



ENVIRONMENTAL ASSESSMENT REPORT

Prepared For:

**US Army Corps of Engineers
Mobile District
P.O. Box 2288
Mobile, Alabama 36628**

On behalf of :

**King Consulting and Development Advisors, LLC
131 Prominence Court, Suite 230
Dawsonville, Georgia 30534**

and

**Hideaway Bay Marina
6334 Mitchell Street
Flowery Branch, Georgia 30542**

Prepared By:

**Mill Creek Environmental Services, Inc.
1818 Perimeter Road
Dawsonville, Georgia 30534**

**Jake Irwin, EP
Project Manager**

**Dan Centofanti, PG
Program Manager**

July 2015



TABLE OF CONTENTS

1.0 INTRODUCTION	1
1.1 SITE LOCATION.....	1
1.2 PROPOSED ACTIONS.....	1
1.3 PURPOSE AND NEED FOR THE PROPOSED ACTIONS	1
1.4 AUTHORITY	2
2.0 ENVIRONMENTAL SETTING WITHOUT THE PROJECT	2
2.1 GENERAL ENVIRONMENTAL SETTING	2
2.2 HISTORY OF THE SUBJECT PROPERTY	3
2.3 SIGNIFICANT RESOURCES DESCRIPTION	3
2.3.1 <i>Water Quality</i>	3
2.3.2 <i>Fishery Resources</i>	3
2.3.3 <i>Wildlife Resources</i>	5
2.3.4 <i>Wetlands</i>	5
2.3.5 <i>Endangered Species</i>	5
2.3.6 <i>Historic and Archeological Resources</i>	6
2.3.6.1 <i>Limited Cultural Resources Review</i>	6
2.3.6.2 <i>Phase I Archeological Survey</i>	6
2.3.7 <i>Navigation</i>	7
2.3.8 <i>Recreation</i>	7
2.3.9 <i>Socioeconomic Resources</i>	7
2.3.10 <i>Hazardous and Toxic Materials</i>	7
3.0 DESCRIPTION OF THE RECOMMENDED PLAN.....	8
4.0 ENVIRONMENTAL IMPACT OF THE RECOMMENDED PLAN.....	8
4.1 BIOLOGICAL AND PHYSICAL IMPACTS	8
4.1.1 <i>Land Use Changes</i>	10
4.1.2 <i>Historic and Archeological Resources</i>	10
4.1.3 <i>Endangered and Threatened Species</i>	10

4.1.4	<i>Recreation</i>	11
4.1.5	<i>Air Quality and Noise</i>	11
4.1.6	<i>Water Quality</i>	11
4.1.7	<i>Wetlands</i>	12
4.1.8	<i>Floodplain Impacts</i>	12
4.1.9	<i>Aesthetics</i>	12
4.1.10	<i>Socioeconomic Resources</i>	12
4.1.11	<i>Environmental Justice and the Protection of Children</i>	12
4.1.12	<i>Prime and Unique Farmland</i>	13
4.1.13	<i>Hazardous and Toxic Materials</i>	13
4.1.14	<i>Cumulative Impacts</i>	13
5.0	IRREVERSABLE OR IRRETRIVABLE COMMITMENTS	13
6.0	ADVERSE ENVIRONMENTAL IMPACTS WHICH CANNOT BE AVOIDED	14
7.0	THE RELATIONSHIP BETWEEN LOCAL SHORT-TERM USES OF MAN'S ENVIRONMENT AND MAINTENANCE AND ENHANCEMENT OF LONG-TERM PRODUCTIVITY	14
8.0	ALTERNATIVES TO THE RECOMMENDED PLAN	14
9.0	AGENCY COORDINATION	15
10.0	REFERENCES	16

LIST OF TABLES

Table 1: Fish Species in Lake Sidney Lanier

Table 2: Partial list of Restoration Species

LIST OF FIGURES

Figure 1: Site Location Map

Figure 2: USGS Topographic Map

Figure 3: Aerial Photo

Figure 4: Master Plan

LIST OF APPENDICES

Appendix A: Site Photographs

Appendix B: Historical Aerial Photographs

Appendix C: EDR NEPAcheck Database Report

Appendix D: Protected Species Database Review Summary

Appendix E: Agency Coordination Letters

Appendix F: EDR Environmental Database Report

1.0 INTRODUCTION

Mill Creek Environmental Services, Inc. has been retained by King Consulting and Development Advisors, LLC to complete an Environmental Assessment (EA) report for proposed improvements at Hideaway Bay Marina (formerly Starboard Harbor Marina) in Flowery Branch, Hall County, Georgia. The purpose of this report is to evaluate the potential environmental impact of the proposed changes to the master plan for Hideaway Bay Marina. This report is being prepared so that changes to the master plan may be made in compliance with the National Environmental Policy Act (NEPA) as implemented by the United States Army Corps of Engineers (USACE).

1.1 Site Location

Hideaway Bay Marina (the Subject Property) is located at 6334 Mitchell Street in Flowery Branch, Hall County, Georgia. The geographic coordinates for this site are latitude 34° 11' 1.32" N and longitude 83° 56' 16.44" W. The Subject Property is approximately 35.79 acres and is situated adjacent to Lake Sidney Lanier in the Chattahoochee River watershed on land leased from the USACE. Lake Sidney Lanier forms the northern and western boundaries of the Subject Property. The Subject Property is bordered by Mitchell Street and residential properties to the east and by Flowery Branch Park on the south. The City of Flowery Branch is located approximately 0.75-mile northeast of the Subject Property. Interstate 985 (Exit 12) is located approximately 1.25-miles east of the Subject Property. A site location map is included as **Figure 1**. A USGS 7.5-minute topographic quadrangle map of the Subject Property is included as **Figure 2**. An aerial photograph of the Subject Property is included as **Figure 3**.

1.2 Proposed Actions

The Subject Property is currently being operated as a full-service marina with wet slips, dry storage areas, boat washing area, fuel dock, maintenance area, restaurant, and sales office. Proposed actions at the Subject Property include upgrades to the existing infrastructure (expansion of the sales office, showroom, and restaurant, modifications to the boat sales dock, and addition of security features such as gated access and secure parking areas), construction of additional facilities (covered boat storage facilities, security office, swimming pool and bath house pavilion, new restaurant/lodge and courtesy dock, additional parking areas, additional slips, and commercial dock and building), and expansion of existing trailer storage areas and parking lots. Additional activities include the revegetation of two previously disturbed areas. The proposed actions are discussed in greater detail in Section 2.1 of this report and are illustrated in the Master Plan included as **Figure 4**.

1.3 Purpose and Need for the Proposed Actions

The purpose of the proposed action is to update existing features and to add new features to the marina. These actions are needed to allow the marina to operate more efficiently, to remain competitive in the growing market for dock space and service facilities for recreational watercraft, and to continue to serve the boating public in the North Atlanta metro area.

1.4 Authority

As noted in the Final Environmental Impact Statement, Table 1-1 for Lake Sidney Lanier (USACE, 2003) the USACE is authorized to allow the construction, operation, and maintenance of recreational facilities on Lake Lanier by the 1944 Flood Control Act, as amended, United States Code Title 16 Section 460d (Construction and Operation of Public Parks and Recreational Facilities in Water Resource Development Projects, etc.).

2.0 ENVIRONMENTAL SETTING WITHOUT THE PROJECT

2.1 General Environmental Setting

The Subject Property consists of a mixture of developed and undeveloped land with a total area of approximately 35.79 acres. The Subject Property is currently being operated as Hideaway Bay Marina (formerly known as Starboard Harbor Marina) located at 6334 Mitchell Street in Flowery Branch. Land surface elevations at the subject property range from approximately 1,070 feet above mean sea level (msl) to approximately 1,150 feet msl.

The southeastern portion (approximately 17 acres) of the Subject Property is developed with the existing marina and associated structures. These include a restaurant, office, trailer storage areas, parking areas, bathhouse and restroom facility, maintenance shop, boat washing area, and other improvements. Ground cover is a mixture of pavement, gravel, and landscaped areas. Subsurface features include a septic system drain field, a 10,000-gallon underground storage tank (UST) containing gasoline, and a cistern to collect and store gray water from the boat washing operation. Eight floating docks are moored along the western edge of the Subject Property to serve as covered berths for recreational watercraft. A gas dock and boat ramp are located to the north of the floating docks. This portion of the Subject Property is relatively flat with elevations ranging from 1070 feet msl to 1090 feet msl sloping gradually to the west.

The northwestern portion of the Subject Property (approximately 19 acres) is an undeveloped, wooded area consisting of a mixed pine and hardwood community typical of the surrounding area. This portion of the property is a small hill with elevations ranging from 1,070 feet msl to 1,150 feet msl sloping on all sides towards Lake Lanier and surrounding properties. This area is almost entirely undisturbed except for a dirt road that runs from the Lake Lanier on the west side of the Subject Property to the boat storage area on the east side of the Subject Property. Photographs of the Subject Property are included in **Appendix B**.

The Subject Property is situated in the Piedmont Physiographic Province of North Georgia. Rock types of the piedmont generally include gneiss, schist, granite, and amphibolite. Generally, groundwater in the Piedmont flows from highlands to lowlands and discharges to streams, lakes, or wetlands. The direction of groundwater flow at the site is unknown, but based on the topography of the site, the general direction of groundwater flow in the area is estimated to be to the west, toward the stream channel.

In 2012, a small area was cleared in the northwestern portion of the subject property to place dredging material. These activities were conducted without first obtaining corresponding USACE permits, and the Subject Property Owner has agreed to restore the area with a native mix of grasses, shrubs and

trees appropriate for the site. This restoration will be conducted as part of this master plan update and will occur under the supervision of a Regional Landscape Architect at the Buford Office who will coordinate preparation of a Planting Plan and planting activity.

2.2 History of the Subject Property

Prior to completion of Buford Dam and the creation of Lake Lanier in 1957, the Subject Property was undeveloped agricultural land. It is assumed that agricultural use of the Subject Property ended upon acquisition of the land by the Federal government. The Subject Property remained undeveloped until approximately 1970, when a lease was granted for the construction of a commercial marina. The Subject Property has been operated as a marina by various leaseholders from that time until the present.

Based on a review of historical aerial photos, the Subject Property has remained in the same general configuration since the marina was first constructed. Although numerous improvements to the property are evident in the aerial photos during the years between 1970 and 2012, development at the Subject Property appears to have been limited to the southeastern portion of the Subject Property while the northwestern portion has remained wooded and undisturbed. Historical aerial photos are included in **Appendix A**.

2.3 Significant Resources Description

2.3.1 Water Quality

The Subject Property is bordered by Lake Lanier to the north and west and is situated in the Upper Chattahoochee River Watershed. At the time of the on-site investigation, the level of Lake Lanier was 1,058 feet msl (13 feet below the normal conservation pool elevation of 1,071 feet msl). The shoreline/lake bottom interface in this area was well defined. No springs or perennial or intermittent streams were identified in the project area.

The current designated uses of Lake Lanier are recreation and drinking water. The Georgia Environmental Protection Division (GA EPD) monitors several sites on Lake Lanier for water quality. According to the 2012 integrated 305(b)/303(d) list of impaired waters, Lake Lanier at Flowery Branch (the closest sample site to the subject property) was listed as supporting its designated uses. This area of the lake had previously been listed as impaired because *Chlorophyll a* levels surpassed the state minimum standards (GA EPD 2013).

2.3.2 Fishery Resources

Lake Lanier is approximately 38,000 acres with approximately 692 miles of shoreline at full pool. It supports cool water and warm water fisheries and receives heavy fishing pressure. Lake Lanier's cool water fishery is supported through the Wildlife Resources Division's (WRD) Striped bass and Walleye stocking program. Among the species found there, Spotted bass, Striped bass, Largemouth bass, White bass, Walleye and Black crappie are the most commonly found sport fish. A species table compiled from the Georgia Department of Natural Resources (GS DNR) sampling data is detailed

below.

Table 1: Fish Species in Lake Sidney Lanier

Common Name	Scientific Name	Family
Apalachicola redhorse	<i>Moxostoma sp.</i>	Catostomidae
Black bullhead	<i>Ameiurus melas</i>	Ictaluridae
Black crappie	<i>Pomoxis nigromaculatus</i>	Centrarchidae
Blueback herring	<i>Alosa aestivalis</i>	Clupeidae
Bluegill	<i>Lepomis macrochirus</i>	Centrarchidae
Brown Bullhead	<i>Ameiurus nebulosus</i>	Ictaluridae
Channel catfish	<i>Ictalurus punctatus</i>	Ictaluridae
Common carp	<i>Cyprinus carpio</i>	Cyprinidae
Gizzard shad	<i>Dorosoma cepedianum</i>	Clupeidae
Largemouth bass	<i>Micropterus salmoides</i>	Centrarchidae
Longnose gar	<i>Lepisosteus osseus</i>	Lepisosteidae
Redbreast sunfish	<i>Lepomis auritus</i>	Centrarchidae
Redear sunfish	<i>Lepomis microlophus</i>	Centrarchidae
Snail Bullhead	<i>Ameiurus brunneus</i>	Ictaluridae
Spotted bass	<i>Micropterus punctulatus</i>	Centrarchidae
Spotted sucker	<i>Minytrema melanops</i>	Catostomidae
Striped bass	<i>Morone saxatilis</i>	Moronidae
Walleye	<i>Sander vitreus</i>	Percidae
White bass	<i>Morone chrysops</i>	Moronidae
White catfish	<i>Ameiurus catus</i>	Ictaluridae
Yellow perch	<i>Perca flavescens</i>	Percidae

2.3.3 Wildlife Resources

The northeastern portion of the Subject Property (approximately 19 acres) is an undeveloped and wooded area consisting of a mixed pine and hardwood community with a variety of native and non-native woody and herbaceous species. Tree species identified on the undeveloped portion of the Subject Property include Red Oak (*Quercus rubra*), White Oak (*Quercus alba*), White Pine (*Pinus strobes*), Loblolly Pine (*Pinus taeda*), Shagbark Hickory (*Carya ovata*), Red Maple (*Acer rubra*), Flowering Dogwood (*Coruns florida*), Sourwood (*Oxydendrum arboreum*), Wild Cherry (*Prunus serotina*), Tulip Poplar (*Liriodendron tulipifera*), Sweet Gum (*Liquidambar styraciflua*), and American Hornbeam (*Ostrya virginiana*). Shrub and herbaceous species include Greenbriar (*Smilax bona-nox*), Common Ivy (*Hedera helix*), Mountain Laurel (*Kalmia latifolis*), Christmas Fern (*Polystichum acrostichoides*), Dog Fennel (*Eupatorium capillifolium*), Smooth Sumac (*Rhus glabra*), Johnson Grass (*Sorghum halepense*), Pokeweed (*Phytolacca Americana*), and Fescue (*Festuca spp.*)

The southwestern portion of the Subject Property (approximately 17 acres) consists of a mixture of man-made features such as buildings, pavement, and landscaping and has been almost entirely altered from its natural state through the years of its use as agricultural and commercial land. It is assumed that a variety of small mammals, birds, and reptiles utilize both portions of the Subject Property.

No unique or unusual terrestrial habitat was observed at the Subject Property.

2.3.4 Wetlands

No hydric soils, vegetation, or hydrologic features associated with wetlands were identified at the Subject Property. A review of the National Wetlands Inventory (NWI) maintained by the United States Fish and Wildlife Service indicates that the only wetlands in the vicinity of the Subject Property exist beneath the normal conservation pool elevation of Lake Lanier.

No creeks, springs, or wetland areas were identified on the Subject Property. No unique or unusual aquatic habitat was observed at the Subject Property. NWI data is included in **Appendix C**.

2.3.5 Endangered Species

A literature review was conducted to determine which State or Federally listed protected, endangered, proposed endangered, vulnerable, rare, or unusual plant and animal species were known to occur in Hall County and surrounding counties. The literature review included databases maintained by the Georgia Department of Natural Resources (DNR) Wildlife Resources Division and the United States Fish and Wildlife Service (USFWS). A list of each protected species and their preferred habitat was compiled. This list can be found in **Appendix D**.

A field survey was conducted on November 19, 2012 by MCES staff biologist Kerry Benson to determine whether habitat suitable for any of the listed species was present at the Subject Property. Results of the site investigation indicated that suitable habitat for one species of bird listed with the State of Georgia as endangered (Bald Eagle (*Haliaeetus leucocephalus*)) was present. Although the Bald Eagle was removed from the Federal list of threatened and endangered species in 2007, it is still Federally protected under the

Bald and Golden Eagle Protection Act of 1940. Suitable habitat was also found for one plant species listed as rare with the State of Georgia (Indian Olive (*Nestronia umbellula*)) and one Federally listed endangered species, Michaux's Sumac (*Rhus michauxii*). None of the aforementioned species were observed during the field survey. Results of the habitat survey are included in **Appendix D**.

2.3.6 Historic and Archeological Resources

2.3.6.1 Limited Cultural Resources Review

A limited review of available literature was conducted by R.S. Webb and Associates of Holly Springs, Georgia to determine whether any archeological sites or historic structures were present at the Subject Property or in the near vicinity. Information sources reviewed included the Georgia Archeological Site File (GASF), the National Register of Historic Places (NRHP) files, Hall County historic resources survey files, and Identified Sites files at the Georgia Department of Natural Resources, Historic Preservation Division (HPD) office in Atlanta. Georgia's Natural, Archeological, and Historic Resources Geographic Information System (NAHRGIS) were also consulted to confirm the presence or absence of historic resources in the project vicinity. No previous Phase I Cultural Resource Surveys for the project area were available for review. This level of effort was considered sufficient to meet the requirements of 40 CFR Part 800.4(b)(1) (Identification of Historic Properties) based on the magnitude and nature of the undertaking, the nature and extent of potential effects on historic properties, and the likely nature and location of historic properties within the area of potential effects.

The results of the literature review indicated that there are no NRHP-listed properties, recorded historic properties, or recorded archeological sites located within the proposed Hideaway Bay Marina project boundaries. Several recorded historic properties and one NRHP-listed historic district are located within the city limits of Flowery Branch, located approximately 800 feet or more from the project area. The nearest recorded cultural resources to the project area were identified during a 1953 survey commissioned by the USCOE prior to the construction of Buford Dam (Caldwell, 1953) and are located approximately 700 feet northeast and southwest of the project area.

2.3.6.2 Phase I Archeological Survey

A Phase I archeological survey was conducted by Southeastern Archeological Services, Inc. (SAS) of Athens, Georgia in December of 2014 in response to a request from the USACE. The purpose of the survey was to provide field-level reconnaissance and evaluate any archeological sites within the marina property boundaries so that the potential impacts of the proposed project on those sites could be evaluated in accordance with Section 106 of the National Historic Preservation Act (NHPA) of 1966. Because this survey was to be conducted on federal land, SAS obtained an Archeological Resources Protection Act (ARPA) permit from the USACE (Permit #DACWO1-4-15-0622).

Prior to the field survey, SAS conducted a review of the Limited Cultural Resources Review discussed in Section 2.3.6.2 of this report. In addition, SAS completed additional research using the University of Georgia library's map collection to determine whether houses or other structures were located within or near the project area prior to the completion of Buford Dam and inundation by the lake. No additional information was identified that would impact the findings of the Limited Cultural Resources Review.

The field survey was conducted on December 4, 2014. The survey consisted of a discussion with the marina manager regarding the development of the subject property, a visual inspection of both the developed and undeveloped areas of the property, and completion of a total of thirty-one (31) shovel tests at locations selected based on topography, land use, and development history. No archeological sites, features, or artifacts were observed.

Based on the results of the literature review and the Phase I Archeological Survey, USACE concluded that the project area contains no archeological resources or other resources eligible for listing in the National Register of Historic Places (NRHP) and has made a “No Effect” determination regarding cultural resources within the project area.

2.3.7 Navigation

Navigation is one of the primary uses of Lake Lanier, however, the subject property and the proposed improvements do not occur within the main navigation channel.

2.3.8 Recreation

Lake Lanier is heavily used for recreation with approximately 76 recreational facilities on the Lake. Of those facilities, there are 46 parks operated by the USACE, ten marinas and Lake Lanier Islands Resort. Flowery Branch Park borders the subject property to the south. Common recreational activities include water sports, fishing, motorized and non-motorized boating, and swimming.

2.3.9 Socioeconomic Resources

Hall County, Georgia is approximately 392 square miles and the 2012 estimated population is 185,416. The median household income reported in 2011 is \$52,050, which is slightly higher than the US national average reported at \$50,054. Industry in Hall County is a mix of 26.1% goods and 57.8% services. Services include healthcare (14.8%) retail trade (10.8%), hospitality (7.6%), wholesale trade (5.1%) and financial services (4.6%). Government accounts for the remaining 14% (Hall County Chamber of Commerce). The June 2013 unemployment rate in Hall County was 6.9%, lower than the national average at 7.6% (US DOL).

2.3.10 Hazardous and Toxic Materials

No evidence of illegal dumping, storage, or disposal of hazardous or toxic materials was observed during on-site investigation or during reviews of historical aerial photographs. A review of Federal and State environmental databases did not identify any current or historical use or disposal of hazardous substances or any record of releases or violations with respect to hazardous substances.

One 10,000-gallon double-walled fiberglass underground storage tank (UST) containing gasoline is present at the Subject Property. This UST is used to store fuel for the gas dock and is located to the north of the existing gas dock and restaurant. The environmental database review indicates that this tank is registered with the Georgia EPD under Facility ID #00690069. The database review also indicates that two previous releases of gasoline have been reported at the Subject Property, one confirmed and one suspected. In each instance, the site received “No Further Action Required” status following an

investigation.

3.0 DESCRIPTION OF THE RECOMMENDED PLAN

Hideaway Bay Marina currently has 516 wet slips at eight floating docks. The proposed update to the master plan includes the addition of two floating docks containing 96 wet slips to bring the total capacity to 612 wet slips. The marina also has a dry slip capacity of 263 slips, for a total of 875 slips. The parking space to slip ratio for the updated master plan is 0.71 and the boat density calculation is 25 boats per acre, calculations are shown on **Figure 4**. To accommodate the additional slips, the updated plan includes a minor reconfiguration of the existing dock layout to allow for more efficient use of the available space.

Elsewhere on the Subject Property, the updated master plan calls for expansion of the dry storage area to the north of the existing office and restaurant building, construction of a security office and installation of security gates at the entrances to the parking area in the central portion of the property, construction of a covered dry storage facility and swimming pool on the southern portion of the property, construction of a sales building at the gas dock, and construction of a commercial dock and sales building to the north of the gas dock. A restaurant and lodge with an associated parking lot and courtesy dock is proposed on the undeveloped northern portion of the marina.

Proposed additions and improvements to existing features include upgrades to the existing office and restaurant building. These improvements involve an addition to the north side of the existing building to increase the interior space, expansion of the patio area on the south side of the restaurant, construction of an enclosure around the existing restaurant patio, and a reconfiguration of the existing parking areas. The updated Master Plan showing the existing features and proposed improvements is included as **Figure 4**.

