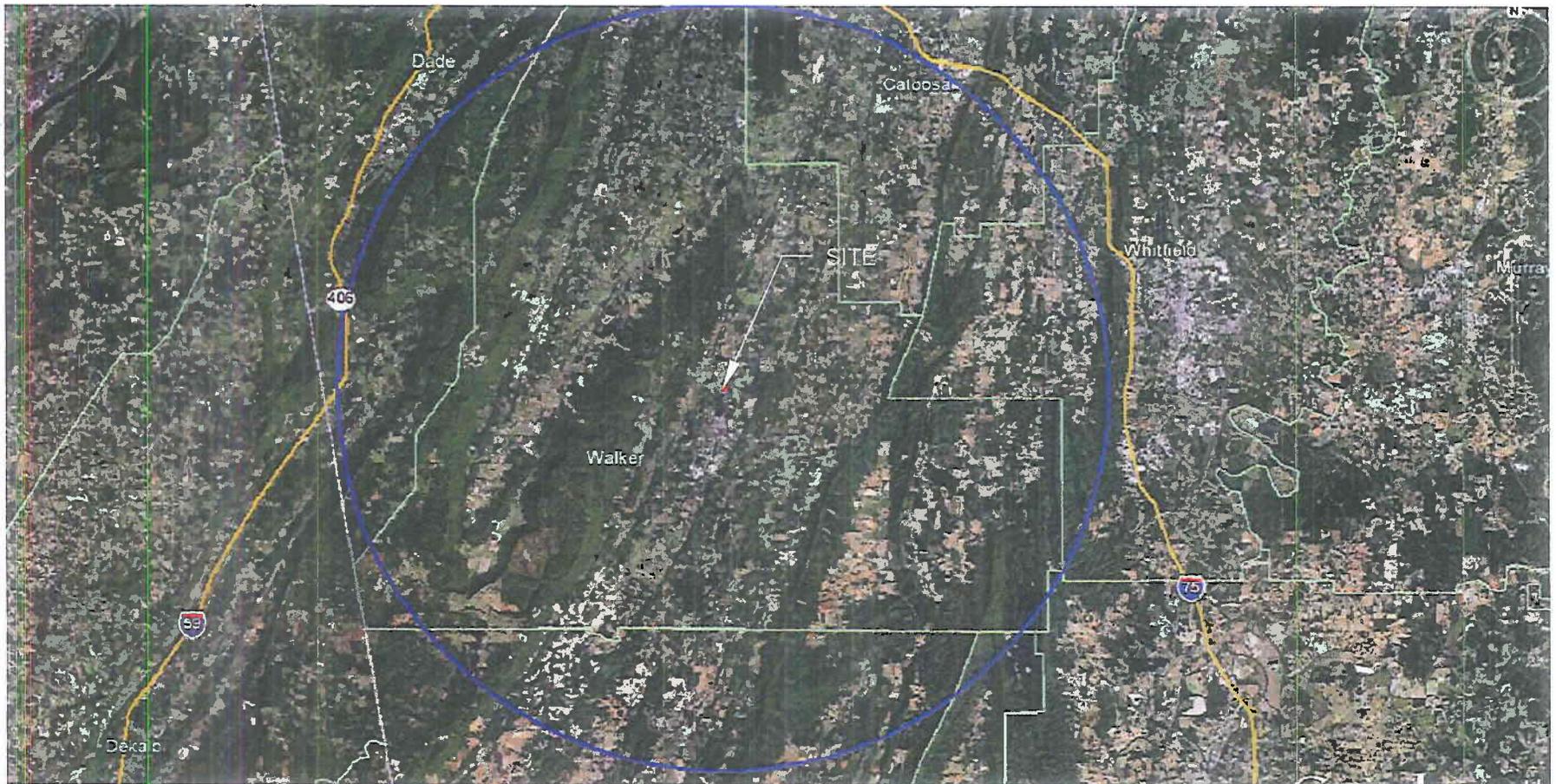
NOT TO SCALE  
Image courtesy of Google Earth

**CIVIL AIRPORTS - 5-MILE RADIUS  
WOODLANDS VILLAGE I & II  
LAFAYETTE, GEORGIA**

GEC PROJECT NO. 120313.240

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NO MILITARY AIRFIELDS WERE FOUND WITHIN A 15-MILE RADIUS OF THE SITE.



NOT TO SCALE  
Image courtesy of Google Earth

**MILITARY AIRFIELDS - 15-MILE RADIUS  
WOODLANDS VILLAGE I & II  
LAFAYETTE, GEORGIA**

GEC PROJECT NO. 120313.240

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[Main Menu](#)

### K9A5 Airport/FBO Info

New Airport ID:

Find by Airport or City Name:

### K9A5 Airport:

[Compact](#)

**HOTELS**

[Printout](#)

BARWICK LAFAYETTE LAFAYETTE GA

Time Zone: **Eastern**

Lat: N 3441.3 Long: W 08517.4 Elev: 777 Var: +03 Longest Runway: **5350**

AWOS: 119.77 CTAF: 122.8

### FBO & Flight Services info for K9A5:

[FBOs: Update your Fuel Prices](#)

AIRPORT

Ph: 706-638-7071

Freq: 122.8

ASOS

Ph: 706-639-1976

Freq: 119.77

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

### Runway & Approach Info for K9A5

Rwy	Length	Land Dist Avail**	Approach*	Rwy	Length	Land Dist Avail**	Approach*
02	5350x75	5350'		20	5350x75	4900'	

\* 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
02/20	20,000	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@FltPlan.com](mailto:Support@FltPlan.com) for further information.

### Approach Charts for K9A5

View Approaches for K9A5 (for fast viewing) RNAV (GPS) RWY 02

View Approaches for K9A5 (PDF format for printing.)

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

### Customs Information

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

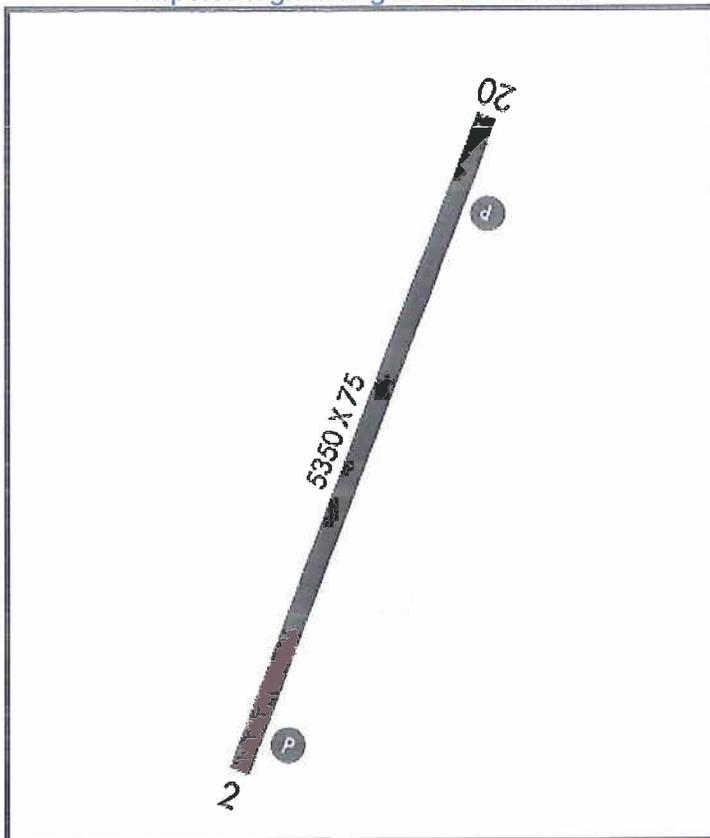
**Customs Not Available**

Click here to view [A/FD \(Airport/Facility Directory\)](#) for BARWICK LAFAYETTE

[A/FD Legend](#)

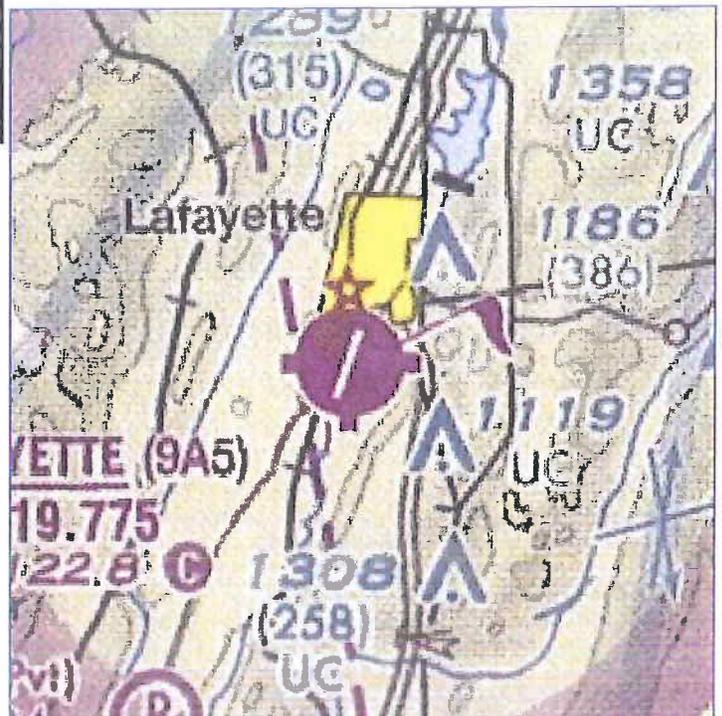
Database effective date: 04/05/2012

Airport Diagram might not be current.



Courtesy of Gary Venning - 2010

Facility Name:	BARWICK LAFAYETTE
City Name:	LAFAYETTE
County:	WALKER
State abbrev:	GA
State Name:	GEORGIA
<b>Ownership:</b>	PUBLICLY OWNED
<b>Use:</b>	OPEN TO THE PUBLIC
<b>Owner's Name:</b>	CITY OF LAFAYETTE
<b>Address:</b>	P.O. BOX 89
	LAFAYETTE, GA 30728
<b>Owner's Phone:</b>	706-638-1272
<b>Manager's Name:</b>	PHIL SHELTON
<b>Address:</b>	141 GASQUE DR
	LAFAYETTE, GA 30728
<b>Phone:</b>	706-638-7071
<b>FAA Region:</b>	SOUTHERN
<b>FAA Field Office:</b>	ATL



[Click here for full scale & interactive Sectional view of K9A5](#)

- 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: BARWICK LAFAYETTE**

Date:	Sunrise	Sunset	Date:	Sunrise	Sunset
05/16/12 Wednesday	6:37	20:39	05/23/12 Wednesday	6:33	20:44
<b>05/17/12 Thursday</b>	<b>6:36</b>	<b>20:39</b>	05/24/12 Thursday	6:32	20:44
05/18/12 Friday	6:36	20:40	05/25/12 Friday	6:32	20:45
05/19/12 Saturday	6:35	20:41	05/26/12 Saturday	6:31	20:46
05/20/12 Sunday	6:34	20:42	05/27/12 Sunday	6:31	20:46
05/21/12 Monday	6:34	20:42	05/28/12 Monday	6:30	20:47
05/22/12 Tuesday	6:33	20:43	05/29/12 Tuesday	6:30	20:48

**Airport Facilities**

Airport Attendance Schedule: MON-SAT 0900-1700  
 Airport Status: OPERATIONAL (This Status can change at any time - please check NOTAMS)  
 Airport Lighting Schedule: MIRL RY 02/20 PRESET MED INTST, TO INCR INTST & ACTVT MIRL RY 02/20 & PAPI RYS 02 & 20 - CTAF.  
 Airport Storage Available: Tie Downs  
 Extra Services Available: NONE  
 Wind Indicator: YES - (lighted)  
 Control Tower: NO  
 CTAF Frequency: 122.800  
 Unicom Frequency: 122.800  
 Rotating Beacon Color: CLEAR-GREEN (Light Land Airport)  
 Segmented Circle: YES  
 Landing Fee: NO

**Airport Services**

Type of Fuel Available: Grade 100LL, JET A-1 (icing inhibitor, freeze point -50C)  
 Airframe Repair Service: MAJOR  
 Power Plant Repair Service: MAJOR

**Geographic Data**

Latitude: **N3441.3** Longitude: **W08517.4** (ESTIMATED)  
 Arpt Elevation: **777ft** (SURVEYED)  
 Magnetic Variation: **03W**  
**1 miles S of LAFAYETTE**  
 Traffic Pattern Altitude:  
 Sectional Chart: ATLANTA

**Aircraft Data**

Operations (reported)	Yearly	Avg. Daily	Aircraft based on Field	
General Aviation transient:	3500	10	General Aviation Singles:	40
General Aviation Local:	3150	9	General Aviation Multi:	5
Air Taxi:	0	0	Jet Aircraft:	0
Commerical:	0	0	General Aviation Helicopters:	0
Commuter:	0	0	Military Aircraft:	0
Military:	100	0	Gliders:	0
			Ultralights:	1

**FAA Services**

FSS on field: NO  
 FSS tie-in: MACON  
 FSS Phone: 1-800-WX-BRIEF  
 Who issues Notams: MCN  
 Notam **D** service at airport: **YES**  
 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: 02/20**

**Length: 5350 ft**  
**Width: 75 ft**  
**Surface: ASPHALT-GOOD CONDITION**  
**Edge lights: Medium Intensity**

**Runway: 02**

Mag heading: 23°  
 Rwy Slope: .07% Up  
 Approach:  
 Pattern: Left Traffic  
 Markings: NONPRECISION INSTRUMENT  
 Marking Condition: GOOD  
 Arresting Dev:  
 Lat & Long: N3440.9 W08517.6  
 Elev: 770.5 ft. MSL  
 TCH: 39 ft. AGL  
 Visual Glide Path: 3.50 degrees  
 Displaced Threshold: No  
 Touchdown Zone: **YES**  
 Touchdown Elev.: 773.0 feet  
 Visual Glide Slope: 2-Light PAPI on RIGHT side of Runway  
 RVR Equipment:  
 RVV Equipment: NO  
 Approach Lights:  
 REIL: NO  
 Centerline Lights: NO

**Runway: 20**

Mag heading: 202°  
 Rwy Slope: -.07% Down  
 Approach:  
 Pattern: Left Traffic  
 Markings: NONPRECISION INSTRUMENT  
 Marking Condition: GOOD  
 Arresting Dev:  
 Lat. & Long.: N3441.7 W08517.2  
 Elev: 774.3 ft. MSL  
 TCH: 38 ft. AGL  
 Visual Glide Path: 3.50 degrees  
 Displaced Threshold: 450 feet  
 Touchdown Zone: **YES**  
 Touchdown Elev.: 777.0 feet  
 Visual Glide Slope: 2-Light PAPI on LEFT side of Runway  
 RVR Equipment:  
 RVV Equipment: NO  
 Approach Lights:  
 REIL: NO  
 Centerline Lights: NO

Touchdown lights: NO  
Runway Category: UTILITY RUNWAY WITH A NONPRECISION APPROACH

Touchdown lights: NO  
Runway Category: UTILITY RUNWAY WITH A NONPRECISION APPROACH

Declared Distances:

Declared Distances:

Obstructions: TREES

Obstructions: RR

Marked: NOT Marked/Lighted

Marked: NOT Marked/Lighted

Clearance slope: 6:1

Clearance slope: 0:1 AT DSPLCD THLD - RR TRACK -165 FT RIGHT.

Obstruction height: 66 feet AGL

Obstruction height: 35 feet AGL

Dist. from runway: 640 feet

Dist. from runway: 201 feet

Centerline offset: 275 right of centerline

Centerline offset: 100 feet left of centerline

Comments: +10 FT TREES & BRUSH 35 FT-200 FT FM THLD, 67 FT LEFT.

Comments: RAILROAD TRACKS 165 FT RIGHT OF THLD, +10 FT-30 FT TREES, 90 FT FM THLD, 130 FT ROGHT; +5 FT BERM 110 FT LEFT.

Remarks

- RR TRACKS PARALLEL W SIDE OF RWY 115' FROM CNTRLN.
- DEER AND OTHER WLDLIFE ON & INVOF RY & ARPT.
- RWY 02 RY 02 SLOPE 0.09% UP NORTH.
- RWY 20 RY 20 SLOPE 0.09% DOWN SOUTH.

Federal Agreements

- NATIONAL PLAN OF INTEGRATED AIRPORT SYSTEMS (NPIAS)

Airport Inspection Data

Airport Inspected: STATE - performed by PRIVATE CONTRACT PERSONNEL

Inspection Date: 07/03/2011

Airport Communications & Frequencies:

CTAF Frequency: 122.800

Unicom Frequency: 122.800

Remarks

- APCH/DEP SVC PRVDD BY ATLANTA ARTCC ON FREQS 133.8/353.7 (GADSDEN RCAG) WHEN CHATTANOOGA APCH CTL CLSD.

CHATTANOOGA Primary Approach Frequencies:

125.1

379.1

CHATTANOOGA Primary Departure Frequencies:

125.1

379.1

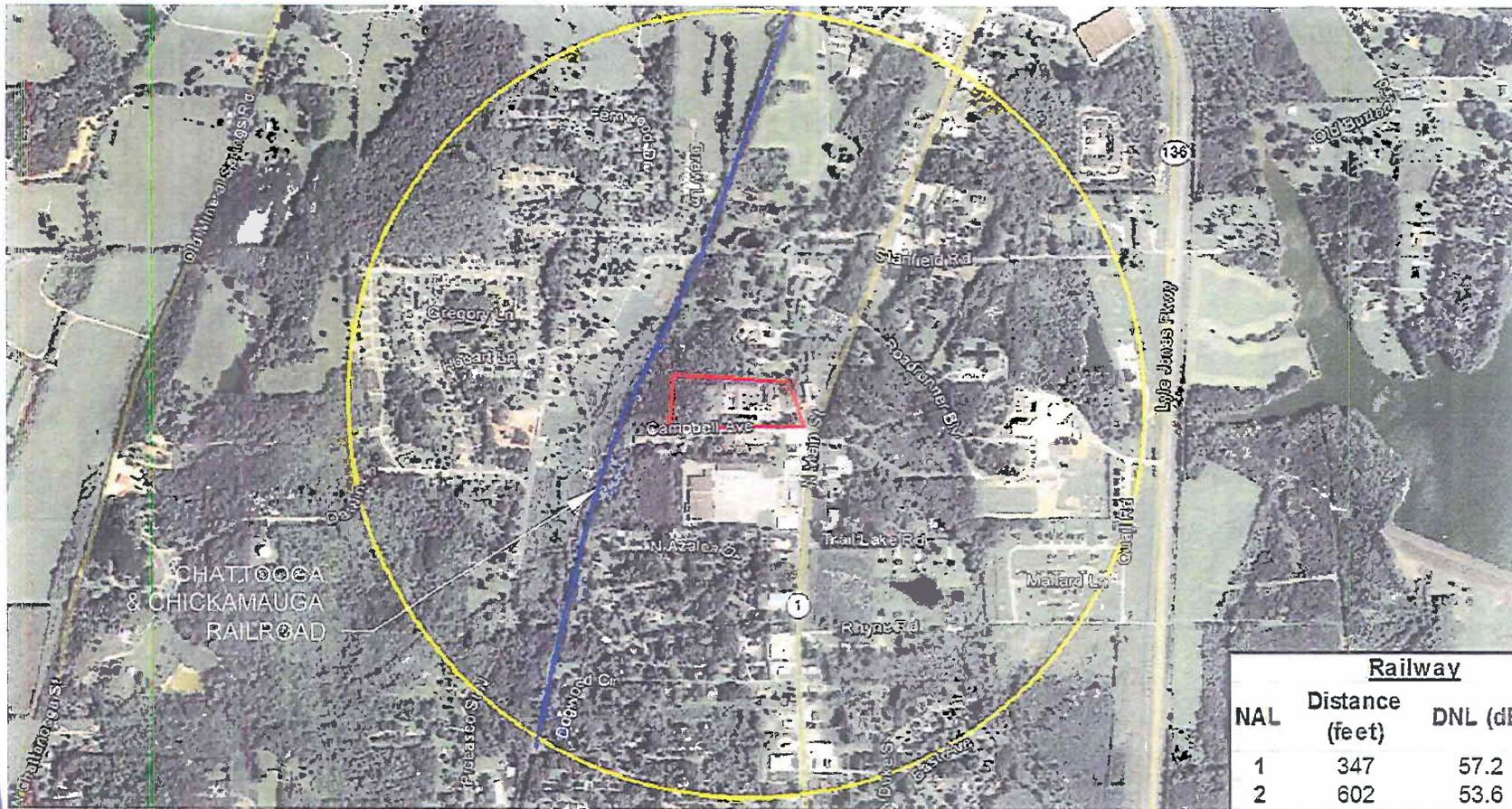
**Worksheet D**  
**Railway Noise**

List All Railways within 3000 feet of the site:

- 1 Chattooga & Chickmauga Railroad [CCKY]
- 2 No other railways within 3000 feet of site, per maps
- 3 \_\_\_\_\_

1/2/3/4/5/6

Necessary Information:	Railway No. 1	Railway No. 2	Railway No. 3
1. Distance in feet from the NAL to the railway track:	347 / 602 / 951 / 594 / 680 / 949	_____	_____
2. Number of trains in 24 hours:			
a. diesel	2	_____	_____
b. electrified	_____	_____	_____
3. Fraction of operations at night (10 p.m. - 7 a.m.):	0	_____	_____
4. Number of diesel locomotives per train:	2	_____	_____
5. Number of rail cars per train:			
a. diesel trains	20	_____	_____
b. electrified trains	_____	_____	_____
6. Average train speed:	20	_____	_____
7. Is track welded or bolted? (w/b)	w	_____	_____
8. Are whistles or horns required for grade crossings? (y/n)	y	_____	_____



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

Railway		
NAL	Distance (feet)	DNL (dB)
1	347	57.2
2	602	53.6
3	951	50.6
4	594	53.7
5	680	52.8
6	949	50.7

NOT TO SCALE  
Image courtesy of Google Earth

**RAILWAYS - 3000-FT RADIUS  
WOODLANDS VILLAGE I & II  
LAFAYETTE, GEORGIA**

GEC PROJECT NO. 120313.240

**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 5/17/2012**

Crossing No.: **719582X**                      Update Reason: **Changed Crossing**                      Effective Begin-Date of Record: **05/25/10**  
 Railroad: **CCKY Chattooga & Chickamauga RR [CCKY]**                      End-Date of Record:  
 Initiating Agency **Railroad**                      Type and Position: **Public At Grade**

**Part I Location and Classification of Crossing**

Division:	<b>CCKY</b>	State:	<b>GA</b>
Subdivision:	<b>CENT OF GA</b>	County:	<b>WALKER</b>
Branch or Line Name:		City:	<b>In LA FAYETTE</b>
Railroad Milepost:	<b>C424.00</b>	Street or Road Name:	<b>PROBASCO ST</b>
RailRoad I.D. No.:		Highway Type & No.:	<b>CS 513</b>
Nearest RR Timetable Stn:	<b>LAFAYETTE</b>	HSR Corridor ID:	
Parent Railroad:	<b>Genesee &amp; Wyoming RR Co. [GNWR]</b>	County Map Ref. No.:	<b>295</b>
Crossing Owner:	<b>Georgia Department Of Transportation [GDOT]</b>	Latitude:	<b>34.7296000</b>
ENS Sign Installed:	<b>No</b>	Longitude:	<b>-85.2825130</b>
Passenger Service:	<b>None</b>	Lat/Long Source:	<b>Actual</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:	<b>Unknown</b>	
	Specify Signs:		Specify Signals:	
	ST/RR A	ST/RR B	ST/RR C	ST/RR D
Railroad Use:				
State Use:				
Narrative:				
Emergency Contact:	Railroad Contact:	State Contact:	<b>(404)631-1376</b>	

**Part II Railroad Information**

<b>Number of Daily Train Movements:</b>		<b>Less Than One Movement Per Day:</b>	<b>No</b>
Total Trains: <b>2</b>	Total Switching: <b>0</b>	Day Thru:	<b>2</b>
Typical Speed Range Over Crossing: From <b>5</b> to <b>25</b> mph		Maximum Time Table Speed:	<b>25</b>
Type and Number of Tracks: Main: <b>1</b> Other: <b>0</b>		Specify:	
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 **719582X**

Continued

Effective Begin-Date of Record: **05/25/10**

End-Date of Record:

## Part III: Traffic Control Device Information

**Signs:**

Crossbucks:	2	Highway Stop Signs:	2
Advanced Warning:	Yes	Hump Crossing Sign:	No
Pavement Markings:	<b>Stop Lines and RR Xing Symbols</b>	Other Signs:	0 Specify: 0

**Train Activated Devices:**

Gates:	0	4 Quad or Full Barrier:	No
Mast Mounted FL:	0	Total Number FL Pairs:	0
Cantilevered FL (Over):	0	Cantilevered FL (Not over):	0
Other Flashing Lights:	0	Specify Other Flashing Lights:	
Highway Traffic Signals:	0	Wigwags:	0 Bells: 0
Other Train Activated Warning Devices:		Special Warning Devices Not Train Activated:	
Channelization:	None	Type of Train Detection:	None
Track Equipped with Train Signals?	No	Traffic Light Interconnection/Preemption:	

## Part IV: Physical Characteristics

Type of Development:	Residential	Smallest Crossing Angle:	60 to 90 Degrees
Number of Traffic Lanes Crossing Railroad:	2	Are Truck Pullout Lanes Present?	No
Is Highway Paved?	Yes	If Other:	
Crossing Surface:	Asphalt	Is it Signalized?	No
Nearby Intersecting Highway?	N/A	Is Crossing Illuminated?	No
Does Track Run Down a Street?	No		
Is Commercial Power Available?	Yes		

## Part V: Highway Information

Highway System:	Non-Federal-aid	Functional Classification of Road at Crossing:	Urban Local
Is Crossing on State Highway System:	No	AADT Year:	2007
Annual Average Daily Traffic (AADT):	000870	Avg. No of School Buses per Day:	9
Estimated Percent Trucks:	03		
Posted Highway Speed:	30		



# Site DNL Calculator

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Site ID

Record Date

User's Name

Road # 1 Name:

Road #1			
Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	1017		1017
Distance to Stop Sign			
Average Speed	35		35
Average Daily Trips (ADT)	16455		336
Night Fraction of ADT	15		15

Road Gradient (%)			2
Vehicle DNL	46.8452		50.3745
Calculate Road #1 DNL	52.0157	Reset	

Railroad #1 Track Identifier: CCKY

Rail # 1		
Train Type	Electric <input type="checkbox"/>	Diesel <input checked="" type="checkbox"/>
Effective Distance		347
Average Train Speed		20
Engines per Train		2
Railway cars per Train		80
Average Train Operations (ATO)		2
Night Fraction of ATO		0
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		57.2054
Calculate Rail #1 DNL	57.2054	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**

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- **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](#)

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Site ID

Record Date

User's Name

Road # 1 Name:

Road #1			
Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	<input type="text" value="750"/>	<input type="text"/>	<input type="text" value="750"/>
Distance to Stop Sign	<input type="text"/>	<input type="text"/>	<input type="text"/>
Average Speed	<input type="text" value="35"/>	<input type="text"/>	<input type="text" value="35"/>
Average Daily Trips (ADT)	<input type="text" value="16455"/>	<input type="text"/>	<input type="text" value="336"/>
Night Fraction of ADT	<input type="text" value="15"/>	<input type="text"/>	<input type="text" value="15"/>

Road Gradient (%)			2
Vehicle DNL	48.8291		52.3575
Calculate Road #1 DNL	53.999	Reset	

Railroad #1 Track Identifier:

Rail #1		
Train Type	Electric <input type="checkbox"/>	Diesel <input checked="" type="checkbox"/>
Effective Distance		602
Average Train Speed		20
Engines per Train		2
Railway cars per Train		80
Average Train Operations (ATO)		2
Night Fraction of ATO		0
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		53.6164
Calculate Rail #1 DNL	53.6164	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**

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Cancel the project at this location [DNL Calculator](#)
- **Other Reasonable Alternatives**  
Choose an alternate site [DNL Calculator](#)
- **Mitigation**
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  - **Increase mitigation in the building walls** (only effective if no outdoor, noise sensitive areas).
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Site ID

Record Date

User's Name

**Date Record was created.**

Road # 1 Name:

Road #1			
Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	393		393
Distance to Stop Sign			
Average Speed	35		35
Average Daily Trips (ADT)	16455		336
Night Fraction of ADT	15		15

Road Gradient (%)			2
Vehicle DNL	53.0391		56.568
Calculate Road #1 DNL	58.2093	Reset	

Railroad #1 Track Identifier: CCKY

Rail # 1		
Train Type	Electric <input type="checkbox"/>	Diesel <input checked="" type="checkbox"/>
Effective Distance		951
Average Train Speed		20
Engines per Train		2
Railway cars per Train		80
Average Train Operations (ATO)		2
Night Fraction of ATO		0
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		50.6376
Calculate Rail #1 DNL	50.6376	Reset

Add Road Source      Add Rail Source

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

Calculate

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Refresh

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Site ID

Record Date

User's Name

Road # 1 Name:

Road #1			
Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	802		802
Distance to Stop Sign			
Average Speed	35		35
Average Daily Trips (ADT)	16455		336
Night Fraction of ADT	15		15

Road Gradient (%)			2
Vehicle DNL	48.3924		51.921
Calculate Road #1 DNL	53.5624	Reset	

Railroad #1 Track Identifier: CCKY

Rail # 1		
Train Type	Electric <input type="checkbox"/>	Diesel <input checked="" type="checkbox"/>
Effective Distance		594
Average Train Speed		20
Engines per Train		2
Railway cars per Train		80
Average Train Operations (ATO)		2
Night Fraction of ATO		0
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		53.7035
Calculate Rail #1 DNL	53.7035	Reset

Airport Noise Level

Loud Impulse Sounds?  Yes  No

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Site ID

Record Date

User's Name

Road # 1 Name:

Road #1			
Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	719		719
Distance			
Average			
Average			
Night Fraction of ADT	15		15

Vehicle types to select for the noise assessment. Input by performing a "checkmark" in the box next to the vehicles (Cars, Medium Truck or Heavy Trucks) involved in the road being assessed.

Road Gradient (%)			2
Vehicle DNL	49.1132		52.6425
Calculate Road #1 DNL	54.2837	Reset	

Railroad #1 Track Identifier: CCKY

Rail #1		
Train Type	Electric <input type="checkbox"/>	Diesel <input checked="" type="checkbox"/>
Effective Distance		680
Average Train Speed		20
Engines per Train		2
Railway cars per Train		80
Average Train Operations (ATO)		2
Night Fraction of ATO		0
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		52.8227
Calculate Rail #1 DNL	52.8227	Reset

Add Road Source      Add Rail Source

Airport Noise Level

Loud Impulse Sounds?  Yes  No

Combined DNL for all Road and Rail sources 56.5993

Combined DNL including Airport N/A

Site DNL with Loud Impulse Sound

Calculate

**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](#)

Refresh

## 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
- Mailing lists
- 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:

- 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

Road # 1 Name:

Road #1			
Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	<input type="text" value="429"/>	<input type="text"/>	<input type="text" value="429"/>
Distance to Stop Sign	<input type="text"/>	<input type="text"/>	<input type="text"/>
Average Speed	<input type="text" value="35"/>	<input type="text"/>	<input type="text" value="35"/>
Average Daily Trips (ADT)	<input type="text" value="16455"/>	<input type="text"/>	<input type="text" value="336"/>
Night Fraction of ADT	<input type="text" value="15"/>	<input type="text"/>	<input type="text" value="15"/>

Road Gradient (%)			2
Vehicle DNL	52.4682		55.9965
Calculate Road #1 DNL	57.638	Reset	

Railroad #1 Track Identifier: CCKY

Rail # 1		
Train Type	Electric <input type="checkbox"/>	Diesel <input checked="" type="checkbox"/>
Effective Distance		949
Average Train Speed		20
Engines per Train		2
Railway cars per Train		80
Average Train Operations (ATO)		2
Night Fraction of ATO		0
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		50.6513
Calculate Rail #1 DNL	50.6513	Reset

Add Road Source      Add Rail Source

Airport Noise Level

Loud Impulse Sounds?  Yes  No

Combined DNL for all Road and Rail sources 58.4407

Combined DNL including Airport N/A

Site DNL with Loud Impulse Sound

Calculate

**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](#)

Refresh

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

**DCA Woodlands Village I & II**  
1201 West North Main Street  
LA Fayette, GA 30728

Inquiry Number: 3309612.2s  
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)

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

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

1201 WEST NORTH MAIN STREET  
LA FAYETTE, GA 30728

#### COORDINATES

Latitude (North): 34.7266000 - 34° 43' 35.76"  
Longitude (West): 85.2815000 - 85° 16' 53.40"  
Universal Transverse Mercator: Zone 16  
UTM X (Meters): 657347.8  
UTM Y (Meters): 3843872.5  
Elevation: 880 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 34085-F3 LAFAYETTE, GA  
Most Recent Revision: 1983

### 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***

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

## EXECUTIVE SUMMARY

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  
ROD..... Records Of Decision  
UMTRA..... Uranium Mill Tailings Sites

## EXECUTIVE SUMMARY

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

### 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*

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 are 3

## EXECUTIVE SUMMARY

LUST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>GA STATE PATROL/POST #41</i>	<i>1212 NORTH MAIN ST</i>	<i>ESE 0 - 1/8 (0.118 mi.)</i>	<i>1</i>	<i>7</i>
<i>PANTRY #3534 DBA GOLDEN GALLON</i>	<i>1151 N MAIN ST</i>	<i>SE 1/8 - 1/4 (0.159 mi.)</i>	<i>A2</i>	<i>8</i>
<i>DAN'S GEM</i>	<i>1409 W MAIN STREET</i>	<i>NE 1/4 - 1/2 (0.334 mi.)</i>	<i>6</i>	<i>17</i>

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

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Natural Resources' Underground Storage Tank Database.

A review of the UST list, as provided by EDR, and dated 03/08/2012 has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>GA STATE PATROL/POST #41</i>	<i>1212 NORTH MAIN ST</i>	<i>ESE 0 - 1/8 (0.118 mi.)</i>	<i>1</i>	<i>7</i>
<i>PANTRY #3534 DBA GOLDEN GALLON</i>	<i>1151 N MAIN ST</i>	<i>SE 1/8 - 1/4 (0.159 mi.)</i>	<i>A3</i>	<i>9</i>
<i>LAFAYETTE MIDDLE SCHOOL</i>	<i>#1 ROAD RUNNER BLVD</i>	<i>NE 1/8 - 1/4 (0.206 mi.)</i>	<i>4</i>	<i>14</i>

AST: A listing of LP gas tank site locations.

A review of the AST list, as provided by EDR, and dated 03/06/2012 has revealed that there is 1 AST site within approximately 0.5 miles of the target property.