The land disturbing activities proposed in the updated master plan will be conducted in accordance with the provisions of the Georgia Erosion and Sedimentation Control Act, the National Pollution Discharge Elimination System (NPDES), and all applicable county and local land disturbing activity ordinances. Erosion control measures and best management practices (BMPs) will be implemented to minimize the impact of the proposed activities to the waters of Lake Lanier. Temporary erosion control measures including silt fencing, temporary ground cover and check dams (where applicable) will be utilized during the active phase of construction activities and will be followed by the establishment of permanent vegetation in remaining areas of disturbance. Native species will be used to revegetate the restoration areas described in Section 2.1. Newly disturbed areas as part of the proposed construction will be permanently revegetated with either native species, landscaping or a mix thereof. The need for permanent storm water detention structures is not anticipated. Potential impacts to Lake Lanier appear to be minimal.

4.0 ENVIRONMENTAL IMPACT OF THE RECOMMENDED PLAN

4.1 Biological and Physical Impacts

Minimal but unavoidable environmental impacts are anticipated if the recommended alternative is implemented. Approximately 3.4-acres of land would be developed in previously unimpacted areas,

reducing the amount of forested land and understory vegetation. However, approximately 0.4-acres of previously disturbed area would be permanently revegetated with native species as part of a restoration agreement made between USACE and the landowner. A list of example species that may be used are detailed in the table below, but it should be noted that the Regional Landscape Architect at the Buford office will coordinate the preparation of a Planting Plan and any planting activity.

Table 2: Partial List of Restoration Species

Common Name	Scientific Name
Red Oak	<i>Quercus rubra</i>
Tulip Poplar	<i>Liriodendron tulipifera</i>
Water Oak	<i>Quercus nigra</i>
Red Maple	<i>Acer rubrum</i>
Sourwood	<i>Oxydendrum arboreum</i>
Eastern Redbud	<i>Cercis canadensis</i>
Flowering Dogwood	<i>Cornus florida</i>

None of the actions proposed in the updated master plan have the potential to negatively impact or to be limited by the regional geologic and hydrogeologic features in the project area.

Based on review of information available from the USDA Soil Conservation Service, the most common soil types found in the vicinity of the Subject Property belong to the Altavista, Cecil, Madison, and Cartecay soil series. These are loamy soils with varying amounts of sand, clay, and silt. Altavista and Cartecay soils are assigned to Hydrologic Group “C” and typically exhibit slow infiltration rates. Cecil and Madison soils are assigned to Hydrologic Group “B” and typically exhibit moderate infiltration rates.

Because soils in hydrologic groups “B” and “C” have moderate to poor infiltration rates, there is a potential for significant storm water runoff and soil erosion in areas disturbed by development activities. However, if adequate sediment and erosion control measures are implemented prior to land disturbing activities and if undisturbed buffers are maintained between the project areas and the lake, soil erosion and storm water runoff impacts can be minimized.

With proper planning and implementation, none of the actions proposed in the updated master plan appear to be limited by the soil types present in the project area. Best management practices will be utilized to protect nearby water resources.

The remaining improvements would take place in the existing marina area. The addition of dock space is not anticipated to interfere with navigation because the marina is located in a cove with no boat traffic upstream of the marina and the docks are located within the established cove encroachment limits. Although the capacity of the marina would increase under this option, day-to-day operations would not substantially change and minimal noise, air quality, and vehicle traffic impacts are

anticipated. Under this option, the marina owners and their customers would obtain the maximum economic and recreational benefit from this project.

4.1.1 Land Use Changes

A review of literature was combined with an on-site investigation to document existing site conditions and to determine if the proposed actions have the potential to substantially impact the ecological resources or biotic communities at the Subject Property. As noted in Sections 2.1 and 2.2 of this report, the southeastern portion of the property is almost completely developed and has a history of use as cultivated agricultural land prior to construction of the existing marina while the northwestern portion has remained undeveloped throughout the history of the Subject Property.

The proposed upgrades to the existing master plan are consistent with the existing land use at the subject property and these upgrades aim to enhance the recreational opportunities and public facilities found there. As noted in Section 4.1 above, minimal environmental impacts are expected from the proposed upgrades and any negative impacts as a result of the improvements are expected to be offset by the improved public services, facilities and amenities afforded by the proposed updated master plan.

4.1.2 Historic and Archeological Resources

A limited review of available literature was conducted by R.S. Webb and Associates of Holly Springs, Georgia. The literature review did not identify any archeological sites or historic structures within or in the near vicinity of the project area. A Phase I archeological survey was conducted by Southeastern Archeological Services, Inc. of Athens, Georgia. The findings of both the literature review and the archeological survey indicate that no archeological resources or other resources eligible for listing in the National Register of Historic Places are located within the project area.

No cultural resources will be impacted by the proposed actions. Agency coordination letters are included in **Appendix E**.

4.1.3 Endangered and Threatened Species

A literature review was conducted to determine which State or Federally listed species occur in Hall County, GA. Following the review of literature, a field survey was conducted by a biologist to determine whether habitat suitable for any of the listed species was present at the Subject Property. No State or Federally listed threatened, endangered or rare species were located on the property, but the habitat is suitable for one species of bird listed with the State of Georgia as endangered (Bald Eagle (*Haliaeetus leucocephalus*)). Although the Bald Eagle was removed from the Federal list of threatened and endangered species in 2007, it is still Federally protected under the Bald and Golden Eagle Protection Act of 1940. Suitable habitat was also found for one plant species listed as rare with the State of Georgia (Indian Olive (*Nestronia umbellula*)) and one Federally listed endangered species, Michaux's Sumac (*Rhus michauxii*). None of the listed species were observed during the field survey.

Due to the limited amount of land disturbing activity and related environmental impacts proposed at the Subject Property, the proposed actions will not have a significant impact on any of the protected species or their habitat. A summary of the protected species review is included in **Appendix D**.

4.1.4 Recreation

No adverse impacts are expected from implementation of the recommended plan. In fact, recreation is expected to be enhanced with upgrades to Hideaway Bay Marina because there will be more dock space and expanded facilities for recreational lake users.

4.1.5 Air Quality and Noise

The Subject Property is situated within 0.5-mile of two busy roads (State Route 13 to the south and McEver Road to the north). In addition, an active rail line is located approximately 0.25-mile to the south of the Subject Property. Although construction activities, increased vehicle traffic, and increased marina usage may result in a slightly higher level of noise and vehicle exhaust emissions it appears that these impacts will be minor in comparison to the noise levels produced by the existing features at and near by the Subject Property. None of the proposed actions will produce additional regular or long-term air emissions regulated by State or Federal law. None of the proposed actions will produce noise in violation of USACE “quiet hours” policies or Hall County’s noise ordinance.

The proposed actions will not significantly alter the existing noise levels or air quality at the Subject Property.

4.1.6 Water Quality

Shoreline protection measures (rip-rap) are already in place in the existing marina area. These measures, combined with the low speed of boat traffic in the area, prevent shoreline erosion and the resulting sedimentation of the lake. The existing measures appear to be sufficient to control shoreline erosion even when the additional volume of boat traffic resulting from the expansion of the dock area is considered. If it is determined that additional shoreline protection is required near the proposed dock area on the north side of the Subject Property or in the existing dock area, the responsible party will obtain a permit from the USACE prior to the beginning of construction activities. As previously mentioned, appropriate control measures will be taken onsite before, during and after construction activities to prevent erosion and subsequent sedimentation of Lake Lanier.

If best management practices and proper erosion and sediment control measures are implemented, construction activities are not expected to affect fisheries in Lake Lanier either. Planned marina upgrades include additional floating dock space and minor reconfiguration of existing docks. This work will be completed out of the main navigation channel and is expected to have very little to no affect on fish resources because this work does not require lake bottom disturbance and no additional shoreline habitat disturbance.

Increased boat traffic will likely result from the expanded marina space and this may cause an impact to the fish resources of Lake Lanier, however, the benefits of increased capacity at the marina for recreational fisherman and other lake users is expected to outweigh the potential impacts and diffuse current problems associated with overcrowding at the marina.

It does not appear that the actions proposed in the updated master plan will have a negative effect on the water quality or fish fauna of Lake Lanier.

4.1.7 Wetlands

An onsite investigation conducted as a part of this assessment indicated that no wetlands are located on the subject property. No hydric soils, vegetation, or hydrologic features associated with wetlands were identified at the Subject Property. Therefore, the recommend upgrades to the master plan are not expected to impact any wetlands.

4.1.8 Floodplain Impacts

A review of the FEMA Flood Insurance Rate Map for the Subject Property (Panel 13139C) indicates that the southeastern portion of the property lies within the 100-year flood zone. This flood zone corresponds with an elevation of 1,085 feet msl, which is the maximum emergency pool elevation established for Lake Lanier. The highest historically recorded level for Lake Lanier was 1,077 feet msl in 1964.

Several of the proposed actions involve additions and improvements within the 100-year flood plain. However, lake levels are ultimately controlled by Buford Dam and it does not appear that the proposed actions will increase flood frequency or severity downstream of the project area. Although it is possible for Hideaway Bay Marina to become partially flooded by Lake Lanier, it does not seem likely based on the ability of Buford Dam to maintain lake elevations at or near the conservation pool elevation of 1,071 feet msl. Flood plain maps are included in **Appendix C**.

4.1.9 Aesthetics

The proposed additions to the marina at the Subject Property will be designed to match the existing structures. Where land disturbing activities such as clearing and grading are necessary the impacts will be minimal and the disturbed areas will be restored with landscaping or other permanent vegetation as appropriate.

The proposed actions will not significantly alter the aesthetic quality of the Subject Property.

4.1.10 Socioeconomic Resources

Lake Lanier attracts approximately 1.6 million users annually. Total visitor spending was estimated at \$180.2 million by the USACE in 2006. According to the Georgia DNR's Wildlife Resources Division (WRD), resident and non-resident anglers spend approximately \$569 million annually fishing in Georgia's waters and the economic effect of anglers is about \$1.5 billion. Georgia currently has a "Go Fish" initiative with the goals of improving the quality of fishing in Georgia waters, improving access to water bodies for fishing in Georgia, and increasing participation in fishing through active promotion and marketing of Georgia's exceptional fishing resources. Expansion of the facilities at Hideaway Bay Marina contributes positively to these goals and has the potential to increase the economic impact to the surrounding community with the addition of the planned restaurant and lodge and other facilities described in Section 3.3.

4.1.11 Environmental Justice and the Protection of Children

Executive Order (EO) 12898, February 11, 1994, requires addressing, as appropriate, disproportionately

high and adverse human health or environmental effects of Federal action on minority and low income populations. EO 13045, April 21, 1997, requires, to the extent permitted by law and mission, identifying and assessing environmental health and safety risks to children posed by the proposed action. The proposed changes to the Hideaway Bay Marina master plan do not create disproportionately high and/or adverse human health or environmental effects in minority or low-income populations because no residential properties will be impacted by the proposed project. Construction activities could pose a safety hazard to children and it is recommended that construction areas be clearly marked and fenced off from visitors. If possible, construction activities may also be conducted in the “off-season” when recreational use is lower to limit the potential for unattended children to wander into construction areas.

4.1.12 Prime and Unique Farmland

There are no prime farmlands or unique agricultural lands located on the Subject Property or in the immediate vicinity.

4.1.13 Hazardous and Toxic Materials

None of the proposed actions involve the use, storage, or disposal of hazardous or toxic materials. The proposed actions do not include any modifications to the fuel system at the gas dock. Therefore, the proposed actions do not have the potential to create hazardous or toxic waste at the Subject Property. A copy of the Federal and State database review is included in **Appendix F**.

4.1.14 Cumulative Impacts

The proposed modifications to the master plan will result in the disturbance of approximately 3.4-acres of previously undeveloped land as well as a number of additions and upgrades to existing facilities. These upgrades include the expansion of the restaurant and office building, the construction of a new restaurant and associated amenities, the construction of a security office, sales building, and swimming pool/bath house facilities, the installation of security gates to limit access to the parking areas, and the expansion of the dry storage and wet slip capacity of the marina. Best management practices to control erosion and vegetative restoration in the area previously disturbed at the subject property will likely minimize temporary construction impacts. Based on the proposed modifications to the master plan, this Environmental Assessment has not identified any significant cumulative environmental impacts that would be created by implementation of the updated plan.

5.0 IRREVERSABLE OR IRRETRIVABLE COMMITMENTS

Irreversible or irretrievable commitments of resources which would be involved should the proposed action be implemented have been considered. Such commitments of resources associated with the proposed updates to the master plan include the conversion of 3.4-acres of mixed pine and hardwood forest from wooded upland habitat to long-term business use, the expenditure of non-renewable resources such as the fossil fuels and building materials used during construction of the new facilities, and the increased use of non-renewable energy associated with the addition of the restaurant, office, bath house, and swimming pool facilities.

6.0 ADVERSE ENVIRONMENTAL IMPACTS WHICH CANNOT BE AVOIDED

Several types of environmental impacts may occur if the proposed actions are implemented, including minor increases in noise and vehicle emissions, the potential for impacts to water quality due to storm water runoff and sedimentation, and the clearing and grading of 3.4-acres of previously undisturbed land. These minor impacts will be mitigated by the increased recreational opportunities for the boating public and growth of revenue for the marina. The potential minor impacts associated with this project are short-term and easily minimized through careful planning and implementation of the proposed actions.

7.0 THE RELATIONSHIP BETWEEN LOCAL SHORT-TERM USES OF MAN'S ENVIRONMENT AND MAINTENANCE AND ENHANCEMENT OF LONG-TERM PRODUCTIVITY

The proposed project constitutes a long-term use of man's environment with minimal environmental impacts and increased long-term productivity through expanded recreational opportunity. Increased capacity and facilities at the subject property will boost the local economy by attracting more recreational users, potentially creating more jobs and contributing positively to the economic growth of the surrounding area. The proposed project is compatible with current surrounding land use in the area and region.

8.0 ALTERNATIVES TO THE RECOMMENDED PLAN

Two additional alternatives were considered in development of this plan:

- Alternative #1: No Action,
- Alternative #2: Proceed, But With Modifications to the Proposed Actions.

Alternative 1: No Action

Under the “No Action” alternative, the proposed updates to the master plan would not be implemented. The Subject Property would remain in use as a commercial marina operating at maximum capacity with aging and outdated infrastructure. There would not be any new environmental impacts under this alternative. However, the operators of the marina would also not benefit from the growth in revenue generated from increased boat storage, docking, and service capacity and the boating public would not benefit from a more modern facility with additional amenities.

Alternative 2: Proceed, But With Modifications to Proposed Actions

Under the “Proceed With Modifications” Plan, the proposed master plan would be modified to eliminate all new structures and land disturbing activities and would be limited to repairs and upgrades to existing structures. This alternative would limit the potential for impact from new construction activities, but this alternative offers no opportunity for the marina owners to increase their revenue or operating capacity and no opportunity for the boating public to take advantage of new recreational facilities. It is uncertain whether it would be economically feasible to proceed with this option without the additional dry storage and dock capacity.

9.0 AGENCY COORDINATION

Coordination was conducted with the following individuals and agencies:

- Micheal Federoff, USACE, Mobile District;
- Dr. David Crass, Division Director, Georgia State Historic Preservation Office;
- Honorable Bill Anoatubby, Tribal Governor, the Chickasaw Nation;
- Honorable Michael Hicks, Principal Chief, Eastern Band of the Cherokee Nation;
- Honorable George Tiger, Principal Chief, Muscogee (Creek) Nation;
- Honorable Buford Rolin, Chairman, Poarch Band of Creek Indians;
- Honorable George Scott, Town King, Thlopthlocco Tribal Town; and,
- Mr. Greg Pyle, Chief, Choctaw Nation of Oklahoma

Following review of the Phase I Archeological Survey, USACE issued a finding of “No Effect” and requested minor revisions to the format of the report. Coordination letters requesting comments on the “No Effect” determination were provided by USACE to each of the individuals listed above. As of March 13, 2015 (one day prior to the end of the comment period), USACE had received a concurrence email from the Chickasaw Nation and no response from the remaining individuals and agencies. An additional response letter was received from the State Historic Preservation Office (SHPO) dated April 8, 2015. The SHPO letter concurred with the finding of “No Effect” and contained additional comments regarding the content of the Phase I Archeological Survey. The SHPO comments were addressed by Southeastern Archeological Services in June of 2015. Copies of all agency coordination letters and correspondence provided to MCES are included in **Appendix E**.

10.0 REFERENCES

Environmental Data Resources, Inc. (EDR) The EDR Radius Map Report with Geocheck, November 14, 2012, Report ID: 3455667.2s

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package, November 20, 2012, Report ID: 3455667.4

Environmental Data Resources, Inc. (EDR) NEPA Check Package, November 14, 2012, Report ID: 3455667.5s

Greater Hall County Chamber of Commerce website,
<http://www.ghcc.com/economic-development/demographics.php>

Georgia Department of Natural Resources Environmental Protection Division website,
<http://www.gaepd.org/Documents/RevisionWaterQualityStandards.html#Lakes>

Georgia Department of Natural Resources Environmental Protection Division, “Lake Lanier Model Scenarios Description and Results for Nutrient Criteria”. May 2013.

Georgia Department of Natural Resources Wildlife Resources Division website,
<http://www.georgiawildlife.org>

Georgia Department of Natural Resources Wildlife Resources Division Rare Species and Natural Community Database, <http://www.georgiawildlife.org/node/1370>

Multistate Aquatic Resources Information System (MARIS) database, <http://www.marisdata.org>
Recreation.gov website,
<http://www.recreation.gov/recAreaDetails.do?contractCode=NRSO&recAreaId=442&agencyCode=130>

Seaman, Bruce A., Lake Sidney Lanier Economic Impact Analysis. December 2010.

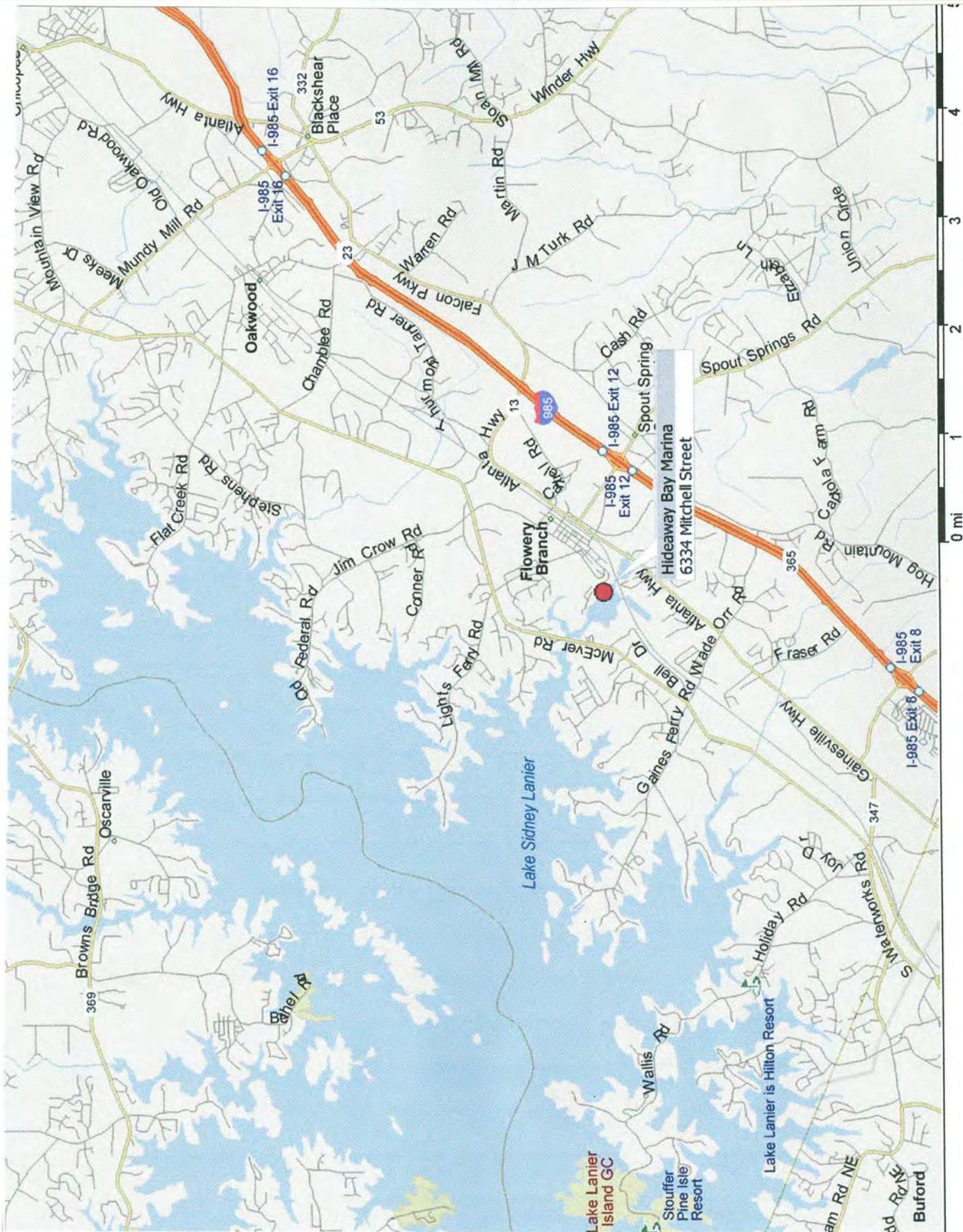
United States Army Corps of Engineers, Mobile District, Final Environmental Impact Statement for Lake Sidney Lanier, November 2003

United States Department of Labor, Bureau of Labor Statistics. Accessed July 25th, 2013.
<http://www.bls.gov/home.htm>

United States Fish and Wildlife Service Endangered Species Online Database,
<http://www.fws.gov/endangered>

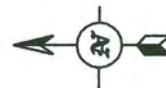
USGS 1:24,000 scale topographic maps titled “Flowery Branch, GA”, 1982. ©2002 Delorme XMap® 3.5.