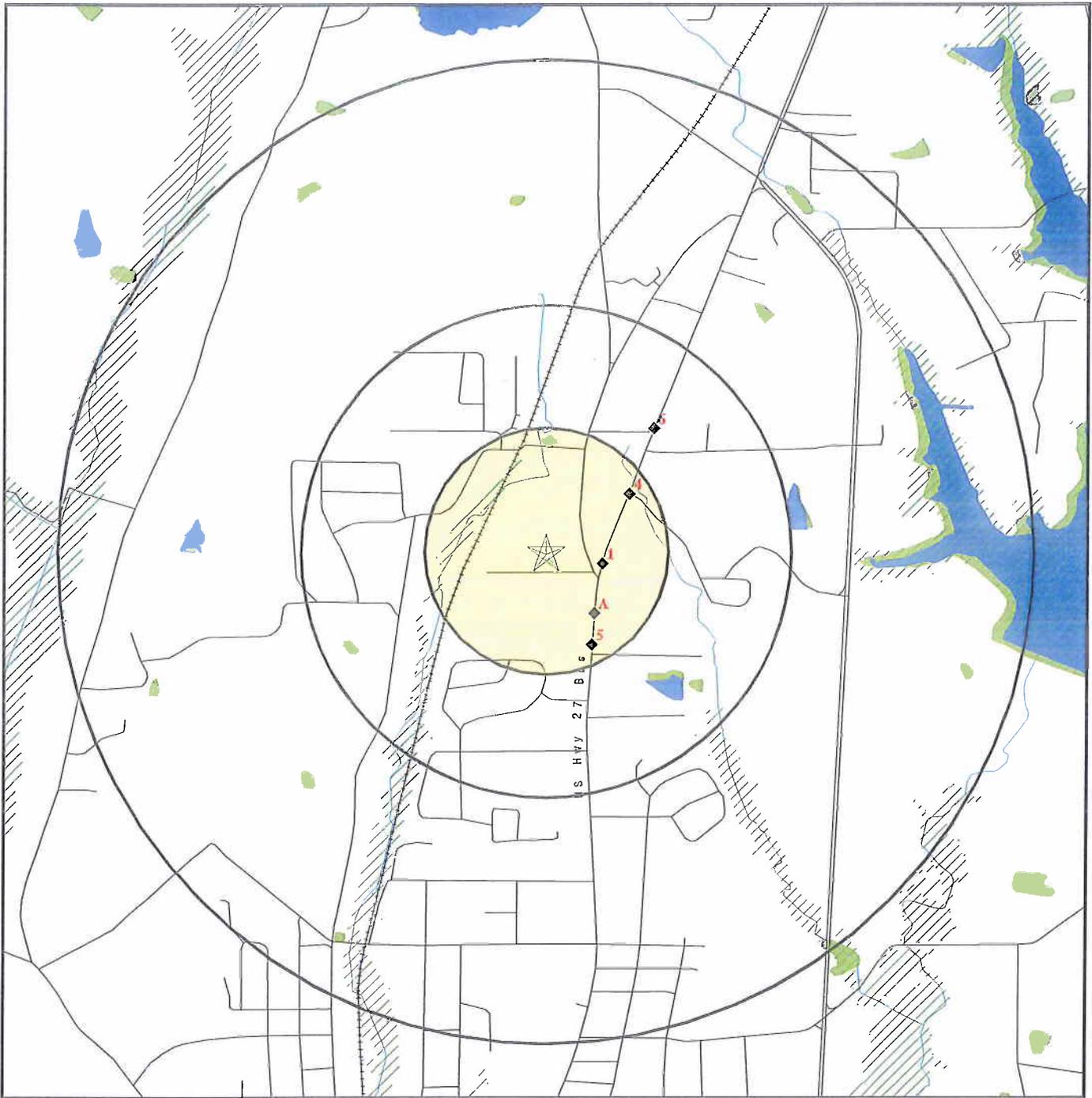
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>PANTRY #3534</i>	<i>1111 NORTH MAIN STREET</i>	<i>SSE 1/8 - 1/4 (0.210 mi.)</i>	<i>5</i>	<i>17</i>

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 23 records.

<u>Site Name</u>	<u>Database(s)</u>
EXXON (FORMER/ABANDONED)	FINDS, LUST, UST, FINANCIAL ASSURANCE
QUIK STOP	UST, FINANCIAL ASSURANCE
CLAUDE HATCHETT	UST, FINANCIAL ASSURANCE
MURPHY USA #6563	FINDS, UST, FINANCIAL ASSURANCE
SONY ENTERPRISES INC USA	FINDS, UST, FINANCIAL ASSURANCE
DIANES QUIK STOP	UST, FINANCIAL ASSURANCE
IMPERIAL CUP CORP	UST, FINANCIAL ASSURANCE
FORMER KAYO SERVICE STATION	UST, FINANCIAL ASSURANCE
LAFAYETTE SHEET METAL	CERC-NFRAP
TAYLOR RIDGE MIDNIGHT DUMP	CERC-NFRAP
FORMER KAYO SERVICE STATION	LUST
EDWARDS COUNTRY STORE	AST
MAPCO MART #3631	AST
FORTUNE CARPETS	AST
LAFAYETTE CONE COMPANY	AST
IMPERIAL BOND WARE	AST
QUALITY MACHINE & FAB	AST
MAPCO MART #3632	AST
WAL-MART SUPERCENTER #2988	RCRA-SQG
NATIONAL SPINNING CO CARON PLT	RCRA-NonGen, FINDS
WAL-MART SUPERCENTER #2988	RCRA-NonGen, FINDS
SIGNAL CHEMICAL CORPORATION	RCRA-NonGen
DIXIE COLLISION INC	RCRA-CESQG

# OVERVIEW MAP - 3309612.2s



- ☆ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⊕ Manufactured Gas Plants
- ☒ National Priority List Sites
- ☒ Dept. Defense Sites

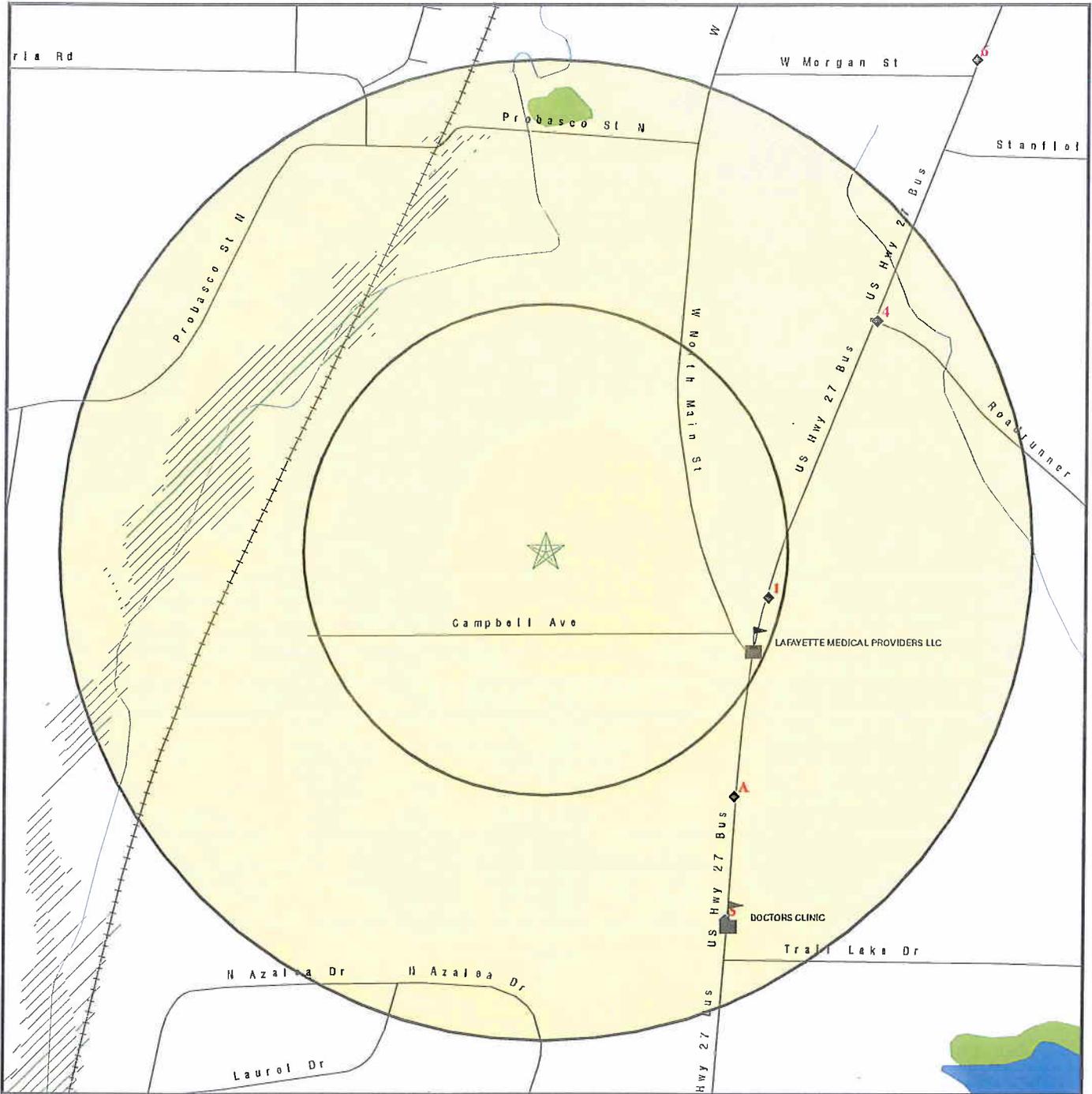
- ▨ Indian Reservations BIA
- Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory

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 Woodlands Village I & II  
 ADDRESS: 1201 West North Main Street  
 LA Fayette GA 30728  
 LAT/LONG: 34.7266 / 85.2815

CLIENT: Geotechnical & Env'tl. Cons.  
 CONTACT: Tameka Gordon  
 INQUIRY #: 3309612.2s  
 DATE: April 24, 2012 4:10 pm

# DETAIL MAP - 3309612.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ◆ Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- 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 Woodlands Village I & II  
 ADDRESS: 1201 West North Main Street  
 LA Fayette GA 30728  
 LAT/LONG: 34.7266 / 85.2815

CLIENT: Geotechnical & Env'tl. Cons.  
 CONTACT: Tameka Gordon  
 INQUIRY #: 3309612.2s  
 DATE: April 24, 2012 4:11 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><b>Federal NPL site list</b></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><b>Federal Delisted NPL site list</b></i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i><b>Federal CERCLIS list</b></i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
<i><b>Federal CERCLIS NFRAP site List</b></i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i><b>Federal RCRA CORRACTS facilities list</b></i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i><b>Federal RCRA non-CORRACTS TSD facilities list</b></i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i><b>Federal RCRA generators list</b></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><b>Federal institutional controls / engineering controls registries</b></i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i><b>Federal ERNS list</b></i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i><b>State- and tribal - equivalent CERCLIS</b></i>								
SHWS	1.000		0	0	0	0	NR	0
GA NON-HSI	1.000		0	0	0	0	NR	0
<i><b>State and tribal landfill and/or solid waste disposal site lists</b></i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i><b>State and tribal leaking storage tank lists</b></i>								
LUST	0.500		1	1	1	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i><b>State and tribal registered storage tank lists</b></i>								
UST	0.250		1	2	NR	NR	NR	3

## 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	1	0	NR	NR	1
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
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#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

1  
 ESE  
 < 1/8  
 0.118 mi.  
 622 ft.

GA STATE PATROL/POST #41  
 1212 NORTH MAIN ST  
 LAFAYETTE, GA 30728

LUST 1006778027  
 UST N/A  
 FINANCIAL ASSURANCE

Relative:  
 Lower

LUST:  
 Facility ID: 01460018  
 Leak ID: 1  
 Description: Suspected Release Received  
 Cleanup Status: NFA - Suspected Release  
 Date Received: 12/10/1997  
 Project Officer: Strickfaden, Richard K

Actual:  
 868 ft.

Facility ID: 01460018  
 Leak ID: 2  
 Description: Confirmed Release Received  
 Cleanup Status: NFA - No Further Action  
 Date Received: 03/29/2007  
 Project Officer: Humphris, David D

Facility:

Facility Id: 1460018  
 Facility Status: Closed  
 Facility Type: State  
 District: Mountain Cartersville  
 Contact Id: 10  
 Owner Name: GEORGIA DEPARTMENT OF PUBLIC SAFETY  
 Owner Address: 959 EAST CONFEDERATE AVE SE  
 Owner City: ATLANTA  
 Owner State: GA  
 Owner Zip: 30316  
 Owner City, St, Zip: ATLANTA, GA 30316  
 Owner Telephone: 404-624-7080

Tanks:

Facility ID: 1460018  
 Tank ID: 1  
 Status Date: 03/10/1968  
**Status: Installed**  
 Product1: Gas  
 Material: Bare Steel  
 Capacity: 3000  
 Pipe Material: Galvanized Steel  
 Pipe Type: Not Marked  
 Overfill Protection: Not reported  
 Overfill Installed: Not reported  
 Tank Exempt From Spill: Not reported  
 Date Spill Device Installed: Not reported

Facility ID: 1460018  
 Tank ID: 1  
 Status Date: 02/08/2007  
**Status: Removed From Ground**  
 Product1: Gas  
 Material: Bare Steel  
 Capacity: 3000

Map ID  
Direction  
Distance  
Elevation



Site

Database(s)

EDR ID Number  
EPA ID Number

**GA STATE PATROL/POST #41 (Continued)**

1006778027

Pipe Material: Galvanized Steel  
Pipe Type: Not Marked  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460018  
Tank ID: 1  
Status Date: 07/01/1998  
**Status: Temporarily Out Of Use**  
Product1: Gas  
Material: Bare Steel  
Capacity: 3000  
Pipe Material: Galvanized Steel  
Pipe Type: Not Marked  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

**GA FINANCIAL ASSURANCE:**

Region: 1  
Facility ID: 1460018  
Financial Responsibility: G.U.S.T. Trust Fund

A2  
SE  
1/8-1/4  
0.159 mi.  
840 ft.

**PANTRY #3534 DBA GOLDEN GALLON**  
**1151 N MAIN ST**  
**LAFAYETTE, GA 30728**

**FINDS 1006783955**  
**LUST N/A**

Site 1 of 2 in cluster A

**Relative:**  
**Lower**

FINDS:

Registry ID: 110013533391

**Actual:**  
**847 ft.**

Environmental Interest/Information System

GEIMS (Geographic Environmental Information Management System) provides the EPA and Public a single point of access to core data for all facilities and sites regulated or monitored by the EPA and a single system for the reporting of all environmental data.

LUST:

Facility ID: 01460033  
Leak ID: 1  
Description: Confirmed Release Received  
Cleanup Status: NFA - No Further Action  
Date Received: 01/17/1995  
Project Officer: Burris, Stephen B

Facility ID: 01460033  
Leak ID: 1  
Description: Suspected Release Received  
Cleanup Status: NFA - No Further Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

PANTRY #3534 DBA GOLDEN GALLON (Continued)

1006783955

Date Received: 12/21/1994  
Project Officer: Burris, Stephen B

A3  
SE  
1/8-1/4  
0.159 mi.  
840 ft.

PANTRY #3534 DBA GOLDEN GALLON  
1151 N MAIN ST  
LAFAYETTE, GA 30728

UST U003936552  
FINANCIAL ASSURANCE N/A

Site 2 of 2 in cluster A

Relative:  
Lower

Facility:  
Facility Id: 1460033  
Facility Status: Active  
Facility Type: Gas Station  
District: Mountain Cartersville  
Contact Id: 1154  
Owner Name: THE PANTRY INC  
Owner Address: PO BOX 1410  
Owner City: SANFORD  
Owner State: NC  
Owner Zip: 27330  
Owner City,St,Zip: SANFORD, NC 27330  
Owner Telephone: 9197746700

Actual:  
847 ft.

Tanks:

Facility ID: 1460033  
Tank ID: 1  
Status Date: 03/25/1982  
Status: **Installed**  
Product1: Gas  
Material: Bare Steel  
Capacity: 10000  
Pipe Material: Galvanized Steel  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460033  
Tank ID: 1  
Status Date: 06/06/1995  
Status: **Removed From Ground**  
Product1: Gas  
Material: Bare Steel  
Capacity: 10000  
Pipe Material: Galvanized Steel  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460033  
Tank ID: 1  
Status Date: Not reported

Map ID  
Direction  
Distance  
Elevation



Site

Database(s)

EDR ID Number  
EPA ID Number

**PANTRY #3534 DBA GOLDEN GALLON (Continued)**

U003936552

**Status:** Upgrade Repair Not Marked  
Product1: Gas  
Material: Bare Steel  
Capacity: 10000  
Pipe Material: Galvanized Steel  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460033  
Tank ID: 2  
Status Date: 03/25/1982  
**Status:** Installed  
Product1: Gas  
Material: Bare Steel  
Capacity: 10000  
Pipe Material: Galvanized Steel  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460033  
Tank ID: 2  
Status Date: 11/27/1995  
**Status:** Removed From Ground  
Product1: Gas  
Material: Bare Steel  
Capacity: 10000  
Pipe Material: Galvanized Steel  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460033  
Tank ID: 2  
Status Date: Not reported  
**Status:** Upgrade Repair Not Marked  
Product1: Gas  
Material: Bare Steel  
Capacity: 10000  
Pipe Material: Galvanized Steel  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

PANTRY #3534 DBA GOLDEN GALLON (Continued)

U003936552

Facility ID: 1460033  
Tank ID: 3  
Status Date: 03/25/1982  
**Status:** **Installed**  
Product1: Gas  
Material: Bare Steel  
Capacity: 10000  
Pipe Material: Galvanized Steel  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460033  
Tank ID: 3  
Status Date: 11/27/1995  
**Status:** **Removed From Ground**  
Product1: Gas  
Material: Bare Steel  
Capacity: 10000  
Pipe Material: Galvanized Steel  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460033  
Tank ID: 3  
Status Date: Not reported  
**Status:** **Upgrade Repair Not Marked**  
Product1: Gas  
Material: Bare Steel  
Capacity: 10000  
Pipe Material: Galvanized Steel  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460033  
Tank ID: 4  
Status Date: 01/01/1988  
**Status:** **Installed**  
Product1: Kerosene  
Material: Cathodically Protected Steel  
Capacity: 2000  
Pipe Material: Fiberglass Reinforced Plastic  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

PANTRY #3534 DBA GOLDEN GALLON (Continued)

U003936552

Date Spill Device Installed: Not reported

Facility ID: 1460033  
Tank ID: 4  
Status Date: 11/27/1995  
**Status: Removed From Ground**  
Product1: Kerosene  
Material: Cathodically Protected Steel  
Capacity: 2000  
Pipe Material: Fiberglass Reinforced Plastic  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460033  
Tank ID: 4  
Status Date: 02/13/1996  
**Status: Upgrade Repair Not Marked**  
Product1: Kerosene  
Material: Cathodically Protected Steel  
Capacity: 2000  
Pipe Material: Fiberglass Reinforced Plastic  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460033  
Tank ID: 5  
Status Date: 12/01/1995  
**Status: Currently In Use**  
Product1: Gas  
Material: Composite  
Capacity: 8000  
Pipe Material: Double Walled/Sec. Containment  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: 12/01/1995  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 12/01/1995

Facility ID: 1460033  
Tank ID: 5  
Status Date: 12/01/1995  
**Status: Installed**  
Product1: Gas  
Material: Composite  
Capacity: 8000  
Pipe Material: Double Walled/Sec. Containment  
Pipe Type: Pressure

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

PANTRY #3534 DBA GOLDEN GALLON (Continued)

U003936552

Overfill Protection: Not reported  
Overfill Installed: 12/01/1995  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 12/01/1995

Facility ID: 1460033  
Tank ID: 6A  
Status Date: 12/01/1995  
**Status: Currently In Use**  
Product1: Gas  
Material: Composite  
Capacity: 4000  
Pipe Material: Double Walled/Sec. Containment  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: 12/01/1995  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 12/01/1995

Facility ID: 1460033  
Tank ID: 6A  
Status Date: 12/01/1995  
**Status: Installed**  
Product1: Gas  
Material: Composite  
Capacity: 4000  
Pipe Material: Double Walled/Sec. Containment  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: 12/01/1995  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 12/01/1995

Facility ID: 1460033  
Tank ID: 6B  
Status Date: 12/01/1995  
**Status: Currently In Use**  
Product1: Gas  
Material: Composite  
Capacity: 4000  
Pipe Material: Double Walled/Sec. Containment  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: 12/01/1995  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 12/01/1995

Facility ID: 1460033  
Tank ID: 6B  
Status Date: 12/01/1995  
**Status: Installed**  
Product1: Gas  
Material: Composite

Map ID  
Direction  
Distance  
Elevation



Site

Database(s)

EDR ID Number  
EPA ID Number

**PANTRY #3534 DBA GOLDEN GALLON (Continued)**

U003936552

Capacity: 4000  
Pipe Material: Double Walled/Sec. Containment  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: 12/01/1995  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 12/01/1995

**GA FINANCIAL ASSURANCE:**

Region: 1  
Facility ID: 1460033  
Financial Responsibility: Insurance

4  
NE  
1/8-1/4  
0.206 mi.  
1089 ft.

**LAFAYETTE MIDDLE SCHOOL  
#1 ROAD RUNNER BLVD  
LAFAYETTE, GA 30728**

UST U001485077  
FINANCIAL ASSURANCE N/A

**Relative:  
Lower**

Facility:  
Facility Id: 1460030  
Facility Status: Active  
Facility Type: Not Marked  
District: Mountain Cartersville  
Contact Id: 400  
Owner Name: WALKER COUNTY BOARD OF EDUCATION  
Owner Address: PO BOX 29  
Owner City: LAFAYETTE  
Owner State: GA  
Owner Zip: 30728  
Owner City,St,Zip: LAFAYETTE, GA 30728  
Owner Telephone: 706-375-5416

**Actual:  
835 ft.**

**Tanks:**

Facility ID: 1460030  
Tank ID: 1  
Status Date: 02/25/1981  
**Status: Installed**  
Product1: Diesel  
Material: Bare Steel  
Capacity: 10000  
Pipe Material: Galvanized Steel  
Pipe Type: Suction: Valve At The Tank  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460030  
Tank ID: 1  
Status Date: 07/10/1996  
**Status: Removed From Ground**  
Product1: Diesel  
Material: Bare Steel  
Capacity: 10000

Map ID  
Direction  
Distance  
Elevation



Site

Database(s)

EDR ID Number  
EPA ID Number

**LAFAYETTE MIDDLE SCHOOL (Continued)**

U001485077

Pipe Material: Galvanized Steel  
Pipe Type: Suction: Valve At The Tank  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460030  
Tank ID: 1  
Status Date: Not reported  
**Status: Upgrade Repair Not Marked**  
Product1: Diesel  
Material: Bare Steel  
Capacity: 10000  
Pipe Material: Galvanized Steel  
Pipe Type: Suction: Valve At The Tank  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460030  
Tank ID: 2  
Status Date: 02/25/1981  
**Status: Installed**  
Product1: Gas  
Material: Bare Steel  
Capacity: 10000  
Pipe Material: Galvanized Steel  
Pipe Type: Suction: Valve At The Tank  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460030  
Tank ID: 2  
Status Date: 07/10/1996  
**Status: Removed From Ground**  
Product1: Gas  
Material: Bare Steel  
Capacity: 10000  
Pipe Material: Galvanized Steel  
Pipe Type: Suction: Valve At The Tank  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460030  
Tank ID: 2  
Status Date: Not reported  
**Status: Upgrade Repair Not Marked**

Map ID  
Direction  
Distance  
Elevation



Site

Database(s)

EDR ID Number  
EPA ID Number

LAFAYETTE MIDDLE SCHOOL (Continued)

U001485077

Product1: Gas  
Material: Bare Steel  
Capacity: 10000  
Pipe Material: Galvanized Steel  
Pipe Type: Suction: Valve At The Tank  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 1460030  
Tank ID: 3  
Status Date: 08/01/1996  
**Status: Cathodically Prot**  
Product1: Diesel  
Material: Composite  
Capacity: 10000  
Pipe Material: Double Walled Flex  
Pipe Type: Suction: No Valve At The Tank  
Overfill Protection: Not reported  
Overfill Installed: 08/01/1996  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 08/01/1996

Facility ID: 1460030  
Tank ID: 3  
Status Date: 08/01/1996  
**Status: Currently In Use**  
Product1: Diesel  
Material: Composite  
Capacity: 10000  
Pipe Material: Double Walled Flex  
Pipe Type: Suction: No Valve At The Tank  
Overfill Protection: Not reported  
Overfill Installed: 08/01/1996  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 08/01/1996

Facility ID: 1460030  
Tank ID: 3  
Status Date: 08/01/1996  
**Status: Installed**  
Product1: Diesel  
Material: Composite  
Capacity: 10000  
Pipe Material: Double Walled Flex  
Pipe Type: Suction: No Valve At The Tank  
Overfill Protection: Not reported  
Overfill Installed: 08/01/1996  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 08/01/1996

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**LAFAYETTE MIDDLE SCHOOL (Continued)**

U001485077

GA FINANCIAL ASSURANCE:

Region: 1  
Facility ID: 1460030  
Financial Responsibility: G.U.S.T. Trust Fund

5  
SSE  
1/8-1/4  
0.210 mi.  
1110 ft.

**PANTRY #3534**  
**1111 NORTH MAIN STREET**  
**LAFAYETTE, GA 30728**

AST A100335132  
N/A

Relative:  
Lower

AST:

Owner Name: Amerigas  
Owner Address: 113 Oophealoga Street  
Owner City/State/Zip: Calhoun GA 30070  
Number Of Tanks: 24  
Tank Capacity: 0

Actual:  
857 ft.

6  
NE  
1/4-1/2  
0.334 mi.  
1761 ft.

**DAN'S GEM**  
**1409 W MAIN STREET**  
**LAFAYETTE, GA 30728**

FINDS 1006795699  
LUST N/A  
UST  
FINANCIAL ASSURANCE

Relative:  
Lower

FINDS:

Registry ID: 110013651681

Actual:  
854 ft.

Environmental Interest/Information System

GEIMS (Geographic Environmental Information Management System) provides the EPA and Public a single point of access to core data for all facilities and sites regulated or monitored by the EPA and a single system for the reporting of all environmental data.

LUST:

Facility ID: 09146061  
Leak ID: 1  
Description: Confirmed Release Received  
Cleanup Status: Cleanup Initiated  
Date Received: 11/21/2000  
Project Officer: Jones, F. Calvin

Facility:

Facility Id: 9146061  
Facility Status: Active  
Facility Type: Gas Station  
District: Mountain Cartersville  
Contact Id: 395  
Owner Name: DEE OIL COMPANY  
Owner Address: PO BOX 8731  
Owner City: CHATTANOOGA  
Owner State: TN  
Owner Zip: 37411  
Owner City,St,Zip: CHATTANOOGA, TN 37411

Map ID  
Direction  
Distance  
Elevation



Site

Database(s)

EDR ID Number  
EPA ID Number

DAN'S GEM (Continued)

1006795699

Owner Telephone: 403-667-8016

Tanks:

Facility ID: 9146061  
Tank ID: 1  
Status Date: 01/01/1999  
**Status: Cathodically Prot**  
Product1: Gas  
Material: Steel-Impressed Current  
Capacity: 10000  
Pipe Material: Impressed Current  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: 01/01/1999  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 01/01/1999

Facility ID: 9146061  
Tank ID: 1  
Status Date: 01/01/1980  
**Status: Currently In Use**  
Product1: Gas  
Material: Steel-Impressed Current  
Capacity: 10000  
Pipe Material: Impressed Current  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: 01/01/1999  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 01/01/1999

Facility ID: 9146061  
Tank ID: 1  
Status Date: 01/01/1980  
**Status: Installed**  
Product1: Gas  
Material: Steel-Impressed Current  
Capacity: 10000  
Pipe Material: Impressed Current  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: 01/01/1999  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 01/01/1999

Facility ID: 9146061  
Tank ID: 2  
Status Date: 01/01/1999  
**Status: Cathodically Prot**  
Product1: Gas  
Material: Steel-Impressed Current  
Capacity: 6000  
Pipe Material: Impressed Current  
Pipe Type: Pressure

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DAN'S GEM (Continued)

1006795699

Overfill Protection: Not reported  
Overfill Installed: 01/01/1999  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 01/01/1999

Facility ID: 9146061  
Tank ID: 2  
Status Date: 01/01/1980  
**Status: Currently In Use**  
Product1: Gas  
Material: Steel-Impressed Current  
Capacity: 6000  
Pipe Material: Impressed Current  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: 01/01/1999  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 01/01/1999

Facility ID: 9146061  
Tank ID: 2  
Status Date: 01/01/1980  
**Status: Installed**  
Product1: Gas  
Material: Steel-Impressed Current  
Capacity: 6000  
Pipe Material: Impressed Current  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: 01/01/1999  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 01/01/1999

Facility ID: 9146061  
Tank ID: 3  
Status Date: 01/01/1999  
**Status: Cathodically Prot**  
Product1: Gas  
Material: Steel-Impressed Current  
Capacity: 6000  
Pipe Material: Impressed Current  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: 01/01/1999  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 01/01/1999

Facility ID: 9146061  
Tank ID: 3  
Status Date: 01/01/1980  
**Status: Currently In Use**  
Product1: Gas  
Material: Steel-Impressed Current

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAN'S GEM (Continued)**

1006795699

Capacity: 6000  
Pipe Material: Impressed Current  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: 01/01/1999  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 01/01/1999

Facility ID: 9146061  
Tank ID: 3  
Status Date: 01/01/1980  
**Status: Installed**  
Product1: Gas  
Material: Steel-Impressed Current  
Capacity: 6000  
Pipe Material: Impressed Current  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: 01/01/1999  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: 01/01/1999

Facility ID: 9146061  
Tank ID: 4  
Status Date: 01/01/1980  
**Status: Installed**  
Product1: Kerosene  
Material: Cathodically Protected Steel  
Capacity: 4000  
Pipe Material: Not Marked  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 9146061  
Tank ID: 4  
Status Date: 10/01/2000  
**Status: Removed From Ground**  
Product1: Kerosene  
Material: Cathodically Protected Steel  
Capacity: 4000  
Pipe Material: Not Marked  
Pipe Type: Pressure  
Overfill Protection: Not reported  
Overfill Installed: Not reported  
Tank Exempt From Spill: Not reported  
Date Spill Device Installed: Not reported

Facility ID: 9146061  
Tank ID: 4  
Status Date: 01/10/2001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAN'S GEM (Continued)**

**1006795699**

<b>Status:</b>	<b>Upgrade Repair Not Marked</b>
Product1:	Kerosene
Material:	Cathodically Protected Steel
Capacity:	4000
Pipe Material:	Not Marked
Pipe Type:	Pressure
Overfill Protection:	Not reported
Overfill Installed:	Not reported
Tank Exempt From Spill:	Not reported
Date Spill Device Installed:	Not reported

**GA FINANCIAL ASSURANCE:**

Region:	1
Facility ID:	9146061
Financial Responsibility:	G.U.S.T. Trust Fund

Count: 23 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LA FAYETTE	1006772070	EXXON (FORMER/ABANDONED)	GA & HWY 201	30728	FINDS, LUST, UST, FINANCIAL ASSURANCE
LA FAYETTE	1004686784	NATIONAL SPINNING CO CARON PLY	HWY 27 BYPASS AT CARON LANE	30728	RCRA-NonGen, FINDS
LA FAYETTE	A100335099	EDWARDS COUNTRY STORE	RT 3	30728	AST
LA FAYETTE	A100335128	MAPCO MART #3631	E HWY 136 & HWY 201	30728	AST
LAFAYETTE	1004688261	WAL-MART SUPERCENTER #2988	HWY 136/US HWY 27	30728	RCRA-NonGen, FINDS
LAFAYETTE	A100335118	FORTUNE CARPETS	HWY 193	30728	AST
LAFAYETTE	A100335155	LAFAYETTE CONE COMPANY	HWY 27 N	30728	AST
LAFAYETTE	A100335156	IMPERIAL BOND WARE	HWY 27 N	30728	AST
LAFAYETTE	A100335120	QUALITY MACHINE & FAB	HWY 27 S	30728	AST
LAFAYETTE	1007264200	SIGNAL CHEMICAL CORPORATION	1721 HWY 27 S	30728	RCRA-NonGen
LAFAYETTE	1008402597	DIXIE COLLISION INC	4484 HWY 27 N	30728	RCRA-CESQG
LAFAYETTE	U004188506	QUIK STOP	5009 N HWY 27	30728	UST, FINANCIAL ASSURANCE
LAFAYETTE	1006777012	CLAUDE HATCHETT	12176 E HWY 136	30728	UST, FINANCIAL ASSURANCE
LAFAYETTE	1006772121	MURPHY USA #6563	2637 N HWY 27	30728	FINDS, UST, FINANCIAL ASSURANC
LAFAYETTE	1005443210	WAL-MART SUPERCENTER #2988	2625 NO HWY 27	30728	RCRA-SQG
LAFAYETTE	1003869125	LAFAYETTE SHEET METAL	US HWY 27 NORTH	30728	CERC-NFRAP
LAFAYETTE	1006772123	SONY ENTERPRISES INC USA	2213 OLD TRION HWY	30728	FINDS, UST, FINANCIAL ASSURANC
LAFAYETTE	1006777870	DIANES QUIK STOP	2664 STATE ROUTE 136 E	30728	UST, FINANCIAL ASSURANCE
LAFAYETTE	1003869566	TAYLOR RIDGE MIDNIGHT DUMP	STATE FOREST RD 250, 500	30728	CERC-NFRAP
LAFAYETTE	1006778005	IMPERIAL CUP CORP	USHY 27 N	30728	UST, FINANCIAL ASSURANCE
LAFAYETTE	A100335129	MAPCO MART #3632	USHY 27 & RT 136	30728	AST
LAFAYETTE	U004060860	FORMER KAYO SERVICE STATION	USHY 27 & GA	30728	UST, FINANCIAL ASSURANCE
LAFAYETTE	S107601785	FORMER KAYO SERVICE STATION	USHY 27 & GA	30728	LUST

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

### *Federal NPL site list*

#### NPL: National Priority List

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

Date of Government Version: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

#### NPL Site Boundaries

##### Sources:

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

#### NPL LIENS: Federal Superfund Liens

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## *Federal Delisted NPL site list*

### DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/07/2011	Source: EPA
Date Data Arrived at EDR: 10/12/2011	Telephone: N/A
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 141	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

## *Federal CERCLIS list*

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

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

### FEDERAL FACILITY: Federal Facility Site Information listing

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

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

## *Federal CERCLIS NFRAP site List*

### CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

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

## *Federal RCRA CORRACTS facilities list*

### CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 02/13/2012  
Next Scheduled EDR Contact: 05/28/2012  
Data Release Frequency: Quarterly

### *Federal RCRA non-CORRACTS TSD facilities list*

#### RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

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

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

### *Federal RCRA generators list*

#### RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

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

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

#### RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

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

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

#### RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## *Federal institutional controls / engineering controls registries*

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

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

### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

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

## *Federal ERNS list*

### ERNS: Emergency Response Notification System

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

Date of Government Version: 10/03/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-267-2180
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/03/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Annually

## *State- and tribal - equivalent CERCLIS*

### SHWS: Hazardous Site Inventory

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

Date of Government Version: 07/01/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/21/2011	Telephone: 404-657-8600
Date Made Active in Reports: 08/09/2011	Last EDR Contact: 04/02/2012
Number of Days to Update: 19	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Annually

### NON HSI: Non-Hazardous Site Inventory

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2012	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  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

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

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

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

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

### *State and tribal Brownfields sites*

#### BROWNFIELDS: Brownfields Public Record List

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

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

Source: Department of Natural Resources  
Telephone: 404-657-8600  
Last EDR Contact: 02/17/2012  
Next Scheduled EDR Contact: 05/28/2012  
Data Release Frequency: Varies

### ADDITIONAL ENVIRONMENTAL RECORDS

#### *Local Brownfield lists*

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/27/2011  
Date Data Arrived at EDR: 06/27/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 78

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

#### *Local Lists of Landfill / Solid Waste Disposal Sites*

#### ODI: Open Dump Inventory

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

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 03/26/2012
Number of Days to Update: 137	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: No Update Planned

### SWRCY: Recycling Center Listing

A listing of recycling facility locations.

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

### HIST LF: Historical Landfills

Landfills that were closed many years ago.

Date of Government Version: 01/15/2003	Source: Department of Natural Resources
Date Data Arrived at EDR: 01/20/2004	Telephone: 404-362-2696
Date Made Active in Reports: 02/06/2004	Last EDR Contact: 01/20/2004
Number of Days to Update: 17	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

### *Local Lists of Hazardous waste / Contaminated Sites*

#### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

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

#### DEL SHWS: Delisted Hazardous Site Inventory Listing

A listing of sites delisted from the Hazardous Site Inventory.

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

#### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

### **Local Land Records**

#### **LIENS 2: CERCLA Lien Information**

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

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

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 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  
Date Data Arrived at EDR: 08/09/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 94

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 02/07/2012  
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  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 04/16/2012  
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  
Date Data Arrived at EDR: 08/12/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 03/12/2012  
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  
Date Data Arrived at EDR: 01/25/2012  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 36

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 04/02/2012  
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  
Date Data Arrived at EDR: 12/14/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 27

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 03/14/2012  
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  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 02/28/2012  
Next Scheduled EDR Contact: 06/11/2012  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### MINES: Mines Master Index File

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

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

### TRIS: Toxic Chemical Release Inventory System

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

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

### TSCA: Toxic Substances Control Act

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

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

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 02/27/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Quarterly

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 02/27/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006  
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 Listing

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 Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/16/2012
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: N/A

## EDR PROPRIETARY RECORDS

### *EDR Proprietary Records*

#### Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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.

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Oil/Gas Pipelines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

**Electric Power Transmission Line Data**

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

**AHA Hospitals:**

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

**Medical Centers: Provider of Services Listing**

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

**Nursing Homes**

Source: National Institutes of Health

Telephone: 301-594-6248

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

**Public Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

**Private Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

**Daycare Centers: Child Care Centers**

Source: Department of Human Resources

Telephone: 404-651-5562

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

**Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

**STREET AND ADDRESS INFORMATION**

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

DCA WOODLANDS VILLAGE I & II  
1201 WEST NORTH MAIN STREET  
LA FAYETTE, GA 30728

### TARGET PROPERTY COORDINATES

Latitude (North): 34.7266 - 34° 43' 35.76"  
Longitude (West): 85.2815 - 85° 16' 53.40"  
Universal Transverse Mercator: Zone 16  
UTM X (Meters): 657347.8  
UTM Y (Meters): 3843872.5  
Elevation: 880 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map: 34085-F3 LAFAYETTE, GA  
Most Recent Revision: 1983

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).

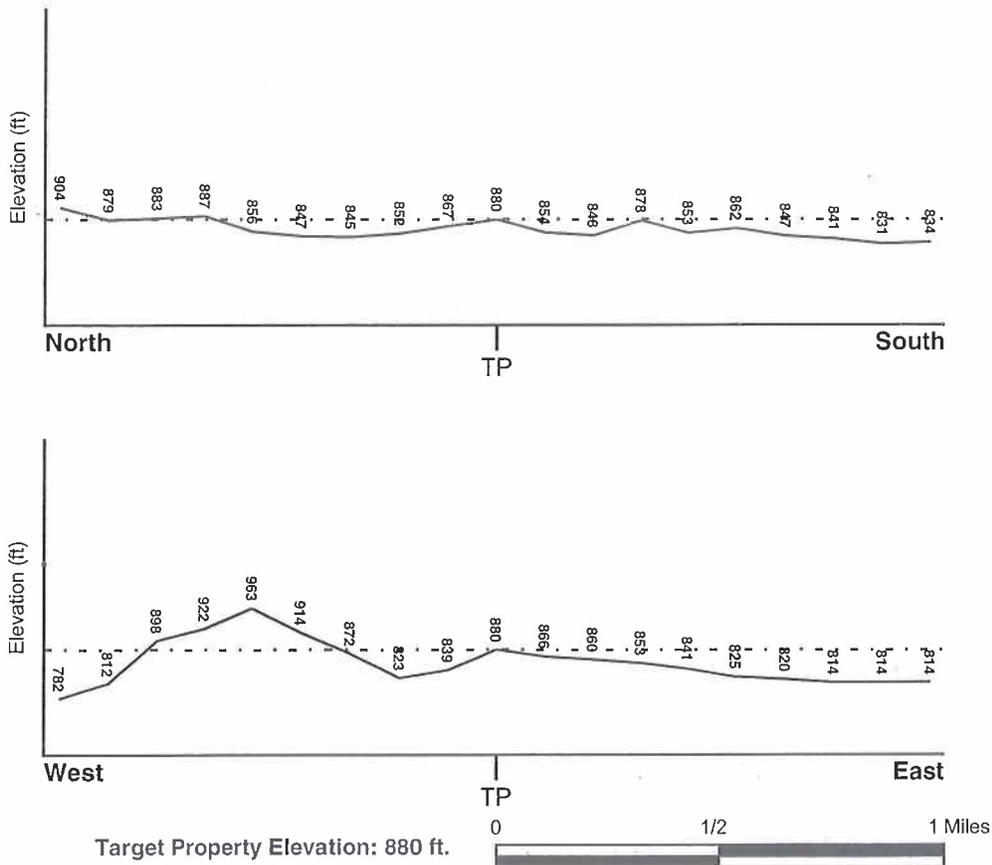
## TOPOGRAPHIC INFORMATION

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 North

## 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  
WALKER, GA

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

Flood Plain Panel at Target Property: 13295C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

### **NATIONAL WETLAND INVENTORY**

NWI Quad at Target Property  
ESTELLE

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>
Not Reported		

# GEOCHECK<sup>®</sup> - 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: Cambrian  
Series: Cambrian  
Code: C (decoded above as Era, System & Series)

### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: LYERLY

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Not reported

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 inches

## GEOCHECK<sup>®</sup> - 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	6 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.20	Max: 6.50 Min: 4.50
2	6 inches	22 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), Fat Clay.	Max: 0.06 Min: 0.00	Max: 6.50 Min: 4.50
3	22 inches	32 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), Fat Clay.	Max: 0.06 Min: 0.00	Max: 7.30 Min: 5.10
4	32 inches	36 inches	unweathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 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: cherty - loam  
loam  
silt loam  
cherty - silt loam

Surficial Soil Types: cherty - loam  
loam  
silt loam  
cherty - silt loam

Shallow Soil Types: cherty - clay loam  
clay loam

Deeper Soil Types: cherty - silty clay loam  
cherty - clay loam  
clay loam  
loamy sand  
cherty - clay

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## LOCAL / REGIONAL WATER AGENCY RECORDS

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

## WELL SEARCH DISTANCE INFORMATION

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

## FEDERAL USGS WELL INFORMATION

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

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

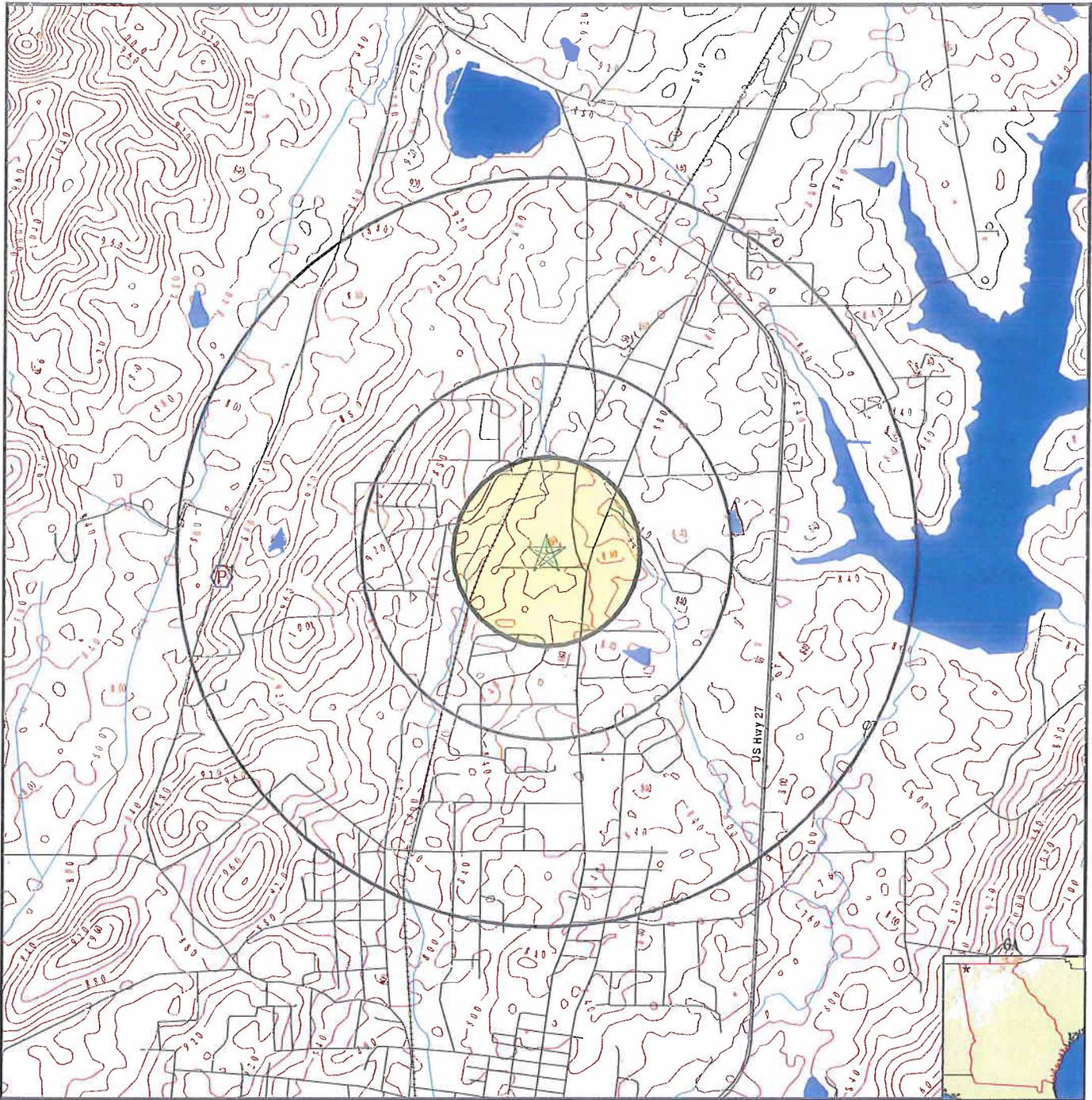
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	GA2950002	1/2 - 1 Mile West

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 - 3309612.2s**



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

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

**SITE NAME:** DCA Woodlands Village I & II  
**ADDRESS:** 1201 West North Main Street  
 LA Fayette GA 30728  
**LAT/LONG:** 34.7266 / 85.2815

**CLIENT:** Geotechnical & Env'tl. Cons.  
**CONTACT:** Tameka Gordon  
**INQUIRY #:** 3309612.2s  
**DATE:** April 24, 2012 4:11 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**  
**West**      Database: **FRDS PWS**      EDR ID Number: **GA2950002**  
**1/2 - 1 Mile**  
**Lower**

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	3253		
Facility name:	BIG SPRINGS WATER PLANT		
Facility type:	Treatment_plant	Treatment process:	filtration, rapid sand
Treatment objective:	particulate removal		
Contact name:	ARNOLD, JOHNNY		
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272	Contact address1:	207 SOUTH DUKE ST
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	3580		
Facility name:	DIXON SPRING WELLS PLANT		
Facility type:	Treatment_plant	Treatment process:	filtration, rapid sand
Treatment objective:	particulate removal		
Contact name:	ARNOLD, JOHNNY		
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272	Contact address1:	207 SOUTH DUKE ST
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	3864		
Facility name:	LEE SCHOOL ROAD PLANT		
Facility type:	Treatment_plant	Treatment process:	filtration, rapid sand
Treatment objective:	particulate removal		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	9804		
Facility name:	DIXON SPRING WELL #1		
Facility type:	Well	Treatment process:	filtration, rapid sand
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	9805		
Facility name:	DIXON SPRING WELL #2		
Facility type:	Well	Treatment process:	filtration, rapid sand
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	9806		
Facility name:	LEE SCHOOL WELL #3		
Facility type:	Well	Treatment process:	filtration, rapid sand
Treatment objective:	particulate removal		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	16360		
Facility name:	LEE SCHOOL RD PLANT SOURCES HEADER		
Facility type:	Common_headers	Treatment process:	rapid mix
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	16424		
Facility name:	UPPER SPRING		
Facility type:	Spring	Treatment process:	rapid mix
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2408		
Facility name:	HWY. 193 WATER PLANT		
Facility type:	Treatment_plant	Treatment process:	rapid mix
Treatment objective:	particulate removal		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	3253		
Facility name:	BIG SPRINGS WATER PLANT		
Facility type:	Treatment_plant	Treatment process:	rapid mix
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	3580		
Facility name:	DIXON SPRING WELLS PLANT		
Facility type:	Treatment_plant	Treatment process:	rapid mix
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	3864		
Facility name:	LEE SCHOOL ROAD PLANT		
Facility type:	Treatment_plant	Treatment process:	rapid mix
Treatment objective:	particulate removal		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	9804		
Facility name:	DIXON SPRING WELL #1	Treatment process:	rapid mix
Facility type:	Well		
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	14634		
Facility name:	DRY CREEK	Treatment process:	coagulation
Facility type:	Intake		
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	14635		
Facility name:	LOWER SPRING	Treatment process:	coagulation
Facility type:	Spring		
Treatment objective:	particulate removal		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	16359		
Facility name:	BIG SPRINGS PLANT SOURCES COMMON HEADER		
Facility type:	Common_headers	Treatment process:	coagulation
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	16360		
Facility name:	LEE SCHOOL RD PLANT SOURCES HEADER		
Facility type:	Common_headers	Treatment process:	coagulation
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	16424		
Facility name:	UPPER SPRING		
Facility type:	Spring	Treatment process:	coagulation
Treatment objective:	particulate removal		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2408		
Facility name:	HWY. 193 WATER PLANT		
Facility type:	Treatment_plant	Treatment process:	coagulation
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	3253		
Facility name:	BIG SPRINGS WATER PLANT		
Facility type:	Treatment_plant	Treatment process:	coagulation
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	14632		
Facility name:	WALKER COUNTY WATER AUTHORITY		
Facility type:	Consecutive_connection	Treatment process:	sedimentation
Treatment objective:	particulate removal		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS	Owner type:	Local_Govt
Status:	Active		
Facility id:	14633	Treatment process:	sedimentation
Facility name:	CATOOSA UTILITY DISTRICT		
Facility type:	Consecutive_connection		
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS	Owner type:	Local_Govt
Status:	Active		
Facility id:	14634	Treatment process:	sedimentation
Facility name:	DRY CREEK		
Facility type:	Intake		
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS	Owner type:	Local_Govt
Status:	Active		
Facility id:	14635	Treatment process:	sedimentation
Facility name:	LOWER SPRING		
Facility type:	Spring		
Treatment objective:	particulate removal		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	16359		
Facility name:	BIG SPRINGS PLANT SOURCES COMMON HEADER		
Facility type:	Common_headers	Treatment process:	sedimentation
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	16360		
Facility name:	LEE SCHOOL RD PLANT SOURCES HEADER		
Facility type:	Common_headers	Treatment process:	sedimentation
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	16424		
Facility name:	UPPER SPRING		
Facility type:	Spring	Treatment process:	sedimentation
Treatment objective:	particulate removal		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	9806		
Facility name:	LEE SCHOOL WELL #3		
Facility type:	Well	Treatment process:	filtration, rapid sand
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	9807		
Facility name:	LEE SCHOOL WELL #5		
Facility type:	Well	Treatment process:	filtration, rapid sand
Treatment objective:	particulate removal		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	14631		
Facility name:	DISTRIBUTION SYSTEM		
Facility type:	Distribution_system_zone	Treatment process:	ph adjustment, post
Treatment objective:	corrosion control		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	14632		
Facility name:	WALKER COUNTY WATER AUTHORITY		
Facility type:	Consecutive_connection	Treatment process:	ph adjustment, post
Treatment objective:	corrosion control		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	14633		
Facility name:	CATOOSA UTILITY DISTRICT		
Facility type:	Consecutive_connection	Treatment process:	ph adjustment, post
Treatment objective:	corrosion control		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	14634		
Facility name:	DRY CREEK		
Facility type:	Intake	Treatment process:	ph adjustment, post
Treatment objective:	corrosion control		

## GEOCHECK® PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS	Owner type:	Local_Govt
Status:	Active		
Facility id:	14635	Treatment process:	ph adjustment, post
Facility name:	LOWER SPRING		
Facility type:	Spring		
Treatment objective:	corrosion control		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS	Owner type:	Local_Govt
Status:	Active		
Facility id:	16359	Treatment process:	ph adjustment, post
Facility name:	BIG SPRINGS PLANT SOURCES COMMON HEADER		
Facility type:	Common_headers		
Treatment objective:	corrosion control		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS	Owner type:	Local_Govt
Status:	Active		
Facility id:	3864	Treatment process:	gaseous chlorination, post
Facility name:	LEE SCHOOL ROAD PLANT		
Facility type:	Treatment_plant		
Treatment objective:	disinfection		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	9804		
Facility name:	DIXON SPRING WELL #1		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	9805		
Facility name:	DIXON SPRING WELL #2		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		

Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	9806		
Facility name:	LEE SCHOOL WELL #3		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		
Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	9807		
Facility name:	LEE SCHOOL WELL #5		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		
Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	14631		
Facility name:	DISTRIBUTION SYSTEM		
Facility type:	Distribution_system_zone	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		
Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	14632		
Facility name:	WALKER COUNTY WATER AUTHORITY		
Facility type:	Consecutive_connection	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name: ARNOLD, JOHNNY Original name: ARNOLD, JOHNNY Contact phone: 706-638-1272 Contact address2: Not Reported Contact city: LAFAYETTE Contact zip: 30728	Contact address1: 207 SOUTH DUKE ST	
Pwsid: GA2950002 State: GA Pws name: LAFAYETTE Population Served: 15630 PWS Source: Purch_surface_water Pws type: CWS Status: Active Facility id: 14633 Facility name: CATOOSA UTILITY DISTRICT Facility type: Consecutive_connection Treatment objective: disinfection	Epa region: 04 County: Walker Pwssvconn: 6011 Owner type: Local_Govt Treatment process: gaseous chlorination, post	
Contact name: ARNOLD, JOHNNY Original name: ARNOLD, JOHNNY Contact phone: 706-638-1272 Contact address2: Not Reported Contact city: LAFAYETTE Contact zip: 30728	Contact address1: 207 SOUTH DUKE ST	
Pwsid: GA2950002 State: GA Pws name: LAFAYETTE Population Served: 15630 PWS Source: Purch_surface_water Pws type: CWS Status: Active Facility id: 14634 Facility name: DRY CREEK Facility type: Intake Treatment objective: disinfection	Epa region: 04 County: Walker Pwssvconn: 6011 Owner type: Local_Govt Treatment process: gaseous chlorination, post	
Contact name: ARNOLD, JOHNNY Original name: ARNOLD, JOHNNY Contact phone: 706-638-1272 Contact address2: Not Reported Contact city: LAFAYETTE Contact zip: 30728	Contact address1: 207 SOUTH DUKE ST	
Pwsid: GA2950002 State: GA Pws name: LAFAYETTE Population Served: 15630 PWS Source: Purch_surface_water Pws type: CWS Status: Active Facility id: 14635 Facility name: LOWER SPRING Facility type: Spring Treatment objective: disinfection	Epa region: 04 County: Walker Pwssvconn: 6011 Owner type: Local_Govt Treatment process: gaseous chlorination, post	

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		
Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	16359		
Facility name:	BIG SPRINGS PLANT SOURCES COMMON HEADER		
Facility type:	Common_headers	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		
Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	16360		
Facility name:	LEE SCHOOL RD PLANT SOURCES HEADER		
Facility type:	Common_headers	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	ARNOLD, JOHNNY	Contact address1:	207 SOUTH DUKE ST
Original name:	ARNOLD, JOHNNY		
Contact phone:	706-638-1272		
Contact address2:	Not Reported		
Contact city:	LAFAYETTE		
Contact zip:	30728		
Pwsid:	GA2950002	Epa region:	04
State:	GA	County:	Walker
Pws name:	LAFAYETTE		
Population Served:	15630	Pwssvconn:	6011
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	16424		
Facility name:	UPPER SPRING		
Facility type:	Spring	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name: ARNOLD, JOHNNY  
 Original name: ARNOLD, JOHNNY  
 Contact phone: 706-638-1272  
 Contact address2: Not Reported  
 Contact city: LAFAYETTE  
 Contact zip: 30728  
 Contact address1: 207 SOUTH DUKE ST

Pwsid: GA2950002  
 State: GA  
 Pws name: LAFAYETTE  
 Population Served: 15630  
 PWS Source: Purch\_surface\_water  
 Pws type: CWS  
 Status: Active  
 Facility id: 2408  
 Facility name: HWY. 193 WATER PLANT  
 Facility type: Treatment\_plant  
 Treatment objective: disinfection  
 Epa region: 04  
 County: Walker  
 Pwssvconn: 6011  
 Owner type: Local\_Govt  
 Treatment process: gaseous chlorination, post

Contact name: ARNOLD, JOHNNY  
 Original name: ARNOLD, JOHNNY  
 Contact phone: 706-638-1272  
 Contact address2: Not Reported  
 Contact city: LAFAYETTE  
 Contact zip: 30728  
 Contact address1: 207 SOUTH DUKE ST

Pwsid: GA2950002  
 State: GA  
 Pws name: LAFAYETTE  
 Population Served: 15630  
 PWS Source: Purch\_surface\_water  
 Pws type: CWS  
 Status: Active  
 Facility id: 3253  
 Facility name: BIG SPRINGS WATER PLANT  
 Facility type: Treatment\_plant  
 Treatment objective: disinfection  
 Epa region: 04  
 County: Walker  
 Pwssvconn: 6011  
 Owner type: Local\_Govt  
 Treatment process: gaseous chlorination, post

Contact name: ARNOLD, JOHNNY  
 Original name: ARNOLD, JOHNNY  
 Contact phone: 706-638-1272  
 Contact address2: Not Reported  
 Contact city: LAFAYETTE  
 Contact zip: 30728  
 Contact address1: 207 SOUTH DUKE ST

PWS ID: GA2950002  
 Date Initiated: Not Reported  
 PWS Name: LAFAYETTE  
 CITY OF LAFAYETTE  
 POB 89  
 LAFAYETTE, GA 307280089  
 Date Deactivated: Not Reported

Addressee / Facility: Not Reported

Facility Latitude: 34 43 32.0000  
 Facility Longitude: 85 17 49.0000  
 Facility Latitude: 34 46 36.0000  
 Facility Longitude: 85 22 36.0000  
 Facility Latitude: 34 46 36.0000  
 Facility Longitude: 85 17 49.0000  
 City Served: Not Reported  
 Treatment Class: Treated  
 Population: 15600

Violations information not reported.

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**ENFORCEMENT INFORMATION:**

Truedate: 03/31/2009 Pwsid: GA2950002  
 Pwsname: LAFAYETTE  
 Retpopsrvd: 17420 Pwstypecod: C  
 Void: 10202 Contaminant: 7000  
 Viol. Type: CCR Complete Failure to Report  
 Complperbe: 7/1/2002 0:00:00  
 Complperen: 7/7/2002 0:00:00 Enfdate: 7/2/2002 0:00:00  
 Enf action: State Violation/Reminder Notice  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: GA2950002  
 Pwsname: LAFAYETTE  
 Retpopsrvd: 17420 Pwstypecod: C  
 Void: 10202 Contaminant: 7000  
 Viol. Type: CCR Complete Failure to Report  
 Complperbe: 7/1/2002 0:00:00  
 Complperen: 7/7/2002 0:00:00 Enfdate: 7/7/2002 0:00:00  
 Enf action: State Compliance Achieved  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: GA2950002  
 Pwsname: LAFAYETTE  
 Retpopsrvd: 17420 Pwstypecod: C  
 Void: 10503 Contaminant: 7000  
 Viol. Type: CCR Complete Failure to Report  
 Complperbe: 7/1/2003 0:00:00  
 Complperen: 7/3/2003 0:00:00 Enfdate: 7/1/2003 0:00:00  
 Enf action: State Intentional no-action  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: GA2950002  
 Pwsname: LAFAYETTE  
 Retpopsrvd: 17420 Pwstypecod: C  
 Void: 10503 Contaminant: 7000  
 Viol. Type: CCR Complete Failure to Report  
 Complperbe: 7/1/2003 0:00:00  
 Complperen: 7/3/2003 0:00:00 Enfdate: 7/3/2003 0:00:00  
 Enf action: State Compliance Achieved  
 Violmeasur: Not Reported

System Name: LAFAYETTE  
 Violation Type: CCR Complete Failure to Report  
 Contaminant: 7000  
 Compliance Period: 7/1/2002 0:00:00 - 7/7/2002 0:00:00  
 Violation ID: 10202  
 Enforcement Date: 7/2/2002 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: LAFAYETTE  
 Violation Type: CCR Complete Failure to Report  
 Contaminant: 7000  
 Compliance Period: 7/1/2002 0:00:00 - 7/7/2002 0:00:00  
 Violation ID: 10202  
 Enforcement Date: 7/7/2002 0:00:00 Enf. Action: State Compliance Achieved

# GEOCHEMICAL PHYSICAL SETTING SOURCE MAP FINDINGS

## ENFORCEMENT INFORMATION:

System Name:	LAFAYETTE		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	7/1/2002 0:00:00 - 7/7/2002 0:00:00		
Violation ID:	10202		
Enforcement Date:	7/2/2002 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	LAFAYETTE		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	7/1/2002 0:00:00 - 7/7/2002 0:00:00		
Violation ID:	10202		
Enforcement Date:	7/7/2002 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	LAFAYETTE		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	7/1/2003 0:00:00 - 7/3/2003 0:00:00		
Violation ID:	10503		
Enforcement Date:	7/1/2003 0:00:00	Enf. Action:	State Intentional no-action
System Name:	LAFAYETTE		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	7/1/2003 0:00:00 - 7/3/2003 0:00:00		
Violation ID:	10503		
Enforcement Date:	7/3/2003 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	LAFAYETTE		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	7/1/2003 0:00:00 - 7/3/2003 0:00:00		
Violation ID:	10503		
Enforcement Date:	7/1/2003 0:00:00	Enf. Action:	State Intentional no-action
System Name:	LAFAYETTE		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	7/1/2003 0:00:00 - 7/3/2003 0:00:00		
Violation ID:	10503		
Enforcement Date:	7/3/2003 0:00:00	Enf. Action:	State Compliance Achieved

## CONTACT INFORMATION:

Name:	LAFAYETTE	Population:	17420
Contact:	ARNOLD, JOHNNY	Phone:	Not Reported
Address:	207 SOUTH DUKE ST		
Address 2:	LAFAYETTE		
	GA, 30 706-6		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

Federal EPA Radon Zone for WALKER County: 2

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

Federal Area Radon Information for Zip Code: 30728

Number of sites tested: 4

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.025 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

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

Source: United States Geologic Survey

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

### 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 (NCS) 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

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

**GEC**

**User Interview Questionnaire**

Date: May 14, 2012

Property Name: Woodlands Village II

Name, Address, and Telephone Number of User:

Woodlands Village II, 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: *Assumption of Loan*
- 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.

May 24, 2012

**SUBJECT:** Information Questionnaire – Fire & HAZMAT Responses  
Woodlands Village  
Lafayette, Walker County, Georgia  
GEC Job #120313.240

**Attention:** Fire Chief of Lafayette, Georgia  
Lafayette Fire Department

Geotechnical & Environmental Consultants, Inc. (GEC) is currently conducting a Phase I Environmental Site Assessment (ESA) on the above referenced site located south and east of Washington Probasco Street North, west of West North Main Street and north of Campbell Avenue in Lafayette, Georgia. The site is located at the corner of Campbell Avenue and West North Main Street. 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: [asimms@geconsultants.com](mailto:asimms@geconsultants.com).

1. 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.  
\_\_\_\_\_
2. 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.  
\_\_\_\_\_
3. 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?  
\_\_\_\_\_

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,

Form Completed by: Robert Busby Jr.

Print: Robert Busby Jr.  
Date: 05/29/12

Andrew Simms  
For Tameka Gordon  
Environmental Specialist

514 Hillcrest Industrial Boulevard Macon, GA 31204 Tel: (478) 757-1606 Fax: (478) 757-1608  
5031 Millgen Court Columbus, GA 31907 Tel: (706) 569-0008 Fax: (706) 569-0940  
P.O. Box 767637 Roswell, GA Tel: (770) 804-9055 Fax: (478) 757-1608

05/24/2012 13:04 GEC

(FAX) 478 757 1608

P.002/003

# GEC

GEOTECHNICAL & ENVIRONMENTAL  
CONSULTANTS, INC.

May 24, 2012

**SUBJECT: Information Questionnaire – Environmental Health Responses**  
Woodlands Village  
Lafayette, Walker County, Georgia  
GEC Job #120313.240

**Attention: Ms. Tracy Pevehouse, County Nurse Manager**  
**Walker County Health Department**

Geotechnical & Environmental Consultants, Inc. (GEC) is currently conducting a Phase I Environmental Site Assessment (ESA) on the above referenced site located south and east of Washington Probasco Street North, west of West North Main Street and north of Campbell Avenue in Lafayette, Georgia. The site is located at the corner of Campbell Avenue and West North Main Street. 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 at [asimms@geconsultants.com](mailto:asimms@geconsultants.com).

1. 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.  


---
2. 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?
3. 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,

Andrew Simms  
For **Tameka Gordon**  
Environmental Specialist

Form Completed by:

Print:

Date:

*Clay Tracy*  
Clay Tracy  
6/4/12

514 Hillcrest Industrial Boulevard Macon, GA 31204 Tel: (478) 757-1606 Fax: (478) 757-1608  
5031 Milgen Court Columbus, GA 31907 Tel: (706) 569-0008 Fax: (706) 569-0940  
P.O. Box 767637 Roswell, GA Tel: (770) 804-9055 Fax: (478) 757-1608

# GEC

## GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS, INC.

May 24, 2012

**SUBJECT: Information Questionnaire - Planning & Zoning**  
Woodlands Village  
Lafayette, Walker County, Georgia  
GEC Job #120313.240

**Attention: Rod Robertson**  
City of Lafayette Code Enforcement & Engineering Department

Geotechnical & Environmental Consultants, Inc. (GEC) is currently conducting a Phase I Environmental Site Assessment (ESA) on the above referenced site located south and east of Washington Probasco Street North, west of West North Main Street and north of Campbell Avenue in Lafayette, Georgia. The site is located at the corner of Campbell Avenue and West North Main Street. 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 at [astmms@geconsultants.com](mailto:astmms@geconsultants.com).

1. What is the zoning for the subject property? B-2 (GENERAL BUSINESS)
2. Are you aware of any zoning restrictions currently on the subject property?  
( ) Yes; (  ) No *if yes, please elaborate.*

---

3. 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?  
NOT AWARE OF ANY NEGATIVE LAND USE OR POTENTIAL HAZARDOUS CONDITIONS
4. 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?
5. Are there any record or any known environmental conditions or concerns at the subject property or in the immediate site vicinity? ( ) Yes; (  ) No; *if Yes, please elaborate.*

---

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,

Andrew Simms  
For Tameka Gordon  
Environmental Specialist

Form Completed by: Rod L. Robertson  
Print: ROD L. ROBERTSON  
Date: 5-25-12

514 Hillcrest Industrial Boulevard Macon, GA 31204 Tel: (478) 757-1606 Fax: (478) 757-1608  
5031 Milgen Court Columbus, GA 31907 Tel: (706) 569-0008 Fax: (706) 569-0940  
P.O. Box 767637 Roswell, GA Tel: (770) 804-9055 Fax: (478) 757-1608

**CITY OF LaFAYETTE**  
**OFFICE OF THE CODES ENFORCEMENT OFFICER&ENGINEERING**  
207 SOUTH DUKE STREET, POST OFFICE BOX 89  
LaFAYETTE, GEORGIA 30728  
TELEPHONE: 706-638-1511 FACSIMILE: 706-638-1872

May 2012

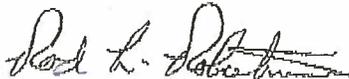
Re: Woodlands Senior Village, 1201 North West Main Street, LaFayette,  
Georgia

DCA, Investors and Other Involved Parties,

Woodlands Senior Village has been a part of our community since 2003. We now have a City population of over 7,000 and a County population of approximately 70,000, 25% of this population is age 55 and older by our latest census figures. Because Walker County is developed more rural and the trend as people get older is to down size and gravitate toward simpler living style, our City is one of 4 cities in the County that readily offer this opportunity. We are centrally located within the County and have easy access yet still maintain a more rural/small town atmosphere. There is a great need to provide opportunity for housing for our older generation.

Woodlands Senior Village was approved for construction as a permitted use in the B-2 (general business) Zone where it still exists. This complex sits on approximately 8.5 acres of property which is only about 65% developed and allows by City Ordinance density regulations additional expansion of the complex if deemed necessary. Existing utilities are adequate to handle this additional growth. This complex was inspected by our Codes Department during construction and because of having very few compliance or emergency issues during my 9 year tenure it is believed to be a safe place to live. This department will be deeply involved with all new construction and can inspect the existing facilities if requested. Woodlands Village is considered an asset to this City and this Department's desire is for the facility to remain as an optional type of housing for our community.

Sincerely,



Rod Robertson  
Building and Zoning Official  
City of LaFayette

Supp. No. 19

R-3

2106.4



B-1

DIS-TRICTS	PERMITTED USES	CONDITIONAL USE	MINIMUM LOT SIZE		LOT COV. ERAGE	MAX-IMUM BUILD-ING HEIGHT	MINIMUM YARD DIMENSIONS		
			Area (Sq. Ft.)	Width (Feet)	% of Total (Lot)	(Stories)	Front (Feet)	Side (Feet)	Rear (Feet)
	Churches		1 acre			3	75	75	75
	Medical Buildings	Telephone Exchange (including office space and equipment storage)	9,000	75	25		30	8	15
		Home Occupation							
		Mobile Home Park							
		Mobile Home							
		Nursery School/Kindergarten							
		Personal Care Home							
	Automobile Sales								
	Retail Bakery Shop Bank Office, Studio Hotel		No minimum yard or lot areas shall be required in the B-1 District except as follows: a. When existing buildings located on each side of a proposed new building have established a building line, then the new building shall conform to that line. b. When lots in this District are adjacent to and adjoining a Residential District, those lots shall have a minimum yard of 10 feet on the side or sides adjacent to the Residential District.						