Figures

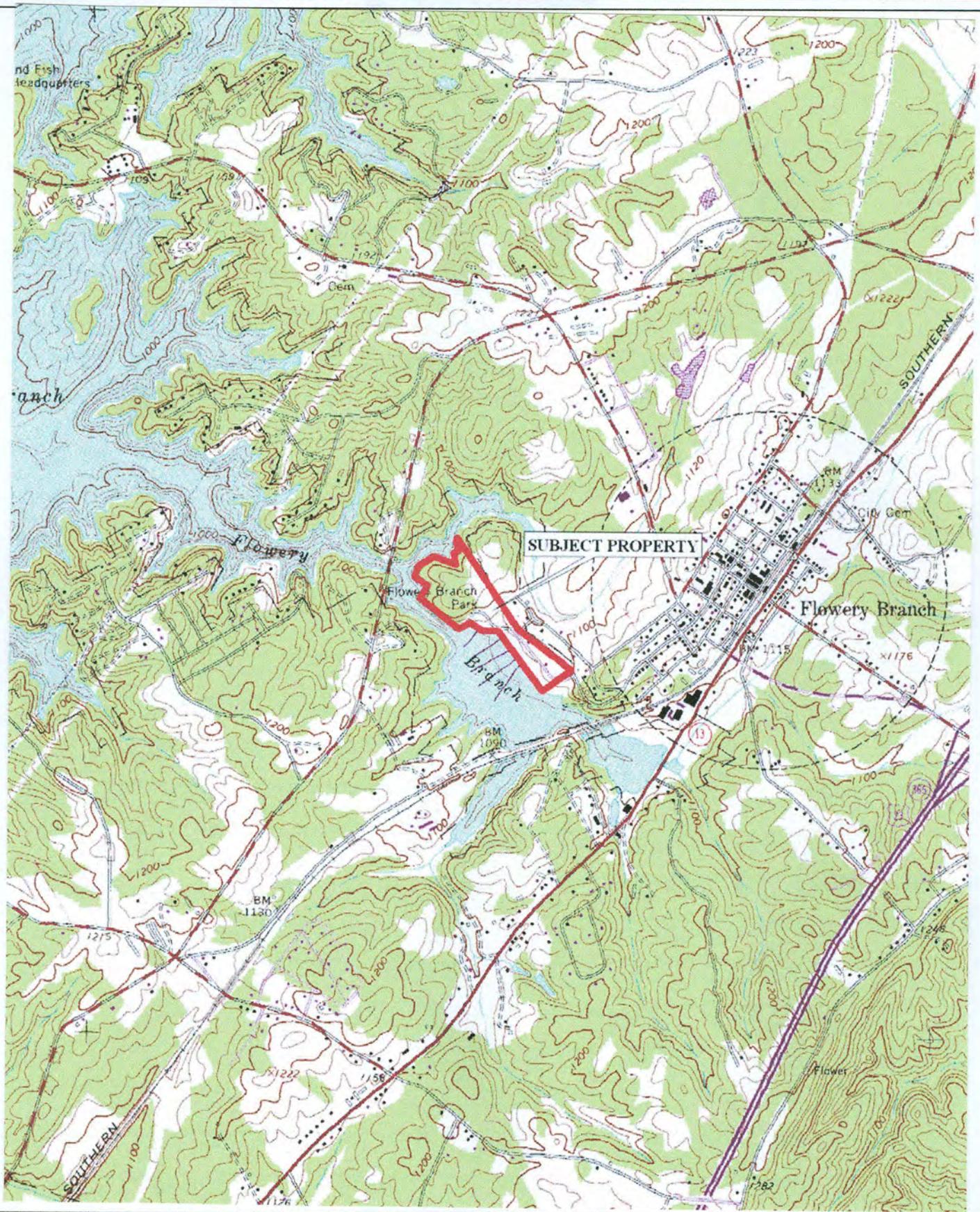


MCES
MILL CREEK
ENVIRONMENTAL SERVICES
 1818 Perimeter Rd.
 Dawsonville, Georgia 30534
 706-579-1607

FIGURE 1: SITE LOCATION MAP
 Hideaway Bay Marina
 6334 Mitchell Street
 Flowery Branch, Hall County, Georgia



SOURCE: Base map is from Microsoft Streets and Trips, Flowery Branch, Georgia, 2001



MCES
MILL CREEK
ENVIRONMENTAL SERVICES
 1818 Perimeter Rd.
 Dawsonville, Georgia 30534
 706-579-1607

FIGURE 2: TOPOGRAPHIC MAP
 Hideaway Bay Marina
 6334 Mitchell Street
 Flowerly Branch, Hall County, Georgia

0 1000 2000
 SCALE IN FEET
 1 INCH = 2000 FEET

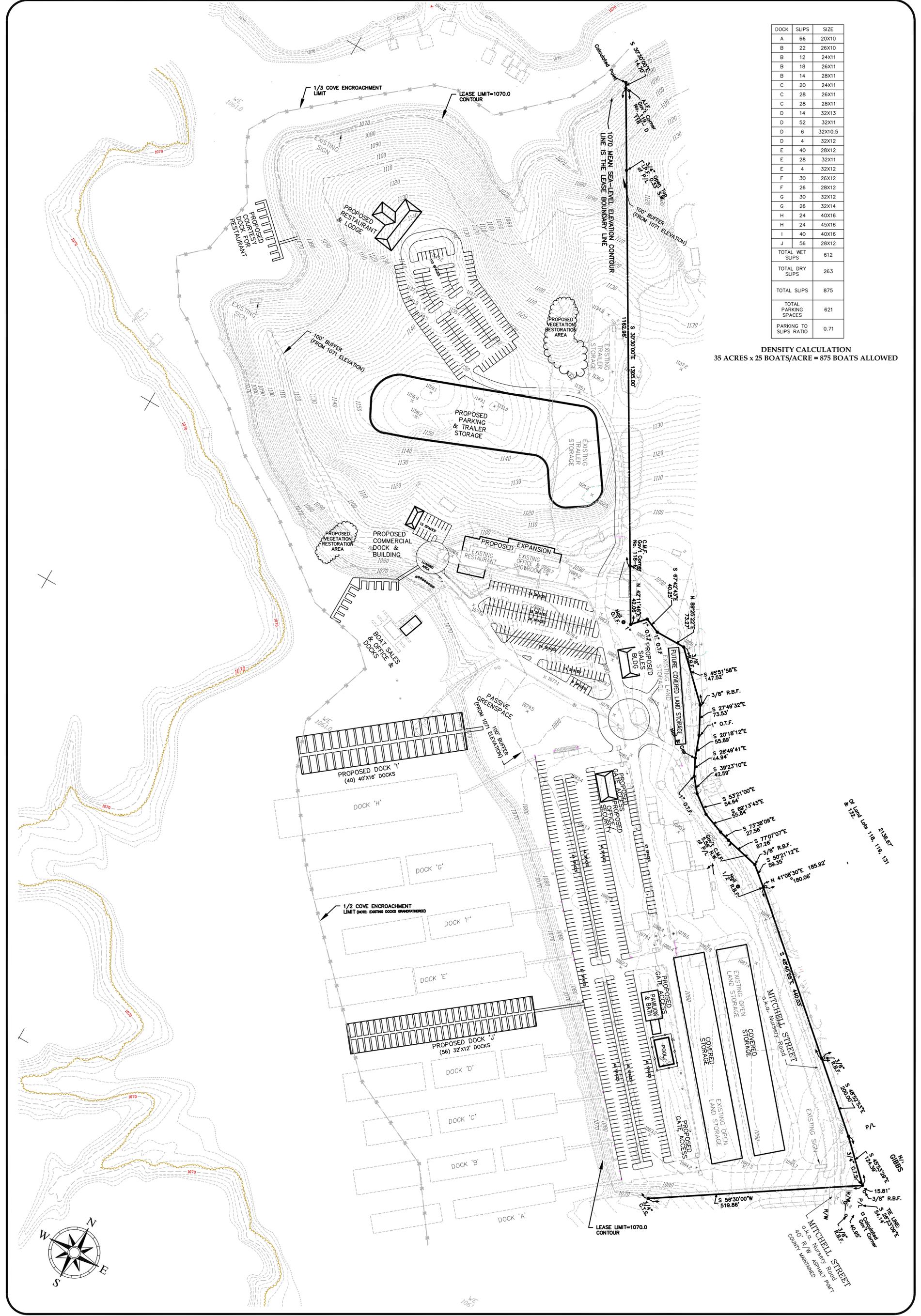
SOURCE: Base map is from Delorme 3D Topoquads, 1:24,000 scale topographic map titled "Flowerly Branch, GA"



ENVIRONMENTAL SERVICES

FIGURE 3: AERIAL PHOTOGRAPH
Hideaway Bay Marina
6334 Mitchell Street
Flowery Branch, Hall County, Georgia

Photo Source: Google Earth, USDA Farm Service Image, 2009
All Distances and Site Features Approximate



DOCK	SLIPS	SIZE
A	66	20X10
B	22	26X10
B	12	24X11
B	18	26X11
B	14	28X11
C	20	24X11
C	28	26X11
C	28	28X11
D	14	32X13
D	52	32X11
D	6	32X10.5
D	4	32X12
E	40	28X12
E	28	32X11
E	4	32X12
F	30	26X12
F	26	28X12
G	30	32X12
G	26	32X14
H	24	40X16
H	24	45X16
I	40	40X16
J	56	28X12
TOTAL WET SLIPS		612
TOTAL DRY SLIPS		263
TOTAL SLIPS		875
TOTAL PARKING SPACES		621
PARKING TO SLIPS RATIO		0.71

DENSITY CALCULATION
 35 ACRES x 25 BOATS/ACRE = 875 BOATS ALLOWED



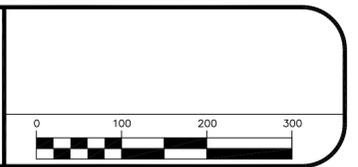
MASTER
 10# #

ISSUE	DATE	DESCRIPTION
A	01/17/13	MASTER PLAN

DESIGNED: JKH
 DRAWN: JKH
 PROJ. NO.: HIDEAWAY

MASTER PLAN

HIDEAWAY BAY MARINA



Appendix A
Site Photographs

*Environmental Assessment
Hideaway Bay Marina, Flowery Branch, Georgia*



Hideaway Bay Marina



Mitchell Street, looking northwest



Restaurant and marina office



Marina office and sales building



Hideaway Bay Marina, looking southeast from office



Dry storage area

*Environmental Assessment
Hideaway Bay Marina, Flowery Branch, Georgia*



Fuel Dock



Wet slips



Parking lot near wet slips, maintenance area in background



Bathhouse



Undeveloped acreage on north side of subject property



Undeveloped acreage on north side of subject property

Appendix B
Historical Aerial Photos



Hideaway Bay Marina

6334 Mitchell Street

Flowery Branch, GA 30542

Inquiry Number: 3455667.4

November 20, 2012

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

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

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

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

Disclaimer - Copyright and Trademark Notice

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

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

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

Date EDR Searched Historical Sources:

Aerial Photography November 20, 2012

Target Property:

6334 Mitchell Street

Flowery Branch, GA 30542

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1944	Aerial Photograph. Scale: 1"=476'	Flight Year: 1944	AAA
1951	Aerial Photograph. Scale: 1"=476'	Flight Year: 1951	PMA
1960	Aerial Photograph. Scale: 1"=476'	Flight Year: 1960	CSS
1973	Aerial Photograph. Scale: 1"=476'	Flight Year: 1973	ASCS
1988	Aerial Photograph. Scale: 1"=950'	Flight Year: 1988	USGS
1993	Aerial Photograph. Scale: 1"=500'	/Composite DOQQ - acquisition dates: 1993	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	EDR
2007	Aerial Photograph. Scale: 1"=500'	Flight Year: 2007	EDR

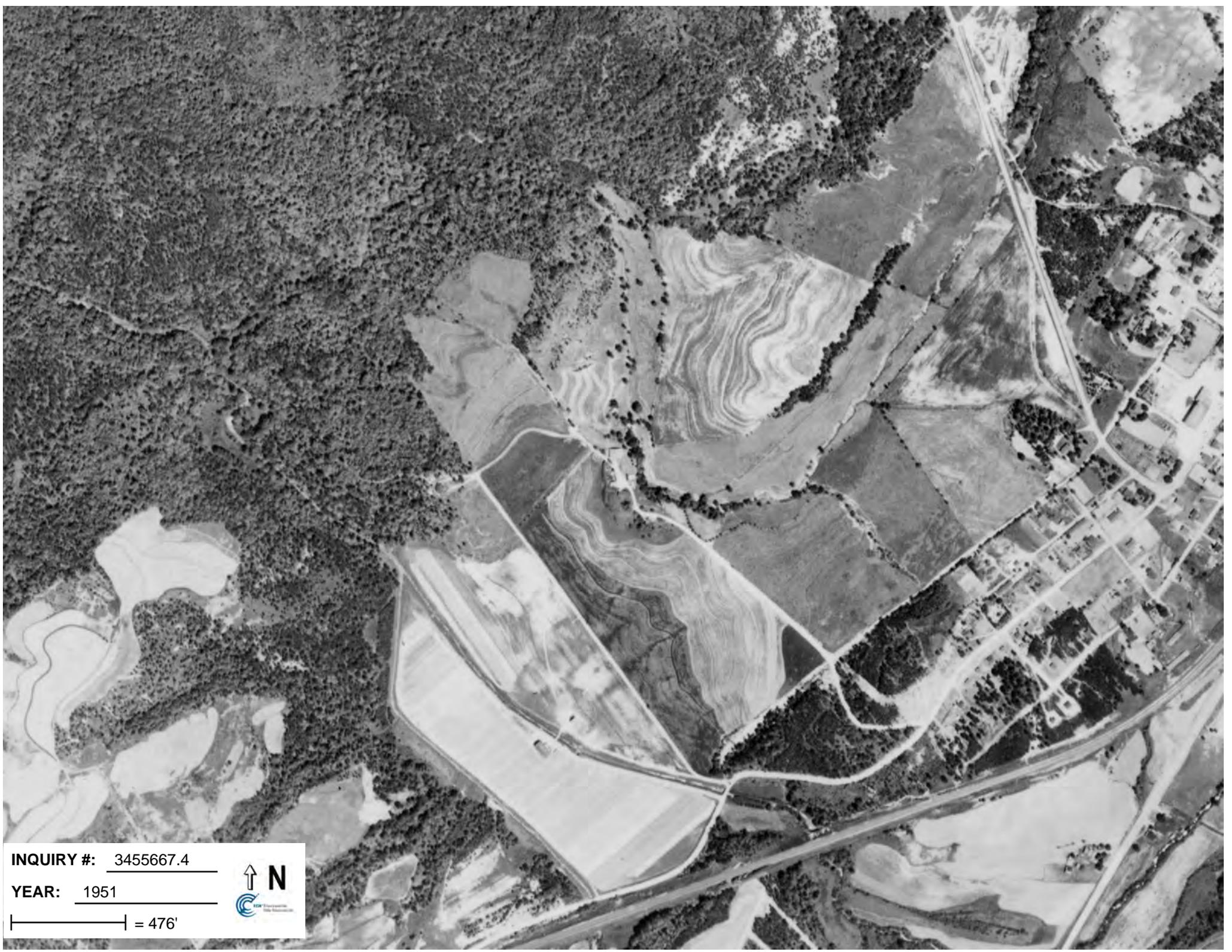


INQUIRY #: 3455667.4

YEAR: 1944

 = 476'





INQUIRY #: 3455667.4
YEAR: 1951
| = 476'





INQUIRY #: 3455667.4
YEAR: 1960
| = 476'





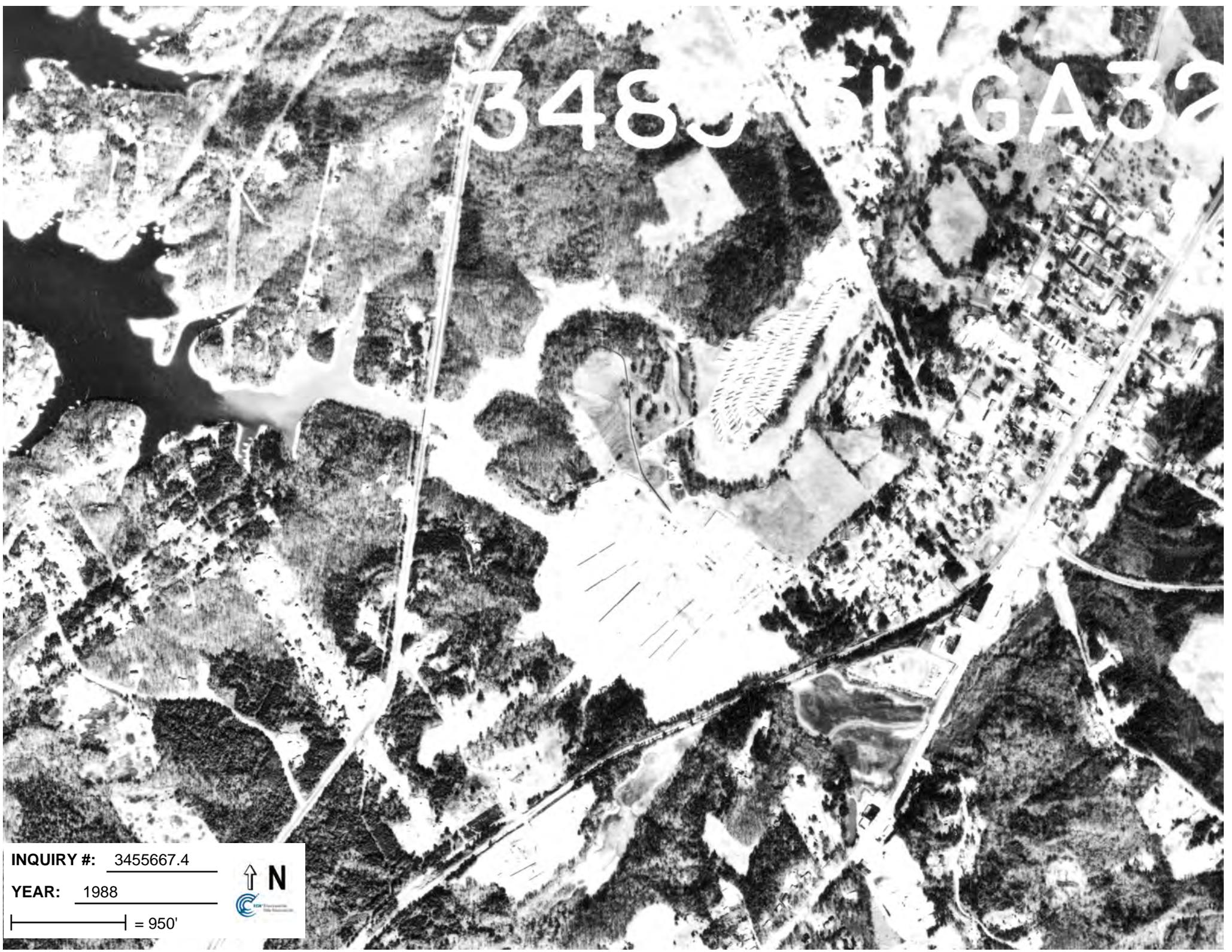
INQUIRY #: 3455667.4
YEAR: 1973
| = 476'



348561-GA32

INQUIRY #: 3455667.4
YEAR: 1988

↑ N
= 950'



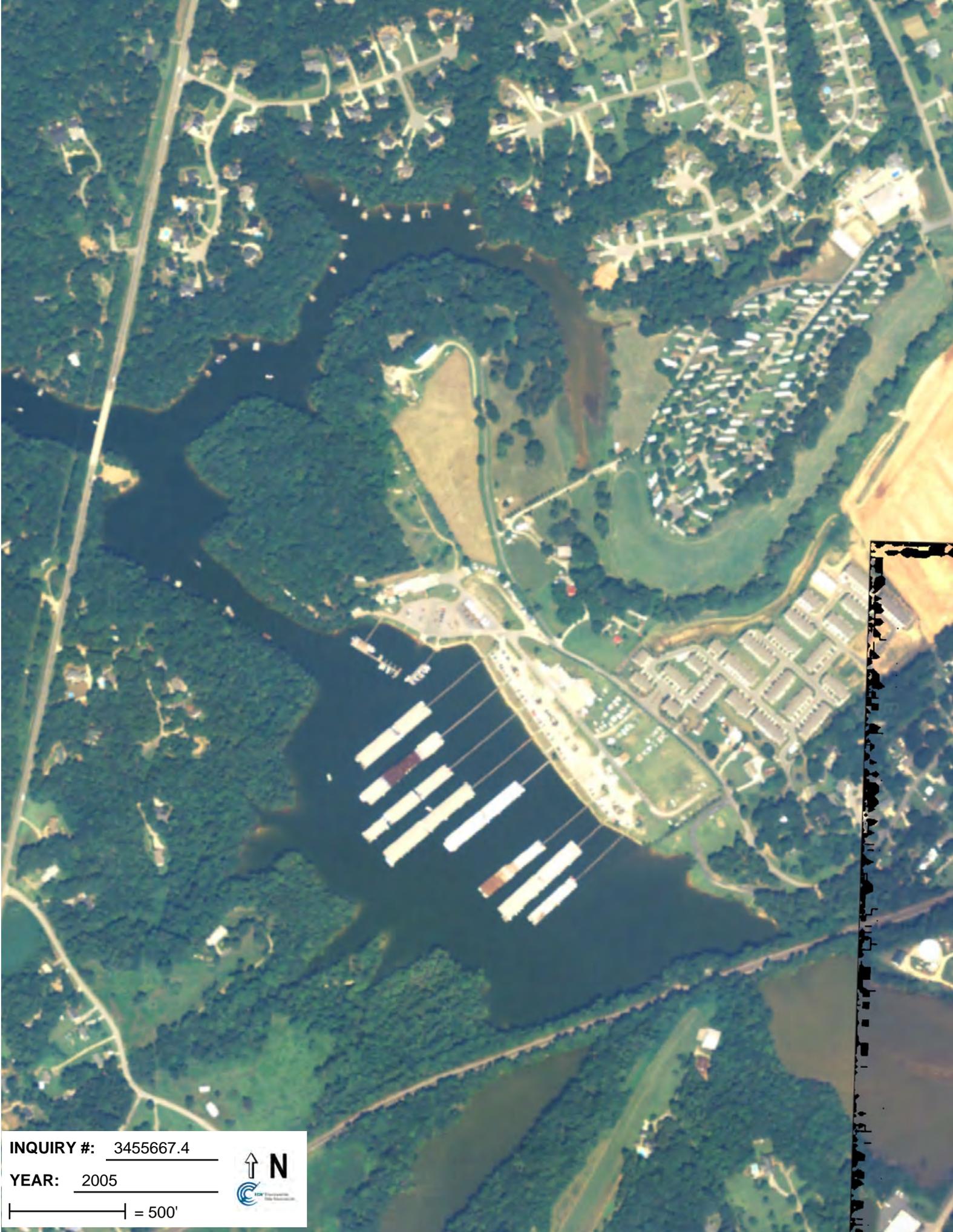


INQUIRY #: 3455667.4

YEAR: 1993

| = 500'





INQUIRY #: 3455667.4

YEAR: 2005

| = 500'





INQUIRY #: 3455667.4

YEAR: 2006

 = 500'





INQUIRY #: 3455667.4

YEAR: 2007

| = 500'



Appendix C
EDR NEPA Check Database Report

Hideaway Bay Marina

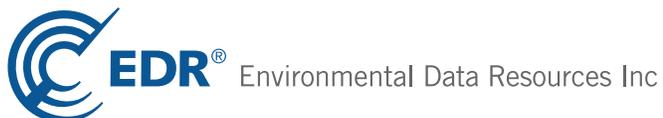
6334 Mitchell Street

Flowery Branch, GA 30542

Inquiry Number: 3455667.5s

November 14, 2012

EDR NEPACheck®



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
EDR NEPACheck® Description.....	1
Map Findings Summary.....	2
Natural Areas.....	3
Historic Sites.....	6
Flood Plain.....	9
Wetlands.....	11
Wetlands Classification System.....	15
FCC & FAA Sites.....	19
Key Contacts and Government Records Searched.....	23

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

Disclaimer - Copyright and Trademark Notice

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

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

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

EDR NEPACheck® DESCRIPTION

The National Environmental Policy Act of 1969 (NEPA) requires that Federal agencies include in their decision-making processes appropriate and careful consideration of all environmental effects and actions, analyze potential environmental effects of proposed actions and their alternatives for public understanding and scrutiny, avoid or minimize adverse effects of proposed actions, and restore and enhance environmental quality as much as possible.