§ 29-50

LAFAYETTE CITY CODE

Supp. No. 19

2106.5

DIS-TRICTS	PERMITTED USES	CONDITIONAL USE	MINIMUM LOT SIZE		LOT COV. ERAGE	MAX-IMUM BUILD-ING HEIGHT	MINIMUM YARD DIMENSIONS		
			Area (Sq. Ft.)	Width (Feet)	% of Total (Lot)	(Stories)	Front (Feet)	Side (Feet)	Rear (Feet)
		Small Lot							

**NOTE: ANY USE LISTED IN B-1 CAN ALSO BE DONE IN B-2**

APPENDIX A—ZONING

§ 29-50

Supp. No. 21

2107

B-1

DIS-TRICTS	PERMITTED USES	CONDITIONAL USE	MINIMUM LOT SIZE		LOT COV-ERAGE % of Total (Lot)	MAX-IMUM BUILD-ING HEIGHT (Stories)	MINIMUM YARD DIMENSIONS		
			Area (Sq. Ft.)	Width (Feet)			Front (Feet)	Side (Feet)	Rear (Feet)
29-50.4 B-1 Commercial	Amusement Centers								
	Public Building		<p>No minimum yard or lot areas shall be required in the B-1 District except as follows:</p> <p>a. When existing buildings located on each side of a proposed new building have established a building line, then the new building shall conform to that line.</p> <p>b. When lots in this District are adjacent to and adjoining a Residential District, these lots shall have a minimum yard of 10 feet on the side or sides adjacent to the Residential District.</p>						
	Wholesale (excluding warehousing)								
	Radio Stations (excluding transmission facilities)								
	Newspaper Office and Print Shop								
	Mortuary								
	Restaurant, Cafe								
	Parking Lot & Parking Garage								
	Taxicab and Bus Station								

ALTERNATE B-1 USES

Supp. No. 21

2108

B-2

DIS-TRICTS	PERMITTED USES	CONDITIONAL USE	MINIMUM LOT SIZE		LOT COV-ERAGE % of Total (Lot)	MAX-IMUM BUILD-ING HEIGHT (Stories)	MINIMUM YARD DIMENSIONS		
			Area (Sq. Ft.)	Width (Feet)			Front (Feet)	Side (Feet)	Rear (Feet)
	Telephone Exchange								
	Other Retail Uses								
	Business Sign	Advertising Sign							
		Rooming House							
	B-1 Uses						30	10	25
	Cold Storage Plants						30	10	25
	Milk and Soft Drink Bottling and Distribution Plant						30	10	25
	Building Materials						30	10	25
	Dwelling, Upstairs	One bedroom efficiency	Min. Sq. Ft. 600; Max No. Occupants-2; Max No. Vehicles-2						
		Two bedroom unit	Min. Sq. Ft. 800; Max No. Occupants-4; Max No. Vehicles-3						
29-50.5 B-2 Commercial	Food Processing (except meat, fish or fowl)						30	10	25

S 29-50

ALTERNATE B-2 USES

Supp. No. 21

2109

B-2

DIS-TRICTS	PERMITTED USES	CONDITIONAL USE	MINIMUM LOT SIZE		LOT COV-ERAGE % of Total (Lot)	MAX-IMUM BUILD-ING HEIGHT (Stories)	MINIMUM YARD DIMENSIONS		
			Area (Sq. Ft.)	Width (Feet)			Front (Feet)	Side (Feet)	Rear (Feet)
	Tourist Court or Motel						30	10	25
	Feed Store						30	20	25
	Multiple-Dwell-ing Units		See Note 1	See Note 1	40	3	30	10	25
	Auto Repair and Garage (ex-cept auto stor-age)						30	10	25
		Planned Shopping Center	3 acres				50	20	50
		Mobile Home Park							
	Churches						30	10	25
	Filling Station						30	20	25
		Fuel Storage							
		Rooming House							
		Advertising Sign							
		Nursery School/Kin-dergarten							
	Automobile Sales and Ser-vice	Single Family Dwell-ing-Home Occupation							
		Borrow pit							

APPENDIX A - ZONING

§ 29-20

B-2 Medical  
Distributors

Supp. No. 21

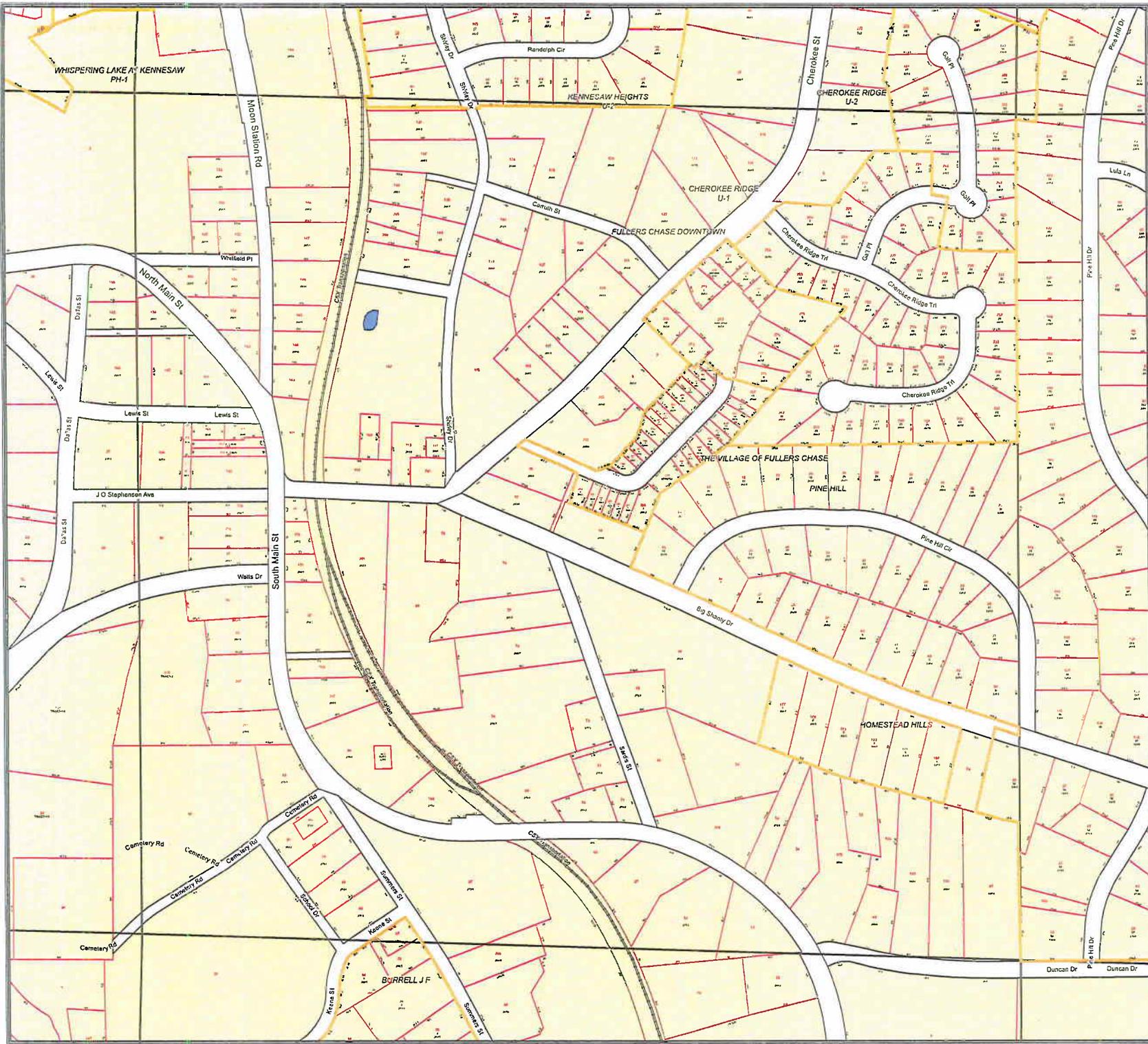
2110

B-2

DIS-TRICTS	PERMITTED USES	CONDITIONAL USE	MINIMUM LOT SIZE		LOT COV-ERAGE % of Total (Lot)	MAX-IMUM BUILD-ING HEIGHT (Stories)	MINIMUM YARD DIMENSIONS		
			Area (Sq. Ft.)	Width (Feet)			Front (Feet)	Side (Feet)	Rear (Feet)
	Single-Family Residence (pro-vided the cur-rently existing structure was used as a sin-gle-family resi-dence at the time of the pas-sage of the Zon-ing Ordinance of LaFayette, Georgia, on Oc-tober 14, 1974)								
	Dwelling, Up-stairs	One bedroom effi-ciency	Min. Sq. Ft. 600; Max No. Occupants-2; Max No. Vehicles-2						
		Two bedroom unit	Min. Sq. Ft. 800; Max No. Occupants-4; Max No. Vehicles-3						

§ 29-20

LAFAYETTE CITY CODE



**Legend**

- Parcel
  - 00 Parcel
  - 01 Lot Number
  - 02 Street Address
- Railroad ROW
- Trail ROW
- Water Region
- Land Lots
- Subdivision Boundary
- Cobb Boundary

**City Limits**

- Acworth
- Austell
- Kennesaw
- Marietta
- Powder Springs
- Smyrna
- Unincorporated

**C.I.D Limits**

- Cumberland Mall
- Town Center

**Misc**

- Land hooks
- Water Property line
- Parks

20-128	20-129	20-130
20-139		20-137
20-166	20-167	20-168

**Cobb County**  
 Board of Tax Assessors  
 Mapping Division  
 736 Whitlock Ave. Ste 200  
 Marietta, Georgia 30064  
 770-528-3100

DISCLAIMER NOTE: This map is prepared for the inventory of real property (land within this jurisdiction and is compiled from aerial photography, recorded deeds, plans, and other mapping data and public records. Users of this map are hereby advised that the information is provided for public information purposes and should be considered for verification of the information contained in this map. This jurisdiction and the mapping companies involved in preparing the Assessor's digital responsibilities for the information contained in this map.

Coordinate System based on Georgia State Plane System: West Zone - NAD83

THIS TAX MAP AND COMP. CD FOR THE PURPOSES ONLY AND NOT TO BE USED FOR ANY OTHER PURPOSE.

Print Date  
 Jul 05, 2011

Scale:  
 0 50 100 200 300 400 Feet  
 (1 inch = 200 ft in 17" x 22" paper)

*City of La Fayette*  
*Water and Sewer Department*  
*P.O. Box 89*  
*2776 Hwy. 27 South By-Pass*  
*La Fayette, Georgia 30728*  
*706-639-1561*

June 12, 2012

Butch Richardson  
Manager of Development  
The Olympia Group  
Olympia Construction, Inc.  
Olympia Investment Partnership  
404 E. McKinney Avenue  
Albertville, Alabama 35950

RE: Water and Sewer Availability for  
Woodland Village II

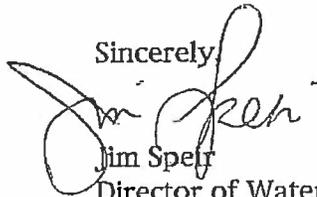
Mr. Richardson,

The City of La Fayette Water and Sewer Department has been contacted by your company concerning a proposed construction of 40 new residential units at Woodland Village, 1201 West North Main Street, La Fayette, Georgia. In addition, you will be constructing a new Community Center to replace the existing one.

The proposed location is serviced by the City of La Fayette Water and Sewer Department and adequate water and sewer capacity is available at this site, see attached report. This connection will be subject to all regulations and connection fees due prior to installation.

If you have any questions, or need further information, please call me at 706-639-1561.

Sincerely,



Jim Speer  
Director of Water and Sewer  
City of La Fayette

cc: Frank Etheridge, City Manager  
John Sweitzer, Sweitzer Engineering Inc.  
Rod Roberson, Director of Gas and Codes

# SWEITZER ENGINEERING, INC.

CONSULTING ENGINEERS

June 11, 2012

Mr. Wally Meeks  
Assistant Water and Sewer Director  
City of LaFayette  
P.O. Box 89  
LaFayette, Georgia 30728

Re: Water /Sewer System Capacity Analysis for the Proposed Woodlands Village, Phase 2 at  
1201 West North Main Street, LaFayette, Georgia  
Engineer's File No. 126-6504.21

Dear Wally:

We have completed our evaluation of LaFayette's water distribution system and sanitary sewer collection system to determine adequacy for the proposed Phase 2 expansion of Woodlands Village in LaFayette.

We understand that the proposed expansion will add 40 new residential units directly behind the existing units on the same tract of property at 1201 West North Main Street. The new units will be 2-story design, each with approximately 1,078 square ft. total floor space, 2 bedrooms and 2 baths. Also, the improvements will include a new community center (approximately 2,000 square feet) to replace the existing community center. The architect's schematic site plan is enclosed.

## **Water Service and Fire Flow:**

The 6-inch water main in West Main Street which now serves the Woodlands Village site is fed by LaFayette's Darvin Lane Water Tank. There is adequate water pressure and flow capacity in the main to supply domestic water to the existing as well as the 40 additional units.

The fire sprinkler flow requirements for the proposed development are 64 gpm at 58 psi residual. The fire hydrant fire flow requirements are assumed to be between 500 gpm to 750 gpm, at 20 psi minimum residual pressure.

The LaFayette Water Department conducted a fire hydrant flow test on June 7, 2012 at the nearest hydrant on West North Main Street which flowed at 1,030 gallons per minute (gpm) at 80 psi residual pressure. To further evaluate the impact of fire flow on the surrounding water system, we used our WaterGEMS model of the LaFayette water distribution system which provides a calculated performance of the existing water piping network, pumps, and storage tanks of the entire LaFayette water distribution system. The analysis is based upon the assumption that fire flow duration of 90 minutes. We analyzed the piping network on the basis of maximum day demand (2 times the average daily demand system-wide) concurrent with the required fire flow, as required by the Georgia Environmental Protection Division standards, while maintaining 20 psi minimum residual pressures at the point of connection at the street and throughout the remainder of the LaFayette distribution system. The Darvin Lane Tank is assumed to be 80% full at the start of the flow simulation.

**SWEITZER ENGINEERING, INC.**

CONSULTING ENGINEERS

Mr. Wally Meeks  
June 11, 2012  
Page 2 of 2

We conclude that the 6-inch water main in West North Main Street supplied by the Darwin Lane Water Tank, will safely furnish at least 1,000 gpm total fire suppression flow plus max day concurrent flow at 60 psi residual pressure. When tested at 1000 gpm plus concurrent flow on the maximum day, the residual pressures remain above 20 psi throughout the Darwin Tank pressure zone.

It is important to note that calculated pressures stated herein are the anticipated residual pressures at the point of connection to the LaFayette water distribution system in the street. The calculations do not include pressure losses that will be experienced in required metering, backflow prevention valves, and within on-site piping between the water main connection and the sprinkler systems at the units. Such pressure losses can be significant and must be determined by the developer's fire protection engineer.

**Sanitary Sewer:**

An 8-inch diameter gravity sewer now serves the existing units at Woodlands Village and several nearby properties. The collection sewer extends westward along to the railroad, then generally southward generally parallel to the railroad to larger trunk sewers which extend along Spring Creek south to LaFayette's Wastewater Treatment Plant on Cherokee Street in south LaFayette.

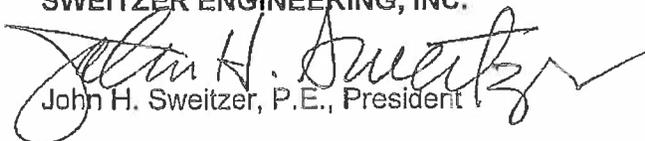
It appears that the proposed 40 residential units can be served by gravity connection to the existing 8-inch sewer, although easements may be required for gravity flow. The new residential units should not be connected by sewage pumping because of the greater flow rates created.

Although we have not undertaken a rigorous evaluation of the receiving trunk sewers along Spring Creek for this evaluation, there are no known deficiencies in the City's receiving sewers which should prevent connection of the 40 additional residential units. Even though it is known that the portions of the receiving trunk sewer are subject to excessive infiltration during wet weather and sometimes "run full," the gravity flow contribution of 40 additional residential units will have minor impact. Moreover, LaFayette's Five-Year Capital Plan includes a project to replace/rehabilitate significant portions of the Spring Creek Sewer Interceptor and Trunk Lines beginning in FY 2015.

We trust that our findings will be helpful to all concerned. Please do not hesitate to call if you have questions.

Sincerely,

**SWEITZER ENGINEERING, INC.**

  
John H. Sweitzer, P.E., President

Encl: Schematic Site Plan by McKean & Associates LLC, Architects

cc: Mr. Frank Etheridge, City Manager, City of LaFayette  
Mr. Jim Speir, Water and Sewer Director, City of LaFayette

CITY OF LAFAYETTE  
SOUTH DUKE STREET  
P. O. BOX 89  
LAFAYETTE, GEORGIA 30728

June 12, 2012

Butch Richardson  
Olympia Construction, Inc.  
P O Box 1909  
Albertville, AL 35950

Re: Electrical Service for Woodlands Village  
1201 West North Main St., LaFayette, GA

To Whom It May Concern:

This letter is to verify that the City of LaFayette Electric Department currently provides electrical service to Woodlands Village, and can continue to serve Woodlands Village and Woodlands Village II in the future.

Sincerely,



Brenda Snyder  
City Clerk  
City of LaFayette

CITY OF LAFAYETTE  
OFFICE OF THE NATURAL GAS DEPARTMENT  
207 SOUTH DUKE STREET, POST OFFICE BOX 89  
LaFAYETTE, GEORGIA 30728  
TELEPHONE: 706-639-1511 FACSIMILE: 706-638-1872

June 8, 2012

Butch Richardson  
Manager of Development  
The Olympia Group  
Olympia Construction, Inc. - Olympia Investment Partnership  
404 E. McKinney Ave., Albertville, AL 35950

Re: Gas service to Woodland Village Senior Apartments

Dear Mr. Richardson,

The natural gas provided to Woodland Village Apartments is supplied by our City's gas system. Our system serves over two thousand customers in our City and we are expanding our gas footprint with a new project just being completed and another project proposed to start later this summer. It is a major part of our City utilities and will continue to be provided for our citizens. We would even like to discuss supplying additional gas for any expansion that you would undertake.

If you have any questions please do not hesitate to call.

Sincerely,



Rod Robertson  
Gas Superintendent

# GEC

GEOTECHNICAL & ENVIRONMENTAL  
CONSULTANTS, INC.

May 24, 2012

City of Lafayette  
Water & Sewer Department

SUBJECT: Information Request – Water & Sewer Availability/Lead in Drinking Water  
**Woodlands Village**  
Lafayette, Walker County, Georgia  
GEC Job #120313.240

Mr. Jim Speir, Director of Water & Sewer  
Geotechnical & Environmental Consultants, Inc. (GEC) is currently updating a Phase I Environmental Site Assessment (ESA) on the above referenced site located south and east of Washington Probasco Street North, west of West North Main Street and north of Campbell Avenue in Lafayette, Georgia. The site is located at the corner of Campbell Avenue and West North Main Street. At your earliest convenience, please provide the appropriate information regarding water and sewer availability at this site.

While conducting this Phase I ESA on the subject property, GEC follows the current DCA 2012 Environmental Manual, which requires that the consultant follow the American Society for Testing and Materials (ASTM) E 1527-2005, Standard Practice for Environmental Site Assessments. The DCA ESA standard also provides some additional information that exceeds the ASTM requirements. Since lead in drinking water is one of these additional requirements, DCA usually requests that we verify the status of the drinking water supply with the municipality that will supply potable water to a proposed apartment/housing site. For the purposes of our assessment, we would like to request a letter addressing the **Walker County** water system's compliance status regarding its drinking water quality under the current EPD and EPA drinking water standards and a copy of your most current **Annual Water Quality Report**.

The Department of Community Affairs requires a written letter of confirmation of services. If possible, please send by mail or fax a letter to our GEC office in Macon and have the letter addressed to the following:

Olympia Construction  
Attn: Mr. Butch Richardson  
P.O. Box 1909  
Albertville, AL 35950

Please fax the letter and Annual Water Quality Report to GEC or email them to [asimms@geconsultants.com](mailto:asimms@geconsultants.com). Thank you for your assistance in this matter. Please contact our office with any questions.

Sincerely,

Andrew Simms  
For Tameka Gordon  
Environmental Specialist  
GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS, INC.

514 Hillcrest Industrial Boulevard Macon, GA 31204 Tel: (478) 757-1606 Fax: (478) 757-1608  
5031 Milgen Court Columbus, GA 31907 Tel: (706) 569-0008 Fax: (706) 569-0940  
P.O. Box 767637 Roswell, GA Tel: (770) 804-9055 Fax: (478) 757-1608

# Send Result Report



MFP

TASKalfa 420i

05/24/2012 13:36

Firmware Version 2KS\_2F00.005.004 2010.04.13

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Job No.: 070863

Total Time: 0°00'39"

Page: 003

## Complete

Document: doc07086320120524133442

# GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS

FAX NO. (478) 757-1608

### FACSIMILE TRANSMITTAL SHEET

**TO:**

**Mr. Jim Speir, Director  
of Water & Sewer**

**FROM:**

**Andrew Simms**

**COMPANY:**

**City of Lafayette Water  
and Sewer Department**

**DATE:**

**May 24, 2012**

**FAX NUMBER:**

**706-638-1237**

**TOTAL NO. OF PAGES INCLUDING COVER**

**3**

**PHONE NUMBER:**

**SENDER'S REFERENCE NUMBER:**

No.	Date and Time	Destination	Times	Type	Result	Resolution/ECM
001	05/24/12 13:35	17066381237	0°00'39"	FAX	OK	200x100 Normal/On

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

**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**

# Robert T. Hadden

Environmental Department Manager/Senior Environmental Specialist

## Education

- Bachelor of Arts, University of South Alabama, 1981

## Continuing Education

- Advanced Asbestos/Lead Seminar, March 24, 2011
- ASTM – Phase I & Phase II ESA's for Commercial Real Estate, June 13-15, 2006
- Annual 8-Hour Update of HAZPOWER Training – 1991-2010
- Asbestos Inspector/Planner Certificate Last Update May 2010
- Hazardous Waste Management: The Complete Course, August 1-2, 2002, Certification No. 71499
- Georgia Institute of Technology – Understanding Environmental
- Compliance Workshop November 12, 2002
- OSHA Hazard Communications Standard Training for Trainers, July 31, 2000, Certification No. 71498
- ISO 14001 Environmental Management Systems Lead Auditing, Course and Exam, September 1999, Certificate No. ET091399-09.
- Environmental Regulations in Georgia Seminar, January, 1997
- Underground Storage Tank Seminar, Georgia EPD, 1992, 1995
- 40-Hour Hazardous Waste Site Training, Certification 1991
- 40-Hour Environmental Site Assessment and Certification, 1993
- 24-Hour AHERA Asbestos Inspector Course and Certification, 1992

## Experience

Mr. Hadden has experience in both the geotechnical engineering and environmental fields, providing project management, construction quality control, and geotechnical & environmental consulting services. During the last 20 years, Mr. Hadden's environmental field experience has included Phase I and Phase II environmental site assessments, regulatory assessment and compliance auditing, field sampling and analysis by immunoassay, subsurface investigations to assess soil and groundwater contamination, construction monitoring for remediation projects, and asbestos surveys. He also has experience in underground storage tank removal, site assessment and remediation.

## Professional Memberships

- American Society of Testing & Materials (ASTM)
- Environmental Information Association – National
- Environmental Information Association – Georgia
- Georgia Affordable Housing Coalition

**GEC**

## **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: Woodlands Village II, L.P.  
(Phone) 256) 878 - 6054  
Owner/seller: Progressive Lafayette 1, Inc.  
(Phone) 404 - 371 - 2230 x 207  
Subject property: Woodlands Village Apartments

**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:

*Woodlands Village Apartments*

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

*single family home*

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

*Carriage Hills Apartments*

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

*Hedford's Pharmacy*

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

*vacant land*

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)

*paints + gas for maintenance and landscaping property*

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)?

*NA*

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)

NA

- (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)

NA

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.)

*house - community center might be 50+ years old.*

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 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? *There is a railroad line, but believe it to be more than 3,000 feet from property*  
 Yes  No  Unknown

If yes, the following must be completed:

- What is the name of the railway operating on this line? Unknown
- List the average number of trains for both directions during a 24-hour day  
\_\_\_\_\_
- List the average number of diesel locomotives per train \_\_\_\_\_ *Mostly passenger trains carrying sightseers to historic battlefield*
- 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) *sale*

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: Progressive Lafayette I, Inc.  
Relationship to Site: \_\_\_\_\_  
Address: 221 West Hill St  
Decatur, GA 30030  
E-mail Address: brucegunter@prihousing.com  
Phone Number: 404-371-1230 x207  
Date of Completion: 4-25-12

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 25<sup>th</sup> day  
of April, 2012, in the

Presence of: [Signature]  
[Signature]  
Witness

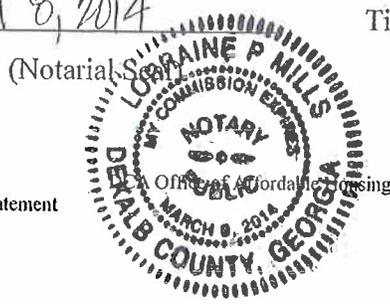
By: [Signature]  
Property Owner

[Signature]  
Notary Public

Bruce C Gunter  
Name

My commission Expires on:  
March 8, 2014

President  
Title



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

## PROPERTY LOG AND INFORMATION CHECKLIST

This form **MUST** be completed by the Qualified Environmental Professional who performed the Phase I and/or Phase II. 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 Woodlands Village Phase I & II  
1201 West North Main Street  
Lafayette, Georgia**

Developer's Name and Address: **Woodlands Village II, L.P.  
c/o Olympia Construction  
404 East McKinney Avenue  
Albertville, Alabama 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: **Robert T. Hadden**

Qualified Environmental Professional's Telephone Number and e-mail address:  
**(478) 757-1606 & [bhadden@geconsultants.com](mailto:bhadden@geconsultants.com)**

Environmental Consulting Firm's Name and Address:  
**Geotechnical & Environmental Consultants, Inc.  
514 Hillcrest Industrial Boulevard  
Macon, Georgia 31204-3472**

Date Phase I Environmental Site Assessment Completed: **May 7, 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)

### 3. Polychlorinated Biphenyls

- Utility Transformer Records
- Site Survey of Transformers
- 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) site reconnaissance

6. Waste Sites

- CERCLIS/RCRIS Results of neighborhoods 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 – Apartment complex built in 1998

8. Additional Hazards

- Urea Formaldehyde Foam Insulation Survey
- Interior Air Test Results
- Lead in Drinking Water Test Results
- Mold Inspection Results
- Other (Specify)

Checklist completed by: Robert T. Hadden

Name (Type or Print): **Robert T. Hadden**

Date: **May 7, 2012**

**APPENDIX L:  
Proof of Insurance**



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
3/28/2012

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Griffin Insurance Agency 506 West Ward St.  Douglas GA 31533		<b>CONTACT NAME:</b> Renee Mizell <b>PHONE (A/C No. Ext):</b> (912) 384-1003 <b>FAX (A/C No.):</b> (912) 384-8014 <b>E-MAIL ADDRESS:</b> renee@griffinagency.com															
<b>INSURED</b> Geotechnical & Environmental Consultants Inc & 514 Hillcrest Industrial Blvd  Macon GA 31204		<table border="1"> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A: OWNERS INSURANCE COMPANY</td> <td></td> </tr> <tr> <td>INSURER B:</td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: OWNERS INSURANCE COMPANY		INSURER B:		INSURER C:		INSURER D:		INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #																
INSURER A: OWNERS INSURANCE COMPANY																	
INSURER B:																	
INSURER C:																	
INSURER D:																	
INSURER E:																	
INSURER F:																	

**COVERAGES** CERTIFICATE NUMBER: CL11113000746 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVR	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC	X	X	47-849355	12/1/2011	12/1/2012	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS <input checked="" type="checkbox"/> DOC	X	X	47-84935501	12/1/2011	12/1/2012	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$	X		47-84935500	12/1/2011	12/1/2012	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		X	48-084348	12/1/2011	12/1/2012	<input type="checkbox"/> WC STATUTORY LIMITS <input checked="" type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Installation			47-849355	12/1/2011	12/1/2012	\$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. 120313.240 -- Woodlands Village

**CERTIFICATE HOLDER** **CANCELLATION**

The Georgia Housing & Finance Authority Dept of Community Affairs 60 Executive Park S Atlanta, GA 30329	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE  Renee Mizell/RENEE <i>Anapla R. Mingle</i>



# CERTIFICATE OF LIABILITY INSURANCE

OP ID: MD

DATE (MM/DD/YYYY)

03/28/12

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

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

## COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER: 1

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	GENERAL LIABILITY						EACH OCCURRENCE	\$
	<input type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$
	<input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						MED EXP (Any one person)	\$
							PERSONAL & ADV INJURY	\$
							GENERAL AGGREGATE	\$
	GENL AGGREGATE LIMIT APPLIES PER:						PRODUCERS - COMP/OP AGG	\$
	<input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC							\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	\$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person)	\$
	<input type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per accident)	\$
	<input type="checkbox"/> SCHEDULED AUTOS						PROPERTY DAMAGE (Per accident)	\$
	<input type="checkbox"/> HIRED AUTOS							\$
	<input type="checkbox"/> NON-OWNED AUTOS							\$
	UMBRELLA LIAB						EACH OCCURRENCE	\$
	<input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE						AGGREGATE	\$
	<input type="checkbox"/> DEDUCTIBLE							\$
	<input type="checkbox"/> RETENTION \$							\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						WC STATUTORY LIMITS	OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)		<input type="checkbox"/> Y <input type="checkbox"/> N				E.L. EACH ACCIDENT	\$
	If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				E.L. DISEASE - EA EMPLOYEE	\$
							E.L. DISEASE - POLICY LIMIT	\$
A	Cont Pollution			ECC101004342-03	12/01/11	12/01/12	Claim/Agg	2,000,000
A	Professional Liab			ECC101004342-03	12/01/11	12/01/12	Claim/Agg	2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Pollution & Professional Claims Made Retro Date 12/1/99, \$50,000 Deds apply.

Pollution & Professional are subject to the \$2,000,000 policy aggregate, these are not separate limits.

\*This certificate is revised and replaces any other certificates previously issued.\* \*\*SEE ATTACHED HOLDER NOTES PAGE\*\*

GEC Project No. 120313.240 -- Woodlands Village

## CERTIFICATE HOLDER

## CANCELLATION

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

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**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**



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



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 cursive script that reads 'Arthur P. Barry III'.

Arthur P. Barry III, SIOR  
Associate Broker/Partner

APB/mc

# STATE BANK & Trust Company

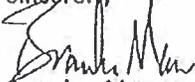
April 2, 2012

To Whom It May Concern:

Please allow this letter to serve as a reference for Geotechnical and Environmental Consultants, Inc. (GEC), with whom we enjoy an excellent relationship. We have the highest level of confidence in the work prepared by GEC. They are the only provider of geotechnical and environmental services that we recommend here in the Middle Georgia area.

The company always handles its affairs in a professional and timely manner. We are happy to have partnered with GEC on prior and current jobs and look forward to doing so again in the future. If I can be of any assistance answering any questions, please contact me at 478-796-6479.

Sincerely,



Brandon Mercer  
Senior Vice President

**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: Woodlands Village Apartments Phase I & II

Project Location: 1201 West North Main Street, Lafayette, Walker County, Georgia

<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. 1-34/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.* 5-6/2.4/I
3. The Environmental Professional is not affiliated with the Owner/developer or a buyer or seller of the project. 1-3/1.0
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. 17/5.0/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). 6/2.6
6. The Phase I Report was prepared in accordance with the applicable ASTM and DCA standards. 1-3&4-5/1.0&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. 26/5.5/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. 30/6.0&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: Woodlands Village Apartments Phase I & II

Project Location: 1201 West North Main Street, Lafayette, Walker County, Georgia

**Page/Sec./App.**

11. The Georgia Housing and Finance Authority and DCA have been named as 1) additional insureds and 2) certificate holders on the Accord 25 form (the required insurance certificate) for the commercial liability insurance policy. L

12. A 30 day cancellation period is included on the insurance certificate. L

13. The Owner Environmental Questionnaire & Disclosure Statement has been completed by the current Owner of the property and included in the Phase I Report. J

14. The completed Phase I Documentation: DCA Property Log and Information Checklist has been completed by the Environmental Professional and included in the Phase I Report. K

15. If required, the HOME and HUD Environmental Questionnaire is completed and included in the Phase I Report (includes projects applying for HOME funds and projects with other HUD funding sources listed, including PBRA). R

16. If, in accordance with Section II.B.5.b. of the DCA standards, a noise assessment is required, then the Report includes a noise assessment which was completed in accordance with the HUD Noise Assessment Guidelines ("NAG") and 24 C.F.R § 51.100 *et seq.* (applies to all projects, whether or not HUD funds are included in the financial structure). 24/5.4.22/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

Jon A. Spaller 6/12/12  
Environmental Professional Signature & Stamp Date



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

**GEC**



# THE CITY OF LAFAYETTE ANNUAL WATER QUALITY REPORT (For the year 2011)



## Important Information About the Safety of Your Drinking Water

The City of LaFayette Water Department (ID# 2950002) is pleased to report your community's drinking water met or exceeded all safety quality standards set by the State of Georgia and Environmental Protection Agency (EPA). This 2011 Water Quality Report provides our customers with monitoring and testing results gathered from water quality test during 2011. The City of LaFayette Water Department performed more than 11,000 tests during the past year on your drinking water to assess water quality and safety. Tests were performed on more than 160 water quality parameters. The chart on the following page shows your community's drinking water exceeds all safety and quality standards. For more information concerning water, or the facts presented in this report please call Ricky Reynolds Water Treatment Supervisor at (706) 638-4031 between the hours of 8:00 a.m. and 4:00 p.m.

### Sources of your Drinking Water

- Big Springs Plant located on Indiana Street (Ground Water) produced an average of 1,044,000 gallons per day.
- Lee School Road Plant located on Lee School Road south of LaFayette (Ground Water Paleozoic-Rock aquifer, unconfined) produced an average of 782,000 gallons per day.

### Purchased Sources

- Walker County Water Treatment Plant located at 333 Euclid Avenue, Chickamauga Ga. (four wells and Crawfish Spring, lake fed from the Paleozoic (Limestone) Knox aquifer and the New Alabama aquifer. We purchased an average of 678,000 gallons per day.
- Catoosa County Utilities (ground water from the lime stone group of the Paleozoic aquifer) we purchased an average of 40,350 gallons per day.

The sources of drinking water (both tap 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 material, and can pick up substances resulting from the presence of animals and human activity.

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

- Microbial contaminants such as viruses and bacteria possibly from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants such as salts and metals, occurring naturally or result from urban runoff, industrials or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, occurring from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic organic chemicals, which are by-products of industrial processes and petroleum production, and can, also, come from gas stations, urban storm water runoff, and septic system.
- Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of La Fayette 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>.

## Definitions

**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 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 safety.

**Treatment Technique (TT):** A required process intended to reduce the level of a contaminant in drinking water.

**NA:** Not Applicable.

**ND:** Not Detectable at testing limit.

**NTU:** Nephelometric turbidity unit

**ppm:** Parts per million means 1 part per 1,000,000 corresponds to 1 minute in 2 years, or 1 penny in 10,000.00 dollars.

**ppb:** Parts per billion means 1 part per 1,000,000,000 and corresponds to 1 minute in 2,000 years or 1 penny in 10,000,000.00 dollars.

(a) Fluoride is added in treatment to bring the natural level o EPA optimum of 1 part per million.

(b) Water from the Treatment Plants does not contain lead or copper. However under EPA test protocol, water is tested at the customer tap. Tap tests show that where a customer may have lead pipes or lead soldered copper pipes, the water is not corrosive. This means the amount of lead or copper absorbed by the water is limited to safe levels.

(c): This level is based on a system-wide 4 Quarter running average of several samples, as required by EPA Testing Protocol. In order to ensure your tap water is safe to drink, EPA prescribes regulation limiting 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 the public.

### REGULATED SUBSTANCES

Parameter	MCL	MCLG	LaFayette Water System	Range of Detections	Sample Date	Violation	Typical Source of Contaminant
Barium (ppm)	2.0	2.0	0.11	.068-.011	2011	No	Erosion of natural deposits
Chlorine (ppm)	4	4	1.12	.46-1.58	2011	No	Water Additive to control microbes
Copper (ppm)	AL=1,300	1,300	210 (b)	N/A	2010	No	Corrosion of household plumbing system
Fluoride (ppm)	4	4	0.99	.75-1.20	2011	No	Water additive to promote strong teeth
Lead (ppb)	AL= 15	0	2.9 (b)	N/A	2010	No	Corrosion of household plumbing system
Total Nitrate and Nitrite (ppm)	10	10	1.6	.61-1.6	2011	No	Runoff from fertilizer use: Leaching from septic tanks, sewage: Erosion of natural deposits
Trihalomethanes (ppb)	80	NA	4.0***	2.1-14.3	2011	No	By-product of drinking water chlorination
Haloacetics (HAA5) (ppb)	60	NA	6.0***	2.0-8.0	2011	No	By-product of drinking water chlorination
IDSE Trihalomethanes (ppb)	80	NA	32.0	ND-47	2009	No	By-product of drinking water chlorination
IDSE Haloacetics (HAA5) (ppb)	60	NA	7.0	ND-17	2009	No	By-product of drinking water chlorination
Turbidity * (ntu)	TT=1.0	NA	0.34*	N/A	2011	No	Soil Runoff
	TT= Percentage of samples <.30		99.99%				
Total Coliform (Bacteria)**	2 samples	0 Samples	1 sample**	N/A	2010	No	Bacteria naturally present in the environment used as an indicator that other potentially harmful bacteria may be present

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

\*\* From 20 to 25 samples are collected and tested monthly. No more than one sample can be positive for total coliform.

\*\*\* This number represents the highest quarterly average during 2009.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as person with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

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 can be obtained by calling the EPA's Safe Drinking Water Hotline (1-800-426-4791).

**Additional Information Sources:**

<http://www.dnr.state.us/epa>

<http://www.epa.gov>

<http://www.awwa.water.org>

The City of LaFayette Council meets the second Monday of each month at 7:30 pm, at City Hall 207 South Duke Street.

## Water Conservation Tips

### Start in the bathroom

More than half of household water is typically used in the bathroom. In fact showering alone accounts for up to 20% of total indoor water use. Here are a few simple and cost effective water conservation tips and ideas for your bathrooms.

#### Showering tips

- You can save an estimated 150 gallons of water a month by simply cutting your shower (or singing session) short by just two or three minutes.
- Traditional shower heads can use between 5 and 7 gallons of water per minute. Newer water saving shower heads use just 2.5 gallons per minute and some even less and all at a cost of just a few dollars. This alone can save up to 600 gallons a week.
- To save even more water, some of the best shower heads are low flow models with shut off valves. There equally as inexpensive and allow you to pause warm water while your shampooing, conditioning or lathering.

#### Water saving tips for your toilets

Taking your toilets for granted can lead to needlessly flushing money down your toilet bowls. Here are a few more water saving tips and ideas.

- Before using your toilet as a bathroom trash can remember this, each flush can use anywhere from 1.6 to 5 gallons of water.
- Periodically check your toilets for leaks. Even the smallest leaks can have a big impact on your water bill. Fixing a toilet leak is fast and easy.
- If your toilet keeps running, replacing the fill valve may be necessary. Or a new toilet flush valve maybe needed if there is a toilet flapper leak. A new fill valve and flush valve prevents future leaks and immediately improves performance. Both are very inexpensive and easy to install.
- If your toilets were manufactured before 1995 then it may be time to consider replacing them. New low flow toilets use a maximum of 1.6 gallons per flush.
- Newer water saving toilets as well as dual flush toilets use even less than 1.6 gallons per flush. Today some of the best flushing toilets use new technologies to provide an even more complete flush while using less water.

#### Water conservation tips for the outdoors

- Don't exceed watering recommendations for plants and shrubs, if in doubt consult with your local nursery. Most homeowners are surprised to learn that more plants and shrubs die from over watering than anything else.
- Take advantage of the cool and moist air during the early morning and late afternoon when watering the lawn. Due to the natural heat of the sun during the middle of the day, much of the water intended for the lawn will evaporate before it ever penetrates the soil.
- Use a spray nozzle for your garden hose, especially one with a shut off valve. This will reduce the flow rate of water while tending to the lawn or cleaning the car.

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



## WILDLIFE RESOURCES DIVISION

Known occurrences of special concern plants, animals and natural communities  
Walker County — Fips Code: 13295

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
- *Aneides aeneus* (Green Salamander) [GA] - amphibian
- *Cambarus extraneus* (Chickamauga Crayfish) [GA] - crustacean
- *Cambarus scottii* (Chattooga River Crayfish) [GA] - crustacean
- *Cambarus unestami* (Blackbarred Crayfish) [GA] - crustacean
- *Cyprinella spiloptera* (Spotfin Shiner) - fish
- *Etheostoma jessiae* (Blueside Darter) - fish
- *Etheostoma rufilineatum* (Redline Darter) - fish
- *Etheostoma zonale* (Banded Darter) - fish
- *Falco peregrinus* (Peregrine Falcon) [GA] - bird
- *Fundulus catenatus* (Northern Studfish) [GA] - fish
- *Gomphus consanguis* (Cherokee Clubtail) [GA] - insect
- *Hamiota alilis* (Finelined Pocketbook) [US] - mollusk
- *Hemidactylium scutatum* (Four-toed Salamander) - amphibian
- *Hemimremia flamma* (Flame Chub) [GA] - fish
- *Hybopsis lineapunctata* (Lined Chub) [GA] - fish
- *Lampropeltis triangulum triangulum* (Eastern Milk Snake) - reptile
- *Lasmigona etowaensis* (Etowah heelsplitter) - mollusk
- *Lasmigona holstonia* (Tennessee Heelsplitter) - mollusk
- *Lestes conjugens* (Spotted Spreadwing) - insect
- *Lestes forcipatus* (Sweetflag Spreadwing) - insect
- *Lythrurus fasciolaris* (Scarlet Shiner) - fish
- *Lythrurus lirus* (Mountain Shiner) - fish
- *Medianidius acutissimus* (Alabama Moccasinshell) [US] - mollusk
- *Myotis grisescens* (Gray Myotis) [US] - mammal
- *Myotis leibii* (Eastern Small-footed Myotis) - mammal
- *Myotis sodalis* (Indiana Myotis) [US] - mammal
- *Nectoma floridana haematergia* (Southern Appalachian Woodrat) - mammal
- *Notropis asperifrons* (Burrhead Shiner) [GA] - fish
- *Notropis telescopus* (Telescope Shiner) - fish
- *Naturus flavipinnis* (Yellowfin Madtom) [US] - fish
- *Percina sciera* (Busky Darter) [GA] - fish
- *Picoides borealis* (Red-cockaded Woodpecker) [US] - bird
- *Plethodon petraeus* (Pigeon Mountain Salamander) [GA] - amphibian
- *Pleurobema georgianum* (Southern Bigtoe) [US] - mollusk
- *Pleurocera pyrenella* (Skirted Hornsnail) - mollusk
- *Pleurocera vestita* (Brook hornsnail) - mollusk
- *Pseudacris brachyphona* (Mountain Chorus Frog) - amphibian

- ✦ *Pseudanophthalmus fastigatus* (Tapered Cave Beetle) 🐞 - insect
- ✦ *Pseudanophthalmus georgiae* (Georgian Cave Beetle) 🐞 - insect
- ✦ *Sorex hoyi* (Pygmy Shrew) 🐭 - mammal
- ✦ *Villosa vanuxemensis* (Mountain Creekshell) 🐌 - mollusk

### Community Occurrences

- ✦ (*Salix caroliniana*, *Rhododendron arboreoscens*) - *Andropogon gerardii* - *Baptisia australis* - (*Solidago simplex* var. *randii*)  
Herbaceous Vegetation (Cumberland Riverside Scour Prairie)
- ✦ Bare rock/lichens, *cu-ry* sandstone outcrop (Sandstone Outcrop Rock/Lichens)
- ✦ *Cu-ry* cave (Cumberland Plateau/ridge and Valley Cave)
- ✦ *Cu-ry* sub mesic needleleaf ever. forest (Cedar Glade)
- ✦ Forest, *sag*pond (Sagpond Forest)
- ✦ Herbaceous veg., *cu-ry* sandstone outcrop (Sandstone Outcrop Herb Community)
- ✦ Mountain spring (Mountain Spring)
- ✦ *Quercus stellata* - *Pinus virginiana* / (*Schizachyrium scoparium*, *Piptochaetium avenaceum*) Woodland (Red Knobs Sandstone Post Oak - Virginia Pine Woodland)
- ✦ Shrub/scrub veg., *cu-ry* sandstone outcrop (Sandstone Outcrop Shrub/scrub Community)
- ✦ *Tsuga canadensis* - (*Fagus grandifolia*, *Tilia americana* var. *heterophylla*) / *Magnolia tripetala* Forest (Cumberland/Appalachian Hemlock - Hardwood Cove Forest)

### Plant Occurrences

- ✦ *Aesculus glabra* (Ohio Buckeye) 🌳
- ✦ *Agalinis decemloba* (Purple Foxglove) 🌸
- ✦ *Amorpha nitens* (Shining Indigo-bush) 🌿
- ✦ *Astranthium integrifolium* (Wild Daisy) 🌸
- ✦ *Baptisia australis* var. *aberrans* (Glade Blue Indigo) 🌸
- ✦ *Buchnera americana* (Bluehearts) 🌸
- ✦ *Calamovilfa arcuata* (Cumberland Sandreed) 🌿
- ✦ *Camassia scilloides* (Wild Hyacinth) 🌸
- ✦ *Carex albursina* (White Bear Lake Sedge) 🌿
- ✦ *Carex platyphylla* (Broadleaf Sedge) 🌿
- ✦ *Carex purpurifera* (Purple Sedge) 🌿
- ✦ *Carex stricta* (Tussock Sedge) 🌿
- ✦ *Carya laciniosa* (Shellbark Hickory) 🌳
- ✦ *Cheilanthes alabamensis* (Alabama Lipfern) 🌿
- ✦ *Cotinus obovatus* (American Smoketree) 🌳
- ✦ *Crataegus triflora* (Three-flowered Hawthorn) [GA] 🌳 🌸
- ✦ *Cypripedium acaule* (Pink Ladyslipper) [GA] 🌸 🌿
- ✦ *Cystopteris tennesseensis* (Tennessee Fragile Fern) 🌿
- ✦ *Dalea gatlingeri* (Gatlinger Prairie Clover) 🌸
- ✦ *Dasistama macrophylla* (Mullein Foxglove) 🌸
- ✦ *Delphinium trisome* (Dwarf Larkspur) 🌸
- ✦ *Desmodium ochroleucum* (Cream-flowered Tick-trefoil) [GA] 🌸 🌿
- ✦ *Dianthella americana* (American Dropseed) 🌸
- ✦ *Dryopteris eelsa* (Log Fern) 🌿
- ✦ *Eriogonum bulbosum* (Harbinger-of-spring) 🌸
- ✦ *Fothergilla major* (Mountain Witch-alder) [GA] 🌳 🌸
- ✦ *Fraxinus quadrangulata* (Blue Ash) 🌳
- ✦ *Helianthus smithii* (Smith Sunflower) 🌻
- ✦ *Hydrastis canadensis* (Goldenseal) [GA] 🌸 🌿
- ✦ *Hypericum delahayiforme* (Glade St. Johnswort) 🌸
- ✦ *Isaetes appalachiana* (Bigspore Engelmann's Quillwort) 🌿
- ✦ *Jeffersonia diphylla* (Twinleaf) [GA] 🌸 🌿
- ✦ *Juncus filipendulus* (Texas Plains Rush) 🌿
- ✦ *Juncus gymnocarpus* (Naked-fruit Rush) 🌿
- ✦ *Leavenworthia exigua* var. *exigua* (Least Gladecress) [GA] 🌸
- ✦ *Leavenworthia uniflora* (Gladecress) 🌸
- ✦ *Lilium philadelphicum* (Wood Lily) [GA] 🌸
- ✦ *Lithospermum latifolium* (Broadleaf Gromwell) 🌸
- ✦ *Lygodium palmatum* (Climbing Fern) 🌿

- *Lysimachia fraseri* (Fraser's Loosestrife) [GA] 🌱 🌿 🍂
- *Matelea obliqua* (Limerock Milkvine) 🌱 🌿
- *Mertensia virginica* (Virginia Bluebells) 🌱 🌿
- *Muhlenbergia sobolifera* (Sprouting Muhly) 🌱 🌿
- *Neviusia alabamensis* (Alabama Snow-wreath) [GA] 🌱 🌿 🍂
- *Onosmodium molle* ssp. *occidentale* (Marble-seed) 🌱 🌿 🍂
- *Ophioglossum engelmannii* (Limestone Adder-tongue Fern) 🌱 🌿
- *Panax quinquefolius* (American Ginseng) 🌱 🌿
- *Paronychia argyrocoma* (Silverling) 🌱 🌿
- *Phacelia purshii* (Miami-mist) 🌱 🌿
- *Philadelphus pubescens* (Hairy Mockorange) 🌱 🌿 🍂
- *Phlox amplifolia* (Broadleaf Phlox) 🌱 🌿
- *Polynnia lasvigata* (Tennessee Leafcup) 🌱 🌿 🍂
- *Ponthieva racemosa* (Shadow-witch Orchid) 🌱 🌿
- *Potamogeton amplifolius* (Bigleaf Pondweed) 🌱 🌿
- *Ribes curvatum* (Granite Gooseberry) 🌱 🌿
- *Sabalja capitata* (Cumberland Rose Gentian) [GA] 🌱 🌿 🍂
- *Saxifraga careyana* (Carey Saxifrage) 🌱 🌿
- *Scutellaria montana* (Large-flowered Skullcap) [US] 🌱 🌿 🍂
- *Silene rotundifolia* (Roundleaf Catchfly) 🌱 🌿
- *Spiraea virginiana* (Virginia Spirea) [US] 🌱 🌿 🍂
- *Stachys nuttallii* (Nuttall's Hedge-nettle) 🌱 🌿
- *Stylophorum diphyllum* (Celandine Poppy) 🌱 🌿
- *Symphotrichum ericoides* (Heath Aster) 🌱 🌿
- *Symphotrichum phlogifolium* (Phlox-leaved Aster) 🌱 🌿
- *Symphotrichum praealtum* (Willow-leaf Aster) 🌱 🌿
- *Symphotrichum sericeum* (Silky Aster) 🌱 🌿
- *Thermopsis mollis* (Downy Bush-pea) 🌱 🌿
- *Trichomanes boschianum* (Appalachian Filmy Fern) 🌱 🌿
- *Trichomanes petersii* (Dwarf Filmy Fern) 🌱 🌿
- *Trillium flexipes* (Bent Trillium) 🌱 🌿
- *Trillium lancifolium* (Lanceleaf Trillium) 🌱 🌿
- *Trillium sulcatum* (Barksdale Trillium) 🌱 🌿
- *Ulmus serotina* (September Elm) 🌱 🌿 🍂
- *Veratrum woodii* (Ozark Bunchflower) [GA] 🌱 🌿 🍂
- *Viburnum bracteatum* (Limerock Arrow-wood) [GA] 🌱 🌿 🍂
- *Viola egglesonii* (Clade Violet) 🌱 🌿
- *Woodsia scopulina* ssp. *appalachiana* (Appalachian Cliff Fern) 🌱 🌿

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



**Common Name:** BACHMAN'S SPARROW

**Scientific Name:** *Aimophila aestivalis*

**Other Commonly Used Names:** Pine woods sparrow, piney woods sparrow

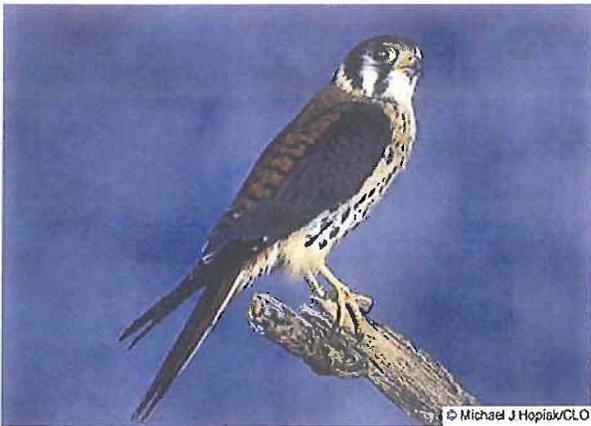
**Family:** Emberizidae

**Rarity Ranks:** G3/S2

**State Legal Status:** Rare

**Description:** The Bachman's sparrow is about 6 inches in length with a long rounded tail. Adult birds have alternating reddish-brown and gray vertical stripes running down the back from the nape of the neck to the top of the rump.

**Habitat:** Mature open pinewoods, regenerating clear-cuts (both pine and hardwoods), utility rights-of-way, and old pastures with a dense ground cover of grasses (particularly wiregrass, bluestem, or broomsedge) and forbs, or palmetto scrub.



**Common Name:** PEREGRINE FALCON

**Scientific Name:** *Falco peregrinus*

**Other Commonly Used Names:** Great-footed hawk, American peregrine, duck hawk, wandering

**Family:** Falconidae

**Rarity Ranks:** G4/S1

**State Legal Status:** Rare

**Description:** This raptor is -21 inches in length with long pointed wings and a wingspan of up to 44 inches. The tail is long and narrow with alternating light and dark lateral banding.

**Habitat:** Natural nest sites, known as eyries, are normally located on inaccessible cliff ledges where the young are safe from predators.



**Common Name:** CHEROKEE CLUBTAIL

**Scientific Name:** *Gomphus consanguis*

**Family:** Gomphidae

**Rarity Ranks:** G2G3/S1S2

**State Legal Status:** Threatened

**Description:** Adult Cherokee clubtails are typically 2 inches in total length. This species is sexually dichromatic. The adult male is a dark, slender clubtail, with a primarily graygreen thorax that is marked with split mid-dorsal, two shoulder, and two very thin black lateral stripes.

**Habitat:** Larvae are usually found in small first- and second-order streams with silty pool bottoms; occupied streams are often spring-fed. Adults utilize these same habitats during the breeding season, but are also found in nearby fields and other areas of open habitat.



**Common Name:** GRAY BAT

**Scientific Name:** *Myotis grisescens*

**Other Commonly Used Names:** gray myotis

**Family:** Vespertilionidae

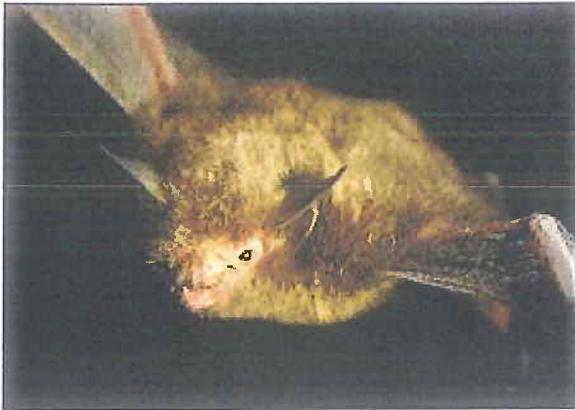
**Rarity Ranks:** G3/S1

**State Legal Status:** Endangered

**Federal Legal Status:** Endangered

**Description:** Color of the gray bat varies from dark gray immediately following molt in July or August, to russet, which is especially evident in females during the spring. Woolly-looking dorsal fur is uniformly gray from root to tip and the belly fur is grayish-white.

**Habitat:** Perhaps the most cave-dependent mammal in this country, the gray bat roosts and hibernates exclusively in suitable caves in the southeastern U.S.



**Common Name:** INDIANA BAT

**Scientific Name:** *Myotis sodalis*

**Other Commonly Used Names:** Indiana myotis, social myotis

**Family:** Vespertilionidae

**Rarity Ranks:** G2/S1

**State Legal Status:** Endangered

**Federal Legal Status:** Endangered

**Description:** The dorsal hair of the Indiana bat is dark chestnut gray to pinkish gray, darker at the base, and lacks luster. Individual hairs have three bands of color. The ears and wing membranes also have a flat coloration that does not contrast with the fur.

**Habitat:** Indiana bats gather in large groups in suitable caves to hibernate, more than 85% of the population in just nine caves in Indiana, Missouri, and Kentucky.



**Common Name:** RED-COCKADED WOODPECKER

**Scientific Name:** *Picoides borealis*

**Other Commonly Used Names:** RCW, red-cockeyed woodpecker, red-cockadaded woodpecker

**Family:** Picidae

**Rarity Ranks:** G3/S2

**State Legal Status:** Endangered

**Federal Legal Status:** Endangered

**Description:** The red-cockaded woodpecker has a black back with broken white horizontal stripes ("ladderback" pattern). The head is black except for a large white cheek patch on each side. The chest is dull white with small black spots, and the total length is about 8 inches.



**Common Name:** THREE-FLOWERED HAWTHORN

**Scientific Name:** *Crataegus triflora*

**Family:** Rosaceae (rose)

**Rarity Ranks:** G2G3/S1

**State Legal Status:** Threatened

**Description:** Shrub to 20 feet tall, usually 3 - 6 feet, with 1 – several trunks, scaly bark (on older trunks), hairy twigs, and **thorns** up to 2 inches (5 cm) long, often 3- pronged.

**Habitat:** Moist, wooded ravines and slopes over limestone or mafic rock in northwest Georgia; Black Belt prairies with basic soils in the inner Coastal Plain.



**Common Name:** PINK LADY'S-SLIPPER

**Scientific Name:** *Cypripedium acaule*

**Other Commonly Used Names:** pink moccasin flower, stemless lady-slipper, slipper orchid

**Family:** Orchidaceae (orchid)

**Rarity Ranks:** G5/S4

**State Legal Status:** Unusual

**Description:** Perennial herb with two large basal leaves and a single flower stalk topped with a showy pink flower. Leaves 3½ - 12 long and 1 - 6 inches wide, green and hairy on the upper surface, gray on the lower surface, with bluntly pointed tips and raised, parallel veins.

**Habitat:** Upland pine and mixed pine-hardwood forests with acidic soils; in the mountains, near edges of rhododendron thickets and mountain bogs.



**Common Name:** CREAM-FLOWERED TICK-TREFOIL

**Scientific Name:** *Desmodium ochroleucum*

**Family:** Fabaceae/Leguminosae (pea)

**Rarity Ranks:** G1G2/S1

**State Legal Status:** Threatened

**Description:** Perennial herb with hairy, slightly zigzag stems up to 3 feet long, trailing along the ground with only the flowering branches erect.

**Habitat:** Limestone glades with red cedar, persimmon, and redbud; sunny openings in upland mixed hardwood forests with calcium-rich soil.



**Common Name:** MOUNTAIN WITCH-ALDER

**Scientific Name:** *Fothergilla major*

**Other Commonly Used Names:** mountain witchhazel, large witchhazel

**Family:** Hamamelidaceae (witch hazel)

**Rarity Ranks:** G3/S1

**State Legal Status:** Special Concern

**Description:** **Shrub** up to 21 feet tall, typically about 6 feet, densely branched; **twigs** with naked terminal buds. **Leaves** are 1 - 5 inches long and 1 - 5 inches wide.

**Habitat:** Mixed hardwood-pine forests on dry, rocky (sandstone or granite) slopes and bluffs, often with Virginia pine, scarlet oak, and black oak; occasionally, moist forests with tulip poplar, silverbell, and cucumber tree along rocky stream banks.



**Common Name:** GOLDENSEAL

**Scientific Name:** *Hydrastis Canadensis*

**Family:** Ranunculaceae (buttercup) or Hydrastidaceae (goldenseal)

**Rarity Ranks:** G4/S2

**State Legal Status:** Endangered

**Description:** Perennial **herb**, 6 - 20 inches (15 - 50 cm) tall, forming colonies from a stout, underground stem. Aboveground **stems** erect, hairy, often golden-yellow at the base and bearing 1 - 2 leaves at the top.

**Habitat:** Moist, deciduous hardwood forests with neutral or basic soils over bedrock that is high in calcium or magnesium. Goldenseal thrives best under a somewhat patchily open canopy.



**Common Name:** TWINLEAF

**Scientific Name:** *Jeffersonia diphylla*

**Family:** Berberidaceae (barberry)

**Rarity Ranks:** G5/S1

**State Legal Status:** Rare

**Description:** Perennial **herb**, 4 - 16 inches tall, with an underground stem that sends up 4 - 8 leaves each year and no aboveground stem.

**Habitat:** Moist, deciduous hardwood forests over limestone.



**Common Name:** Least Gladecress

**Scientific Name:** *Leavenworthia exigua* var. *exigua*

**Family:** Brassicaceae

**State Legal Status:** Threatened

**Description:** Annual herb, germinating in fall, overwintering as a tiny rosette that is 1-3 cm wide, with 8-16 leaves.

**Habitat:** Restricted to open areas on limestone cedar glades (disturbed and undisturbed) where the soil is gravelly and less than 5 cm deep. A blue-green alga is a frequent associate, conspicuous when moisture levels are high.



**Common Name:** WOOD LILY

**Scientific Name:** *Lilium philadelphicum*

**Family:** Liliaceae (lily)

**Rarity Ranks:** G5/S1

**State Legal Status:** Endangered

**Description:** Perennial herb with a waxy stem up to 4 feet tall, rising from a stout underground bulb. Leaves are scattered along the stem and also whorled with 3 - 11 leaves per whorl.

**Habitat:** Wet meadows, forest openings, damp roadsides and rights-of-way; usually over sandstone.



**Common Name:** FRASER'S LOOSESTRIFE

**Scientific Name:** *Lysimachia fraseri*

**Family:** Primulaceae (primrose) or Myrsinaceae (myrsine)

**Rarity Ranks:** G3/S1

**State Legal Status:** Rare

**Description:** Perennial herb with stout, erect stems 2.5 - 5 feet (80 - 150 cm) tall, the upper stem covered with tiny, black-tipped hairs. Leaves at midstem 2 - 6 inches long and  $\frac{3}{4}$  - 2 inches wide, lance-shaped, in whorls of 3 - 6 leaves (sometimes opposite near base of stem), covered with purple or black dots, and with a very narrow, red band around the leaf edges.



**Common Name:** ALABAMA SNOW-WREATH

**Scientific Name:** *Neviusia alabamensis*

**Family:** Rosaceae (rose)

**Rarity Ranks:** G2/S1

**State Legal Status:** Threatened

**Description:** Shrub forming colonies of arching branches to 6 feet tall, with reddishbrown, zigzag twigs and shredding bark. Leaves  $\frac{3}{4}$  - 2.5 inches long and  $\frac{1}{2}$  - 1 $\frac{1}{2}$  inch wide, alternate, deciduous; upper surface with scattered stiff hairs, lower surface more densely hairy, especially along the veins; margins sharply toothed, each large tooth with a smaller tooth, each tooth tipped with a round, red gland.

**Habitat:** Moist, hardwood forests over rocky, limestone-based soils, often along streams below sandstone caprocks.



**Common Name:** CUMBERLAND ROSE GENTIAN

**Scientific Name:** *Sabatia capitata*

**Other Commonly Used Names:** Appalachian rose gentian

**Family:** Gentianaceae (gentian)

**Rarity Ranks:** G2/S2

**State Legal Status:** Rare

**Description:** Annual or short-lived perennial herb 6 - 28 inches tall. Leaves 1 – 2 inches long and  $\frac{3}{4}$  inch wide, opposite, with rounded to pointed tips and a slightly clasping base. Flowers single or in tight clusters of 2 or more flowers, with no or very short flower stalks, at the top of the stem or in the angle between stem and leaf.

**Habitat:** Openings in oak-hickory-pine forests, wet meadows over sandstone caprock or shale, roadsides and rights-of-way through these habitats.



**Common Name:** LARGE-FLOWERED SKULLCAP

**Scientific Name:** *Scutellaria Montana*

**Family:** Lamiaceae/Labiatae (mint)

**Rarity Ranks:** G3/S2S3

**State Legal Status:** Threatened

**Federal Legal Status:** Threatened

**Description:** Large-flowered skullcap is a perennial herb with erect, 4-sided stems, 1 - 2 feet tall, covered with soft, gland-tipped hairs. Its leaves are 2 - 4 inches long, opposite, with rounded or truncate bases, pointed tips, toothed margins, and leaf stalks; the leaves are hairy on both surfaces.

**Habitat:** Moist hardwood and hardwood-pine forests with few shrubs.



**Common Name:** VIRGINIA SPIRAEA

**Scientific Name:** *Spiraea virginiana*

**Other Commonly Used Names:** Appalachian spiraea

**Family:** Rosaceae (rose)

**Rarity Ranks:** G2/S1

**State Legal Status:** Threatened

**Federal Legal Status:** Threatened

**Description:** Shrub 3 - 13 feet tall with erect or arching stems forming dense thickets. Leaves 1 - 6 inches long, alternate, lance-shaped, oval, or oblong, and tapering to a short leaf stalk; tips rounded to angled, always with a tiny, sharp point; edges smooth or toothed only above the middle; lower surfaces powdery white.

**Habitat:** Rocky streams over sandstone, including bouldery stream banks, edges of waterfalls, and rock ledges. Plants require occasional scouring floods to reduce competition from other shrubs.



**Common Name:** OZARK BUNCHFLOWER

**Scientific Name:** *Veratrum woodii*

**Other Commonly Used Names:** Wood's false hellebore

**Family:** Liliaceae (lily) or Melanthiaceae (bunchflower)

**Rarity Ranks:** G5/S2

**State Legal Status:** Rare

**Description:** Perennial herb from a deeply buried bulb. Basal leaves 8 - 24 inches long and 1 - 4 inches wide, oval, with raised parallel veins giving a slightly pleated look; stem leaves are few and smaller.

**Habitat:** Lower slopes and stream terraces in moist, hardwood forests, usually over basic soils.



**Common Name:** LIMEROCK ARROW-WOOD

**Scientific Name:** *Viburnum bracteatum*

**Family:** Caprifoliaceae (honeysuckle) or Adoxaceae (moschatel)

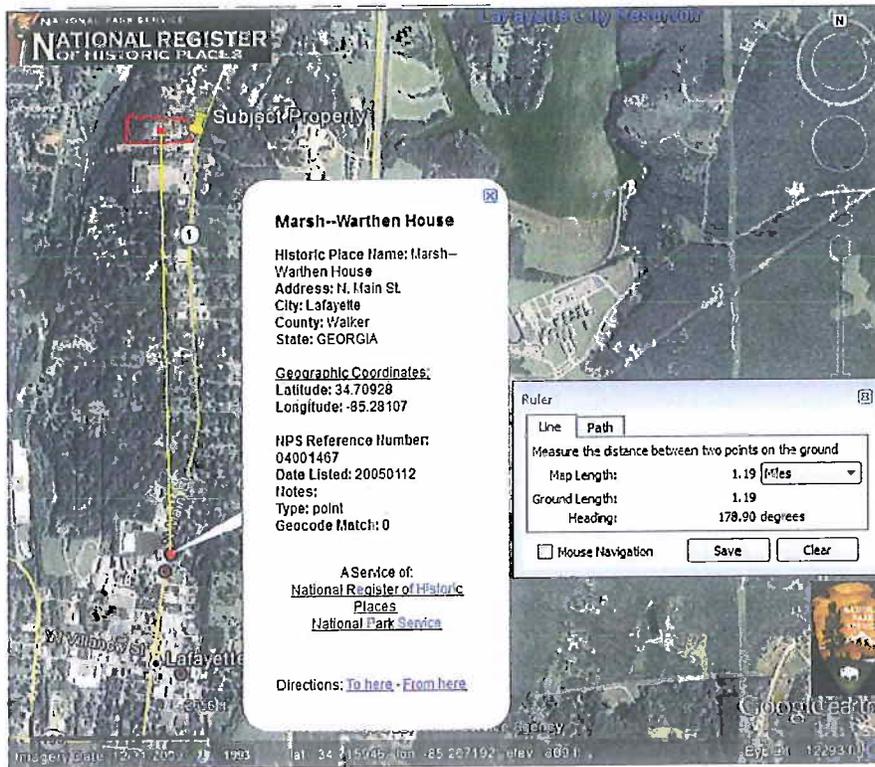
**Rarity Ranks:** G1G2/S1

**State Legal Status:** Endangered

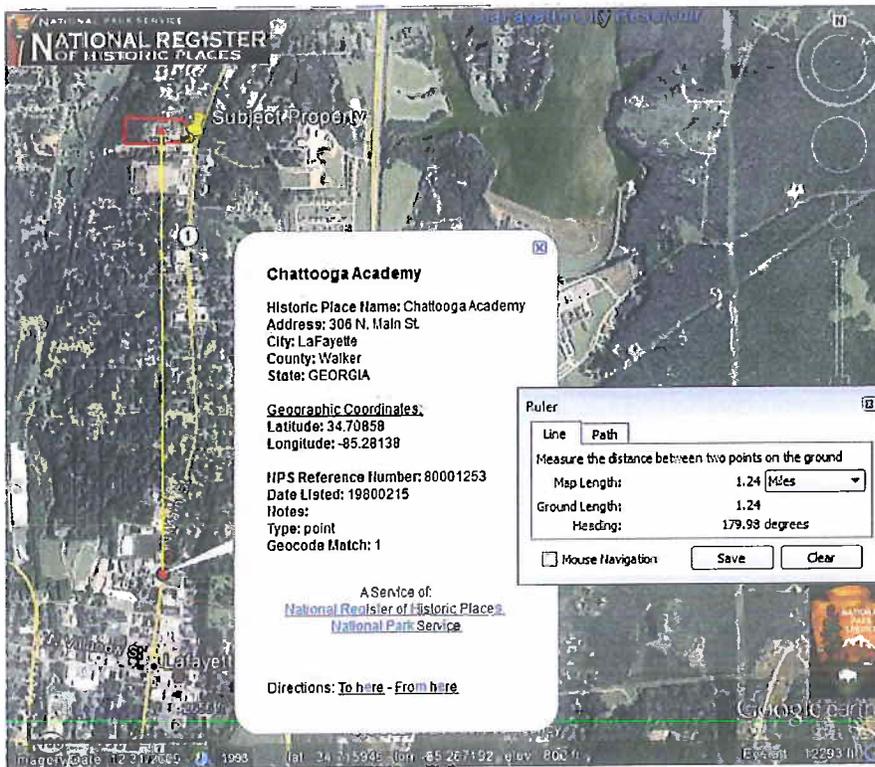
**Description:** Shrub to 10 feet tall, forming colonies by root sprouts. Twigs are hairy only in their first season. Leaves 2 - 4¾ inches long, broadly oval to nearly round, with rounded or heart-shaped bases, pointed tips, and margins with large, sharp teeth; opposite, deciduous; veins on the lower leaf surface are hairy.