The EDR NEPACheck provides information which may be used, in conjunction with additional research, to determine whether a proposed site or action will have significant environmental effect.

The report provides maps and data for the following items (where available). Search results are provided in the Map Findings Summary on page 2 of this report.

Section	Regulation
Natural Areas Map	
• Federal Lands Data:	
- Officially designated wilderness areas	47 CFR 1.1307(1)
- Officially designated wildlife preserves, sanctuaries and refuges	47 CFR 1.1307(2)
- Wild and scenic rivers	40 CFR 6.302(e)
- Fish and Wildlife	40 CFR 6.302
• Threatened or Endangered Species, Fish and Wildlife, Critical Habitat Data (where available)	47 CFR 1.1307(3); 40 CFR 6.302
Historic Sites Map	
• National Register of Historic Places	47 CFR 1.1307(4); 40 CFR 6.302
• State Historic Places (where available)	
• Indian Reservations	
Flood Plain Map	
• National Flood Plain Data (where available)	47 CFR 1.1307(6); 40 CFR 6.302
Wetlands Map	
• National Wetlands Inventory Data (where available)	47 CFR 1.1307(7); 40 CFR 6.302
FCC & FAA Map	
• FCC antenna/tower sites, FAA Markings and Obstructions, Airports, Topographic gradient	47 CFR 1.1307(8)
Key Contacts and Government Records Searched	

MAP FINDINGS SUMMARY

The databases searched in this report are listed below. Database descriptions and other agency contact information is contained in the Key Contacts and Government Records Searched section on page 23 of this report.

TARGET PROPERTY ADDRESS

HIDEAWAY BAY MARINA
6334 MITCHELL STREET
FLOWERY BRANCH, GA 30542

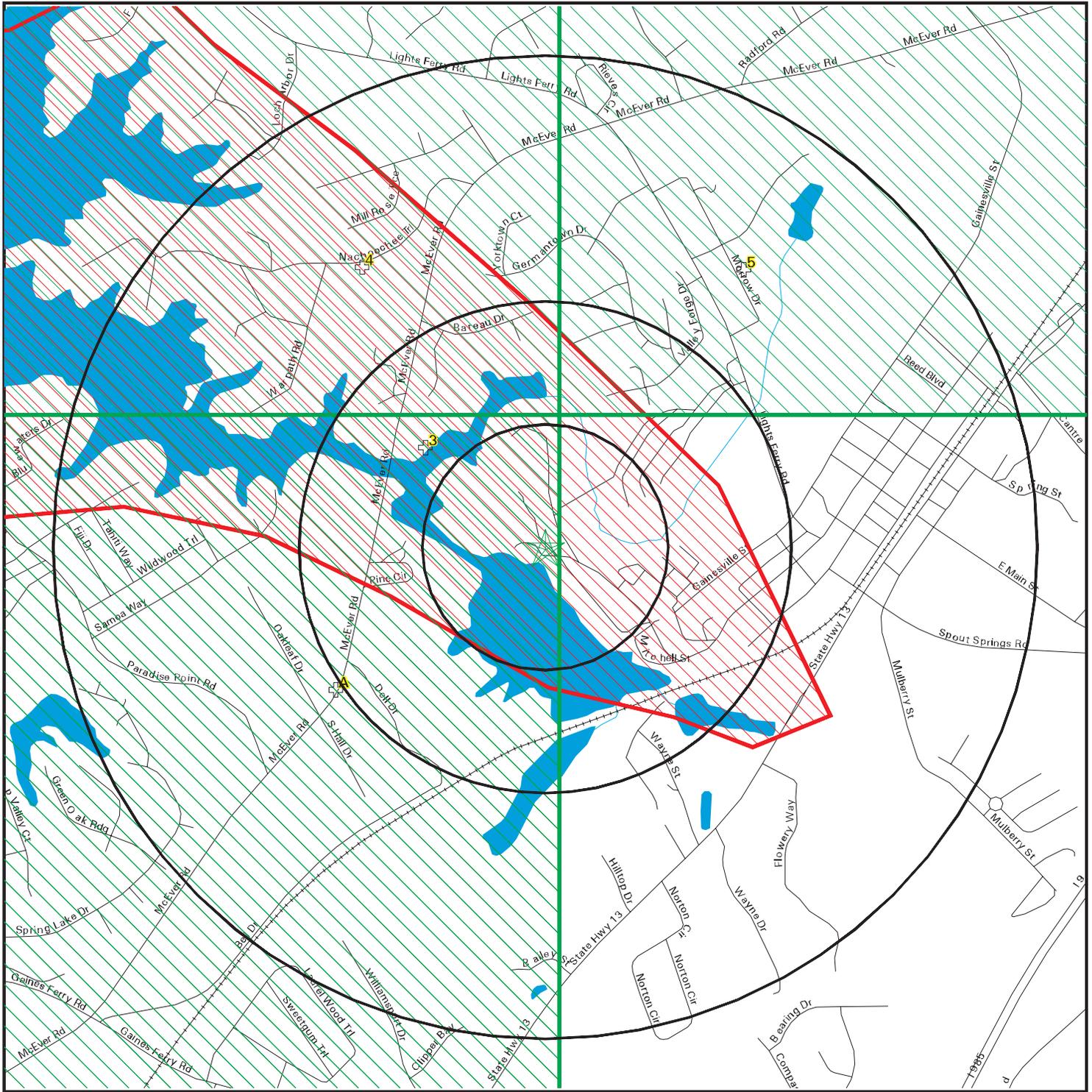
Inquiry #: 3455667.5s
Date: 11/14/12

TARGET PROPERTY COORDINATES

Latitude (North): 34.183701 - 34° 11' 1.3"
Longitude (West): 83.937897 - 83° 56' 16.4"
Universal Tranverse Mercator: Zone 17
UTM X (Meters): 229226.5
UTM Y (Meters): 3786232.0

Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
<u>NATURAL AREAS MAP</u>				
1.1307a (1) Officially Designated Wilderness Area	US Federal Lands	1.00	YES	YES
1.1307a (2) Officially Designated Wildlife Preserve	US Federal Lands	1.00	YES	YES
1.1307a (2) Officially Designated Wildlife Preserve	GA Public Lands	1.00	NO	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	GA Endangered Species	1.00	YES	YES
1.1307a (3) Threatened or Endangered Species or Critical Habitat	County Endangered Species	County	YES	N/A
<u>HISTORIC SITES MAP</u>				
1.1307a (4) Listed or eligible for National Register	National Register of Hist. Pla	1.00	YES	NO
	Indian Reservation	1.00	NO	NO
	APPAL_TRAIL	1.00	NO	NO
<u>FLOODPLAIN MAP</u>				
1.1307 (6) Located in a Flood Plain	FLOODPLAIN	1.00	YES	YES
<u>WETLANDS MAP</u>				
1.1307 (7) Change in surface features (wetland fill)	NWI	1.00	YES	YES
<u>FCC & FAA SITES MAP</u>				
	Cellular	1.00	NO	NO
	4G Cellular	1.00	NO	NO
	Antenna Structure Registration	1.00	NO	NO
	Towers	1.00	NO	NO
	AM Antenna	1.00	NO	NO
	FM Antenna	1.00	NO	NO
	FAA DOF	1.00	NO	NO
	Airports	1.00	NO	---
	Power Lines	1.00	NO	---

Natural Areas Map



- | | |
|-------------------|---------------------------|
| ★ Target Property | ⊕ Locations |
| — Roads | ▨ Federal Areas |
| — County Boundary | — Federal Linear Features |
| — Waterways | ▨ State Areas |
| ■ Water | — State Linear Features |



SITE NAME: Hideaway Bay Marina
ADDRESS: 6334 Mitchell Street
 Flowery Branch GA 30542
LAT/LONG: 34.1837 / 83.9379

CLIENT: Mill Creek Environmental Svc.
CONTACT: Jake Irwin
INQUIRY #: 3455667.5s
DATE: November 14, 2012

NATURAL AREAS MAP FINDINGS

Endangered Species Listed for: HALL County, GA.

Source: EPA Endangered Species Protection Program Database

BIRD: EAGLE, BALD
 BIRD: WOODPECKER, RED-COCKADED
 MAMMAL: BAT, INDIANA

Map ID Direction Distance Distance (ft.)		EDR ID Database
A1 North 0-1/8 mi 0	<p>NOTE: The GA Endangered Species database contains multiple large areas, each approximately 3.5mi. x 4.5mi. The search radius for this report falls within one or more of these areas. The following data is provided:</p> <p>Kingdom: Plant Subgroup: Monocot Scientific name: Melantherium woodii Common name: Ozark Bunchflower US Status: Not Reported State Status: Not Reported Global Rank: G5 State Rank: S2 Quadname: FLOWERY BRANCH, GA Quadname2: Flowery Branch Quadcode: 3408328 Quadcode2: 34083B8 Ggs Survey Code: 142 Qqname: Flowery Branch_SW Qqname code: flowery_branch_sw Indexcode: 3483B83 Qrtrquad: SW County code: GAHALL Fips: 13139 County: Hall</p>	GAEN003539 GA Endangered Species
A2 North 0-1/8 mi 0	<p>NOTE: The GA Endangered Species database contains multiple large areas, each approximately 3.5mi. x 4.5mi. The search radius for this report falls within one or more of these areas. The following data is provided:</p> <p>Kingdom: Plant Subgroup: Dicot Scientific name: Nestronia umbellula Common name: Indian Olive US Status: Not Reported State Status: Listed as threatened Global Rank: G4 State Rank: S2 Quadname: FLOWERY BRANCH, GA Quadname2: Flowery Branch Quadcode: 3408328 Quadcode2: 34083B8 Ggs Survey Code: 142 Qqname: Flowery Branch_SW Qqname code: flowery_branch_sw Indexcode: 3483B83 Qrtrquad: SW County code: GAHALL Fips: 13139 County: Hall</p>	GAEN003540 GA Endangered Species

NATURAL AREAS MAP FINDINGS

3 North 0-1/8 mi 0	Feature1: Feature2: Feature3: Agbur: Url: Name1: Name2: Name3: State: State fips:	Army Corps of Engineers DOD Not Reported Not Reported Department of Defense. Not Reported Lake Sidney Lanier Not Reported Not Reported GA 13	CUSA142658 US Federal Lands
-----------------------------	--	---	--------------------------------

4 North 1/4-1/2 mi 1421	NOTE: The GA Endangered Species database contains multiple large areas, each approximately 3.5mi. x 4.5mi. The search radius for this report falls within one or more of these areas. The following data is provided:	Kingdom: Plant Subgroup: Monocot Scientific name: Melanthium woodii Common name: Ozark Bunchflower US Status: Not Reported State Status: Not Reported Global Rank: G5 State Rank: S2 Quadname: FLOWERY BRANCH, GA Quadname2: Flowery Branch Quadcode: 3408328 Quadcode2: 34083B8 Ggs Survey Code: 142 Qqname: Flowery Branch_NW Qqname code: flowery_branch_nw Indexcode: 3483B81 Qrtrquad: NW County code: GAHALL Fips: 13139 County: Hall	GAEN003538 GA Endangered Species
----------------------------------	---	--	-------------------------------------

5 North 1/4-1/2 mi 1429	NOTE: The GA Endangered Species database contains multiple large areas, each approximately 3.5mi. x 4.5mi. The search radius for this report falls within one or more of these areas. The following data is provided:	Kingdom: Plant Subgroup: Monocot Scientific name: Melanthium woodii Common name: Ozark Bunchflower US Status: Not Reported State Status: Not Reported Global Rank: G5 State Rank: S2 Quadname: FLOWERY BRANCH, GA Quadname2: Flowery Branch Quadcode: 3408328 Quadcode2: 34083B8 Ggs Survey Code: 142 Qqname: Flowery Branch_NE Qqname code: flowery_branch_ne Indexcode: 3483B82 Qrtrquad: NE County code: GAHALL Fips: 13139 County: Hall	GAEN003537 GA Endangered Species
----------------------------------	---	--	-------------------------------------

Historic Sites Map



- ★ Target Property
- ◇ Historic Sites
- Streets
- ▨ Federal Historic Areas
- ▨ County Boundary
- ▨ State Historic Areas
- Waterways
- ▨ US Indian Reservations
- Water
- ▲ Scenic Trail



SITE NAME: Hideaway Bay Marina
 ADDRESS: 6334 Mitchell Street
 Flowery Branch GA 30542
 LAT/LONG: 34.1837 / 83.9379

CLIENT: Mill Creek Environmental Svc.
 CONTACT: Jake Irwin
 INQUIRY #: 3455667.5s
 DATE: November 14, 2012

HISTORIC SITES MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

1
East
1/2-1 mi
3425

Resname: Flowery Branch Commercial Historic District
Address: Main St. & Railroad Ave.
City: Flowery Branch
Vicinity: Not Reported
County: Hall
State: GEORGIA
Certdate: 19850830
Multname: Not Reported
Acre: 2.0+

85001932
National Register of Hist. Places

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status
EDR ID
Database

No unmapped sites were found in EDR's search of available government records.

Flood Plain Map



- Major Roads
- Contour Lines
- Waterways
- County Boundary
- Power Lines
- Pipe Lines
- Fault Lines
- Water
- 100-year flood zone
- 500-year flood zone
- Electronic FEMA data available
- Electronic FEMA data not available



SITE NAME: Hideaway Bay Marina
 ADDRESS: 6334 Mitchell Street
 Flowery Branch GA 30542
 LAT/LONG: 34.1837 / 83.9379

CLIENT: Mill Creek Environmental Svc.
 CONTACT: Jake Irwin
 INQUIRY #: 3455667.5s
 DATE: November 14, 2012

FLOOD PLAIN MAP FINDINGS

Source: FEMA DFIRM Flood Data, FEMA Q3 Flood Data

County

FEMA flood data electronic coverage

HALL, GA

YES

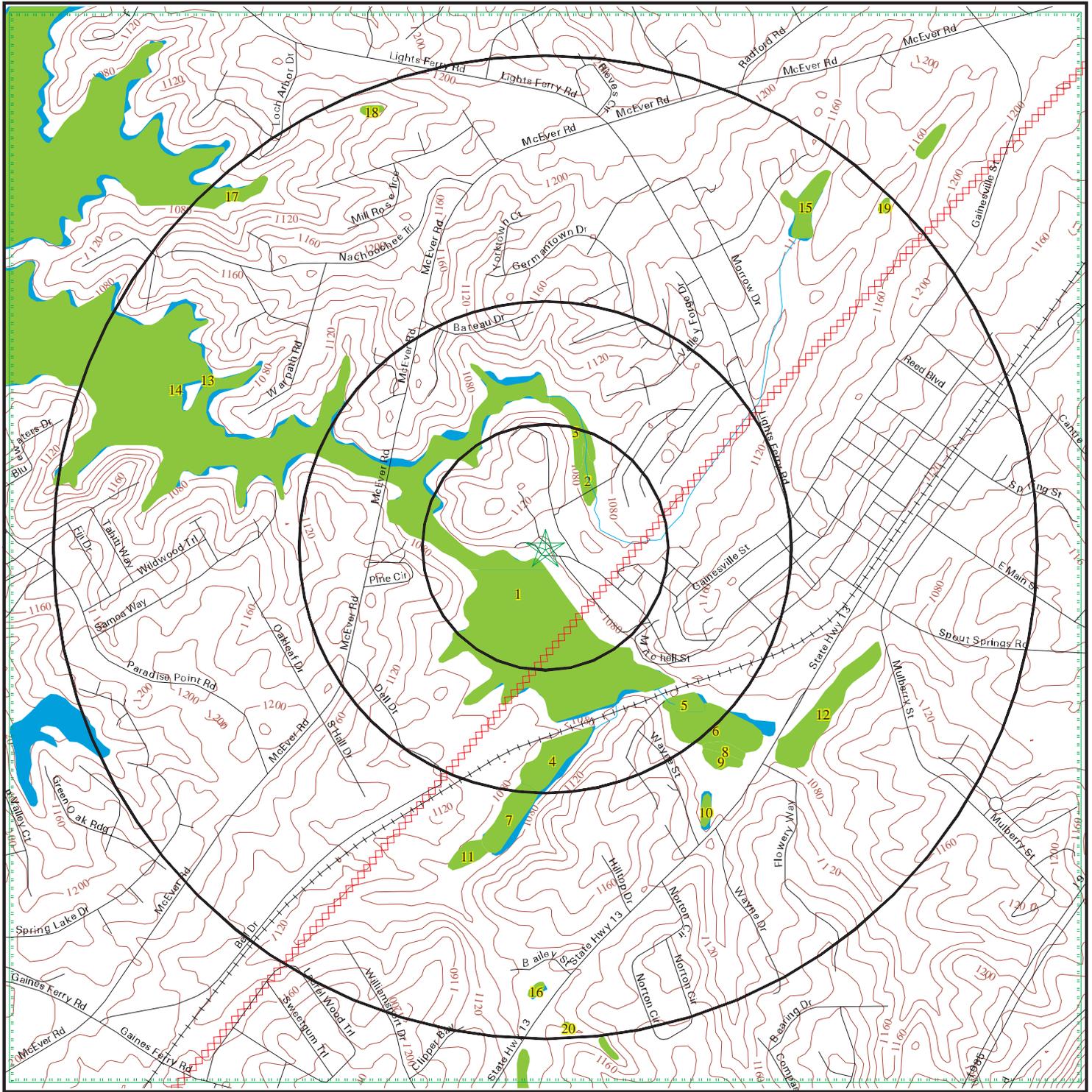
Flood Plain panel at target property:

13139C (FEMA DFIRM Flood data)

Additional Flood Plain panel(s) in search area:

None Reported

National Wetlands Inventory Map



- | | | | | | |
|--|-----------------|--|-------------|--|-----------------------------------|
| | Major Roads | | Power Lines | | Water |
| | Contour Lines | | Pipe Lines | | National Wetlands Inventory |
| | Waterways | | Fault Lines | | Electronic NWI data available |
| | County Boundary | | | | Electronic NWI data not available |



SITE NAME: Hideaway Bay Marina
 ADDRESS: 6334 Mitchell Street
 Flowery Branch GA 30542
 LAT/LONG: 34.1837 / 83.9379

CLIENT: Mill Creek Environmental Svc.
 CONTACT: Jake Irwin
 INQUIRY #: 3455667.5s
 DATE: November 14, 2012

WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: Flowery Branch

Additional NWI hardcopy map(s) in search area:

Not reported in source data

Map ID	Direction	Distance	Distance (ft.)	Code and Description*	Database
1	SSW	0-1/8 mi	145	L1UBHh [L] Lacustrine, [1] Limnetic, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 34.183369 / -83.938164	NWI
2	NE	0-1/8 mi	637	L2USCh [L] Lacustrine, [2] Littoral, [US] Unconsolidated Shore, [C] Seasonally Flooded, [h] Diked/Impounded Lat/Lon: 34.184975 / -83.936455	NWI
3	NNE	1/8-1/4 mi	893	PEM1Ch [P] Palustrine, [EM] Emergent, [1] Persistent, [C] Seasonally Flooded, [h] Diked/Impounded Lat/Lon: 34.185963 / -83.936752	NWI
4	SSE	1/4-1/2 mi	1981	L1UBHh [L] Lacustrine, [1] Limnetic, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 34.178425 / -83.936295	NWI
5	SE	1/4-1/2 mi	2078	L1UBHh [L] Lacustrine, [1] Limnetic, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 34.179184 / -83.933701	NWI
6	SE	1/4-1/2 mi	2213	PSS3Ch [P] Palustrine, [SS] Scrub-Shrub, [3] Broad-Leaved Evergreen, [C] Seasonally Flooded, [h] Diked/Impounded Lat/Lon: 34.178844 / -83.933502	NWI
7	South	1/4-1/2 mi	2543	PEM1Ch [P] Palustrine, [EM] Emergent, [1] Persistent, [C] Seasonally Flooded, [h] Diked/Impounded Lat/Lon: 34.176754 / -83.938744	NWI
8	SE	1/2-1 mi	2709	PEM1Fh [P] Palustrine, [EM] Emergent, [1] Persistent, [F] Semipermanently Flooded, [h] Diked/Impounded Lat/Lon: 34.177887 / -83.932312	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
9 SE 1/2-1 mi 2745	PSS3Ch [P] Palustrine, [SS] Scrub-Shrub, [3] Broad-Leaved Evergreen, [C] Seasonally Flooded, [h] Diked/Impounded Lat/Lon: 34.177769 / -83.932304	NWI
10 SSE 1/2-1 mi 3159	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 34.176430 / -83.932205	NWI
11 SSW 1/2-1 mi 3213	PSS1Ah [P] Palustrine, [SS] Scrub-Shrub, [1] Broad-Leaved Deciduous, [A] Temporarily Flooded, [h] Diked/Impounded Lat/Lon: 34.175079 / -83.940170	NWI
12 SE 1/2-1 mi 3237	PSS1C [P] Palustrine, [SS] Scrub-Shrub, [1] Broad-Leaved Deciduous, [C] Seasonally Flooded Lat/Lon: 34.178043 / -83.929649	NWI
13 WNW 1/2-1 mi 3983	L2USAh [L] Lacustrine, [2] Littoral, [US] Unconsolidated Shore, [A] Temporarily Flooded, [h] Diked/Impounded Lat/Lon: 34.188694 / -83.949608	NWI
14 WNW 1/2-1 mi 4249	L2USAh [L] Lacustrine, [2] Littoral, [US] Unconsolidated Shore, [A] Temporarily Flooded, [h] Diked/Impounded Lat/Lon: 34.188419 / -83.950745	NWI
15 NE 1/2-1 mi 4259	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 34.192829 / -83.929100	NWI
16 South 1/2-1 mi 4665	PUBHx [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [x] Excavated Lat/Lon: 34.170887 / -83.938103	NWI
17 NW 1/2-1 mi 4875	L1UBHh [L] Lacustrine, [1] Limnetic, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 34.194153 / -83.947983	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID	Direction	Distance	Code and Description*	Database
Distance (ft.)				
18			PUBHh	NWI
NNW			[P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h]	
1/2-1 mi			Diked/Impounded	
4990			Lat/Lon: 34.196533 / -83.943687	
19			PUBHh	NWI
NE			[P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h]	
1/2-1 mi			Diked/Impounded	
5080			Lat/Lon: 34.193573 / -83.926041	
20			PUBHh	NWI
South			[P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h]	
1/2-1 mi			Diked/Impounded	
5098			Lat/Lon: 34.169712 / -83.937180	

*See Wetland Classification System for additional information.