**Habitat:** Limestone bluffs above the Coosa River and on rocky slopes of the Cumberland Plateau.

**APPENDIX Q:  
SHPO Review Documentation**



Marsh-Warthen House 1.19 miles from subject property



Chattooga Academy 1.24 miles from subject property

**Not Applicable – SHPO Review was not needed for this DCA Phase I  
ESA.**

**GEC**

**APPENDIX R:**  
**Additional HOME Requirements**

**Not Applicable – HOME & HUD Environmental Questionnaire was not  
needed for this DCA Phase I ESA.**

**GEC**

**APPENDIX S:**  
**Operation and Maintenance**  
**Manual**

**GEC**

**Not Applicable – Operation and Maintenance Manual was not needed  
for this DCA Phase I ESA.**

**GEC**

**APPENDIX T:  
Previous Reports**

**GEC**



Post Office Box 1273, Alpharetta, GA 30009-1273  
TEL: 770-664-0945 • FAX: 770-664-0945

10,000 sq ft  
5/12/12

PHASE I ENVIRONMENTAL SITE ASSESSMENT UPDATE

HAZARDOUS BUILDING MATERIAL TESTING

SUBJECT SITE:

PROPOSED WOODLANDS VILLAGE  
1201 WEST NORTH MAIN STREET  
LAFAYETTE, WALKER COUNTY, GEORGIA

*This is the updated Phase I - Original is in DEA Application*



Reliance To:  
The Georgia Department of  
Community Affairs

G. David Ghesquiere, President

*G. David Ghesquiere, Pres.*

Completion Date: June 29, 2001



Richard L. Curtis, PE

*Richard L. Curtis*

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PHASE I ENVIRONMENTAL SITE ASSESSMENT UPDATE  
HAZARDOUS BUILDING MATERIAL TESTING

SUBJECT SITE:

PROPOSED WOODLANDS VILLAGE  
1201 WEST NORTH MAIN STREET  
LAFAYETTE, WALKER COUNTY, GEORGIA

EXECUTIVE SUMMARY

Environmental Assessments, Inc. has updated the original Phase I Environmental Site Assessment (ESA) of the project referenced above. This report is prepared for The Georgia Department of Community Affairs to use and rely upon the contents and conclusions. The original Phase I ESA was completed on April 21, 2000 and should be submitted in its entirety by the Applicant with this Phase I ESA Update for review. There have been no obvious, significant changes to this property or the adjacent properties from an environmental liability standpoint since the completion of the original Phase I ESA.

Numerous suspect building material samples in the two buildings were taken from accessible, visible areas and properly containerized and labeled for asbestos and lead based paint testing at an EPA certified, independent laboratory. In addition, numerous small holes were accessed in the perimeter outside walls of the buildings in search of Urea-Formaldehyde insulation.

In summary, of these hazardous building material analysis and probing the exterior walls for Urea-Formaldehyde insulation, the walls do not contain any insulation and are basically hollow. There is some confirmed asbestos in the vinyl asbestos tile (V.A.T.) in the garage and the roof shingles on the house. The roof shingles on the house are actually 35% Chrysotile asbestos.

Out of numerous paint samples taken from the walls, ceilings and the wood trim, both on the interior and exterior of the two buildings, there is some indication of lead based paint, both on the interior as well as the exterior paint on the wood trim on the house. Federal Regulations quantify lead based paint being at least 0.5% by weight of the sample.

PURPOSE

The purpose of this Phase I Environmental Site Assessment Update addendum is to bring the original Phase I ESA report current to the present date by observing site conditions by a recent physical property inspection and by determining if there is current evidence of "recognized environmental conditions" present on this site, which ASTM E 1527-00 (which this Phase I ESA Update conforms

to) defines as “the presence or likely presence of any hazardous substances or petroleum products 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, groundwater or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.” The scope of services for this effort is described below.

### SUBJECT SITE

The subject site of this Phase I Environmental Update is an 8.5-acre tract of land referenced as the Proposed Woodlands Village, formerly the Burney Estate, with the house located at 1201 West North Main Street, LaFayette, Walker County, Georgia 30728. There are actually two older, single-family residential structures that occupy the subject site. One is a dilapidated out building that used to be a garage and the other is a rock-veneered structure that is the main house and remains to date. Prior to residential construction in the 1930’s, the subject site was a wooded, undeveloped tract of land.

### SCOPE OF SERVICES

Recently the site and surrounding adjacent properties were inspected to determine if any potential obvious environmental liability changes to the property had occurred since the original Phase I ESA completed on April 21, 2000 or if the subject was obviously adversely impacted by any adjacent properties to the subject. Current color photographs were taken on site for documentation (and included) during this Phase I ESA Update.

Included with this Phase I ESA Update is a current review of all Federal and State regulatory search site data listings in conformance with the February 2001 Tab D Environmental Guide found in the 2001 Georgia Qualified Allocation Plan Manual.

The exterior walls were probed for Urea-Formaldehyde insulation and a hazardous building material survey was conducted on the two buildings with active testing for asbestos and lead based paint.

The Phase I ESA Update was performed to fulfill the due diligence requirements under the Superfund Amendment and Reauthorization Act of 1986 (SARA), and in order to help assure that the proposed improvements are covered by the “innocent landowner defense” provision of SARA. Color photographs of the subject inspection are included with this Phase I ESA Update.

## FEDERAL AND STATE DATA SEARCH

There have been no new obvious environmental liability concerns to the original Federal and State data listings for this site. Refer to the current EDR – Radius Map with GeoCheck enclosed for many pertinent maps including a USGS topographical map and site-specific details and information. Sanborn Maps were not available for this site.

The updated Federal and State Data Search for this site list two Leaking Underground Storage Tank (LUST) sites at equal to or higher elevation than the subject. One of these sites is the Golden Gallon #106 located at 1131 North Main Street and the other is the Georgia State Patrol, Post No. 41, with an address of 1212 North Main Street. In all reality, these two LUST sites are actually lower than the subject property at 1201 West North Main Street. The subject site is actually up on a hill that slopes in a southeasterly direction towards the Golden Gallon that is actually at a lower elevation than the subject. The Georgia State Patrol Post is actually farther to the north along North Main Street and also at a lower elevation than the subject. Refer to the Overview Map, the Detail Map and the Topographical Map enclosed with the EDR - Radius Map with GeoCheck in the Appendices for details of groundwater flow and these and other listed sites.

The possibility of any of these listed LUST sites impacting the subject would be highly remote due to the elevation difference and the distance from the subject to these LUST sites.

## HAZARDOUS BUILDING MATERIAL TESTING

There are basically three types of hazardous building materials that were used primarily in older buildings. These hazardous building materials included asbestos, lead based paint and Urea-Formaldehyde insulation.

Numerous suspect building material samples in the two buildings were taken from accessible, visible areas and properly containerized and labeled for asbestos and lead based paint testing at an EPA certified, independent laboratory. In addition, numerous small holes were accessed in the perimeter outside walls of the buildings in search of Urea-Formaldehyde insulation.

In summary, of these hazardous building material analysis and probing the exterior walls for Urea-Formaldehyde insulation, the walls do not contain any insulation and are basically hollow. There is some confirmed asbestos in the vinyl asbestos tile (V.A.T.) in the garage and the roof shingles on the house. The roof shingles on the house are actually 35% Chrysotile asbestos.

The asbestos analysis was conducted using the National Institute of Standards and Technology for Polarized Light Microscopy (PLM) under the EPA Interim Asbestos Bulk Sample Quality Assurance Program. All percentages are given by visual estimated volume.

Out of numerous paint samples taken from the walls, ceilings and the wood trim, both on the interior and exterior of the two buildings, there is some indication of lead based paint, both on the interior as well as the exterior paint on the wood trim on the house. Federal Regulations quantify lead based paint being at least 0.5% by weight of the sample.

For a building material to be considered asbestos, Federal Regulations require 1% or above in order to fall under the laws and regulations governing asbestos. The 1% or above to be considered asbestos is a percentage given by visually estimated volume.

## FINDINGS AND CONCLUSIONS

The subject site of this Phase I Environmental Update is an 8.5-acre tract of land referenced as the Proposed Woodlands Village, formerly the Burney Estate, with the house located at 1201 West North Main Street, LaFayette, Walker County, Georgia 30728. There are actually two older, single-family residential structures that occupy the subject site. One is a dilapidated out building that used to be a garage and the other is a rock-veneered structure that is the main house and remains to date. Prior to residential construction in the 1930's, the subject site was a wooded, undeveloped tract of land.

In summary, of these hazardous building material analysis and probing the exterior walls for Urea-Formaldehyde insulation, the walls do not contain any insulation and are basically hollow. There is some confirmed asbestos in the vinyl asbestos tile (V.A.T.) in the garage and the roof shingles on the house. The roof shingles on the house are actually 35% Chrysotile asbestos.

Out of numerous paint samples taken from the walls, ceilings and the wood trim, both on the interior and exterior of the two buildings, there is some indication of lead based paint, both on the interior as well as the exterior paint on the wood trim on the house. Federal Regulations quantify lead based paint being at least 0.5% by weight of the sample.

We have performed a Phase I Environmental Site Assessment Update in conformance with the scope and limitations as set forth on the subject site. This assessment has not revealed obvious evidence of "recognized environmental conditions" in conjunction with the property, either currently or in the past. This site is not within the 100-year flood zone nor does it have wetlands due to the sloping terrain. Refer to the EDR – Radius Map with GeoCheck in the Appendices for the pertinent maps.

Based on collective evaluation of the facts as disclosed, our investigation did not uncover an obvious potential for an environmental liability in association with the possible use and disposal of hazardous or petroleum substances. This was learned from historical research and Federal and State Regulatory listings and interviews with people familiar with the subject and visual site inspection. Reasonable due diligence steps have been undertaken in this investigation as set forth in this report to reach these conclusions – that there are no known obvious restrictions for the use of this property from an

environmental liability. Refer to photographs enclosed in the appendix of this report for views of this subject and surrounding parcels in their current state.

## QUALIFICATIONS OF RESPONSIBLE ENVIRONMENTAL PROFESSIONALS

### G. DAVID GHESQUIERE

EDUCATION: Bachelor of Science, Building Construction  
University of Florida, College of Architecture, 1971

#### PROFESSIONAL ACHIEVEMENTS:

- President, Environmental Assessments, Inc.
- National Lender Approval conducting Environmental Services
- Registered Building Inspector, Southern Building Code Congress International (SBCCI), Registration No: 2284
- Georgia Real Estate Broker's License No. 56781
- Approved Inspector for Georgia Department of Community Affairs (DCA) and Department of Housing & Urban Development (HUD)
- President, Preferred Drilling Services, Inc.

#### ASSOCIATIONS:

- National Environmental Health Association (NEHA)
- Greater North Fulton Chamber of Commerce (GNFCC)
- Professional Member, Southern Building Code Congress International (SBCCI)

#### EXPERIENCE:

1989 to Present: Founder and President, Environmental Assessments, Inc. (EAI). EAI is actively engaged in the environmental, geotechnical and construction consulting services to aid borrowers and lenders in determining the current and past condition of properties and identifying environmental liabilities associated with these properties. In addition, EAI provides many specialized services to the real estate, banking, life insurance and development industries, some of which include in-depth physical property inspections, structural certifications, compliance audits, hazardous waste, EPD UST Tank closures, Phase I & II Environmental Site Assessments, Phase III Soil and Groundwater Remediation, Geotechnical Subsurface Soil Investigations, asbestos, lead and radon testing and abatement, installation of groundwater monitoring wells, and Corrective Action Plans CAP Part A and B.

1983 to 1989: Pounds Williams Construction Management. Vice President of national engineering construction management and environmental firm. Assumed all responsibility for architectural, environmental, construction consulting and building inspections. Initiated and performed all environmental and geotechnical services. Developed and maintained local and national client base. Provided in-depth comprehensive inspections, funding control and reports with expert photography.

1980 to 1982: Concept Capital Investment Corporation. Project Manager, commercial and multi-family project bid negotiations, buy-out, construction management and geotechnical.

1976 to 1979: M. W. Buttrill, General Contractors. Project Manager, commercial construction projects, including the Atlanta Falcons Training Center.

1974 to 1976: ENCOLD, Inc. President of Construction, overseeing all aspects of development including multi-family and commercial construction projects.

1971 to 1974: Venture Construction Company. Field Engineer, Superintendent, Estimator and Project Manager. Managed all commercial construction projects.

References available upon request.

**RICHARD L. CURTIS, P.E.**

**EDUCATION:** Bachelor of Civil Engineering  
Georgia Institute of Technology, 1983  
  
Master of Science in Civil Engineering (Geotechnical)  
Georgia Institute of Technology, 1989

**REGISTRATION:**

Professional Engineer: Georgia, South Carolina, Alabama, Kentucky, Mississippi, North Carolina, Ohio, and Tennessee.

**ASSOCIATIONS:**

- American Society of Civil Engineers
- Georgia Section, ASCE Geotechnical Committee:  
Co-Chairman: 1995 – 1996  
Chairman: 1993 – 1995

Program Chairman: 1991 – 1993

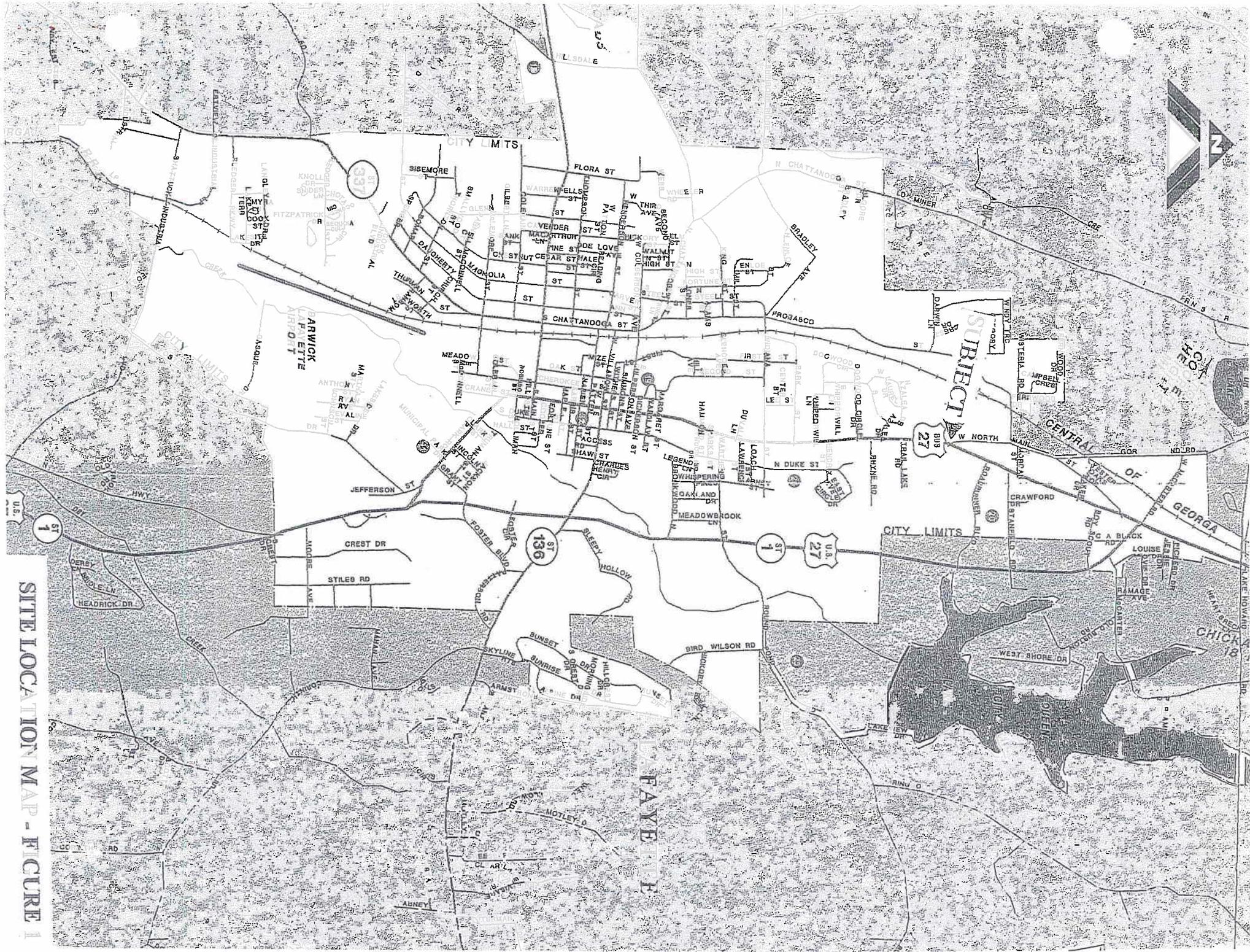
Secretary: 1989 - 1991

- International Society for Soil Mechanics and Foundation Engineering

#### EXPERIENCE:

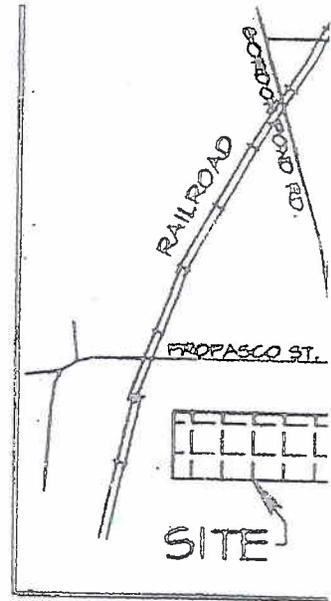
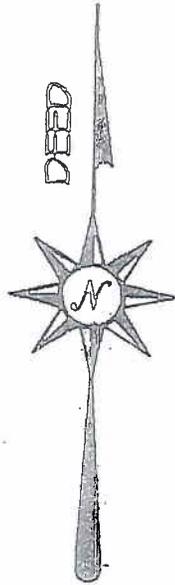
Richard Curtis has over 15 years of experience in the fields of geotechnical engineering, construction materials testing and engineering, and environmental consulting. His fields of expertise include subsurface explorations and geotechnical engineering evaluations, settlement analysis, slope stability analysis, foundation design and construction, hydrogeologic studies, and environmental site assessments. Mr. Curtis has performed geotechnical and environmental studies for a wide variety of project types within the Piedmont, Coastal Plain, and Ridge and Valley Physiographic Provinces of the southeastern United States.

A technical paper he co-authored, *Geogrid Reinforced Soil Retaining Wall on Compressed Soil*, was selected for presentation at the Second International Conference on Case Histories in Geotechnical Engineering, St. Louis, 1988. Also in 1988, he was the responsible engineer on a project selected by the Consulting Engineers Council of Georgia for an Engineering Excellence Award.

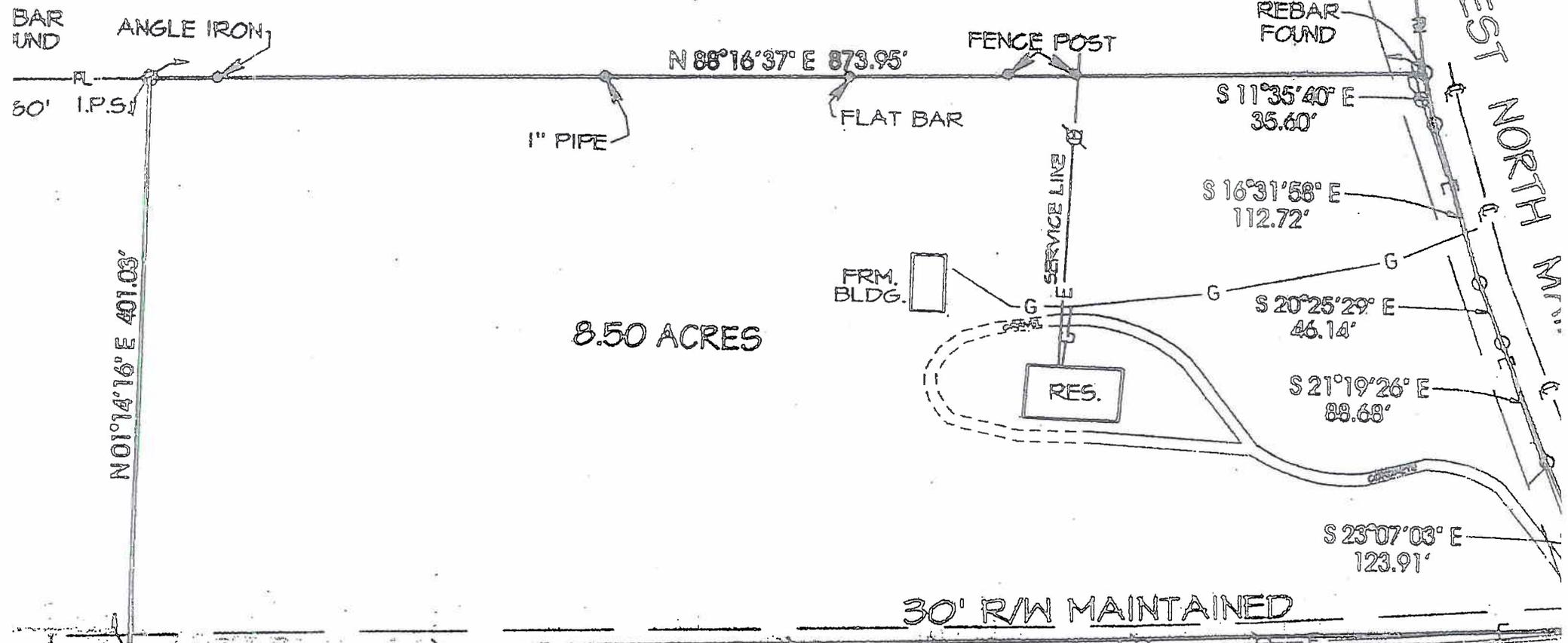


SITE LOCATION MAP - FIGURE 1

SURVEY - FIGURE 2



E. R. RICHARDSON  
360/613.



**PROPOSED WOODLANDS VILLAGE  
1201 WEST NORTH MAIN STREET  
LAFAYETTE, WALKER COUNTY, GEORGIA  
JUNE 1, 2001**



**VIEW OF FRONT OF HOUSE (TOP)  
VIEW OF REAR OF HOUSE (BOTTOM)**

**PROPOSED WOODLANDS VILLAGE  
1201 WEST NORTH MAIN STREET  
LAFAYETTE, WALKER COUNTY, GEORGIA  
JUNE 1, 2001**



**DELAPIDATED GARAGE (TOP)  
GRASSED, LANDSCAPED YARD (BOTTOM)**

**PROPOSED WOODLANDS VILLAGE  
1201 WEST NORTH MAIN STREET  
LAFAYETTE, WALKER COUNTY, GEORGIA  
JUNE 1, 2001**



**PROPERTY IS HEAVILY WOODED BEHIND STRUCTUARES (TOP)  
DEBRIS DUMPED IN WOODS (BOTTOM)**

# THE PACES FOUNDATION, INC.

A Community Housing Development Organization



P.O. Box 550492  
Atlanta, GA 30355

Bus (404) 816-7624  
Fax (404) 846-0081

March 28, 2001

Shelley Steel  
Environmental Assessments, Inc.  
Post Office Box 1273  
Alpharetta, GA 30009-1273

Dear Shelley,

This letter of recommendation is written to your company so that you may use it with any client or agency as a referral.

Environmental Assessments, Inc. has been providing The Paces Foundation, Inc. with environmental reports and consultation for many years. We have always found them to be capable and professional, as well as diligent in their efforts.

Environmental Assessments has produced many of those assessments used in our applications to the Federal Home Loan Bank, Regions Bank, as well as the Georgia Department of Community Affairs. Environmental Assessments, Inc. has completed many assignments to meet the DCA requirements, most recently in Mountain City, GA and Gainesville, GA.

Sincerely,

Mark M. du Mas  
President

tm/MD

**BARKER HOUSING DEVELOPMENT, INC.**

Suite C-201

1246 Concord Road  
Smyrna, GA 30080

Telephone: 770-333-9338

Facsimile: 770-333-9395

April 24, 2000

To Whom It May concern:

We have used the services of Environmental Assessments, Inc. to conduct Phase I environmental assessments for four different sites for applications submitted to the Georgia Department of Community Affairs. In all cases David Ghesquiere completed the studies in a timely, cost effective, and professional manner. He also communicated well and kept us updated as he carried out his work.

I would be glad to retain the services of his firm again and recommend him to others that may need Phase I assessments.

Sincerely,

A handwritten signature in cursive script that reads "Horace Barker". The signature is written in dark ink and is positioned above the printed name and title.

Horace Barker  
President



THE INTEGRAL GROUP, L.L.C.

April 20, 1999

To whom it may concern:

It is with pleasure that I provide this letter of recommendation for the firm of Environmental Assessments, Inc.. Mr. David Ghesquiere and his firm have been performing various environmental and geotechnical assignments for us over the past 10 years. Over these years the firm has been involved in projects that have required creative and effective solutions, as well as meet fluid and often stringent governmental regulations.

In all of these assignments the firm has provided timely and cost-effective services and have provided the necessary technical support to satisfy our lenders, investors and legal teams.

Sincerely,

Denis G. Pellerin  
Principal

# ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY)  
03/27/01

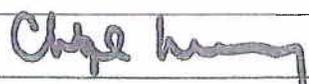
<b>PRODUCER</b> Paragon Insurance Service Inc. 2945 Horizon Park Drive Suite C Marietta, GA 30024	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.
	INSURERS AFFORDING COVERAGE
<b>INSURED</b> Environmental Assessments, Inc. P.O. Box 1273 Alpharetta, GA 30009-1273	INSURER A: United National Insurance Company
	INSURER B:
	INSURER C:
	INSURER D:
	INSURER E:

## COVERAGES

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. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CONTRACTORS <input type="checkbox"/> POLLUTION GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	NPM0000002	11/09/00	11/09/01	EACH OCCURRENCE	\$1,000,000
	FIRE DAMAGE (Any one fire)				\$ 50,000	
	MED EXP (Any one person)				\$ 5,000	
	PERSONAL & ADV INJURY				\$1,000,000	
	GENERAL AGGREGATE				\$1,000,000	
	PRODUCTS - COMP/OP AGG				\$1,000,000	
	POLL EA OC				1,000,000	
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$	
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EA ACC \$ AGG \$	
	EXCESS LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$ \$	
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				WC STATUTORY LIMITS OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$	
A	OTHER INCLUDES CLAIMS-MADE PROF. LIAB.	NPM0000002 RETRO DATE 11/9/94	11/09/00	11/09/01	AGG INCLUDED ABOVE \$1,000,000 EACH OCC.	

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

<b>CERTIFICATE HOLDER</b>	<b>ADDITIONAL INSURED; INSURER LETTER:</b>	<b>CANCELLATION</b>
GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS 60 EXECUTIVE PARK SOUTH NE ATLANTA, GA 30329-2231		SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL <u>30</u> DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE 

SEA

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SAILORS ENGINEERING ASSOCIATES, INC.

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1675 SPECTRUM DRIVE • LAWRENCEVILLE, GEORGIA 30043 • TEL (770) 962-5922 • FAX 962-7964

**GEOTECHNICAL INVESTIGATION  
WOODLAND VILLAGE APARTMENTS  
WEST NORTH MAIN STREET  
LAFAYETTE, GEORGIA**

SEA Job #011-027



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SAILORS ENGINEERING ASSOCIATES, INC.

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1675 SPECTRUM DRIVE • LAWRENCEVILLE, GEORGIA 30043 • TEL (770) 962-5922 • FAX 962-7964

February 5, 2001

Shelly Patton  
Progressive Redevelopment, Inc.  
87 Walton Street  
10<sup>th</sup> Floor  
Atlanta, Georgia 30303

RE: Geotechnical Investigation  
Woodland Village Apartments  
West North Main Street  
Lafayette, Georgia  
SEA Job #011-027

Ms. Patton:

In accordance with your written authorization, Sailors Engineering Associates, Inc. has completed the geotechnical investigation for the subject project and is pleased to submit this report with our conclusions and recommendations.

**GENERAL**

The site under investigation is located along and to the west of West North Main Street just north of its intersection with North Main Street in Lafayette, Georgia. The property is bordered on the north by residential property, on the west by undeveloped property and on the south by an unidentified asphalt drive. An existing residential structure with an out building and a driveway were observed in the central portion of the site. Multiple utilities were observed along West North Main Street and the unidentified asphalt drive with some service lines extending to existing structures within the site.

Site topography consists of gentle to moderate slopes descending from a knoll in the central portion of the site towards the south, east and the west. A ridge extends from the knoll in the central portion of the site to the north onto the adjacent property. Topographic relief across the property is approximately 50.0 feet, from an elevation of 900.0 feet behind the existing residential structure, to an elevation of 850.0 feet along the western property boundary. Site drainage is primarily towards the eastern and western property boundaries. Site vegetation consists of medium to large coniferous and deciduous trees with a light underbrush across most of the site with landscaped shrubs and grasses around the existing structures on site.

Three additional buildings with accompanying parking and driveways are proposed for the site. The existing residential structure will remain on the site and be converted into a leasing office and clubhouse. According to a preliminary grading plan, final grades for the proposed structures will remain at or near the existing grades. The parking and driveway areas will require cuts and fills of approximately six feet to reach final grades.

The purpose of our investigation was to determine the presence of unsuitable soil conditions, near surface ground water or rock that would adversely affect construction costs, and to provide recommendations for site preparation and foundation design.

## **AREA GEOLOGY**

Lafayette, Georgia is located in the Chickamauga Valley District of the Ridge and Valley Physiographic Province. The Chickamauga Valley District is characterized by a series of gently rolling, discontinuous, northeast-trending valleys interrupted by low, linear, parallel ridges. The valley floors are predominantly limestone and dolomite. The caps are the more resistant cherty units of the Knox Group. The ridge tops are approximately 1000 feet in elevation and stand 200-300 feet above the intervening valleys.

## **FIELD INVESTIGATION**

The field investigation consisted of seven soil test borings performed at the locations shown on the attached Boring Plan. The test borings were extended through soils by mechanical drilling procedures, using continuous spiral hollow auger flights with a steel fingered Hawthorne bit as the cutting device. The consistencies of the underlying soils were determined by Standard Penetration Testing in accordance with ASTM Specification D1586. Samples were obtained with a standard 1.4 inch I.D., 2.0 inch O.D., split tube sampler as illustrated in the Appendix. The sampler was first seated 6.0 inches to penetrate any loose cuttings; then it was driven an additional foot with blows of a 140 pound hammer falling 30.0 inches. The number of hammer blows required to drive the sampler each 6.0 inch increment is recorded in the Boring Logs. The number of blows required to drive the sampler the final foot is the standard penetration resistance, an indicator of soil strength.

Water level observations were made during the drilling operations. The elevation of the water table fluctuates during the year and is directly related to the amount of rainfall in the months prior to observation.

The elevations shown on the Logs of Boring were interpolated from a two foot contour interval topographic map and are presumed accurate within +/- 1.0 feet. This map was prepared by Altamira Design & Common Sense, Inc., and was dated January 5, 2001.

## SUBSURFACE CONDITIONS

The subsurface conditions encountered on site, as determined by our drilling program, were as follows:

Topsoil: A layer of topsoil ranging from 1.0 to 2.0 inches in thickness and consisting of dark brown silt with a little sand and organics was encountered at all of the test boring locations.

Residual materials: Beneath the topsoil and extending to penetration depth of all borings were reddish brown, light brown and brown silts with varying amounts of sand. These were residual materials weathered in place from the parent rock. Standard penetration and drilling resistances in these materials were generally indicative of medium to stiff consistency. Some soft surface soils were encountered to depths of 12 inches and 24 inches, respectively, at boring locations B-6 and B-7.

Neither ground water nor auger refusal was encountered in any of the test borings performed on site. Hard drilling materials were encountered as noted in the individual Logs of Boring and in the Conclusions and Recommendations section of this report.

## CONCLUSIONS AND RECOMMENDATIONS

1. After demolition of the existing out-building behind the existing residential structure to remain, all areas to receive pavement, structures or fill material should be stripped of organic material and topsoil prior to the commencement of construction. The topsoil should be stockpiled on-site for future use in landscaped areas (if approved by the owner), disposed of in a designated area on-site, or wasted off-site. Topsoil should not be used as structural fill. All debris should be disposed of off-site.
2. All areas to remain at grade or to receive fill should be proof-rolled with a loaded tandem-axle dump truck in the presence of a representative of the Geotechnical Engineer. Cut areas should be proof-rolled once rough subgrade has been reached. Any soft soils encountered during proof-rolling should be stabilized by compaction or undercut and replaced with suitable compacted materials.

Soft surface soils were encountered at borings B-6 and B-7 to depths of 1.0 and 2.0 feet, respectively, and may be located in other portions of the site. It is likely that some of these soft soils will be removed during site stripping and grading operations, however, any remaining soft soils should be stabilized by compaction or undercut and replaced with suitable compacted fill.

3. All fill material to be utilized on the project should be free of organic or otherwise deleterious materials and compacted to minimum dry densities corresponding to 95% of maximum dry density, and at moisture contents within +/- 3% of optimum moisture content, as obtained by Standard Proctor, ASTM D698. The top 2.0 feet of all areas to receive pavement or structures should be compacted to 98% of its standard proctor value.

Fill should be placed in lifts not to exceed 6.0 inches in compacted fill thickness in mass fill areas, and as needed to obtain the required compaction in ditch lines and foundation wall backfill.

All soils encountered on site, with the exception of the topsoil, will be suitable for use as structural fill if they are at +/- 3% of their optimum moisture content and free of organic or otherwise deleterious materials.

4. Although none were observed on site at the time of our investigation, it is possible that septic tanks may be located near the existing structures. Any septic tanks and their associated drain fields should be removed and replaced with suitable compacted fill. Before backfilling, a representative of the Geotechnical Engineer should confirm that the base and all sides of the excavations are free of loose or soft materials and are ready to receive fill. The excavation should be backfilled to grade with suitable soils compacted as recommended below. If any other existing utilities or service lines underlie the proposed structures, the Geotechnical Engineer should be contacted concerning the need to remove them or to properly abandon them in place.
5. All fill operations should be monitored by a representative of the Geotechnical Engineer. He should perform sufficient density tests to verify that specified compaction is obtained.
6. Once the above site preparation items have been accomplished, the site will be suitable to receive the proposed building founded on spread footings, and strip footings designed for a maximum net allowable soil bearing pressure of 3000 pounds per square foot.

Footings widths should be in accordance with the structural engineer's design but should be no less than 18.0 inches for continuous footings and 24.0 inches for individual footings.

The prevailing building code for the subject site is the 1994 edition of the Standard Building Code. This code requires a minimum embedment depth of 12.0 inches for perimeter foundations. The frost penetration depth for this area is less than 6.0 inches.

7. The base of all footings should be inspected by a representative of the Geotechnical Engineer immediately prior to the placement of reinforcing steel or concrete. He should verify that soil capable of supporting the design bearing pressure has been obtained in each case.

8. All areas to receive pavement should be proof-rolled in the presence of a representative of the Geotechnical Engineer immediately prior to the placement of base course. Soft areas encountered during proof-rolling should be stabilized by compaction or undercut and replaced with suitable compacted fill.
9. The ground water table was not encountered at any of the test boring locations. Ground water should not be of consequence during site grading.
10. Hard drilling materials were encountered at boring location B-7 at a depth of 14.0 feet below the existing ground surface. These materials are well below the anticipated final grades and should not be of consequence during site grading and excavation.

If we can be of further service to you on this project, please contact us at your convenience.

Respectfully submitted,

SAILORS ENGINEERING ASSOCIATES, INC.



Handwritten signature of Leland H. Schuman in black ink.

Leland H. Schuman, P.E.  
Project Engineer

Handwritten signature of Jim D. Sailors in black ink.

Jim D. Sailors, P.E.  
Principal Engineer

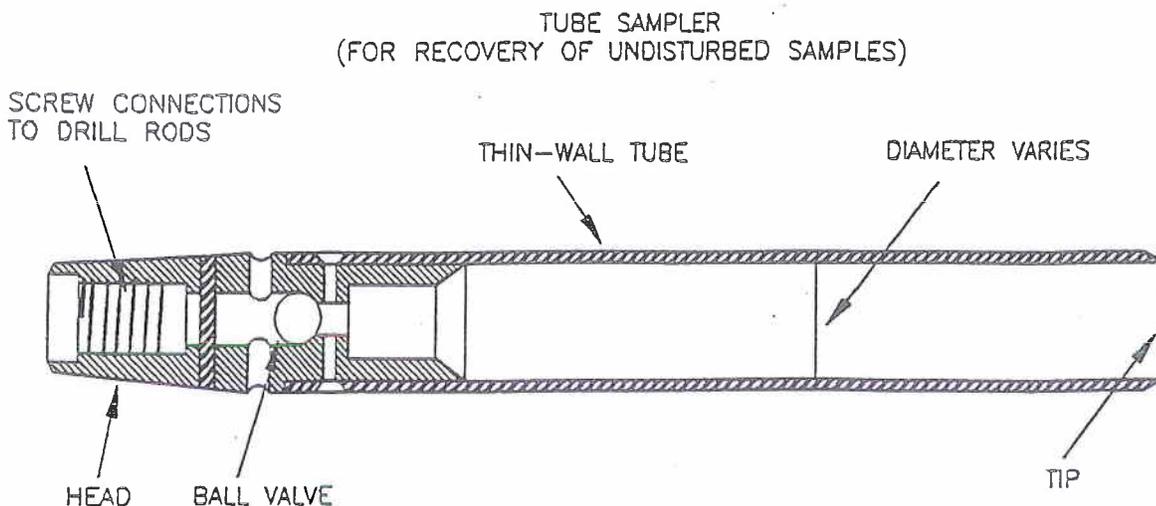
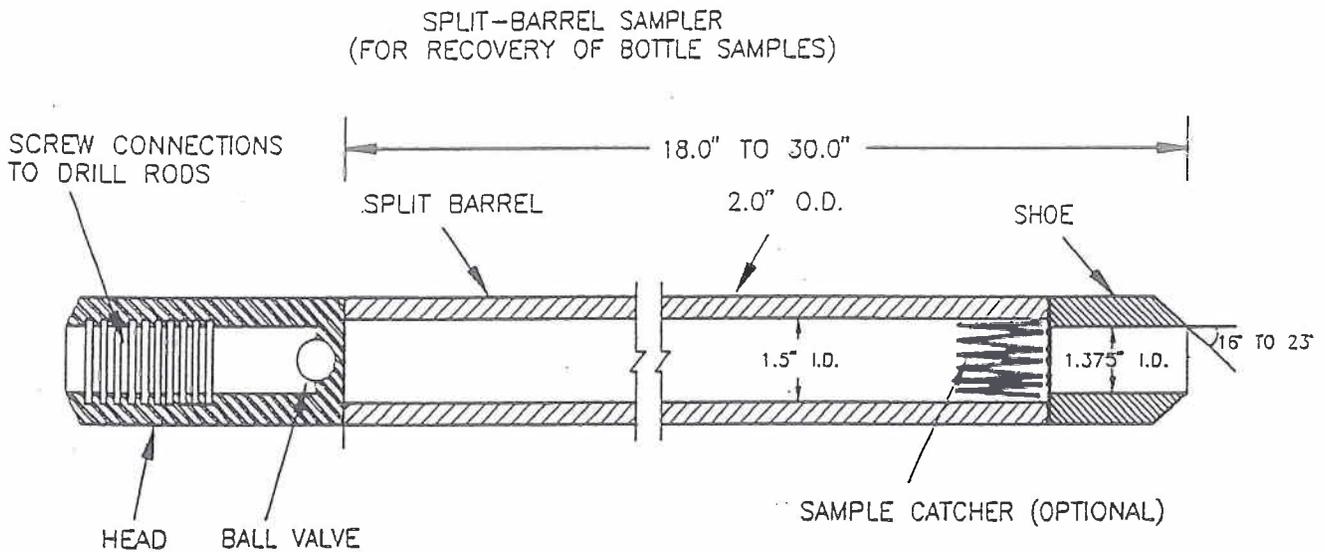
# APPENDIX

## SAMPLING PROCEDURES

Soil Sampling & Penetration Testing is performed in accordance with ASTM D1586-84.

The Standard Penetration Resistance is the number of blows of a 140 pound hammer falling 30 inches to drive a 2.0 inch O.D., 1.375 inch I.D. split barrel sampler one foot.

The Undisturbed Sampling Procedure is performed in accordance with ASTM Specification D1587-83.



# SOIL CONSISTENCY DESIGNATIONS

(Based on results of Standard Penetration Tests performed according to ASTM Specification D-1586-84)

NUMBER OF BLOWS ("N"): Shall be defined as the number of blows of a 140 pound hammer falling free a distance of 30 inches required to drive a standard split spoon sampler (2" O.D. and 1.4" I.D.) one foot.

When the sample is primarily cohesionless, use the following consistency table:

<u>NUMBER OF BLOWS (N)</u>	<u>CONSISTENCY DESIGNATION</u>
0 - 4	Very Loose
5 - 10	Loose
11 - 30	Medium
31 - 50	Dense
51 or more	Very Dense

When the sample is primarily cohesive, use the following consistency table:

<u>NUMBER OF BLOWS</u>	<u>CONSISTENCY DESIGNATION</u>
0 - 2	Very Soft
3 - 4	Soft
5 - 8	Medium
9 - 15	Stiff
16 - 30	Very Stiff
31 or more	Hard



# LOG OF BORING

SHEET 1 OF 1  
BORING NO.

CONTRACTED WITH: PROGRESSIVE REDEVELOPMENT, INC.

B-2

PROJECT NAME: Woodland Village Apartments

JOB NO.  
011-027

DATE:  
01/30/01

LOCATION: Lafayette, Georgia

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES			NOTES	
			No.	TYPE	BLOWS/6"		
895.0	Topsoil - 1.5" dark brown silt with a little sand and organics						
880.0	Brown silt with a trace of sand (residual)	1	1	SS	4-4-6	Drilling medium	
		2					
		3	2	SS	6-7-9		
		4					
		5					
		Brown silt with a little sand (residual)	6	3	SS	10-11-20	Drilling firm
	7						
	8						
	9		4	SS	11-11-12		
	10						
		Boring terminated at 15.0 feet	11				
	12						
	13						
	14		5	SS	15-13-16		
	15						
		16					
		17					
		18					
		19					
		20					
		21					
		22					
		23					
		24					
		25					
		26					
		27					
		28					
		29					
		30					
		31					
		32					
		33					
		34					
		35					
		36					
		37					
		38					
		39					
		40					

Note: hole plugged at 5.0 ft at 0 hrs - no water encountered above that depth

SEA

# LOG OF BORING

SHEET 1 OF 1  
BORING NO.  
B-3

CONTRACTED WITH: PROGRESSIVE REDEVELOPMENT, INC.

JOB NO. DATE:  
011-027 01/30/01

PROJECT NAME: Woodland Village Apartments

LOCATION: Lafayette, Georgia

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES			NOTES
			No.	TYPE	BLOWS/6"	
893.0	Topsoil - 2.0" dark brown silt with a little sand and organics .					
	Brown silt with a trace of sand (residual)	1	1	SS	5-6-5	Drilling medium
		2				
		3	2	SS	8-9-11	Drilling firm
		4				
		5				
		6	3	SS	14-19-21	
		7				
		8				
		9	4	SS	5-10-13	
		10				
		11				
		12				
		13				
		14	5	SS	13-26-32'	
878.0		Boring terminated at 15.0 feet	15			
		16				
		17				
		18				
		19				
		20				
		21				
		22				
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		35				
		36				
		37				
		38				
		39				
		40				

Note: hole plugged at 4.9 ft at 0 hrs - no water encountered above that depth

SEA

# LOG OF BORING

SHEET 1 OF 1  
BORING NO.  
B-4

CONTRACTED WITH: **PROGRESSIVE REDEVELOPMENT, INC.**

JOB NO.      DATE:  
011-027      01/30/01

PROJECT NAME: **Woodland Village Apartments**

LOCATION: **Lafayette, Georgia**

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES			NOTES
			No.	TYPE	BLOWS/6"	
900.0	Topsoil - 1.5" dark brown silt with a little sand and organics					
885.0	Reddish brown silt with a trace of sand (residual)	1	1	SS	2-3-5	Drilling medium
		2				
		3	2	SS	10-11-12	Drilling firm
	4					
	Brown silt with a little sand (residual)	5				
		6	3	SS	10-11-13	
		7				
		8				
		9	4	SS	9-12-16	
			10			
			11			
			12			
			13			
			14	5	SS	14-19-24
		Boring terminated at 15.0 feet	15			
16						
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**SEA**

# LOG OF BORING

SHEET 1 OF 1  
BORING NO.  
B-5

CONTRACTED WITH: PROGRESSIVE REDEVELOPMENT, INC.

JOB NO.      DATE:  
011-027      01/30/01

PROJECT NAME: Woodland Village Apartments

LOCATION: Lafayette, Georgia

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES			NOTES
			No.	TYPE	BLOWS/6"	
893.0	Topsoil - 1.0" dark brown silt with a little sand and organics					
878.0	Reddish brown silt with a trace of sand (residual)	1	1	SS	3-4-5	Drilling medium
		2				
		3	2	SS	8-9-14	Drilling firm
	4					
	Light brown silt with a trace of sand (residual)	5				
		6	3	SS	16-21-29	
		7				
		8				
		9	4	SS	6-14-27	
			10			
			11			
			12			
			13			
			14	5	SS	27-36-41
		Boring terminated at 15.0 feet	15			
16						
17						
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39						
40						

# LOG OF BORING

SHEET 1 OF 1  
BORING NO.  
B-6

CONTRACTED WITH: **PROGRESSIVE REDEVELOPMENT, INC.**

JOB NO.      DATE:  
011-027      01/30/01

PROJECT NAME: **Woodland Village Apartments**

LOCATION: **Lafayette, Georgia**

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES			NOTES
			No.	TYPE	BLOWS/6"	
891.0	Topsoil - 1.0" dark brown silt with a little sand and organics					
876.0	Reddish brown silt with a trace of sand (residual)	1	1	SS	2-2-4	Drilling soft Drilling medium Drilling firm
		2				
		3	2	SS	4-7-10	
		4				
		5				
		Light brown silt with a little sand (residual)	6	3	SS	8-13-14
	7					
	8					
	9		4	SS	14-16-18	
	10					
		Boring terminated at 15.0 feet	11			
	12					
	13					
	14		5	SS	17-21-42	
	15					
		16				
		17				
		18				
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		35				
		36				
		37				
		38				
		39				
		40				

Note: hole plugged at 7.1 ft at 0 hrs - no water encountered above that depth

# LOG OF BORING

SHEET 1 OF 1  
BORING NO.  
B-7

CONTRACTED WITH: PROGRESSIVE REDEVELOPMENT, INC.

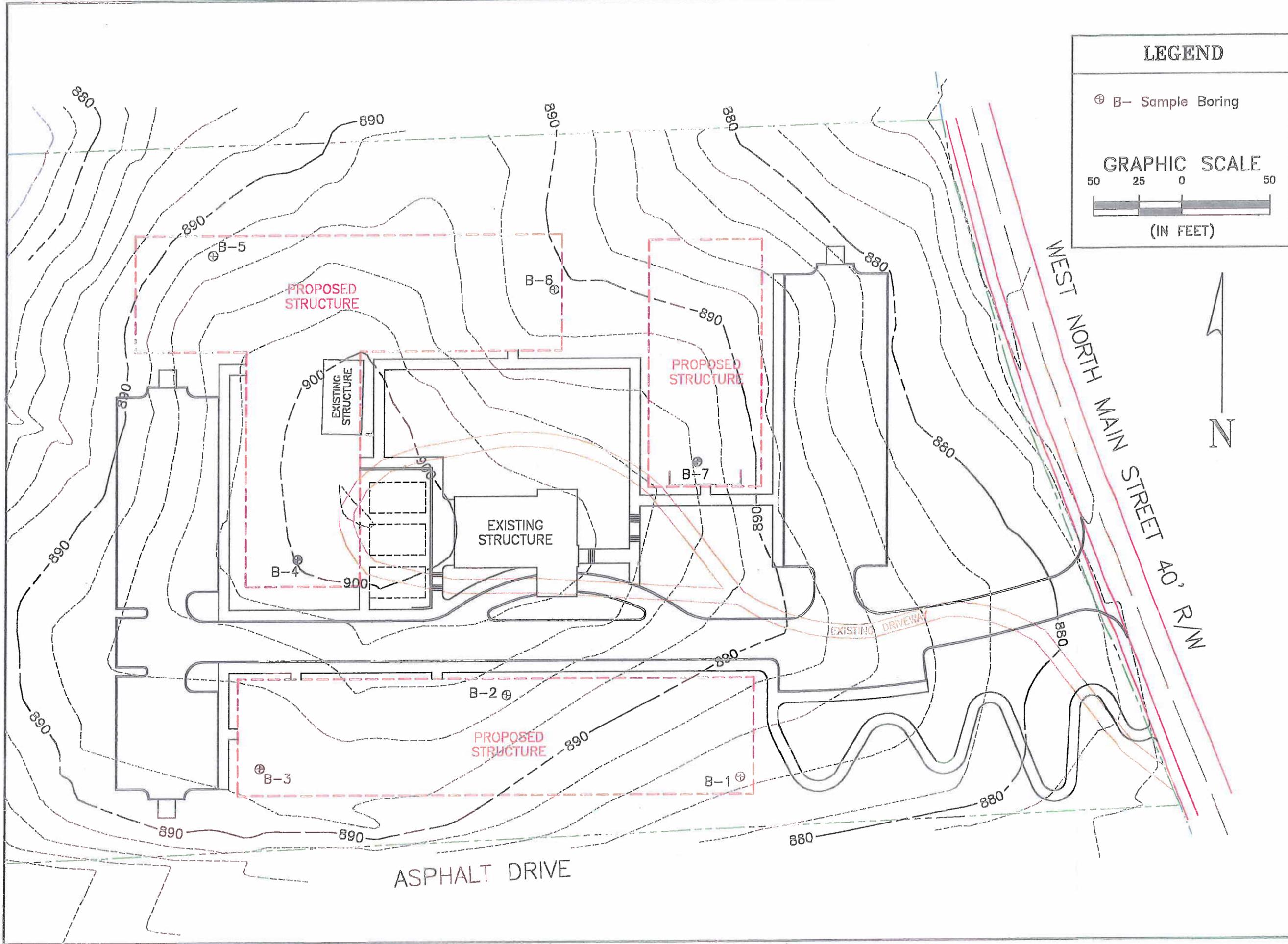
JOB NO. DATE:  
011-027 01/30/01

PROJECT NAME: Woodland Village Apartments

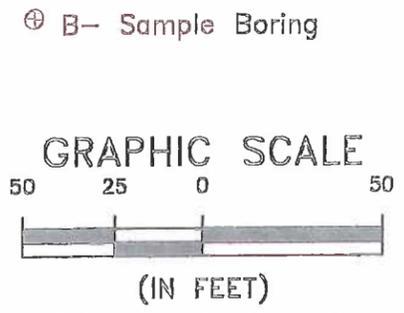
LOCATION: Lafayette, Georgia

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES			NOTES	
			No.	TYPE	BLOWS/6"		
894.0	Topsoil - 1.0" dark brown silt with a little sand and organics						
897.0	Reddish brown silt with a trace of sand (residual)	1	1	SS	1-2-2	Drilling soft	
		2				Drilling medium	
		3	2	SS	5-9-14	Drilling firm	
		4					
		5					
	6	3	SS	15-21-24			
	Light brown silt with a little sand (residual)	7					
		8					
		9	4	SS	11-12-16		
		10					
		11					
			12				
			13				
			14	5	SS	20-50/6.0"	
		Boring terminated at 15.0 feet	15				Note: hole plugged at 4.7 ft at 0 hrs - no water encountered above that depth
16							
17							
18							
19							
20							
21							
22							
23							
24							
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38							
39							
40							

SEA



**LEGEND**



WOODLAND VILLAGE APARTMENTS

West North Main Street  
Lafayette, Georgia

Job No. 011-027

**BORING PLAN**

**SEA** SAILORS  
ENGINEERING  
ASSOCIATES, INC.

ENVIRONMENTAL/GEOTECHNICAL  
1675 SPECTRUM DRIVE  
LAWRENCEVILLE, GEORGIA 30043  
(770) 962-5922 FAX 962-7964



## The EDR Radius Map with GeoCheck®

Proposed Woodlands Village  
1201 West North Main Street  
Lafayette, GA 30728

Inquiry Number: 647489.1s

June 21, 2001

## *The Source* For Environmental Risk Management Data

3530 Post Road  
Southport, Connecticut 06490

### Nationwide Customer Service

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

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

## Disclaimer

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

### TARGET PROPERTY INFORMATION

#### ADDRESS

1201 WEST NORTH MAIN STREET  
LAFAYETTE, GA 30728

#### COORDINATES

Latitude (North): 34.726200 - 34° 43' 34.3"  
Longitude (West): 85.280300 - 85° 16' 49.1"  
Universal Tranverse Mercator: Zone 16  
UTM X (Meters): 657458.4  
UTM Y (Meters): 3843830.0

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2434085-F3 ESTELLE, GA  
Source: USGS 7.5 min quad index

### 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 ASTM E 1527-00 search radius around the target property for the following databases:

#### FEDERAL ASTM STANDARD

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned  
CORRACTS..... Corrective Action Report  
RCRIS-TSD..... Resource Conservation and Recovery Information System  
RCRIS-LQG..... Resource Conservation and Recovery Information System  
RCRIS-SQG..... Resource Conservation and Recovery Information System  
ERNS..... Emergency Response Notification System

#### STATE ASTM STANDARD

SHWS..... Hazardous Site Inventory  
SWF/LF..... Solid Waste Disposal Facilities

#### FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees

## EXECUTIVE SUMMARY

ROD.....	Records Of Decision
Delisted NPL.....	National Priority List Deletions
FINDS.....	Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS.....	Hazardous Materials Information Reporting System
MLTS.....	Material Licensing Tracking System
MINES.....	Mines Master Index File
NPL Liens.....	Federal Superfund Liens
PADS.....	PCB Activity Database System
RAATS.....	RCRA Administrative Action Tracking System
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)

### STATE OR LOCAL ASTM SUPPLEMENTAL

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

### EDR PROPRIETARY DATABASES

Coal Gas.....	Former Manufactured Gas (Coal Gas) Sites
---------------	--

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree 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. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. 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 (by more than 10 feet). 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.

### STATE ASTM STANDARD

**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 03/21/2001 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>GOLDEN GALLON #106</i>	<i>1131 NORTH MAIN ST</i>	<i>0 - 1/8 S</i>	<i>1</i>	<i>5</i>
<i>GA STATE PATROL/POST #41</i>	<i>1212 NORTH MAIN ST^RT 4</i>	<i>1/8 - 1/4NNE</i>	<i>2</i>	<i>8</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HARRIS CAR WASH	810 NORTH MAIN ST	1/4 - 1/2S	3	8

## EXECUTIVE SUMMARY

**UST:** The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Natural Resources' Underground Storage Tank Database.

A review of the UST list, as provided by EDR, and dated 04/11/2001 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

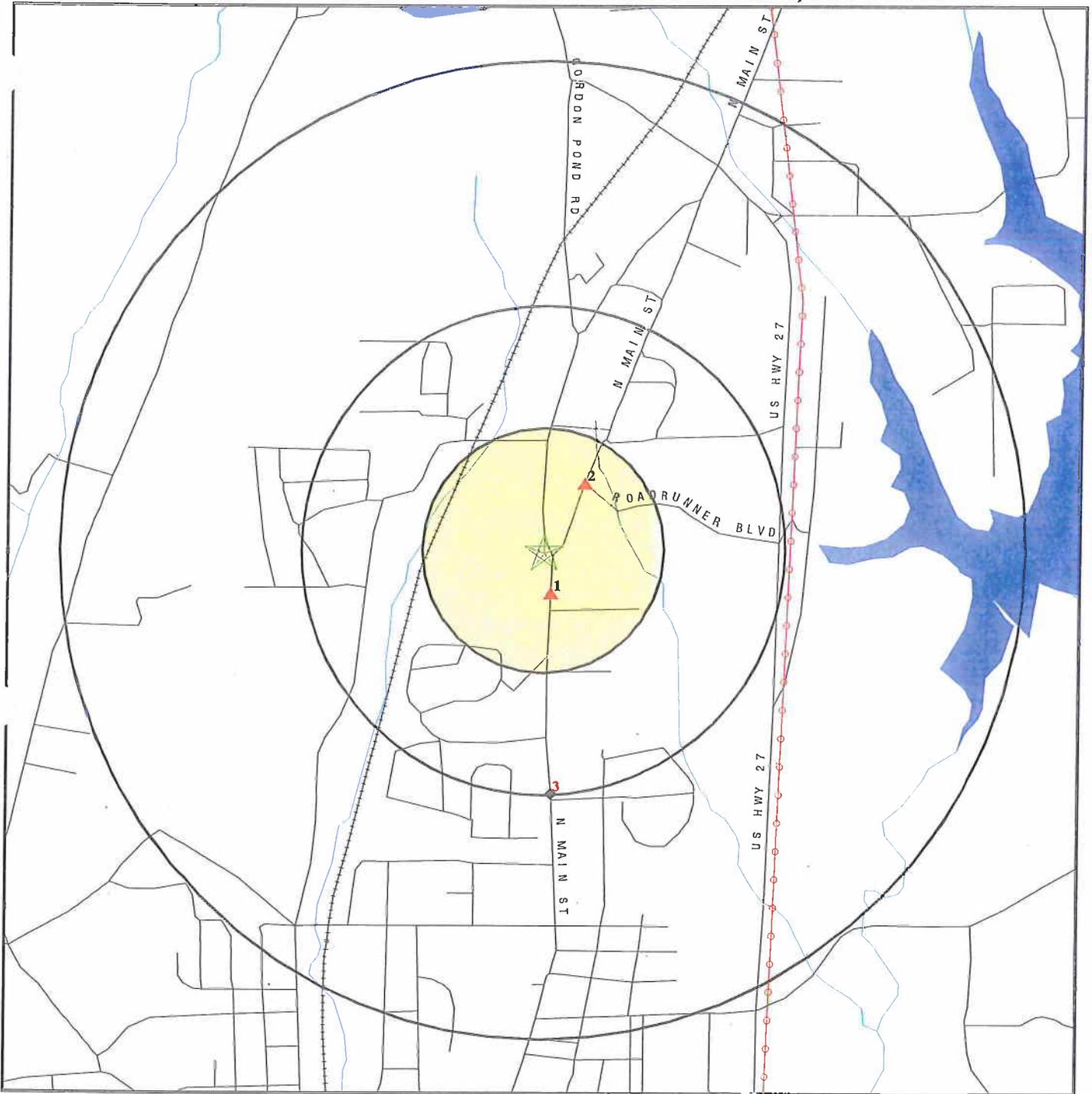
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>GOLDEN GALLON #106</i>	<i>1131 NORTH MAIN ST</i>	<i>0 - 1/8 S</i>	<i>1</i>	<i>5</i>
<i>GA STATE PATROL/POST #41</i>	<i>1212 NORTH MAIN ST^RT 4</i>	<i>1/8 - 1/4NNE</i>	<i>2</i>	<i>8</i>

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
LAFAYETTE-COFFMAN SPRINGS RD (L)	SWF/LF
FAVORITE MARKET #104	UST, LUST
PIT STOP FOOD STORE #6	UST, LUST
CHEVRON (FORMER/ABANDONED)	LUST
PATTON ROCK PRODUCTS	UST
DEPT OF WATER/SEWER BLDG	UST
MURPHY USA #6563	UST
RC'S FOOD & FUEL INC	UST

OVERVIEW MAP - 647489.1s - Env. Assesments, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◇ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines



TARGET PROPERTY: Proposed Woodlands Village  
 ADDRESS: 1201 West North Main Street  
 CITY/STATE/ZIP: Lafayette GA 30728  
 LAT/LONG: 34.7262 / 85.2803

CUSTOMER: Env. Assesments, Inc.  
 CONTACT: Mr. David Ghesqiere  
 INQUIRY #: 647489.1s  
 DATE: June 21, 2001 6:48 am



## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL ASTM STANDARD</u></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		1.000	0	0	0	0	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE ASTM STANDARD</u></b>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	1	1	1	NR	NR	3
UST		0.250	1	1	NR	NR	NR	2
<b><u>FEDERAL ASTM SUPPLEMENTAL</u></b>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		0.500	0	0	0	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		0.500	0	0	0	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		0.250	0	0	NR	NR	NR	0
<b><u>STATE OR LOCAL ASTM SUPPLEMENTAL</u></b>								
GA Spills		TP	NR	NR	NR	NR	NR	0
Non-HSI		1.000	0	0	0	0	NR	0
<b><u>EDR PROPRIETARY DATABASES</u></b>								
Coal Gas		1.000	0	0	0	0	NR	0
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

\* Sites may be listed in more than one database

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1  
 South  
 < 1/8  
 466  
 Higher

GOLDEN GALLON #106  
 1131 NORTH MAIN ST  
 LA FAYETTE, GA 30728

UST U001485080  
 LUST N/A

LUST:

Facility ID: 1460033  
 Release Date: 1/17/95

UST:

Facility ID:	1460033	Total Tanks:	7
Telephone:	(706) 638-4312	Date Installed:	03/25/82
Tank ID:	1	Date Closed:	06/06/1995
Capacity:	10000	Age:	19
Status:	Removed from Ground^06-	Closed:	No
Inert Material:	Not reported		
Removed:	Yes		
Product:	Gasoline		
Overfill Protection:	No		
Material:	Steel		
Spill Protection:	No		
Tank Release Detection:	Tnk Tightness Testing^I		
Pipe Release Detection:	Auto Line Leak Detector		
Pipe Type Description:	Galvanized Steel		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	GOLDEN GALLON-GA LLC PO BOX 181600 CHATTANOOGA, TN 37416		
Owner County:	HAMILTON		
Owner Phone	(423) 899-3800		
Impress Current Installed	Not reported		
Galvanic System Installed	Not reported		

Facility ID:	1460033	Total Tanks:	7
Telephone:	(706) 638-4312	Date Installed:	03/25/82
Tank ID:	2	Date Closed:	11/27/1995
Capacity:	10000	Age:	19
Status:	Removed from Ground^11-	Closed:	No
Inert Material:	Not reported		
Removed:	Yes		
Product:	Gasoline		
Overfill Protection:	No		
Material:	Steel		
Spill Protection:	No		
Tank Release Detection:	Tnk Tightness Testing^I		
Pipe Release Detection:	Auto Line Leak Detector		
Pipe Type Description:	Galvanized Steel		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	GOLDEN GALLON-GA LLC PO BOX 181600 CHATTANOOGA, TN 37416		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**GOLDEN GALLON #106 (Continued)**

**U001485080**

Owner County: HAMILTON  
 Owner Phone (423) 899-3800  
 Impress Current Installed Not reported  
 Galvanic System Installed Not reported

Facility ID:	1460033	Total Tanks:	7
Telephone:	(706) 638-4312	Date Installed:	03/25/82
Tank ID:	3	Date Closed:	11/27/1995
Capacity:	10000	Age:	19
Status:	Removed from Ground^11-	Closed:	No
Inert Material:	Not reported		
Removed:	Yes		
Product:	Gasoline		
Overfill Protection:	No		
Material:	Steel		
Spill Protection:	No		
Tank Release Detection:	Tnk Tightness Testing^1		
Pipe Release Detection:	Auto Line Leak Detector		
Pipe Type Description:	Galvanized Steel		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	GOLDEN GALLON-GA LLC PO BOX 181600 CHATTANOOGA, TN 37416		

Owner County: HAMILTON  
 Owner Phone (423) 899-3800  
 Impress Current Installed Not reported  
 Galvanic System Installed Not reported

Facility ID:	1460033	Total Tanks:	7
Telephone:	(706) 638-4312	Date Installed:	01/01/88
Tank ID:	4	Date Closed:	11/27/1995
Capacity:	2000	Age:	13
Status:	Removed from Ground^11-	Closed:	No
Inert Material:	Not reported		
Removed:	Yes		
Product:	Kerosene		
Overfill Protection:	No		
Material:	Cathodically Prot. Steel		
Spill Protection:	No		
Tank Release Detection:	Tnk Tightness Testing^1		
Pipe Release Detection:	Auto Line Leak Detector		
Pipe Type Description:	Fiberglass/Plastic		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	GOLDEN GALLON-GA LLC PO BOX 181600 CHATTANOOGA, TN 37416		

Owner County: HAMILTON  
 Owner Phone (423) 899-3800  
 Impress Current Installed Not reported  
 Galvanic System Installed Not reported

Facility ID:	1460033	Total Tanks:	7
Telephone:	(706) 638-4312		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**GOLDEN GALLON #106 (Continued)**

**U001485080**

Tank ID:	5	Date Installed:	12/01/95
Capacity:	8000	Date Closed:	Not reported
Status:	Currently in Use	Age:	5
Inert Material:	Not reported	Closed:	No
Removed:	No		
Product:	Gasoline		
Overfill Protection:	No		
Material:	Composite		
Spill Protection:	No		
Tank Release Detection:	Tnk Tightness Testing^I		
Pipe Release Detection:	Auto Line Leak Detector		
Pipe Type Description:	Double Walled^Seco		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	GOLDEN GALLON-GA LLC PO BOX 181600 CHATTANOOGA, TN 37416		
Owner County:	HAMILTON		
Owner Phone	(423) 899-3800		
Impress Current Installed	Not reported		
Galvanic System Installed	Not reported		

Facility ID:	1460033	Total Tanks:	7
Telephone:	(706) 638-4312		
Tank ID:	6A	Date Installed:	12/01/95
Capacity:	4000	Date Closed:	Not reported
Status:	Currently in Use	Age:	5
Inert Material:	Not reported	Closed:	No
Removed:	No		
Product:	Gasoline		
Overfill Protection:	No		
Material:	Composite		
Spill Protection:	No		
Tank Release Detection:	Tnk Tightness Testing^I		
Pipe Release Detection:	Auto Line Leak Detector		
Pipe Type Description:	Double Walled^Seco		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	GOLDEN GALLON-GA LLC PO BOX 181600 CHATTANOOGA, TN 37416		
Owner County:	HAMILTON		
Owner Phone	(423) 899-3800		
Impress Current Installed	Not reported		
Galvanic System Installed	Not reported		

Facility ID:	1460033	Total Tanks:	7
Telephone:	(706) 638-4312		
Tank ID:	6B	Date Installed:	12/01/95
Capacity:	4000	Date Closed:	Not reported
Status:	Currently in Use	Age:	5
Inert Material:	Not reported	Closed:	No
Removed:	No		
Product:	Gasoline		
Overfill Protection:	No		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**GOLDEN GALLON #106 (Continued)**

U001485080

Material: Composite  
 Spill Protection: No  
 Tank Release Detection: Tnk Tightness Testing^I  
 Pipe Release Detection: Auto Line Leak Detector  
 Pipe Type Description: Double Walled^Secon  
 Non-eligible: No  
 Fed Regulated Tank: Yes  
 Tank Last Used: No  
 Owner: GOLDEN GALLON-GA LLC  
 PO BOX 181600  
 CHATTANOOGA, TN 37416  
 Owner County: HAMILTON  
 Owner Phone (423) 899-3800  
 Impress Current Installed Not reported  
 Galvanic System Installed Not reported

2  
 NNE  
 1/8-1/4  
 854  
 Higher

**GA STATE PATROL/POST #41**  
 1212 NORTH MAIN ST^RT 4 BOX 2  
 LA FAYETTE, GA 30728

UST U001485068  
 LUST N/A

LUST:

Facility ID: 1460018  
 Release Date: Not reported

UST:

Facility ID:	1460018	Total Tanks:	1
Telephone:	Not reported	Date Installed:	03/10/68
Tank ID:	1	Date Closed:	Not reported
Capacity:	3000	Age:	33
Status:	Temporarily Out of Use	Closed:	No
Inert Material:	Not reported		
Removed:	No		
Product:	Gasoline		
Overfill Protection:	No		
Material:	Steel		
Spill Protection:	No		
Tank Release Detection:	Tnk Tightness Testing^I		
Pipe Release Detection:	Line Tightness Testing		
Pipe Type Description:	Galvanized Steel		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	GA DEPT OF PUBLIC SAFETY 969 EAST CONFEDERATE AVE SE ATLANTA, GA 30316		
Owner County:	FULTON		
Owner Phone	(404) 624-7722		
Impress Current Installed	Not reported		
Galvanic System Installed	Not reported		

3  
 South  
 1/4-1/2  
 2627  
 Lower

**HARRIS CAR WASH**  
 810 NORTH MAIN ST  
 WALKER, GA 30728

LUST U003003486  
 N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HARRIS CAR WASH (Continued)

U003003486

LUST:

Facility ID: 1460085  
Release Date: 8/19/96

Facility ID: 9146040  
Release Date: 8/19/96

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
LA FAYETTE	U003551062	PATTON ROCK PRODUCTS	HWY 193 & BLUEHOLE RD^PO BOX 471	30728	UST	1460066
LA FAYETTE	U003003496	DEPT OF WATER/SEWER BLDG	302 NORTH MAIN ST^PO BOX 466	30728	UST	1460115
LAFAYETTE	S103702503	LAFAYETTE-COFFMAN SPRINGS RD (L)	COFFMAN SPRINGS RD.	30728	SWF/LF	
LAFAYETTE	U001485176	FAVORITE MARKET #104	GA HWY 201 @ GA HWY 136/RT 3	30728	UST, LUST	1460148
LAFAYETTE	U003003484	PIT STOP FOOD STORE #6	126 GA HWY 151	30728	UST, LUST	1460075
LAFAYETTE	U003763553	MURPHY USA #6563	2637 MORTH HWY 27	30728	UST	9146070
LAYFAYETTE	U003728771	RC'S FOOD & FUEL INC	2213 OLD TRION HWY	30728	UST	9146065
WALKER	U001920514	CHEVRON (FORMER/ABANDONED)	GA HWY 136 / HWY 201	30728	LUST	9146032

# 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.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

## FEDERAL ASTM STANDARD RECORDS

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

Source: EPA

Telephone: N/A

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).