WETLANDS CLASSIFICATION SYSTEM

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a sub-department of the U.S. Department of the Interior. In 1974, the U.S. Fish and Wildlife Service developed a criteria for wetland classification with four long range objectives:

- to describe ecological units that have certain homogeneous natural attributes,
- to arrange these units in a system that will aid decisions about resource management,
- to furnish units for inventory and mapping, and
- to provide uniformity in concepts and terminology throughout the U.S.

High altitude infrared photographs, soil maps, topographic maps and site visits are the methods used to gather data for the productions of these maps. In the infrared photos, wetlands appear as different colors and these wetlands are then classified by type. Using a hierarchical classification, the maps identify wetland and deepwater habitats according to:

- system
- subsystem
- class
- subclass
- modifiers

(as defined by Cowardin, et al. U.S. Fish and Wildlife Service FWS/OBS 79/31. 1979.)

The classification system consists of five systems:

1. marine
2. estuarine
3. riverine
4. lacustrine
5. palustrine

The marine system consists of deep water tidal habitats and adjacent tidal wetlands. The riverine system consists of all wetlands contained within a channel. The lacustrine systems includes all nontidal wetlands related to swamps, bogs & marshes. The estuarine system consists of deepwater tidal habitats and where ocean water is diluted by fresh water. The palustrine system includes nontidal wetlands dominated by trees and shrubs and where salinity is below .5% in tidal areas. All of these systems are divided in subsystems and then further divided into class.

National Wetland Inventory Maps are produced by transferring gathered data on a standard 7.5 minute U.S.G.S. topographic map. Approximately 52 square miles are covered on a National Wetland Inventory map at a scale of 1:24,000. Electronic data is compiled by digitizing these National Wetland Inventory Maps.

SYSTEM

MARINE

SUBSYSTEM

1 - SUBTIDAL

2 - INTERTIDAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RF-REEF	OW-OPEN WATER / Unknown Bottom	AB-AQUATIC BED	RF-REEF	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm		1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic

SYSTEM

E - ESTUARINE

SUBSYSTEM

1 - SUBTIDAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RF-REEF	OW-OPEN WATER / Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	

SUBSYSTEM

2 - INTERTIDAL

CLASS	AB-AQUATIC BED	RF-REEF	SB - STREAMBED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	SS-SCRUB SHRUB	FO-FORESTED
Subclass	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen

SYSTEM

R - RIVERINE

SUBSYSTEM

1 - TIDAL 2 - LOWER PERENNIAL 3 - UPPER PERENNIAL 4 - INTERMITTENT 5 - UNKNOWN PERENNIAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	*SB-STREAMBED	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	**EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Mud 6 Organic 7 Vegetated	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

* STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.
 **EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS.

SYSTEM

L - LACUSTRINE

SUBSYSTEM

1 - LIMNETIC

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	

SUBSYSTEM

2 - LITTORAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

SUBSYSTEM

P - PALUSTRINE

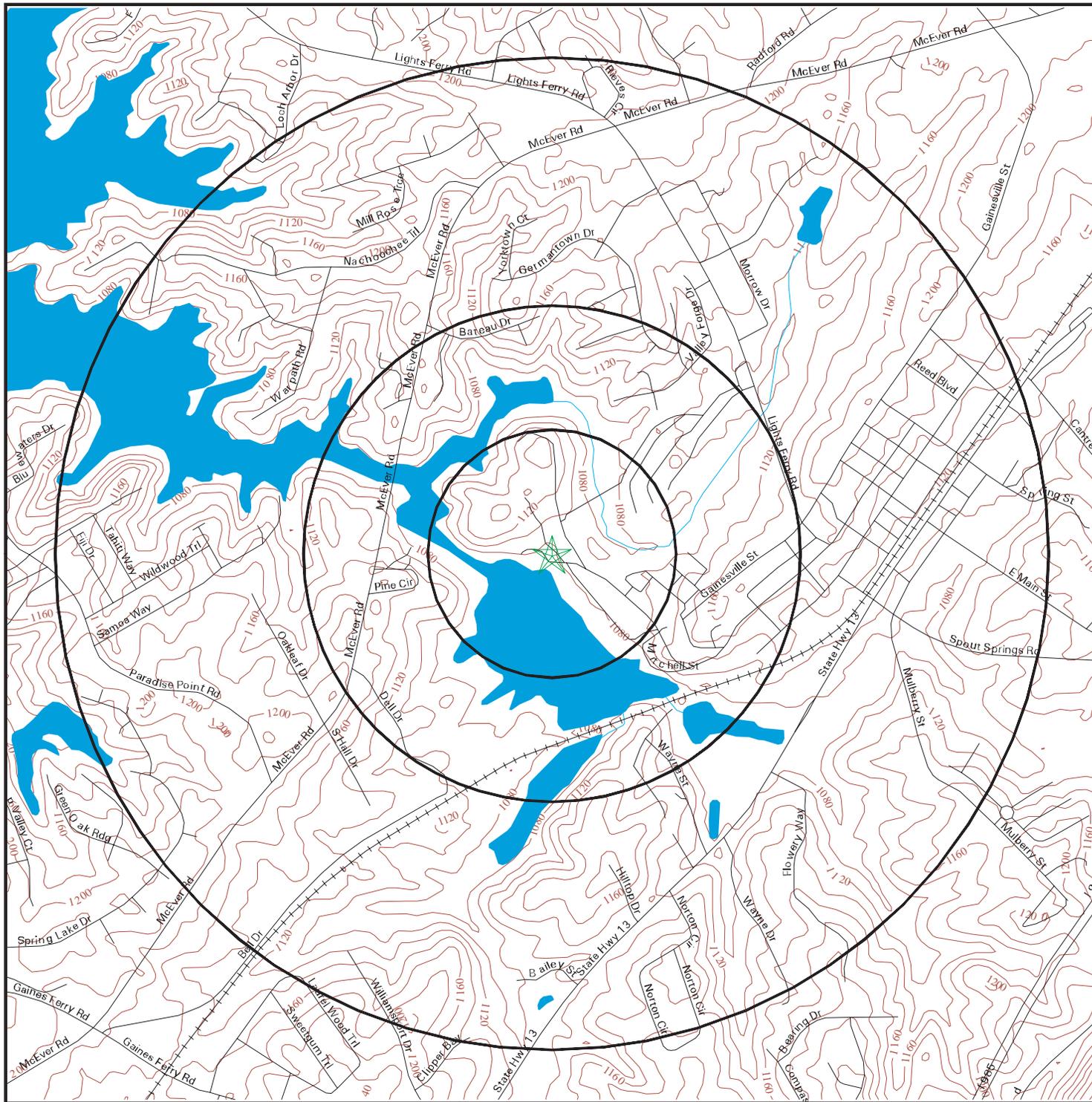
CLASS	RB--ROCK BOTTOM	UB--UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	US--UNCONSOLIDATED SHORE	ML--MOSS- LICHEN	EM--EMERGENT	SS--SCRUB-SHRUB	FO--FORESTED	OW-OPEN WATER/ Unknown
Bottom									
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown 6 Unknown Surface	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	1 Moss 2 Lichen	1 Persistent 2 Nonpersistent	1 Broad-Leaved 2 Needle-Leaved 3 Broad-Leaved 4 Needle-Leaved 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved 2 Needle-Leaved 3 Broad-Leaved 4 Needle-Leaved 5 Dead 6 Deciduous 7 Evergreen	

MODIFIERS

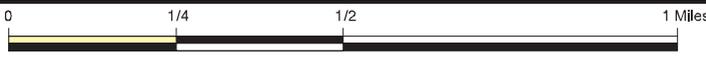
In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME				WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal Halinity	Inland Salinity	pH	all Fresh Water			
A Temporarily Flooded	H Permanently Flooded	K Artificially Flooded	*S Temporary-Tidal		1 Hyperhaline	7 Hypersaline	g Organic	b Beaver
B Saturated	J Intermittently Flooded	L Subtidal	*R Seasonal-Tidal		2 Euhaline	8 Eusaline	n Mineral	d Partially Drained/Ditched
C Seasonally Flooded	K Artificially Flooded	M Irregularly Exposed	*T Semipermanent -Tidal		3 Mixohaline (Brackish)	9 Mixosaline	a Acid	f Farmed
D Seasonally Flooded/ Well Drained	W Intermittently Flooded/Temporary	N Regularly Flooded	V Permanent -Tidal		4 Polyhaline	0 Fresh	t Circumneutral	h Diked/Impounded
E Seasonally Flooded/ Saturated	Y Saturated/Semipermanent/ Seasonal	P Irregularly Flooded	U Unknown		5 Mesohaline		i Alkaline	r Artificial Substrate
F Semipermanently Flooded	Z Intermittently Exposed/Permanent	*These water regimes are only used in tidally influenced, freshwater systems.			6 Oligohaline			s Spoil
G Intermittently Exposed	U Unknown				0 Fresh			x Excavated

FCC & FAA Sites Map



-  Streets
-  Contour Lines
-  County Boundary
-  Waterways
-  Power Lines
-  Water
-  Sites



<p>SITE NAME: Hideaway Bay Marina ADDRESS: 6334 Mitchell Street Flowery Branch GA 30542 LAT/LONG: 34.1837 / 83.9379</p>	<p>CLIENT: Mill Creek Environmental Svc. CONTACT: Jake Irwin INQUIRY #: 3455667.5s DATE: November 14, 2012</p> <p style="text-align: right;">TC3455667.5s Page 19 of 29</p>
---	--

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

No Sites Reported.

FCC & FAA SITES MAP FINDINGS AIRPORTS

EDR ID
Database

No Sites Reported.

FCC & FAA SITES MAP FINDINGS POWERLINES

EDR ID
Database

No Sites Reported.

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Various Federal laws and executive orders address specific environmental concerns. NEPA requires the responsible offices to integrate to the greatest practical extent the applicable procedures required by these laws and executive orders. EDR provides key contacts at agencies charged with implementing these laws and executive orders to supplement the information contained in this report.

NATURAL AREAS

Officially designated wilderness areas

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

Federal Contacts for Additional Information

National Park Service, Southeast Region

100 Alabama Street SW, 1924 Building

Atlanta, GA 30303

404-562-3100

USDA Forest Service, Southern

1720 Peachtree Road, N.W.

Atlanta, GA 30367

404-347-2384

BLM - Eastern States Office

7450 Boston Blvd.

Springfield, VA 22153

703-440-1713

BLM - Eastern States Office

7450 Boston Blvd.

Springfield, VA 22153

703-440-1713

Fish & Wildlife Service, Region 4

Budget and Finance 1875 Century Boulevard

Atlanta, GA 30345

404-679-4096

Officially designated wildlife preserves, sanctuaries and refuges

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

GA Public Lands: Public Lands

Polygon representations of National, State and county parks; National and State historic sites; National Wildlife Refuges; National Wilderness Areas; Wildlife Management Areas; Wild and Scenic Areas; archaeological sites; off-road vehicle areas; US Department of Agriculture land; and other areas

Source: Georgia GIS Data Clearinghouse.

Telephone: 706-542-0246

GA Public Lands: Natural Heritage Program Database

Locations of rare animals, plants, and natural communities

Source: Department of Natural Resources.

Telephone: 770-918-6411

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 4

Budget and Finance 1875 Century Boulevard

Atlanta, GA 30345

404-679-4096

State Contacts for Additional Information

Dept. of Natural Resources 770-918-6400

Wild and scenic rivers

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks

- Forests

- Monuments

- Wildlife Sanctuaries, Preserves, Refuges

- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 4

Budget and Finance 1875 Century Boulevard

Atlanta, GA 30345

404-679-4096

Endangered Species

Government Records Searched in This Report

Endangered Species Protection Program Database

A listing of endangered species by county.

Source: Environmental Protection Agency

Telephone: 703-305-5239

GA Endangered Species: GA Natural Heritage Program Database

Source: Dept. of Natural Resources.

Telephone: 770-918-6411

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 4
Budget and Finance 1875 Century Boulevard
Atlanta, GA 30345
404-679-4096

State Contacts for Additional Information

Natural Heritage Program, Dept. of Natural Resources 706-557-3032

LANDMARKS, HISTORICAL, AND ARCHEOLOGICAL SITES

Historic Places

Government Records Searched in This Report

National Register of Historic Places:

The National Register of Historic Places is the official federal list of districts, sites, buildings, structures, and objects significant in American history, architecture, archeology, engineering, and culture. These contribute to an understanding of the historical and cultural foundations of the nation.

The National Register includes:

- All prehistoric and historic units of the National Park System;
- National Historic Landmarks, which are properties recognized by the Secretary of the Interior as possessing national significance; and
- Properties significant in American, state, or local prehistory and history that have been nominated by State Historic Preservation Officers, federal agencies, and others, and have been approved for listing by the National Park Service.

Date of Government Version: 03/23/2006

Federal Contacts for Additional Information

Park Service; Advisory Council on Historic Preservation
1849 C Street NW
Washington, DC 20240
Phone: (202) 208-6843

State Contacts for Additional Information

Historic Preservation Division 404-656-2840

Indian Religious Sites

Government Records Searched in This Report

Indian Reservations:

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

Source: USGS

Phone: 888-275-8747

Date of Government Version: 12/31/2005

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Federal Contacts for Additional Information

Department of the Interior- Bureau of Indian Affairs
Office of Public Affairs
1849 C Street, NW
Washington, DC 20240-0001
Office: 202-208-3711
Fax: 202-501-1516

National Association of Tribal Historic Preservation Officers
1411 K Street NW, Suite 700
Washington, DC 20005
Phone: 202-628-8476
Fax: 202-628-2241

State Contacts for Additional Information

A listing of local Tribal Leaders and Bureau of Indian Affairs Representatives can be found at:
<http://www.doi.gov/bia/areas/agency.html>

Scenic Trails

Government Records Searched in This Report

APPAL_TRAIL: Appalachian Trail
Source: Appalachian Trail Conference
Telephone: (304) 535-6331
Appalachian Trail centerline.

State Contacts for Additional Information

Appalachian Trail Conference
799 Washington Street P.O. Box 807
Harpers Ferry, WV 25425-0807
(304) 535-6331

FLOOD PLAIN, WETLANDS AND COASTAL ZONE

Flood Plain Management

Government Records Searched in This Report

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.

Federal Contacts for Additional Information

Federal Emergency Management Agency 877-3362-627

State Contacts for Additional Information

Georgia Emergency Management Agency 404-635-7000

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Wetlands Protection

Government Records Searched in This Report

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2004 from the U.S. Fish and Wildlife Service.

Federal Contacts for Additional Information

Fish & Wildlife Service 813-570-5412

State Contacts for Additional Information

Dept. of Natural Resources 770-918-6400

Coastal Zone Management

Government Records Searched in This Report

CAMA Management Areas

Dept. of Env., Health & Natural Resources
919-733-2293

Federal Contacts for Additional Information

Office of Ocean and Coastal Resource Management
N/ORM, SSMC4
1305 East-West Highway
Silver Spring, Maryland 20910
301-713-3102

State Contacts for Additional Information

Dept. of Natural Resources, Coastal Resources Division 912-264-7218

FCC & FAA SITES MAP

For NEPA actions that come under the authority of the FCC, the FCC requires evaluation of Antenna towers and/or supporting structures that are to be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable zoning law.

Government Records Searched in This Report

Cellular

Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

4G Cellular

Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

Antenna Structure Registration

Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Towers

Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

AM Antenna

Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

FM Antenna

Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

FAA Digital Obstacle File

Federal Aviation Administration (FAA)
1305 East-West Highway, Station 5631
Silver Spring, MD 20910-3281
Telephone: 301-713-2817

Describes known obstacles of interest to aviation users in the US. Used by the Federal Aviation Administration (FAA) and the National Oceanic and Atmospheric Administration to manage the National Airspace System.

Airport Landing Facilities

Federal Aviation Administration
Telephone (800) 457-6656
Private and public use landing facilities.

Electric Power Transmission Line Data

Rextag Strategies Corp.
14405 Walters Road, Suite 510
Houston, TX 77014
281-769-2247
U.S. Electric Transmission and Power Plants systems Digital GIS Data.

Excessive Radio Frequency Emission

For NEPA actions that come under the authority of the FCC, Commission actions granting construction permits, licenses to transmit or renewals thereof, equipment authorizations or modifications in existing facilities, require the determination of whether the particular facility, operation or transmitter would cause human exposure to levels of radio frequency in excess of certain limits.

Federal Contacts for Additional Information

Office of Engineering and Technology
Federal Communications Commission
445 12th Street SW
Washington, DC 20554
Phone: 202-418-2470

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

OTHER CONTACT SOURCES

NEPA Single Point of Contact

State Contacts for Additional Information

Georgia State Clearinghouse

270 Washington Street, SW

Atlanta, GA 30334

404-656-3855

STREET AND ADDRESS INFORMATION

(c) 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

Appendix D
Protected Species Database Review Summary

PROTECTED SPECIES DATABASE REVIEW SUMMARY

Hideaway Bay Marina

6334 Mitchell Street

Flowery Branch, Hall County, Georgia

Scientific Name	Common Name	Federal Status	State Status	Preferred Habitat	Habitat Available in Project Area?
Bird					
<i>Haliaeetus leucocephalus</i>	Bald Eagle	P	E	Inland waterways and estuarine areas along the coast, reservoirs and rivers in the southern and central part of the state	Yes
<i>Tyto alba</i>	Barn Owl	NP	Vulnerable	Open areas, such as grassy fields, old fields, wet meadows and wetland edges, around farms and rural towns. Daytime roost is usually an evergreen tree, belfry or barn.	No
Fish					
<i>Cyprinella callitaenia</i>	Bluestrip Shiner	T	E	The preferred habitat of blue shiners consists of small to medium streams that include rocky substrates. Fish are found in riffles and runs, as well as pools with moderate to swift current, over gravel to cobble or boulder substrate.	No
<i>Cyprinella xaenura</i>	Altamaha Shiner	NP	T	Altamaha shiners inhabit small tributaries and rivers. They are most often found in small pools with rocky to sandy substrates.	No
Snake					
<i>Pituophis melanoleucus melanoleucus</i>	Northern Pine Snake	NP	T	Pine snakes are found across the Southeast, but their range is patchy. They are found throughout the Coastal Plain of North Carolina, South Carolina, Georgia, and throughout Florida, and in disjunct populations in the dry mountains of Virginia, Tennessee, and northern Georgia. A large, but isolated population occurs in the Pine Barrens of southern New Jersey. Coastal Plain snakes prefer flat and dry habitats with open canopies and are most common in sand hill and sandy pine barren habitats. This species is also found quite often in stands of longleaf pine or turkey oak forest. Occasionally individuals are seen in abandoned fields and dry mountain ridges. They are often associated with pocket gophers and gopher tortoises. Infertile, sandy soils are important habitat for pine snakes because they dig both hibernacula and summer dens.	No
Plant					
<i>Amphianthus pusillus</i>	Pool Sprite	NP	Rare	Shallow, flat-bottomed depressions (solution pits, vernal pools) on granite outcrops, with thin, gravelly soils and winter-spring inundation. Pools must be deep enough to hold water for several weeks and must be in full sun.	No
<i>Amsonia ludoviciana</i>	Louisiana bluestar	NP	NP	In Georgia, the plants seem to be limited to the type of granite found in the central Georgia Piedmont that is classified as "Lithonia gneiss". The plants frequently occur in altered habitats, such as roadside and powerline rights-of-way and artificial drainageways (Fish and Wildlife Service 1989; Patrick 1999).	No
<i>Cypripedium acaule</i>	Pink Ladyslipper	NP	Unusual	Upland pine and mixed pine-hardwood forests with acidic soils; in the mountains, near edges of rhododendron thickets and mountain bogs.	No
<i>Cypripedium parviflorum</i>	Yellow Ladyslipper	NP	Rare	Both varieties of yellow lady's-slipper occur in rich, cove hardwood forests.	No
<i>Eriocaulon koernickianum</i>	Dwarf Hatpins	NP	E	Seepage areas and wet depressions on Piedmont granite flatrocks, often with horned bladderwort. In other states, dwarf hatpins occurs in wet seeps on sandstone outcrops and in pineland bogs.	No
<i>Eurybia avitus</i>	Alexander's rock-aster	NP	NP	It is typically found between 100 and 500 metre elevations growing in shallow and sandy soils around the edges of granite flatrock outcroppings	No
<i>Fimbristylis brevivaginata</i>	Flatrock Fimbry	NP	NP	Sunny, wet areas on Georgia's Piedmont granite outcrops, such as around pools or along wet cracks in the rock. In northeast Alabama, flatrock fimbry occurs on sandstone outcrops.	No

PROTECTED SPECIES DATABASE REVIEW SUMMARY

**Hideaway Bay Marina
6334 Mitchell Street
Flowery Branch, Hall County, Georgia**

Scientific Name	Common Name	Federal Status	State Status	Preferred Habitat	Habitat Available in Project Area?
<i>Hydrastis canadensis</i>	Goldenseal	NP	E	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.	No
<i>Isoetes melanospora</i>	Black-spored Quillwort	E	E	Shallow, temporarily flooded, flat-bottomed pools formed by natural erosion on granite outcrops. The pools are seasonally inundated by winter and early spring rains and by seepage from surrounding habitats; they are usually completely dry during the summer and fall.	No
<i>Monotropis odorata</i>	Sweet Pinesap	NP	T	Mixed pine-hardwood or chestnut oak-dominated forests with dry, acidic soil, often with mountain laurel, rhododendron, and blueberry.	No
<i>Nestronia umbellula</i>	Indian Olive	NP	Rare	Dry, open, upland woods with mixed hardwood-pine canopy.	Yes
<i>Panax quinquefolium</i>	American ginseng	NP	NP	American ginseng grows in shady woodlands with rich soils. Ginseng is found predominately in the Appalachian region of the United States that provides the natural cold/warm cycle so important in preparing the seed for germination. <i>Panax quinquefolium</i> ' range includes the eastern half of North America, from Quebec to Minnesota and south to Georgia and Oklahoma.	No
<i>Rhus michauxii</i>	Michaux's sumac	E	Critically Imperiled	Michaux's sumac grows in sandy or rocky open woods in association with basic soils. Apparently, this plant survives best in areas where some form of disturbance has provided an open area. Several populations in North Carolina are on highway rights-of way, roadsides, or on the edges of artificially maintained clearings. Two other populations are in areas with periodic fires, and two populations exist on sites undergoing natural succession. One population is situated in a natural opening on the rim of a Carolina bay.	Yes
<i>Schisandra glabra</i>	Bay Star-vine	NP	T	Moist, deciduous hardwood forests, often with beech, usually on lower slopes, stream terraces, and floodplains.	No
<i>Sedum pusillum</i>	Granite Stonecrop	NP	T	Piedmont granite outcrops, usually in mats of moss (<i>Hedwigia ciliata</i>) beneath red cedar trees.	No
<i>Spiraea alba</i> var. <i>latifolia</i>	Broadleaf White Spirea	T/E	NP	Damp meadows	No
<i>Stachys latidens</i>	Broad-toothed Hedge-nettle	NP	NP	Upland forest and clearings, broadly Southern Appalachians mostly at mid- to high elevations, rare in the Piedmont GA - PA.	No
<i>Symphotrichum georgianum</i>	Georgia Aster	CS	T	Edges and openings in rocky, upland oak-hickory-pine forests, and rights-of-way through these habitats. Usually with circumneutral soils.	No
<i>Thermopsis fraxinifolia</i>	Ash-leaf Bush-pea	NP	NP	<i>Thermopsis fraxinifolia</i> is known to be a rare, component of the Pine Oak Heath Forest or Chestnut Oak Forest. <i>Thermopsis fraxinifolia</i> occurs mostly along ridges, upper slopes and roadsides.	No
<i>Veratrum woodii</i>	Ozark Bunchflower	NP	Rare	Lower slopes and stream terraces in moist, hardwood forests, usually over basic soils.	No
<i>Waldsteinia lobata</i>	Barren Strawberry	NP	Rare	Stream terraces, floodplain forests, and rocky, lower slopes with oak-hickory-pine forest; often with mountain laurel.	No

Source: Georgia Department of Natural Resources Wildlife Resources Division Rare Species and Natural Community Database

Source: United States Fish and Wildlife Service Endangered Species Online Database

P = Protected

T=Threatened

E=Endangered

NP=Not Protected

CS=Candidate Species

Appendix E
Agency Coordination Letters

Jake Irwin

From: Fedoroff, Michael P SAM [Michael.P.Fedoroff@usace.army.mil]
Sent: Tuesday, December 30, 2014 3:46 PM
To: Sowers, Craig A SAM
Cc: Emmert, Jeffrey G SAM; Zettle, Brian A SAM; Padgett, Joan L. SAM
Subject: Hideaway Bay Phase I Report Comments (ARPA Permit # DACW01-4-15-0622)
Attachments: Hideaway Bay Marina Phase I Report (2015).pdf

Importance: High

Craig et al.