Date of Government Version: 01/23/01

Date Made Active at EDR: 02/16/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/05/01

Elapsed ASTM days: 11

Date of Last EDR Contact: 05/07/01

### **Proposed NPL:** Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 01/23/01

Date Made Active at EDR: 02/16/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/05/01

Elapsed ASTM days: 11

Date of Last EDR Contact: 05/07/01

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

Source: EPA

Telephone: 703-413-0223

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: 03/16/01

Date Made Active at EDR: 04/30/01

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/26/01

Elapsed ASTM days: 35

Date of Last EDR Contact: 03/26/01

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

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 03/16/01

Date Made Active at EDR: 04/30/01

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/26/01

Elapsed ASTM days: 35

Date of Last EDR Contact: 03/26/01

### **CORRACTS:** Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/20/00  
Date Made Active at EDR: 08/01/00  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/12/00  
Elapsed ASTM days: 50  
Date of Last EDR Contact: 06/12/01

## **RCRIS:** Resource Conservation and Recovery Information System

Source: EPA/NTIS  
Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS 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).

Date of Government Version: 06/21/00  
Date Made Active at EDR: 07/31/00  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 07/10/00  
Elapsed ASTM days: 21  
Date of Last EDR Contact: 05/29/01

## **ERNS:** Emergency Response Notification System

Source: EPA/NTIS  
Telephone: 202-260-2342

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

Date of Government Version: 08/08/00  
Date Made Active at EDR: 09/06/00  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/11/00  
Elapsed ASTM days: 26  
Date of Last EDR Contact: 04/19/01

## **FEDERAL ASTM SUPPLEMENTAL RECORDS**

### **BRS:** Biennial Reporting System

Source: EPA/NTIS  
Telephone: 800-424-9346

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: 12/31/97  
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/19/01  
Date of Next Scheduled EDR Contact: 06/18/01

### **CONSENT:** Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices  
Telephone: Varies

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: N/A  
Database Release Frequency: Varies

Date of Last EDR Contact: N/A  
Date of Next Scheduled EDR Contact: N/A

### **ROD:** Records Of Decision

Source: NTIS  
Telephone: 703-416-0223

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: 09/30/99  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/10/01  
Date of Next Scheduled EDR Contact: 07/09/01

### **DELISTED NPL:** National Priority List Deletions

Source: EPA  
Telephone: N/A

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/23/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/07/01  
Date of Next Scheduled EDR Contact: 08/06/01

**FINDS:** Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA  
Telephone: N/A

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

Date of Government Version: 07/07/00  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/01  
Date of Next Scheduled EDR Contact: 07/09/01

**HMIRS:** Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation  
Telephone: 202-366-4526

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

Date of Government Version: 05/31/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/24/01  
Date of Next Scheduled EDR Contact: 07/23/01

**MLTS:** Material Licensing Tracking System

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169

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: 01/30/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/01  
Date of Next Scheduled EDR Contact: 07/09/01

**MINES:** Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959

Date of Government Version: 08/01/98  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/02/01  
Date of Next Scheduled EDR Contact: 07/02/01

**NPL LIENS:** Federal Superfund Liens

Source: EPA  
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/23/01  
Date of Next Scheduled EDR Contact: 08/20/01

**PADS:** PCB Activity Database System

Source: EPA  
Telephone: 202-260-3936

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: 12/11/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 05/18/01  
Date of Next Scheduled EDR Contact: 08/13/01

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **RAATS: RCRA Administrative Action Tracking System**

Source: EPA

Telephone: 202-564-4104

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: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/11/01

Date of Next Scheduled EDR Contact: 09/10/01

## **TRIS: Toxic Chemical Release Inventory System**

Source: EPA

Telephone: 202-260-1531

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: 12/31/97

Database Release Frequency: Annually

Date of Last EDR Contact: 03/26/01

Date of Next Scheduled EDR Contact: 06/25/01

## **TSCA: Toxic Substances Control Act**

Source: EPA

Telephone: 202-260-1444

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: 12/31/98

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 04/24/01

Date of Next Scheduled EDR Contact: 07/23/01

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

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: 08/30/00

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/26/01

Date of Next Scheduled EDR Contact: 06/25/01

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

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 08/10/00

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/26/01

Date of Next Scheduled EDR Contact: 06/25/01

## **STATE OF GEORGIA ASTM STANDARD RECORDS**

### **SHWS: Hazardous Site Inventory**

Source: Department of Environmental Protection

Telephone: 404-657-8600

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/00  
Date Made Active at EDR: 09/14/00  
Database Release Frequency: Annually

Date of Data Arrival at EDR: 07/31/00  
Elapsed ASTM days: 45  
Date of Last EDR Contact: 06/12/01

## **SWF/LF:** Solid Waste Disposal Facilities

Source: Department of Natural Resources  
Telephone: 404-362-2696

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: 03/01/01  
Date Made Active at EDR: 05/09/01  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/25/01  
Elapsed ASTM days: 14  
Date of Last EDR Contact: 06/04/01

## **LUST:** List of Leaking Underground Storage Tanks

Source: Environmental Protection Division  
Telephone: 404-362-2687

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: 03/21/01  
Date Made Active at EDR: 05/02/01  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/03/01  
Elapsed ASTM days: 29  
Date of Last EDR Contact: 04/16/01

## **UST:** Underground Storage Tank Database

Source: Environmental Protection Division  
Telephone: 404-362-2687

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: 04/11/01  
Date Made Active at EDR: 05/17/01  
Database Release Frequency: Annually

Date of Data Arrival at EDR: 04/24/01  
Elapsed ASTM days: 23  
Date of Last EDR Contact: 04/04/01

## STATE OF GEORGIA ASTM SUPPLEMENTAL RECORDS

### **SPILLS:** Spills Information

Source: Department of Natural Resources  
Telephone: 404-656-6905

Oil or Hazardous Material Spills or Releases.

Date of Government Version: 10/01/00  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/01/01  
Date of Next Scheduled EDR Contact: 07/30/01

### **NON HSI:** Non-Hazardous Site Inventory

Source: Rindt-McDuff Associates, Inc.  
Telephone: N/A

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: 01/03/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/09/00  
Date of Next Scheduled EDR Contact: 07/09/01

## EDR PROPRIETARY DATABASES

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

### Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

## HISTORICAL AND 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.

**Oil/Gas Pipelines/Electrical Transmission Lines:** 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 and electrical transmission lines.

**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.

**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 1999 from the U.S. Fish and Wildlife Service.

## GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

PROPOSED WOODLANDS VILLAGE  
1201 WEST NORTH MAIN STREET  
LAFAYETTE, GA 30728

### TARGET PROPERTY COORDINATES

Latitude (North):	34.726200 - 34° 43' 34.3"
Longitude (West):	85.280296 - 85° 16' 49.1"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	657458.4
UTM Y (Meters):	3843830.0

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle 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. 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.

# 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.

## USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2434085-F3 ESTELLE, GA  
Source: USGS 7.5 min quad index

## GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General SE

Source: General Topographic Gradient has been determined from the USGS 1 Degree 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.

## 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  
WALKER, GA

FEMA Q3 Flood  
Data Electronic Coverage  
NO

Flood Plain Panel at Target Property:  
Additional Panels in search area:

Not Reported  
Not Reported

## NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
ESTELLE

NWI Electronic  
Coverage  
NO

## 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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## AQUIFLOW®

Search Radius: 2.000 Miles.

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

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

## 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.

### GEOLOGIC AGE IDENTIFICATION

Geologic Code: C  
Era: Paleozoic  
System: Cambrian  
Series: Cambrian

### ROCK STRATIGRAPHIC UNIT

Category: Stratified Sequence

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

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: LYERLY  
Soil Surface Texture: silty clay loam  
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.  
Soil Drainage Class: Not reported

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 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	6 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.20	Max: 6.50 Min: 4.50
2	6 inches	22 inches	clay	A-7-6	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.06 Min: 0.00	Max: 6.50 Min: 4.50
3	22 inches	32 inches	clay	A-7-6	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.06 Min: 0.00	Max: 7.30 Min: 5.10
4	32 inches	36 inches	unweathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 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: cherty - loam  
loam  
silt loam  
cherty - silt loam

Surficial Soil Types: cherty - loam  
loam  
silt loam  
cherty - silt loam

Shallow Soil Types: cherty - clay loam  
clay loam

Deeper Soil Types: cherty - silty clay loam  
cherty - clay loam  
clay loam  
loamy sand  
cherty - clay

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used 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.

## 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

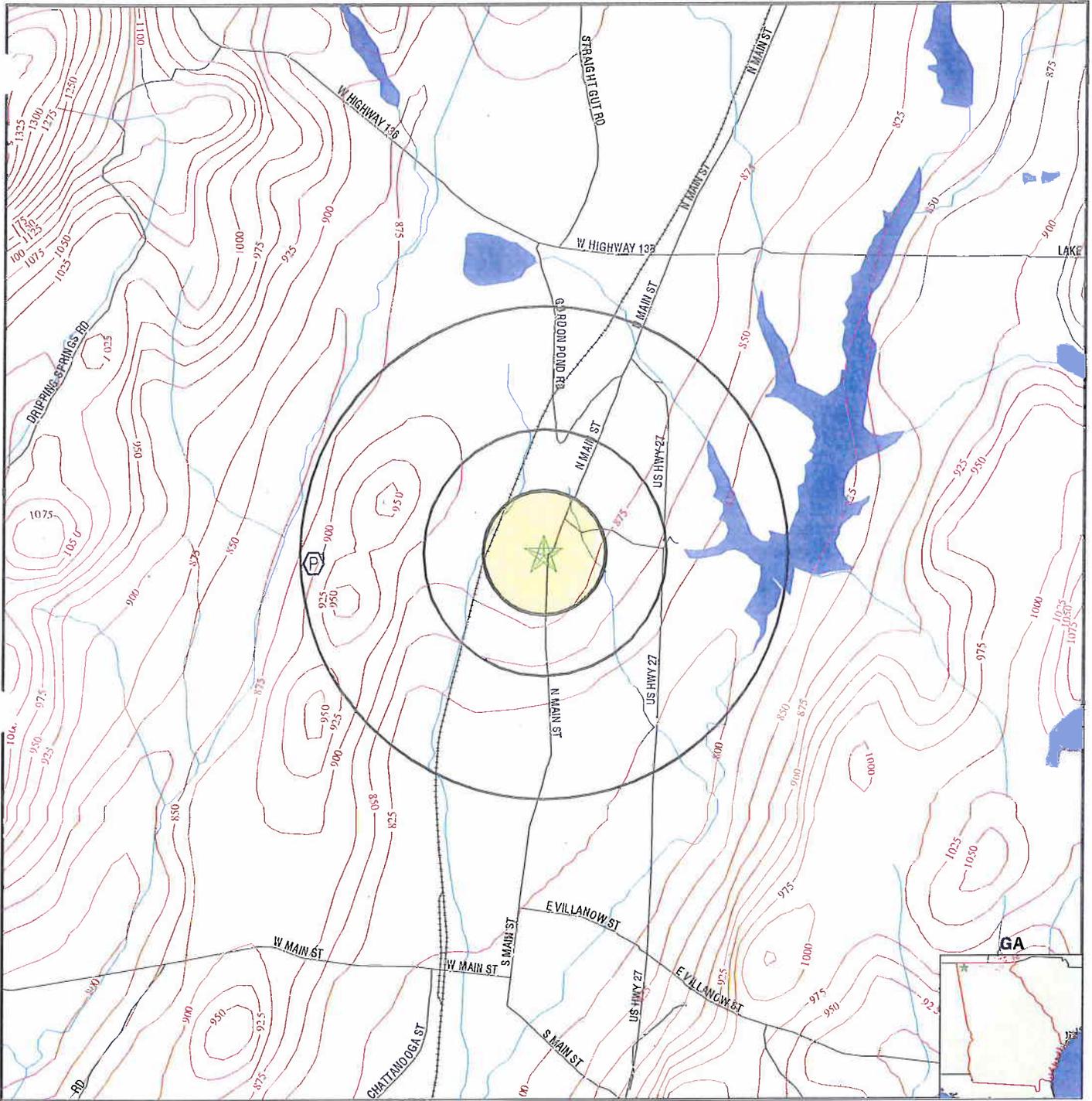
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	GA2950002	1/2 - 1 Mile West

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 - 647489.1s



- Major Roads
- Contour Lines
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Cluster of Multiple Icons

- Earthquake epicenter, Richter 5 or greater
- Wildlife Areas



<b>TARGET PROPERTY:</b> Proposed Woodlands Village <b>ADDRESS:</b> 1201 West North Main Street <b>CITY/STATE/ZIP:</b> Lafayette GA 30728 <b>LAT/LONG:</b> 34.7262 / 85.2803	<b>CUSTOMER:</b> Env. Assesments, Inc. <b>CONTACT:</b> Mr. David Ghesqiere <b>INQUIRY #:</b> 647489.1s <b>DATE:</b> June 21, 2001 6:48 am
--	--

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**  
 West  
 1/2 - 1 Mile  
 Higher

FRDS PWS      GA2950002

PWS ID:	GA2950002	PWS Status:	Not Reported
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	LAFAYETTE CITY OF LAFAYETTE POB 89 LAFAYETTE, GA 307280089		

Treatment Objective: CORROSION CONTROL  
 Treatment Process: PH ADJUSTMENT, POST  
 Source: Surface water

Addressee / Facility:      Not Reported

Facility Latitude:	34 43 32.0000	Facility Longitude:	85 17 49.0000
Facility Latitude:	34 46 36.0000	Facility Longitude:	85 17 49.0000
Facility Latitude:	34 46 36.0000	Facility Longitude:	85 22 36.0000
City Served:	Not Reported		
Treatment Class:	Treated	Population:	15600

PWS currently has or had major violation(s) or enforcement:      No

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

Federal EPA Radon Zone for WALKER County: 2

Note: Zone 1 indoor average level > 4 pCi/L.  
: Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.  
: Zone 3 indoor average level < 2 pCi/L.

Zip Code: 30728

Number of sites tested: 4

<u>Area</u>	<u>Average Activity</u>	<u>% &lt;4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% &gt;20 pCi/L</u>
Living Area - 1st Floor	1.025 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## 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 1999 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**

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.

## ADDITIONAL ENVIRONMENTAL RECORD SOURCES

### **FEDERAL WATER WELLS**

#### **PWS: Public Water Systems**

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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: 202-260-2805

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:** In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. 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 more than 900,000 wells, springs, and other sources of groundwater.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## 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

## RADON

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

## OTHER

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

Source: Department of Commerce, National Oceanic and Atmospheric Administration



**ANALYTICAL ENVIRONMENTAL SERVICES, INC.**  
**Bulk Sample Summary Report**

NVLAP

Client Name: Environmental Assessments  
 Project Name: 1201 W. No. Main St.  
 Project Number: LaFayette, GA..

AES Job Number: B6097  
 Tuesday, June 19, 2001

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
1	55479	V.A.T. - Garage	5						Floor tile contains 5% chrysotile. Bitumen is not enough to be analyzed.
2	55480	Wall board - Garage							
3	55481	Vinyl tile - Garage	25						Layer #2 contains 50% chrysotile. Glue & layer #1: No asbestos detected.
4	55482	Ceiling tile - Garage							Paint included as binder.
5	55483	Roof shingle - Garage							
6	55484	Plaster walls - house							
7	55485	Kitchen floor - house							
8	55486	Roof tile - house	35						
9	55487	Attic insulation - house							

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite.  
 For comments on the samples, see the individual analysis sheets.

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to determine the conclusive asbestos content

It is certified by the signatures below that the laboratory identified is accredited by the National Institute of Standards and Technology for Polarized Light Microscopy (PLM) analysis under the EPA Interim Asbestos Bulk Sample Quality Assurance Program, Laboratory 102082-0. All percentages given are by visually estimated volume. All analyses are performed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials, EPA/600/R-93/116, July 1993." This report must not be reproduced except in full with the approval of Analytical Environmental Services, Inc. These test results apply only to the samples actually tested.

Microanalyst:

  
 Yelena Khanina

QC Analyst:

  
 Svetlana Arkhipov



**ANALYTICAL ENVIRONMENTAL SERVICES, INC.**  
**Bulk Sample Summary Report**

NVLAQ

Client Name: Environmental Assessments  
 Project Name: 1201 W. No. Main St.  
 Project Number: LaFayette, GA..

AES Job Number: B6097  
 Tuesday, June 19, 2001

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
10	55488	Duct tape - house	45						
11	55489	Lay in ceiling - house							Paint included as binder.

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite.  
 For comments on the samples, see the individual analysis sheets.

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to determine the conclusive asbestos content.

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Microanalyst: Yelena Khanina  
 Yelena Khanina

QC Analyst: Svetlana Arkhipov  
 Svetlana Arkhipov



**ANALYTICAL ENVIRONMENTAL SERVICES, INC.**  
 3125 Marjan Drive  
 Atlanta, GA 30340  
 Tel: (770) 457-8177  
 Fax: (770) 457-8188

AES Job Number: **B6097**  
 Page 1 of 11 Total Samples  
 Tuesday, June 19, 2001



**BULK SAMPLE ANALYSIS**

Client Name: Environmental Assessments  
 Project Name: 1201 W. No. Main St. Project Number: LaFayette, GA..  
 Client Sample ID: 1 AES Lab ID: 55479  
 Location: V.A.T. - Garage

Sample Description: Light brown hard compact partly granular with fibers & bitumen.

**All percentages given below are visually estimated by volume**

ASBESTOS FIBERS		NON-FIBROUS MATERIALS	
Chrysotile:	5	Vermiculite:	
Amosite:		Biotite:	
Crocidolite:		Mica:	
Anthophyllite:		Perlite:	
Tremolite:		Aggregates:	40
Actinolite:		Styrofoam:	
NON-ASBESTOS FIBERS		OTHERS	
Synthetics:		Aluminum:	
Mineral Wool:		Bitumen:	<1
Fiberglass:		Resilient Material:	
Cellulose:	1	Glue:	
Animal Hair:		Binders:	54
Antigorite:			

COMMENTS: Floor tile contains 5% chrysotile. Bitumen is not enough to be analyzed.

It is certified by the signatures below that the laboratory identified is accredited by the National Institute of Standards and Technology for Polarized Light Microscopy (PLM) analysis under the EPA Interim Asbestos Bulk Sample Quality Assurance Program, Laboratory 102082-0.

Microanalyst:

Yelena Khanina

QCAAnalyst:

Svetlana Arkhipov

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AES Job Number: **B6097**  
 Page 2 of 11 Total Samples  
 Tuesday, June 19, 2001



**BULK SAMPLE ANALYSIS**

Client Name: Environmental Assessments  
 Project Name: 1201 W. No. Main St. Project Number: LaFayette, GA..  
 Client Sample ID: 2 AES Lab ID: 55480  
 Location: Wall board - Garage

Sample Description: Layered: 1) Light brown soft fibrous; 2) Gray semi-hard silty with fibers.

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	
Amosite:	
Crocidolite:	
Anthophyllite:	
Tremolite:	
Actinolite:	

NON-FIBROUS MATERIALS	
Vermiculite:	
Biotite:	
Mica:	
Perlite:	
Aggregates:	
Styrofoam:	

NON-ASBESTOS FIBERS	
Synthetics:	
Mineral Wool:	
Fiberglass:	
Cellulose:	15
Animal Hair:	
Antigorite:	

OTHERS	
Aluminum:	
Bitumen:	
Resilient Material:	
Glue:	
Binders:	85

COMMENTS:

It is certified by the signatures below that the laboratory identified is accredited by the National Institute of Standards and Technology for Polarized Light Microscopy (PLM) analysis under the EPA Interim Asbestos Bulk Sample Quality Assurance Program, Laboratory 102082-0.

Microanalyst:

Yelena Khanina

QCAAnalyst:

Svetlana Arkhipov

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AES Job Number: **B6097**  
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**BULK SAMPLE ANALYSIS**

Client Name: Environmental Assessments  
 Project Name: 1201 W. No. Main St. Project Number: LaFayette, GA.  
 Client Sample ID: 3 AES Lab ID: 55481  
 Location: Vinyl tile - Garage

Sample Description: Layered: 1) Light green semi-hard resilient; 2) Gray semi-hard fibrous to silty with glue.

All percentages given below are visually estimated by volume.

ASBESTOS FIBERS		NON-FIBROUS MATERIALS	
Chrysotile:	25	Vermiculite:	
Amosite:		Biotite:	
Crocidolite:		Mica:	
Anthophyllite:		Perlite:	
Tremolite:		Aggregates:	
Actinolite:		Styrofoam:	
NON-ASBESTOS FIBERS		OTHERS	
Synthetics:		Aluminum:	
Mineral Wool:		Bitumen:	
Fiberglass:		Resilient Material:	50
Cellulose:		Glue:	3
Animal Hair:		Binders:	22
Antigorite:			

COMMENTS: Layer #2 contains 50% chrysotile. Glue & layer #1: No asbestos detected.

It is certified by the signatures below that the laboratory identified is accredited by the National Institute of Standards and Technology for Polarized Light Microscopy (PLM) analysis under the EPA Interim Asbestos Bulk Sample Quality Assurance Program, Laboratory 102082-0.

Microanalyst:

Yelena Khanina

QCAAnalyst:

Svetlana Arkhipov

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 Tuesday, June 19, 2001



**BULK SAMPLE ANALYSIS**

Client Name: Environmental Assessments  
 Project Name: 1201 W. No. Main St. Project Number: LaFayette, GA..  
 Client Sample ID: 4 AES Lab ID: 55482  
 Location: Ceiling tile - Garage

Sample Description: Brown soft fibrous with paint.

All percentages given below are visually estimated by volume.

ASBESTOS FIBERS		NON-FIBROUS MATERIALS	
Chrysotile:		Vermiculite:	
Amosite:		Biotite:	
Crocidolite:		Mica:	
Anthophyllite:		Perlite:	
Tremolite:		Aggregates:	
Actinolite:		Styrofoam:	
NON-ASBESTOS FIBERS		OTHERS	
Synthetics:		Aluminum:	
Mineral Wool:		Bitumen:	
Fiberglass:		Resilient Material:	
Cellulose:	90	Glue:	
Animal Hair:		Binders:	10
Antigorite:			

COMMENTS: Paint included as binder.

It is certified by the signatures below that the laboratory identified is accredited by the National Institute of Standards and Technology for Polarized Light Microscopy (PLM) analysis under the EPA Interim Asbestos Bulk Sample Quality Assurance Program, Laboratory 102082-0.

Microanalyst:   
 Yelena Khanina

QCAnalyst:   
 Svetlana Arkhipov

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**BULK SAMPLE ANALYSIS**

Client Name: Environmental Assessments  
 Project Name: 1201 W. No. Main St. Project Number: LaFayette, GA..  
 Client Sample ID: 5 AES Lab ID: 55483  
 Location: Roof shingle - Garage

Sample Description: Layered: 1) Light gray semi-hard partly granular to bitumenous with fibers; 2) Black semi-hard fibrous to bitumenous.

**All percentages given below are visually estimated by volume**

ASBESTOS FIBERS	
Chrysotile:	
Amosite:	
Crocidolite:	
Anthophyllite:	
Tremolite:	
Actinolite:	

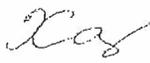
NON-FIBROUS MATERIALS	
Vermiculite:	
Biotite:	
Mica:	
Perlite:	
Aggregates:	20
Styrofoam:	

NON-ASBESTOS FIBERS	
Synthetics:	15
Mineral Wool:	
Fiberglass:	
Cellulose:	20
Animal Hair:	
Antigorite:	

OTHERS	
Aluminum:	
Bitumen:	40
Resilient Material:	
Glue:	
Binders:	5

COMMENTS:

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Microanalyst:   
 Yelena Khanina

QCAAnalyst:   
 Svetlana Arkhipov

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AES Job Number: **B6097**  
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**BULK SAMPLE ANALYSIS**

Client Name: Environmental Assessments  
 Project Name: 1201 W. No. Main St. Project Number: LaFayette, GA..  
 Client Sample ID: 6 AES Lab ID: 55484  
 Location: Plaster walls - house

Sample Description: Beige semi-hard silty to partly granular with fibers.

**All percentages given below are visually estimated by volume**

ASBESTOS FIBERS		NON-FIBROUS MATERIALS	
Chrysotile:		Vermiculite:	
Amosite:		Biotite:	
Crocidolite:		Mica:	
Anthophyllite:		Perlite:	
Tremolite:		Aggregates:	30
Actinolite:		Styrofoam:	
NON-ASBESTOS FIBERS		OTHERS	
Synthetics:		Aluminum:	
Mineral Wool:		Bitumen:	
Fiberglass:		Resilient Material:	
Cellulose:	1	Glue:	
Animal Hair:		Binders:	69
Antigorite:			

COMMENTS:

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Microanalyst:

Yelena Khanina

QCAlyst:

Svetlana Arkhipov

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AES Job Number: **B6097**  
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**BULK SAMPLE ANALYSIS**

Client Name: Environmental Assessments  
 Project Name: 1201 W. No. Main St. Project Number: LaFayette, GA..  
 Client Sample ID: 7 AES Lab ID: 55485  
 Location: Kitchen floor - house

Sample Description: Brown semi-hard resilient with fibers.

**All percentages given below are visually estimated by volume**

ASBESTOS FIBERS		NON-FIBROUS MATERIALS	
Chrysotile:		Vermiculite:	
Amosite:		Biotite:	
Crocidolite:		Mica:	
Anthophyllite:		Perlite:	
Tremolite:		Aggregates:	
Actinolite:		Styrofoam:	
NON-ASBESTOS FIBERS		OTHERS	
Synthetics:		Aluminum:	
Mineral Wool:		Bitumen:	
Fiberglass:		Resilient Material:	95
Cellulose:	1	Glue:	
Animal Hair:		Binders:	4
Antigorite:			

COMMENTS:

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Microanalyst:

Yelena Khanina

QCAlyst:

Svetlana Arkhipov

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AES Job Number: B6097  
 Page 8 of 11 Total Samples  
 Tuesday, June 19, 2001



**BULK SAMPLE ANALYSIS**

Client Name: Environmental Assessments  
 Project Name: 1201 W. No. Main St. Project Number: LaFayette, GA..  
 Client Sample ID: 8 AES Lab ID: 55486  
 Location: Roof tile - house

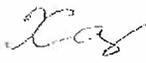
Sample Description: Gray hard silty to fibrous.

All percentages given below are visually estimated by volume

ASBESTOS FIBERS		NON-FIBROUS MATERIALS	
Chrysotile:	35	Vermiculite:	
Amosite:		Biotite:	
Crocidolite:		Mica:	
Anthophyllite:		Perlite:	
Tremolite:		Aggregates:	
Actinolite:		Styrofoam:	
NON-ASBESTOS FIBERS		OTHERS	
Synthetics:		Aluminum:	
Mineral Wool:		Bitumen:	
Fiberglass:		Resilient Material:	
Cellulose:		Glue:	
Animal Hair:		Binders:	65
Antigorite:			

COMMENTS:

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Microanalyst:   
 Yelena Khanina

QCAAnalyst:   
 Svetlana Arkhipov

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AES Job Number: **B6097**  
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 Tuesday, June 19, 2001



**BULK SAMPLE ANALYSIS**

Client Name: Environmental Assessments  
 Project Name: 1201 W. No. Main St. Project Number: LaFayette, GA..  
 Client Sample ID: 9 AES Lab ID: 55487  
 Location: Attic insulation - house

Sample Description: Gray soft fibrous.

**All percentages given below are visually estimated by volume**

ASBESTOS FIBERS		NON-FIBROUS MATERIALS	
Chrysotile:		Vermiculite:	
Amosite:		Biotite:	
Crocidolite:		Mica:	
Anthophyllite:		Perlite:	
Tremolite:		Aggregates:	
Actinolite:		Styrofoam:	
NON-ASBESTOS FIBERS		OTHERS	
Synthetics:		Aluminum:	
Mineral Wool:	90	Bitumen:	
Fiberglass:		Resilient Material:	
Cellulose:		Glue:	
Animal Hair:		Binders:	10
Antigorite:			

COMMENTS:

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Microanalyst:

Yelena Khanina

QCAnalyst:

Svetlana Arkhipov

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**BULK SAMPLE ANALYSIS**

Client Name: Environmental Assessments  
 Project Name: 1201 W. No. Main St. Project Number: LaFayette, GA..  
 Client Sample ID: 10 AES Lab ID: 55488  
 Location: Duct tape - house

Sample Description: Gray semi-hard fibrous to silty.

All percentages given below are visually estimated by volume

ASBESTOS FIBERS		NON-FIBROUS MATERIALS	
Chrysotile:	45	Vermiculite:	
Amosite:		Biotite:	
Crocidolite:		Mica:	
Anthophyllite:		Perlite:	
Tremolite:		Aggregates:	
Actinolite:		Styrofoam:	
NON-ASBESTOS FIBERS		OTHERS	
Synthetics:		Aluminum:	
Mineral Wool:		Bitumen:	
Fiberglass:		Resilient Material:	
Cellulose:	10	Glue:	
Animal Hair:		Binders:	45
Antigorite:			

COMMENTS:

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Microanalyst:

Yelena Khanina

QCAlyst:

Svetlana Arkhipov

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 Tel: (770) 457-8177  
 Fax: (770) 457-8188

AES Job Number: B6097  
 Page 11 of 11 Total Samples  
 Tuesday, June 19, 2001



**BULK SAMPLE ANALYSIS**

Client Name: Environmental Assessments  
 Project Name: 1201 W. No. Main St. Project Number: LaFayette, GA..  
 Client Sample ID: 11 AES Lab ID: 55489  
 Location: Lay in ceiling - house

Sample Description: Brown soft fibrous to perlitic with paint.

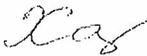
**All percentages given below are visually estimated by volume**

ASBESTOS FIBERS	
Chrysotile:	
Amosite:	
Crocidolite:	
Anthophyllite:	
Tremolite:	
Actinolite:	
NON-ASBESTOS FIBERS	
Synthetics:	
Mineral Wool:	
Fiberglass:	
Cellulose:	75
Animal Hair:	
Antigorite:	

NON-FIBROUS MATERIALS	
Vermiculite:	
Biotite:	
Mica:	
Perlite:	15
Aggregates:	
Styrofoam:	
OTHERS	
Aluminum:	
Bitumen:	
Resilient Material:	
Glue:	
Binders:	10

COMMENTS: Paint included as binder.

It is certified by the signatures below that the laboratory identified is accredited by the National Institute of Standards and Technology for Polarized Light Microscopy (PLM) analysis under the EPA Interim Asbestos Bulk Sample Quality Assurance Program, Laboratory 102082-0.

Microanalyst:   
 Yelena Khanina

QCAlyst:   
 Svetlana Arkhipov

All percentages given are by volume visually estimated. All analyses are performed in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials, EPA/600/R-93/116, July 1993." This report must not be reproduced except in full with the approval of Analytical Environmental Services, Inc. These test results apply only to the samples actually tested. The refractive index was determined by using "Rapidly and Accurately Determining Refractive Indices of Asbestos Fibers by Using Dispersion Staining Method" by Shu-Chun Su, Ph.D.

**Analytical Environmental Servs, Inc.**

Date: 15-Jun-01

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<b>CLIENT:</b>	Environmental Assessments Inc.	<b>Client Sample ID:</b>	Interior paint-garage
<b>Lab Order:</b>	0106320	<b>Tag Number:</b>	
<b>Project:</b>	1201 W. No.Main St.	<b>Collection Date:</b>	6/1/01
<b>Lab ID:</b>	0106320-001A	<b>Matrix:</b>	PAINT

---

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL METALS IN PAINT</b>			<b>PAINT</b>			Analyst: CDW
Lead	0.0154	0.00858		wt%	1	6/14/01 2:05:00 PM

---

<b>Qualifiers:</b>	BRL - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

**Analytical Environmental Servs, Inc.**

Date: 15-Jun-01

---

<b>CLIENT:</b>	Environmental Assessments Inc.	<b>Client Sample ID:</b>	Exterior wood paint-garage
<b>Lab Order:</b>	0106320	<b>Tag Number:</b>	
<b>Project:</b>	1201 W. No.Main St.	<b>Collection Date:</b>	6/1/01
<b>Lab ID:</b>	0106320-002A	<b>Matrix:</b>	PAINT

---

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL METALS IN PAINT</b>		<b>PAINT</b>				Analyst: CDW
Lead	0.180	0.00889		wt%	1	6/14/01 2:05:00 PM

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<b>Qualifiers:</b>	BRL - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

**Analytical Environmental Servs, Inc.**

Date: 15-Jun-01

<b>CLIENT:</b>	Environmental Assessments Inc.	<b>Client Sample ID:</b>	Interior wood trim-house
<b>Lab Order:</b>	0106320	<b>Tag Number:</b>	
<b>Project:</b>	1201 W. No.Main St.	<b>Collection Date:</b>	6/1/01
<b>Lab ID:</b>	0106320-004A	<b>Matrix:</b>	PAINT

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL METALS IN PAINT</b>		<b>PAINT</b>				Analyst: CDW
Lead	1.63	0.0261		wt%	2.54	6/14/01 2:05:00 PM

<b>Qualifiers:</b>	BRL - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

**Analytical Environmental Servs, Inc.**

Date: 15-Jun-01

<b>CLIENT:</b>	Environmental Assessments Inc.	<b>Client Sample ID:</b>	Exterior wood trim-house
<b>Lab Order:</b>	0106320	<b>Tag Number:</b>	
<b>Project:</b>	1201 W. No.Main St.	<b>Collection Date:</b>	6/1/01
<b>Lab ID:</b>	0106320-003A	<b>Matrix:</b>	PAINT

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL METALS IN PAINT</b>		<b>PAINT</b>				Analyst: CDW
Lead	2.94	0.0303		wt%	3.09	6/14/01 2:05:00 PM

<b>Qualifiers:</b>	BRL - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

**Analytical Environmental Servs, Inc.**

Date: 15-Jun-01

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<b>CLIENT:</b>	Environmental Assessments Inc.	<b>Client Sample ID:</b>	Wall paint-house
<b>Lab Order:</b>	0106320	<b>Tag Number:</b>	
<b>Project:</b>	1201 W. No.Main St.	<b>Collection Date:</b>	6/1/01
<b>Lab ID:</b>	0106320-005A	<b>Matrix:</b>	PAINT

---

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>TOTAL METALS IN PAINT</b>			<b>PAINT</b>			<b>Analyst: CDW</b>
Lead	0.0353	0.00928		wt%	1	6/14/01 2:05:00 PM

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<b>Qualifiers:</b>	BRL - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

Analytical Environmental Servs, Inc.

Sample Receipt Checklist

Client Name ENV ASSESSMENTS

Date and Time Received

6/13/01 4:00:00 PM

Work Order Number 0106320

Received by

MKG

Checklist completed by

M. Karanc  
Signature

6/13/01  
Date

Reviewed by

MA  
Initials

6/14/01  
Date

Matrix:

Carrier name Client

- Shipping container/cooler in good condition? Yes  No  Not Presen
- Custody seals intact on shipping container/cooler? Yes  No  Not Presen
- Custody seals intact on sample bottles? Yes  No  Not Presen
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - pH acceptable upon receipt? Yes  No

Adjusted? \_\_\_\_\_ Checked b \_\_\_\_\_

Any No and/or NA (not applicable) response must be detailed in the comments section bel

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding \_\_\_\_\_

Comments: \_\_\_\_\_

Corrective Action \_\_\_\_\_

**APPENDIX U:**  
**Other**

**Not Applicable – Other Documentation, including Phase II ESA, was not needed for this DCA Phase I ESA.**

**GEC**