Please see attached comments for the Hideaway Bay Marina Phase I cultural resource survey report. Please coordinate with the folks leasing so that we may get a Final copy of the report from the contractor to make our Effects Determination, Close out the ARPA permit, and coordinate with SHPO. Thanks.

In Service,

Michael P. Fedoroff RPA
District Archaeologist/ Tribal Liaison
USACE Inland Environmental Team
Planning and Environmental Division
Mobile District
CESAM-PD-EI
109 St. Joseph Street
PO Box 2288
Mobile, AL 36602
Office: 251-694-4114
Blackberry: 251-263-3190
Michael.P.Fedoroff@usace.army.mil

Archaeological Survey of Proposed Improvements at Hideaway Bay Marina, Hall County, Georgia

Principal Investigator: Thomas H. Gresham

USACE Reviewed by: Michael P. Fedoroff

This review will start with a few general comments, then technical issues that need addressing before final acceptance, and finally outline specific comments salient to copy edit issues in the report. Specific edits are referenced by page number and paragraph. If a word or sentence change is suggested, the edit will be outlined in bold typeface in the comment. Additionally, Federal and State guidelines are referenced as appropriate. With the exception of the minor edits outlined in the following comments, the executed Phase I survey methodology and draft report are acceptable for work conducted on USACE Mobile District property.

GENERAL COMMENTS

- Please include the word DRAFT on the Title Page and Cover of this report.
- Please list USACE as the Lead Federal Agency for this project on the Title Page.
- Please list the ARPA permit number on the Title Page.
- Please reference USACE rather than USACOE throughout the document.
- The Hideaway Bay Marina is leased from USACE Mobile District, thus the ARPA permit is needed to conduct work on Federal Property. Please note that this work was conducted on Federal Property.
- As the lead Federal Agency and Property owner for this project, USACE will review the Draft Report PRIOR to its coordination with other commenting or review agencies such as the AHC and NPS. Once accepted as Final, USACE may delegate the coordination of the document to the Lease Holder.

Overall, the report looked great. Please feel free to contact me direct with any questions.

TECHNICAL COMMENTS

- The Table of Contents lists Culture History twice.
- Please form your Summary and Conclusions in the form of Recommendations for submission to this Agency, as we are charged with making Effects Determinations on our property.
- Excellent Previous Investigations section illustrating vast experience with the project area.
- Excellent Cultural History section illustrating vast experience with the region.

Jake Irwin

From: Fedoroff, Michael P SAM [Michael.P.Fedoroff@usace.army.mil]
Sent: Friday, March 13, 2015 12:30 PM
To: Zettle, Brian A SAM; Bulger, Heather P SAM
Cc: Wilson, Allen D SAM
Subject: RE: Hideaway Bay Phase I Report Comments (ARPA Permit # DACW01-4-15-0622) (UNCLASSIFIED)
Attachments: Hideaway Bay Marina SHPO Letter SIGNED COPY.docx.pdf; Hideaway Bay Marina Tribal Consultation PDF.pdf
Importance: High

Classification: UNCLASSIFIED
Caveats: NONE

Attached are the coordination letters that should go in the Final EA. To date we have received a No Effect email from the Chickasaw Nation and No Response from the SHPO. There time is up to respond tomorrow. I have not seen the final EA yet, but that should be the last piece and include the attached.

-----Original Message-----

From: Zettle, Brian A SAM
Sent: Friday, March 13, 2015 10:46 AM
To: Bulger, Heather P SAM
Cc: Fedoroff, Michael P SAM
Subject: FW: Hideaway Bay Phase I Report Comments (ARPA Permit # DACW01-4-15-0622) (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

FYI. I think they need to update the draft EA to reflect the Phase I information. Then we can post it. Does that sound right?

Brian Zettle
Biologist
Chief, Inland Environment Team
U.S. Army Corps of Engineers, Mobile District
(251) 690-2115

Classification: UNCLASSIFIED
Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE

ROUTING AND TRANSMITTAL SLIP

2/11/2015

TO: (Name, office symbol, room number, building, Agency/Post)		Initials	Date
1.	PD-EI/FEDOROFF	<i>JW</i>	11 Feb 2015
2.	PD-EI/JOHNSON	<i>CJ</i>	11 Feb 15
3.	PD-EI/ZETTLE	<i>BZ</i>	11 Feb 15
4.	OP/PADGETT	<i>JP</i>	11 Feb 15
5.	PD/FLAKES	<i>SR</i>	11 Feb 2015

<input checked="" type="checkbox"/>	Action		File		Note and Return
<input checked="" type="checkbox"/>	Approval		For Clearance		Per Conversation
<input checked="" type="checkbox"/>	As Requested		For Correction		Prepare Reply
	Circulate	<input checked="" type="checkbox"/>	For Your Information		See Me
	Comment		Investigate	<input checked="" type="checkbox"/>	Signature
	Coordination		Justify		

REMARKS

MEMO:

SUBJECT: No Effect Determination for the Proposed Improvements at Hideaway Bay Marina, Flowery Branch, Hall County, Georgia

Please call for pick-up. x2728

Thank You,

CURTIS JOHNSON

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)	Room No. - Bldg.
	3000a
PD/Campbell, LaTonya	Phone No.
	(251) 690-2777

DOD EXCEPTION TO OF41
APPROVED BY GSA/IRMS 4/1989OPTIONAL FORM 41, (Rev. 1-94)
Prescribed by GSA
FPMR (41 CFR) 101-11.206



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, MOBILE DISTRICT
CORPS OF ENGINEERS
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001

February 9, 2015

Inland Environment Team
Planning and Environmental Division

SUBJECT: No Effect Determination for the Proposed Improvements at Hideaway Bay Marina, Flowery Branch, Hall County, Georgia

Dr. David Crass
State Historic Preservation Office
Department of Natural Resources, Historic Preservation Division
Jewett Center for Historic Preservation
2610 Georgia Highway 155, Southwest
Stockbridge, Georgia 30281

Dear Dr. Crass:

The existing 35-acre Hideaway Bay Marina near Flowery Branch in southern Hall County proposes to make various improvements. Because the land on which the marina is located is leased from the U.S. Army Corps of Engineers (USACE) such an undertaking requires a permit from USACE. One aspect of this permitting is compliance with the National Historic Preservation Act of 1966, which seeks to avoid, minimize, or mitigate effects on significant cultural resources. Toward this goal, a cultural resources literature review was conducted in 2012 that concluded that no historic or archaeological properties are recorded on the subject property, but both types of resources occur nearby. USACE, Mobile District, requested that a Phase I archaeological survey of the property be conducted, and Southeastern Archaeological Services was selected by the applicant to perform the work. The goal of the survey was to locate and evaluate all archaeological sites within the marina property, so that potential effects to those resources could be evaluated in accordance with Section 106 of the National Historic Preservation Act. Because the survey was conducted on federal property, an Archaeological Resources Protection Act permit was obtained from USACE prior to the fieldwork. The survey was conducted on December 4, 2014. Slightly over half of the 35 acre project area has been graded or deeply filled, leaving a mostly undisturbed northern portion of wooded ridge tops and slopes. Visual inspection and excavation of 31 shovel tests failed to detect any evidence of archaeological materials (full report enclosed). For this reason USACE, Mobile District, concludes that the proposed improvements of the Hideaway Bay Marine will have no effect on archaeological resources.

As no sites were identified during the project review within the Area of Potential Effect (APE), and as long as construction occurs within the surveyed construction footprint, we have determined that the project is cleared to begin ground-disturbing activities with one exception. In the remote possibility that archaeological features or human remains are found during ground-disturbing activities on the property, the environmental manager should notify the USACE, Mobile District Archaeologist and follow existing protocols for dealing with such unanticipated discoveries. The District Archaeologist will consult with the Georgia State Historic Preservation Officer for unanticipated discoveries on our property.

We respectfully request that your office provide any comments on our finding of **No Effect** within 30 days of receipt of this letter so we may address them in a timely manner. Please direct comments or questions to Mr. Michael Fedoroff via email at Michael.P.Fedoroff@usace.army.mil or contact via phone (251) 694-4114 with any concerns.

Sincerely,

A handwritten signature in black ink, appearing to read 'Brian A. Zettle', with a stylized, sweeping flourish at the end.

Brian A. Zettle
Chief, Inland Environment Team

Enclosures



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, MOBILE DISTRICT
CORPS OF ENGINEERS
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001

February 9, 2015

Inland Environment Team
Planning and Environmental Division

SUBJECT: No Effect Determination for the Proposed Improvements at Hideaway Bay Marina, Flowery Branch, Hall County, Georgia

Dr. David Crass
State Historic Preservation Office
Department of Natural Resources, Historic Preservation Division
Jewett Center for Historic Preservation
2610 Georgia Highway 155, Southwest
Stockbridge, Georgia 30281

Dear Dr. Crass:

The existing 35-acre Hideaway Bay Marina near Flowery Branch in southern Hall County proposes to make various improvements. Because the land on which the marina is located is leased from the U.S. Army Corps of Engineers (USACE) such an undertaking requires a permit from USACE. One aspect of this permitting is compliance with the National Historic Preservation Act of 1966, which seeks to avoid, minimize, or mitigate effects on significant cultural resources. Toward this goal, a cultural resources literature review was conducted in 2012 that concluded that no historic or archaeological properties are recorded on the subject property, but both types of resources occur nearby. USACE, Mobile District, requested that a Phase I archaeological survey of the property be conducted, and Southeastern Archaeological Services was selected by the applicant to perform the work. The goal of the survey was to locate and evaluate all archaeological sites within the marina property, so that potential effects to those resources could be evaluated in accordance with Section 106 of the National Historic Preservation Act. Because the survey was conducted on federal property, an Archaeological Resources Protection Act permit was obtained from USACE prior to the fieldwork. The survey was conducted on December 4, 2014. Slightly over half of the 35 acre project area has been graded or deeply filled, leaving a mostly undisturbed northern portion of wooded ridge tops and slopes. Visual inspection and excavation of 31 shovel tests failed to detect any evidence of archaeological materials (full report enclosed). For this reason USACE, Mobile District, concludes that the proposed improvements of the Hideaway Bay Marine will have no effect on archaeological resources.



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, MOBILE DISTRICT
CORPS OF ENGINEERS
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001

Inland Environment Team
Planning and Environmental Division

SUBJECT: No Effect Determination for the Proposed Improvements at Hideaway Bay Marina, Flowery Branch, Hall County, Georgia

Honorable Bill Anoatubby
Tribal Governor
The Chickasaw Nation
Attention: Mr. Kirk Perry, Executive Officer
Division of Historic Preservation
Culture and Humanities Department
The Chickasaw Nation
Post Office Box 1548
Ada, Oklahoma 74821-1548

Dear Honorable Anoatubby:

The existing 35-acre Hideaway Bay Marina near Flowery Branch in southern Hall County proposes to make various improvements. Because the land on which the marina is located is leased from the U.S. Army Corps of Engineers (USACE) such an undertaking requires a permit from USACE. One aspect of this permitting is compliance with the National Historic Preservation Act of 1966, which seeks to avoid, minimize, or mitigate effects on significant cultural resources. Toward this goal, a cultural resources literature review was conducted in 2012 that concluded that no historic or archaeological properties are recorded on the subject property, but both types of resources occur nearby. USACE, Mobile District requested that a Phase I archaeological survey of the property be conducted, and Southeastern Archaeological Services was selected by the applicant to perform the work. The goal of the survey was to locate and evaluate all archaeological sites within the marina property, so that potential effects to those resources could be evaluated in accordance with Section 106 of the National Historic Preservation Act. Because the survey was conducted on federal property, an Archaeological Resources Protection Act permit was obtained from USACE prior to the fieldwork. The survey was conducted on December 4, 2014. Slightly over half of the 35 acre project area has been graded or deeply filled, leaving a mostly undisturbed northern portion of wooded ridge tops and slopes. Visual inspection and excavation of 31 shovel tests failed to detect any evidence of archaeological materials (full report enclosed). For this reason USACE, Mobile District concludes that the proposed improvements of the Hideaway Bay Marine will have no effect on archaeological resources.

As no cultural resources were identified during the Phase I survey of the proposed project area (report enclosed) we have determined that the project will not adversely affect cultural resources. At this time this letter is **official notification by the USACE seeking the comments of the Chickasaw Nation pertaining to the No Effects determination by the USACE**. Any additional investigations would be coordinated with the Georgia State Historic Preservation Office and the federally recognized Tribal Governments with interest in this area for comment.

We respectfully request that your office provide any comments at your earliest convenience so that we may address them in a timely manner. A copy of this correspondence will also be sent to Executive Officer of the Division of Historic Preservation Mr. Kirk Perry. Please direct comments or questions to Mr. Michael Fedoroff via email at Michael.P.Fedoroff@usace.army.mil or contact via phone 251-694-4114 with any concerns.

Sincerely,

Jon J. Chytka
Colonel, Corps of Engineers
District Commander

Enclosure



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, MOBILE DISTRICT
CORPS OF ENGINEERS
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001

Inland Environment Team
Planning and Environmental Division

SUBJECT: No Effect Determination for the Proposed Improvements at Hideaway Bay Marina, Flowery Branch, Hall County, Georgia

Honorable Michell Hicks
Principal Chief Eastern Band of the Cherokee Nation
Attention: Mr. Russell Townsend,
Tribal Historic Preservation Officer
Qualla Boundary Reservation
Post Office Box 455
Cherokee, North Carolina 28719

Dear Honorable Hicks:

The existing 35-acre Hideaway Bay Marina near Flowery Branch in southern Hall County proposes to make various improvements. Because the land on which the marina is located is leased from the U.S. Army Corps of Engineers (USACE) such an undertaking requires a permit from USACE. One aspect of this permitting is compliance with the National Historic Preservation Act of 1966, which seeks to avoid, minimize, or mitigate effects on significant cultural resources. Toward this goal, a cultural resources literature review was conducted in 2012 that concluded that no historic or archaeological properties are recorded on the subject property, but both types of resources occur nearby. USACE, Mobile District requested that a Phase I archaeological survey of the property be conducted, and Southeastern Archaeological Services was selected by the applicant to perform the work. The goal of the survey was to locate and evaluate all archaeological sites within the marina property, so that potential effects to those resources could be evaluated in accordance with Section 106 of the National Historic Preservation Act. Because the survey was conducted on federal property, an Archaeological Resources Protection Act permit was obtained from USACE prior to the fieldwork. The survey was conducted on December 4, 2014. Slightly over half of the 35 acre project area has been graded or deeply filled, leaving a mostly undisturbed northern portion of wooded ridge tops and slopes. Visual inspection and excavation of 31 shovel tests failed to detect any evidence of archaeological materials (full report enclosed). For this reason USACE, Mobile District concludes that the proposed improvements of the Hideaway Bay Marine will have no effect on archaeological resources.

As no cultural resources were identified during the Phase I survey of the proposed project area (report enclosed) we have determined that the project will not adversely affect cultural resources. At this time this letter is **official notification by the USACE seeking the comments of the Eastern Band of the Cherokee Nation pertaining to the No Effects determination by the USACE**. Any additional investigations would be coordinated with the Georgia State Historic Preservation Office and the federally recognized Tribal Governments with interest in this area for comment.

We respectfully request that your office provide any comments at your earliest convenience so that we may address them in a timely manner. A copy of this correspondence will also be sent to Tribal Historic Preservation Officer Mr. Russell Townsend. Please direct comments or questions to Mr. Michael Fedoroff via email at Michael.P.Fedoroff@usace.army.mil or contact via phone 251-694-4114 with any concerns.

Sincerely,

Jon J. Chytka
Colonel, Corps of Engineers
District Commander

Enclosure



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, MOBILE DISTRICT
CORPS OF ENGINEERS
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001

Inland Environment Team
Planning and Environmental Division

SUBJECT: No Effect Determination for the Proposed Improvements at Hideaway Bay Marina, Flowery Branch, Hall County, Georgia

Honorable George Tiger, Principal Chief
Muscogee (Creek) Nation
Attention: Mr. Emman Spain
Tribal Historic Preservation Officer
Post Office Box 580
Highway 75 at Loop 56
Okmulgee, Oklahoma 74447

Dear Honorable Tiger:

The existing 35-acre Hideaway Bay Marina near Flowery Branch in southern Hall County proposes to make various improvements. Because the land on which the marina is located is leased from the U.S. Army Corps of Engineers (USACE) such an undertaking requires a permit from USACE. One aspect of this permitting is compliance with the National Historic Preservation Act of 1966, which seeks to avoid, minimize, or mitigate effects on significant cultural resources. Toward this goal, a cultural resources literature review was conducted in 2012 that concluded that no historic or archaeological properties are recorded on the subject property, but both types of resources occur nearby. USACE, Mobile District requested that a Phase I archaeological survey of the property be conducted, and Southeastern Archaeological Services was selected by the applicant to perform the work. The goal of the survey was to locate and evaluate all archaeological sites within the marina property, so that potential effects to those resources could be evaluated in accordance with Section 106 of the National Historic Preservation Act. Because the survey was conducted on federal property, an Archaeological Resources Protection Act permit was obtained from USACE prior to the fieldwork. The survey was conducted on December 4, 2014. Slightly over half of the 35 acre project area has been graded or deeply filled, leaving a mostly undisturbed northern portion of wooded ridge tops and slopes. Visual inspection and excavation of 31 shovel tests failed to detect any evidence of archaeological materials (full report enclosed). For this reason USACE, Mobile District concludes that the proposed improvements of the Hideaway Bay Marine will have no effect on archaeological resources.

As no cultural resources were identified during the Phase I survey of the proposed project area (report enclosed) we have determined that the project will not adversely affect cultural resources. At this time this letter is **official notification by the USACE seeking the comments of the Muscogee (Creek) Nation pertaining to the No Effects determination by the USACE**. Any additional investigations would be coordinated with the Georgia State Historic Preservation Office and the federally recognized Tribal Governments with interest in this area for comment.

We respectfully request that your office provide any comments at your earliest convenience so that we may address them in a timely manner. A copy of this correspondence will also be sent to Tribal Historic Preservation Officer Mr. Emman Spain. Please direct comments or questions to Mr. Michael Fedoroff via email at Michael.P.Fedoroff@usace.army.mil or contact via phone 251-694-4114 with any concerns.

Sincerely,

Jon J. Chytka
Colonel, Corps of Engineers
District Commander

Enclosure



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, MOBILE DISTRICT
CORPS OF ENGINEERS
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001

Inland Environment Team
Planning and Environmental Division

SUBJECT: No Effect Determination for the Proposed Improvements at Hideaway Bay Marina, Flowery Branch, Hall County, Georgia

Honorable Buford L. Rolin
Chairman, Poarch Band of Creek Indians
Attention: Mr. Robert Thrower
Tribal Historic Preservation Officer
Poarch Band of Creek Indians
Acting Tribal Historian
5811 Jack Springs Road
Atmore, Alabama 36502

Dear Honorable Rolin:

The existing 35-acre Hideaway Bay Marina near Flowery Branch in southern Hall County proposes to make various improvements. Because the land on which the marina is located is leased from the U.S. Army Corps of Engineers (USACE) such an undertaking requires a permit from USACE. One aspect of this permitting is compliance with the National Historic Preservation Act of 1966, which seeks to avoid, minimize, or mitigate effects on significant cultural resources. Toward this goal, a cultural resources literature review was conducted in 2012 that concluded that no historic or archaeological properties are recorded on the subject property, but both types of resources occur nearby. USACE, Mobile District requested that a Phase I archaeological survey of the property be conducted, and Southeastern Archaeological Services was selected by the applicant to perform the work. The goal of the survey was to locate and evaluate all archaeological sites within the marina property, so that potential effects to those resources could be evaluated in accordance with Section 106 of the National Historic Preservation Act. Because the survey was conducted on federal property, an Archaeological Resources Protection Act permit was obtained from USACE prior to the fieldwork. The survey was conducted on December 4, 2014. Slightly over half of the 35 acre project area has been graded or deeply filled, leaving a mostly undisturbed northern portion of wooded ridge tops and slopes. Visual inspection and excavation of 31 shovel tests failed to detect any evidence of archaeological materials (full report enclosed). For this reason USACE, Mobile District concludes that the proposed improvements of the Hideaway Bay Marine will have no effect on archaeological resources.

As no cultural resources were identified during the Phase I survey of the proposed project area (report enclosed) we have determined that the project will not adversely affect cultural resources. At this time this letter is **official notification by the USACE seeking the comments of the Poarch Band of Creek Indians pertaining to the No Effects determination by the USACE**. Any additional investigations would be coordinated with the Georgia State Historic Preservation Office and the federally recognized Tribal Governments with interest in this area for comment.

We respectfully request that your office provide any comments at your earliest convenience so that we may address them in a timely manner. A copy of this correspondence will also be sent to Tribal Historic Preservation Officer, Mr. Robert Throer. Please direct comments or questions to Mr. Michael Fedoroff via email at Michael.P.Fedoroff@usace.army.mil or contact via phone 251-694-4114 with any concerns.

Sincerely,

Jon J. Chytka
Colonel, Corps of Engineers
District Commander

Enclosure



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, MOBILE DISTRICT
CORPS OF ENGINEERS
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001

Inland Environment Team
Planning and Environmental Division

SUBJECT: No Effect Determination for the Proposed Improvements at Hideaway Bay Marina, Flowery Branch, Hall County, Georgia

Honorable George Scott, Town King
Thlopthlocco Tribal Town
Attention: Mr. Charles Coleman
Tribal Historic Preservation Officer
Thlopthlocco Tribal Town
Route 1, Box 190-A
Wetumka, Oklahoma 74880

Dear Honorable Scott:

The existing 35-acre Hideaway Bay Marina near Flowery Branch in southern Hall County proposes to make various improvements. Because the land on which the marina is located is leased from the U.S. Army Corps of Engineers (USACE) such an undertaking requires a permit from USACE. One aspect of this permitting is compliance with the National Historic Preservation Act of 1966, which seeks to avoid, minimize, or mitigate effects on significant cultural resources. Toward this goal, a cultural resources literature review was conducted in 2012 that concluded that no historic or archaeological properties are recorded on the subject property, but both types of resources occur nearby. USACE, Mobile District requested that a Phase I archaeological survey of the property be conducted, and Southeastern Archaeological Services was selected by the applicant to perform the work. The goal of the survey was to locate and evaluate all archaeological sites within the marina property, so that potential effects to those resources could be evaluated in accordance with Section 106 of the National Historic Preservation Act. Because the survey was conducted on federal property, an Archaeological Resources Protection Act permit was obtained from USACE prior to the fieldwork. The survey was conducted on December 4, 2014. Slightly over half of the 35 acre project area has been graded or deeply filled, leaving a mostly undisturbed northern portion of wooded ridge tops and slopes. Visual inspection and excavation of 31 shovel tests failed to detect any evidence of archaeological materials (full report enclosed). For this reason USACE, Mobile District concludes that the proposed improvements of the Hideaway Bay Marine will have no effect on archaeological resources.

As no cultural resources were identified during the Phase I survey of the proposed project area (report enclosed) we have determined that the project will not adversely affect cultural resources. At this time this letter is **official notification by the USACE seeking the comments of the Thlopthlocco Tribal Town pertaining to the No Effects determination by the USACE**. Any additional investigations would be coordinated with the Georgia State Historic Preservation Office and the federally recognized Tribal Governments with interest in this area for comment.

We respectfully request that your office provide any comments at your earliest convenience so that we may address them in a timely manner. A copy of this correspondence will also be sent to Tribal Historic Preservation Officer Mr. Charles Coleman. Please direct comments or questions to Mr. Michael Fedoroff via email at Michael.P.Fedoroff@usace.army.mil or contact via phone 251-694-4114 with any concerns.

Sincerely,

Jon J. Chytka
Colonel, Corps of Engineers
District Commander

Enclosure



REPLY TO
ATTENTION OF:

**DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, MOBILE DISTRICT
CORPS OF ENGINEERS
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001**

Inland Environment Team
Planning and Environmental Division

SUBJECT: No Effect Determination for the Proposed Improvements at Hideaway Bay Marina, Flowery Branch, Hall County, Georgia

Mr. Greg Pyle
Chief, Choctaw Nation of Oklahoma
Attention: Ms. Lindsey Bilyeu
Reviewer, Historic Preservation Department
Choctaw Nation of Oklahoma
Post Office Drawer 1210
Durant, Oklahoma 74701

Dear Chief Pyle:

The existing 35-acre Hideaway Bay Marina near Flowery Branch in southern Hall County proposes to make various improvements. Because the land on which the marina is located is leased from the U.S. Army Corps of Engineers (USACE) such an undertaking requires a permit from USACE. One aspect of this permitting is compliance with the National Historic Preservation Act of 1966, which seeks to avoid, minimize, or mitigate effects on significant cultural resources. Toward this goal, a cultural resources literature review was conducted in 2012 that concluded that no historic or archaeological properties are recorded on the subject property, but both types of resources occur nearby. USACE, Mobile District requested that a Phase I archaeological survey of the property be conducted, and Southeastern Archaeological Services was selected by the applicant to perform the work. The goal of the survey was to locate and evaluate all archaeological sites within the marina property, so that potential effects to those resources could be evaluated in accordance with Section 106 of the National Historic Preservation Act. Because the survey was conducted on federal property, an Archaeological Resources Protection Act permit was obtained from USACE prior to the fieldwork. The survey was conducted on December 4, 2014. Slightly over half of the 35 acre project area has been graded or deeply filled, leaving a mostly undisturbed northern portion of wooded ridge tops and slopes. Visual inspection and excavation of 31 shovel tests failed to detect any evidence of archaeological materials (full report enclosed). For this reason USACE, Mobile District concludes that the proposed improvements of the Hideaway Bay Marine will have no effect on archaeological resources.

As no cultural resources were identified during the Phase I survey of the proposed project area (report enclosed) we have determined that the project will not adversely affect cultural resources. At this time this letter is **official notification by the USACE seeking the comments of the Choctaw Nation of Oklahoma pertaining to the No Effects determination by the USACE**. Any additional investigations would be coordinated with the Georgia State Historic Preservation Office and the federally recognized Tribal Governments with interest in this area for comment.

We respectfully request that your office provide any comments at your earliest convenience so that we may address them in a timely manner. A copy of this correspondence will also be sent to Historic Preservation Department Reviewer Ms. Lindsey Bilyeu. Please direct comments or questions to Mr. Michael Fedoroff via email at Michael.P.Fedoroff@usace.army.mil or contact via phone 251-694-4114 with any concerns.

Sincerely,

Jon J. Chytka
Colonel, Corps of Engineers
District Commander

Enclosure

Jake Irwin

From: Fedoroff, Michael P SAM [Michael.P.Fedoroff@usace.army.mil]
Sent: Wednesday, April 08, 2015 11:57 AM
To: Zettle, Brian A SAM
Cc: Bulger, Heather P SAM
Subject: FW: Improvements to Hideaway Bay Marina, 6334 Mitchell St, Flowery Branch, Hall Co, HP 150223-012 (UNCLASSIFIED)
Attachments: Hall HP 150223-012 Apr 8 2015.pdf

Classification: UNCLASSIFIED
Caveats: NONE

FYI, SHPO concurrence came in today.

In Service,

Michael P. Fedoroff RPA
District Archaeologist/ Tribal Liaison
USACE Inland Environmental Team
Planning and Environmental Division
Mobile District
CESAM-PD-EI
109 St. Joseph Street
PO Box 2288
Mobile, Al 36602
Office: 251-694-4114
Blackberry: 251-263-3190
Michael.P.Fedoroff@usace.army.mil

-----Original Message-----

From: HPD-106reply [<mailto:HPD-106reply@dnr.ga.gov>]
Sent: Wednesday, April 08, 2015 10:53 AM
To: Fedoroff, Michael P SAM
Subject: [EXTERNAL] Improvements to Hideaway Bay Marina, 6334 Mitchell St, Flowery Branch, Hall Co, HP 150223-012

From: Historic Preservation Division

Attached is our letter on the subject undertaking (in Adobe Acrobat PDF format)

Do not respond to this e-mail.

If you have any questions concerning our letter, please contact:

Jennifer Bedell at Jennifer.Bedell@dnr.state.ga.us

A free copy of Adobe Acrobat Reader can be downloaded from: www.adobe.com <<http://www.adobe.com/>>

Classification: UNCLASSIFIED
Caveats: NONE

MARK WILLIAMS
COMMISSIONER

DR. DAVID CRASS
DIVISION DIRECTOR

April 8, 2015

Brian A. Zettle
Chief, Inland Environmental Team
Mobile District, Corps of Engineers
Post Office Box 2288
Mobile, Alabama 36628-0001
Attn: Michael Federoff

**RE: Improvements to Hideaway Bay Marina, 6334 Mitchell Street, Flowery Branch
Hall County, Georgia
HP-150223-012**

Dear Mr. Zettle:

The Historic Preservation Division (HPD) has reviewed the draft survey report entitled, *Archaeological Survey of Proposed Improvements at Hideaway Bay Marina, Hall County, Georgia*, prepared by Southeastern Archaeological Services, Inc. and dated January 23, 2015. Our comments are offered to assist the US Army Corps of Engineers (USACE) in complying with the provisions of Section 106 of the National Historic Preservation Act (NHPA).

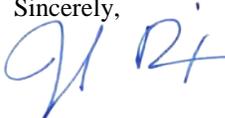
The subject project consists of various improvements to the 35-acre Hideaway Bay Marina near Flowery Branch. Based on the information contained in the report, HPD concurs that no archaeological resources that are listed or eligible for listing in the National Register of Historic Places will be affected by this undertaking, as defined in 36 CFR Part 800.4(d)(1). Additionally, HPD offers the following comments regarding the report:

- Align figures with the appropriate description in both the text or the List of Figures, as there appears to be discrepancies.
- Include a photograph of an example shovel test excavation.
- Include a discussion of the types of soils encountered in the shovel tests or the depths of shovel tests. A table and/or text containing this data should be added to the Field Survey section of the report.

Please submit one electronic copy of the final report to HPD. The final report should be revised to address HPD comments. Please ensure the electronic copy is an optical character recognition enabled .pdf. For your information, the electronic copy will be sent to the Georgia Archaeological Site File at the University of Georgia-Athens for permanent retention.

This letter evidences consultation with our office for compliance with Section 106 of the NHPA. It is important to remember that any future changes to this project as it is currently proposed may require additional consultation. HPD encourages federal agencies and project applicants to discuss such changes with our office to ensure that potential effects to historic resources are adequately considered in project planning.

Please refer to project number **HP-150223-012** in any future correspondence regarding this project. If we may be of further assistance, please do not hesitate to contact Jennifer Bedell, Archaeology Compliance Manager at (770) 389-7861 or jennifer.bedell@dnr.state.ga.us.

Sincerely,


Jennifer Dixon, MHP, LEED Green Associate
Program Manager
Environmental Review & Preservation Planning

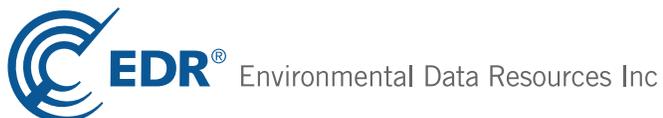
Appendix F
EDR Environmental Database Report

Hideaway Bay Marina

6334 Mitchell Street
Flowery Branch, GA 30542

Inquiry Number: 3455667.2s
November 14, 2012

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	7
Orphan Summary	28
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-13
Physical Setting Source Map Findings	A-15
Physical Setting Source Records Searched	A-21

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

Disclaimer - Copyright and Trademark Notice

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

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

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

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

6334 MITCHELL STREET
FLOWERY BRANCH, GA 30542

COORDINATES

Latitude (North): 34.1837000 - 34° 11' 1.32"
Longitude (West): 83.9379000 - 83° 56' 16.44"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 229226.5
UTM Y (Meters): 3786232.0
Elevation: 1077 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 34083-B8 FLOWERY BRANCH, GA
Most Recent Revision: 1973

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
STARBOARD MARINA ENTERPRISES 6334 MITCHELL ST FLOWERY BRANCH, GA 30542	FINDS	N/A
HIDEAWAY BAY MARINA 6334 MITCHELL ST FLOWERY BRANCH, GA 30542	LUST UST SPILLS FINANCIAL ASSURANCE	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... Hazardous Site Inventory

EXECUTIVE SUMMARY

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

AST..... Above Ground Storage Tanks

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

FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

AUL..... Uniform Environmental Covenants

INST CONTROL..... Public Record List

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

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

ODI..... Open Dump Inventory

HIST LF..... Historical Landfills

SWRCY..... Recycling Center Listing

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

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

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

EXECUTIVE SUMMARY

Other Ascertainable Records

RCRA-NonGen.....	RCRA - Non Generators
DOT OPS.....	Incident and Accident Data
FUDS.....	Formerly Used Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
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
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH.....	Coal Ash Disposal Site Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
PRP.....	Potentially Responsible Parties

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.

EXECUTIVE SUMMARY

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 07/03/2012 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CIRCLE M FOOD SHOP #19</i>	<i>5504 SPOUT SPRINGS RD</i>	<i>E 1/4 - 1/2 (0.444 mi.)</i>	<i>4</i>	<i>14</i>
<i>BEST BUY QUALITY FOODS</i>	<i>5415 ATLANTA HWY</i>	<i>E 1/4 - 1/2 (0.486 mi.)</i>	<i>5</i>	<i>24</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 is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>EXXON FOOD MART</i>	<i>5775 PHIL NIEKRO BLVD</i>	<i>E 1/8 - 1/4 (0.192 mi.)</i>	<i>3</i>	<i>12</i>

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

DOD: 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.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

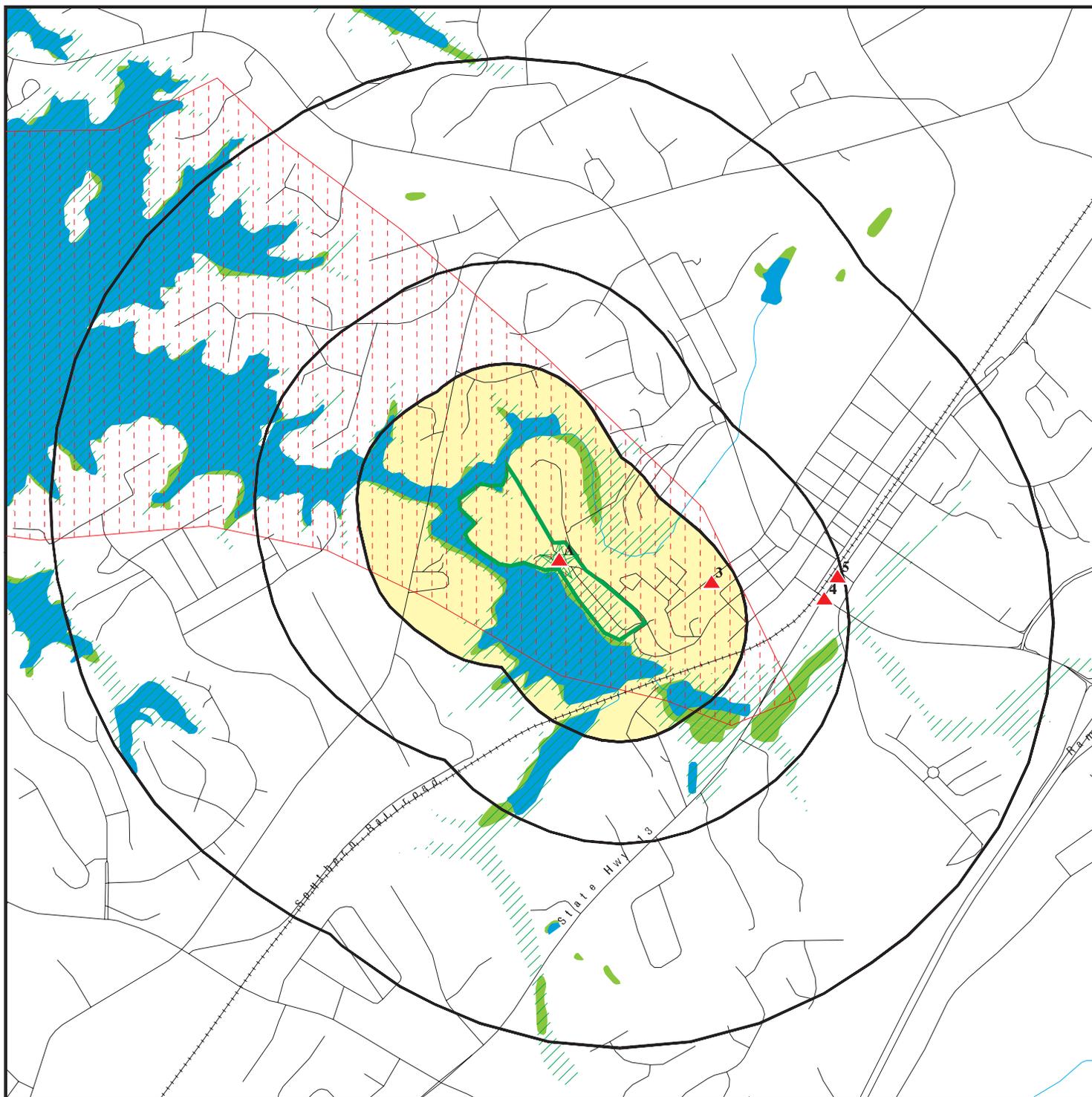
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>LAKE SIDNEY LANIER</i>		<i>0 - 1/8 (0.000 mi.)</i>	<i>0</i>	<i>12</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

<u>Site Name</u>	<u>Database(s)</u>
COUNTRY CUPBOARD #37	AST
MINIT SAVE FOOD STORE #1	AST
PETROFAST #13	AST
LAZY DAYS MARINA	SPILLS

OVERVIEW MAP - 3455667.2s



-  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

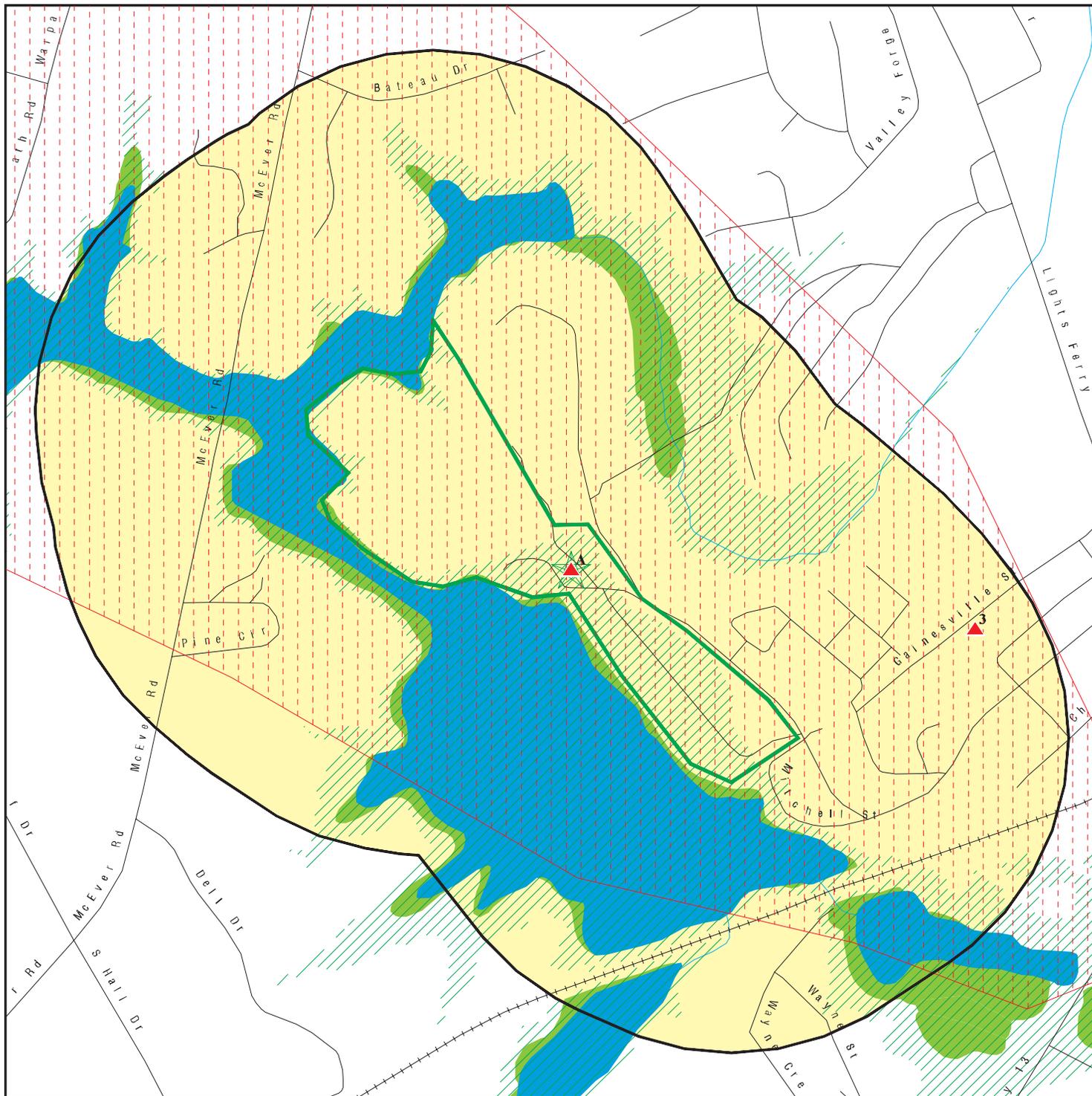


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Hideaway Bay Marina
 ADDRESS: 6334 Mitchell Street
 Flowery Branch GA 30542
 LAT/LONG: 34.1837 / 83.9379

CLIENT: Mill Creek Environmental Svc.
 CONTACT: Jake Irwin
 INQUIRY #: 3455667.2s
 DATE: November 14, 2012 4:57 pm

DETAIL MAP - 3455667.2s



-  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: Hideaway Bay Marina
 ADDRESS: 6334 Mitchell Street
 Flowery Branch GA 30542
 LAT/LONG: 34.1837 / 83.9379

CLIENT: Mill Creek Environmental Svc.
 CONTACT: Jake Irwin
 INQUIRY #: 3455667.2s
 DATE: November 14, 2012 5:00 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
GA NON-HSI	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500	1	0	0	2	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST	0.250	1	0	1	NR	NR	NR	2

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	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VIC	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	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
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
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
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP	1	NR	NR	NR	NR	NR	1
Other Ascertainable Records								
RCRA-NonGen	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		1	0	0	0	NR	1
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	1	NR	NR	NR	NR	NR	1
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
FINANCIAL ASSURANCE	TP	1	NR	NR	NR	NR	NR	1
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000		0	0	0	0	NR	0
-------------------------	-------	--	---	---	---	---	----	---

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1 STARBOARD MARINA ENTERPRISES
Target 6334 MITCHELL ST
Property FLOWERY BRANCH, GA 30542

FINDS 1006776973
N/A

Site 1 of 2 in cluster A

Actual:
1077 ft.

FINDS:

Registry ID: 110013462760

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.

A2 HIDEAWAY BAY MARINA
Target 6334 MITCHELL ST
Property FLOWERY BRANCH, GA 30542

LUST U001480125
UST N/A
SPILLS
FINANCIAL ASSURANCE

Site 2 of 2 in cluster A

Actual:
1077 ft.

LUST:

Facility ID: 00690069
Leak ID: 1
Description: Confirmed Release Received
Cleanup Status: NFA -Monitoring Only (MNA)
Date Received: 08/18/2005
Project Officer: Badru,Abiola

Facility ID: 00690069
Leak ID: 2
Description: Suspected Release Received
Cleanup Status: NFA - Suspected Release
Date Received: 08/04/2006
Project Officer: Knowles,Gilda A

Facility:

Facility Id: 690069
Facility Status: Active
Facility Type: Not Marked
District: North East
Contact Id: 58919
Owner Name: HIDEAWAY BAY MARINA
Owner Address: 6334 MITCHELL ST
Owner City: FLOWERY BRANCH
Owner State: GA
Owner Zip: 30542
Owner City,St,Zip: FLOWERY BRANCH, GA 30542
Owner Telephone: 770-967-5500

Tanks:

Facility ID: 690069
Tank ID: 1
Status Date: 03/05/1976
Status: **Installed**
Product1: Gas
Material: Bare Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HIDEAWAY BAY MARINA (Continued)

U001480125

Capacity: 3000
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: 690069
Tank ID: 1
Status Date: 03/24/1993
Status: Removed From Ground
Product1: Gas
Material: Bare Steel
Capacity: 3000
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: 690069
Tank ID: 1
Status Date: Not reported
Status: Upgrade Repair Not Marked
Product1: Gas
Material: Bare Steel
Capacity: 3000
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: 690069
Tank ID: 2
Status Date: 03/05/1976
Status: Installed
Product1: Gas
Material: Bare Steel
Capacity: 1000
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: 690069
Tank ID: 2
Status Date: 03/24/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HIDEAWAY BAY MARINA (Continued)

U001480125

Status: Removed From Ground
Product1: Gas
Material: Bare Steel
Capacity: 1000
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: 690069
Tank ID: 2
Status Date: Not reported
Status: Upgrade Repair Not Marked
Product1: Gas
Material: Bare Steel
Capacity: 1000
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: 690069
Tank ID: 3
Status Date: 03/05/1976
Status: Installed
Product1: Gas
Material: Bare Steel
Capacity: 2000
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: 690069
Tank ID: 3
Status Date: 03/24/1993
Status: Removed From Ground
Product1: Gas
Material: Bare Steel
Capacity: 2000
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

HIDEAWAY BAY MARINA (Continued)

U001480125

Facility ID: 690069
Tank ID: 3
Status Date: Not reported
Status: Upgrade Repair Not Marked
Product1: Gas
Material: Bare Steel
Capacity: 2000
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: 690069
Tank ID: 4
Status Date: 04/05/1993
Status: Currently In Use
Product1: Gas
Material: Fiberglass Double Walled
Capacity: 10000
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 04/01/1997
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 04/01/1997

Facility ID: 690069
Tank ID: 4
Status Date: 04/05/1993
Status: Installed
Product1: Gas
Material: Fiberglass Double Walled
Capacity: 10000
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 04/01/1997
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 04/01/1997

SPILLS:

CTS Number: Not reported
Spill Number: Not reported
UN Number: Not reported
UN Number2: Not reported
Report Number: Not reported
Report Date: Not reported
Report Time: Not reported
Spill Date: Not reported
Spill Time: Not reported
Incident Type: Not reported
Material Involved: GASOLINE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HIDEAWAY BAY MARINA (Continued)

U001480125

Quantity:	Not reported
Phase:	Not reported
Radioactive:	Not reported
Waterway Impctd:	Not reported
Evacuation:	Not reported
Caller:	Not reported
Organization:	Not reported
Org Phone:	Not reported
Primary Concern:	Not reported
Associate Name:	Not reported
Investigation Date:	Not reported
Resolved:	Not reported
Closure Date:	Not reported
Ten Days Follow Up:	Not reported
Transferred Record:	Not reported
Emergency Units:	Not reported
Responsible Prty:	Not reported
RP Contact:	Not reported
RP Address:	Not reported
RP Phone:	Not reported
RP City:	Not reported
Action Code:	Not reported
Action:	Not reported
Investigator:	Not reported
EOC Operator:	Not reported
Time EOC Notifd:	Not reported
Time Dispatched:	Not reported
Complaint Code:	Not reported
Complaint ID:	Not reported
Complaint Referred:	Not reported
Report Sum:	Not reported
At:	Not reported
DDO:	Not reported
Date Recieved:	Not reported
Referred:	Not reported
Substance:	GASOLINE
Location:	LAKE LANIER
Source:	Not reported
Details:	Not reported
Additional Info:	Not reported
Incident Type:	Not reported
Incident:	Not reported

GA FINANCIAL ASSURANCE:

Region:	1
Facility ID:	690069
Financial Responsibility:	G.U.S.T. Trust Fund

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOD
Region

LAKE SIDNEY LANIER
LAKE SIDNEY LANIER (County), GA

DOD CUSA142658
N/A

< 1/8
1 ft.

DOD:

Feature 1: Army Corps of Engineers DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: Lake Sidney Lanier
Name 2: Not reported
Name 3: Not reported
State: GA
DOD Site: Yes
Tile name: GAHALL

3
East
1/8-1/4
0.192 mi.
1016 ft.

EXXON FOOD MART
5775 PHIL NIEKRO BLVD
FLOWERY BRANCH, GA 30542

UST U003920846
FINANCIAL ASSURANCE N/A

Relative:
Higher

Facility:

Facility Id: 9069233
Facility Status: Active
Facility Type: Gas Station
District: North East
Contact Id: 9759
Owner Name: HALL CREEK CENTER LLC
Owner Address: PO BOX 1565
Owner City: LAWRENCEVILLE
Owner State: GA
Owner Zip: 30046
Owner City,St,Zip: LAWRENCEVILLE, GA 30046
Owner Telephone: 770-338-2620

Actual:
1156 ft.

Tanks:

Facility ID: 9069233
Tank ID: 1
Status Date: 01/20/2000
Status: Currently In Use
Product1: Gas
Material: Composite
Capacity: 12000
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 11/05/2001
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 11/05/2001

Facility ID: 9069233
Tank ID: 1
Status Date: 01/20/2000
Status: Installed
Product1: Gas

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON FOOD MART (Continued)

U003920846

Material: Composite
Capacity: 12000
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 11/05/2001
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 11/05/2001

Facility ID: 9069233
Tank ID: 2
Status Date: 01/20/2000
Status: Currently In Use
Product1: Gas
Material: Composite
Capacity: 10000
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 11/05/2001
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 11/05/2001

Facility ID: 9069233
Tank ID: 2
Status Date: 01/20/2000
Status: Installed
Product1: Gas
Material: Composite
Capacity: 10000
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 11/05/2001
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 11/05/2001

Facility ID: 9069233
Tank ID: 3
Status Date: 01/20/2000
Status: Currently In Use
Product1: Diesel
Material: Composite
Capacity: 8000
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 11/05/2001
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 11/05/2001

Facility ID: 9069233
Tank ID: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON FOOD MART (Continued)

U003920846

Status Date: 01/20/2000
Status: Installed
Product1: Diesel
Material: Composite
Capacity: 8000
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 11/05/2001
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 11/05/2001

GA FINANCIAL ASSURANCE:

Region: 1
Facility ID: 9069233
Financial Responsibility: Insurance

4
East
1/4-1/2
0.444 mi.
2344 ft.

CIRCLE M FOOD SHOP #19
5504 SPOUT SPRINGS RD
FLOWERY BRANCH, GA 30542

RCRA-NonGen **1000507988**
FINDS **GAD984308890**
LUST
UST
FINANCIAL ASSURANCE

Relative:
Higher

RCRA-NonGen:

Actual:
1106 ft.

Date form received by agency: 04/11/2000
Facility name: CIRCLE M FOOD SHOP #19
Facility address: 5504 SPOUT SPRINGS RD
FLOWERY BRANCH, GA 30542
EPA ID: GAD984308890
Mailing address: PO BOX 2276
GAINESVILLE, GA 30503
Contact: ANDREW WILLIAMS
Contact address: PO BOX 2276
GAINESVILLE, GA 30503
Contact country: US
Contact telephone: (404) 534-4916
Contact email: Not reported
EPA Region: 04
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CLIPPER PETROLEUM INC
Owner/operator address: PO BOX 2276
GAINESVILLE, GA 30503
Owner/operator country: Not reported
Owner/operator telephone: (404) 534-4916
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE M FOOD SHOP #19 (Continued)

1000507988

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 11/21/1995
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005700704

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.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE M FOOD SHOP #19 (Continued)

1000507988

LUST:

Facility ID: 00690051
Leak ID: 1
Description: Confirmed Release Received
Cleanup Status: NFA - No Further Action
Date Received: 06/20/2002
Project Officer: Tam,Stanley

Facility:

Facility Id: 690051
Facility Status: Active
Facility Type: Gas Station
District: North East
Contact Id: 50520
Owner Name: WAYNE AND JO MASON
Owner Address: 5504 SPOUT SPRINGS RD
Owner City: FLOWERY BRANCH
Owner State: GA
Owner Zip: 30542
Owner City,St,Zip: FLOWERY BRANCH, GA 30542
Owner Telephone: 770-287-7079

Tanks:

Facility ID: 690051
Tank ID: 1
Status Date: 05/01/1978
Status: Installed
Product1: Gas
Material: Bare Steel
Capacity: 4000
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: 690051
Tank ID: 1
Status Date: 10/01/1988
Status: Removed From Ground
Product1: Gas
Material: Bare Steel
Capacity: 4000
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: 690051
Tank ID: 1
Status Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE M FOOD SHOP #19 (Continued)

1000507988

Status: Upgrade Repair Not Marked
Product1: Gas
Material: Bare Steel
Capacity: 4000
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: 690051
Tank ID: 2
Status Date: 05/01/1978
Status: Installed
Product1: Gas
Material: Bare Steel
Capacity: 4000
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: 690051
Tank ID: 2
Status Date: 10/01/1988
Status: Removed From Ground
Product1: Gas
Material: Bare Steel
Capacity: 4000
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: 690051
Tank ID: 2
Status Date: Not reported
Status: Upgrade Repair Not Marked
Product1: Gas
Material: Bare Steel
Capacity: 4000
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 ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE M FOOD SHOP #19 (Continued)

1000507988

Facility ID: 690051
Tank ID: 3
Status Date: 05/01/1978
Status: Installed
Product1: Gas
Material: Bare Steel
Capacity: 4000
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: 690051
Tank ID: 3
Status Date: 10/01/1988
Status: Removed From Ground
Product1: Gas
Material: Bare Steel
Capacity: 4000
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: 690051
Tank ID: 3
Status Date: Not reported
Status: Upgrade Repair Not Marked
Product1: Gas
Material: Bare Steel
Capacity: 4000
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: 690051
Tank ID: 4
Status Date: 05/01/1978
Status: Installed
Product1: Diesel
Material: Bare Steel
Capacity: 1000
Pipe Material: Galvanized Steel
Pipe Type: Not Marked
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

CIRCLE M FOOD SHOP #19 (Continued)

1000507988

Date Spill Device Installed: Not reported

Facility ID: 690051
Tank ID: 4
Status Date: 10/01/1988
Status: Removed From Ground
Product1: Diesel
Material: Bare Steel
Capacity: 1000
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: 690051
Tank ID: 4
Status Date: Not reported
Status: Upgrade Repair Not Marked
Product1: Diesel
Material: Bare Steel
Capacity: 1000
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: 690051
Tank ID: 5
Status Date: 10/01/1988
Status: Cathodically Prot
Product1: Diesel
Material: STIP-3
Capacity: 5200
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 10/01/1988
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/01/1988

Facility ID: 690051
Tank ID: 5
Status Date: 10/01/1988
Status: Currently In Use
Product1: Diesel
Material: STIP-3
Capacity: 5200
Pipe Material: Double Walled Flex
Pipe Type: Pressure

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE M FOOD SHOP #19 (Continued)

1000507988

Overfill Protection: Not reported
Overfill Installed: 10/01/1988
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/01/1988

Facility ID: 690051
Tank ID: 5
Status Date: 10/01/1988
Status: Installed
Product1: Diesel
Material: STIP-3
Capacity: 5200
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 10/01/1988
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/01/1988

Facility ID: 690051
Tank ID: 6
Status Date: 10/01/1988
Status: Cathodically Prot
Product1: Kerosene
Material: STIP-3
Capacity: 3000
Pipe Material: Double Walled Flex
Pipe Type: Suction: No Valve At The Tank
Overfill Protection: Not reported
Overfill Installed: 10/01/1988
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/01/1988

Facility ID: 690051
Tank ID: 6
Status Date: 10/01/1988
Status: Currently In Use
Product1: Kerosene
Material: STIP-3
Capacity: 3000
Pipe Material: Double Walled Flex
Pipe Type: Suction: No Valve At The Tank
Overfill Protection: Not reported
Overfill Installed: 10/01/1988
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/01/1988

Facility ID: 690051
Tank ID: 6
Status Date: 10/01/1988
Status: Installed
Product1: Kerosene
Material: STIP-3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE M FOOD SHOP #19 (Continued)

1000507988

Capacity: 3000
Pipe Material: Double Walled Flex
Pipe Type: Suction: No Valve At The Tank
Overfill Protection: Not reported
Overfill Installed: 10/01/1988
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/01/1988

Facility ID: 690051
Tank ID: 7
Status Date: 10/01/1988
Status: Cathodically Prot
Product1: Diesel
Material: STIP-3
Capacity: 8200
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 10/01/1988
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/01/1988

Facility ID: 690051
Tank ID: 7
Status Date: 10/01/1988
Status: Currently In Use
Product1: Diesel
Material: STIP-3
Capacity: 8200
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 10/01/1988
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/01/1988

Facility ID: 690051
Tank ID: 7
Status Date: 10/01/1988
Status: Installed
Product1: Diesel
Material: STIP-3
Capacity: 8200
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 10/01/1988
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/01/1988

Facility ID: 690051
Tank ID: 8
Status Date: 10/01/1988

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE M FOOD SHOP #19 (Continued)

1000507988

Status: Cathodically Prot
Product1: Gas
Material: STIP-3
Capacity: 8200
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 10/01/1988
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/01/1988

Facility ID: 690051
Tank ID: 8
Status Date: 10/01/1988
Status: Currently In Use
Product1: Gas
Material: STIP-3
Capacity: 8200
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 10/01/1988
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/01/1988

Facility ID: 690051
Tank ID: 8
Status Date: 10/01/1988
Status: Installed
Product1: Gas
Material: STIP-3
Capacity: 8200
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 10/01/1988
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/01/1988

Facility ID: 690051
Tank ID: 9
Status Date: 10/01/1988
Status: Cathodically Prot
Product1: Gas
Material: STIP-3
Capacity: 10000
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 10/01/1988
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/01/1988

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE M FOOD SHOP #19 (Continued)

1000507988

Facility ID: 690051
Tank ID: 9
Status Date: 10/01/1988
Status: Currently In Use
Product1: Gas
Material: STIP-3
Capacity: 10000
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 10/01/1988
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/01/1988

Facility ID: 690051
Tank ID: 9
Status Date: 10/01/1988
Status: Installed
Product1: Gas
Material: STIP-3
Capacity: 10000
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 10/01/1988
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/01/1988

Facility ID: 690051
Tank ID: 9
Status Date: 10/01/1988
Status: Temporarily Out Of Use
Product1: Gas
Material: STIP-3
Capacity: 10000
Pipe Material: Double Walled Flex
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 10/01/1988
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/01/1988

GA FINANCIAL ASSURANCE:

Region: 1
Facility ID: 690051
Financial Responsibility: G.U.S.T. Trust Fund

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

5
East
1/4-1/2
0.486 mi.
2565 ft.

BEST BUY QUALITY FOODS
5415 ATLANTA HWY
FLOWERY BRANCH, GA 30542

FINDS 1006792947
LUST N/A
UST
FINANCIAL ASSURANCE

Relative:
Higher

FINDS:

Registry ID: 110013623944

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.

Actual:
1103 ft.

LUST:

Facility ID: 09069052
Leak ID: 1
Description: Confirmed Release Received
Cleanup Status: In Remediation
Date Received: 07/31/2006
Project Officer: Humphris,David D

Facility:

Facility Id: 9069052
Facility Status: Active
Facility Type: Gas Station
District: North East
Contact Id: 54764
Owner Name: RANZA INC
Owner Address: 5415 ATLANTA HWY
Owner City: FLOWERY BRANCH
Owner State: GA
Owner Zip: 30542
Owner City,St,Zip: FLOWERY BRANCH, GA 30542
Owner Telephone: 770-967-6962

Tanks:

Facility ID: 9069052
Tank ID: 1
Status Date: 08/01/1998
Status: Cathodically Prot
Product1: Gas
Material: Steel-Impressed Current
Capacity: 10000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 12/01/1998
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 12/01/1998

Facility ID: 9069052
Tank ID: 1
Status Date: 01/01/1978

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEST BUY QUALITY FOODS (Continued)

1006792947

Status: **Currently In Use**
Product1: Gas
Material: Steel-Impressed Current
Capacity: 10000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 12/01/1998
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 12/01/1998

Facility ID: 9069052
Tank ID: 1
Status Date: 01/01/1978
Status: **Installed**
Product1: Gas
Material: Steel-Impressed Current
Capacity: 10000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 12/01/1998
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 12/01/1998

Facility ID: 9069052
Tank ID: 2
Status Date: 08/01/1998
Status: **Cathodically Prot**
Product1: Gas
Material: Steel-Impressed Current
Capacity: 8000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 12/01/1998
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 12/01/1998

Facility ID: 9069052
Tank ID: 2
Status Date: 01/01/1978
Status: **Currently In Use**
Product1: Gas
Material: Steel-Impressed Current
Capacity: 8000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 12/01/1998
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 12/01/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEST BUY QUALITY FOODS (Continued)

1006792947

Facility ID: 9069052
Tank ID: 2
Status Date: 01/01/1978
Status: Installed
Product1: Gas
Material: Steel-Impressed Current
Capacity: 8000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 12/01/1998
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 12/01/1998

Facility ID: 9069052
Tank ID: 3
Status Date: 08/01/1998
Status: Cathodically Prot
Product1: Gas
Material: Steel-Impressed Current
Capacity: 8000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 12/01/1998
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 12/01/1998

Facility ID: 9069052
Tank ID: 3
Status Date: 01/01/1978
Status: Currently In Use
Product1: Gas
Material: Steel-Impressed Current
Capacity: 8000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 12/01/1998
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 12/01/1998

Facility ID: 9069052
Tank ID: 3
Status Date: 01/01/1978
Status: Installed
Product1: Gas
Material: Steel-Impressed Current
Capacity: 8000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 12/01/1998
Tank Exempt From Spill: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEST BUY QUALITY FOODS (Continued)

1006792947

Date Spill Device Installed: 12/01/1998

GA FINANCIAL ASSURANCE:

Region: 1
Facility ID: 9069052
Financial Responsibility: G.U.S.T. Trust Fund

Count: 4 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FLOWERY BRANCH	A100331844	COUNTRY CUPBOARD #37	GA & HWY 53		AST
FLOWERY BRANCH	A100331868	MINIT SAVE FOOD STORE #1	ATLANTA HWY		AST
FLOWERY BRANCH	S103538618	LAZY DAYS MARINA	LAZY DAYS MARINA ON HOLIDAY RD		SPILLS
FLOWERY BRANCH	A100331893	PETROFAST #13	4357 A WINDER HWY		AST

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: 06/07/2012	Source: EPA
Date Data Arrived at EDR: 07/05/2012	Telephone: N/A
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 01/21/2013
	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: 06/07/2012	Source: EPA
Date Data Arrived at EDR: 07/05/2012	Telephone: N/A
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 01/21/2013
	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: 06/07/2012	Source: EPA
Date Data Arrived at EDR: 07/05/2012	Telephone: N/A
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 01/21/2013
	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: 10/18/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/10/2012
	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: 10/09/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/21/2013
	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: 10/18/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/10/2012
	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: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
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: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
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: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
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: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
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: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
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: 07/18/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/24/2012	Telephone: 703-603-0695
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 11/05/2012
Number of Days to Update: 104	Next Scheduled EDR Contact: 12/24/2012
	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: 07/18/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/24/2012	Telephone: 703-603-0695
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 11/05/2012
Number of Days to Update: 104	Next Scheduled EDR Contact: 12/24/2012
	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	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 05/21/2012
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/03/2012
	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: 04/02/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 04/03/2012	Telephone: 202-267-2180
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 10/02/2012
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/14/2013
	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: 07/01/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/05/2012	Telephone: 404-657-8600
Date Made Active in Reports: 07/25/2012	Last EDR Contact: 10/01/2012
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/14/2013
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NON HSI: Non-Hazardous Site Inventory

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

Date of Government Version: 07/01/2012	Source: Rindt-McDuff Associates, Inc.
Date Data Arrived at EDR: 07/16/2012	Telephone: N/A
Date Made Active in Reports: 08/23/2012	Last EDR Contact: 10/23/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 01/14/2013
	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: 11/09/2012
	Next Scheduled EDR Contact: 02/18/2013
	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: 07/03/2012	Source: Environmental Protection Division
Date Data Arrived at EDR: 09/19/2012	Telephone: 404-362-2687
Date Made Active in Reports: 09/26/2012	Last EDR Contact: 09/19/2012
Number of Days to Update: 7	Next Scheduled EDR Contact: 12/31/2012
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2012	Source: EPA Region 1
Date Data Arrived at EDR: 05/09/2012	Telephone: 617-918-1313
Date Made Active in Reports: 07/10/2012	Last EDR Contact: 11/01/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 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: 07/26/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/26/2012
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/11/2013
	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: 08/17/2012	Source: EPA Region 7
Date Data Arrived at EDR: 08/28/2012	Telephone: 913-551-7003
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/11/2013
	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: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/07/2012	Telephone: 415-972-3372
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 39	Next Scheduled EDR Contact: 02/11/2013
	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: 08/01/2012	Source: EPA Region 10
Date Data Arrived at EDR: 08/02/2012	Telephone: 206-553-2857
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 10/30/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 02/11/2013
	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: 09/21/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/31/2012
	Data Release Frequency: Annually

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/04/2012
Date Data Arrived at EDR: 06/05/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 9

Source: Office of Insurance & Safety Fire Commissioner
Telephone: 404-656-5875
Last EDR Contact: 08/22/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Varies

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: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

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

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

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: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Public Record List

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

Date of Government Version: 06/20/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/26/2012
Number of Days to Update: 44

Source: Department of Natural Resources
Telephone: 404-657-8600
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

AUL: Uniform Environmental Covenants

A list of environmental covenants

Date of Government Version: 06/26/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/26/2012
Number of Days to Update: 44

Source: Department of Natural Resources
Telephone: 404-657-8600
Last EDR Contact: 11/13/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008
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

VCP: Voluntary Cleanup Program site

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

Date of Government Version: 07/01/2012
Date Data Arrived at EDR: 09/04/2012
Date Made Active in Reports: 09/26/2012
Number of Days to Update: 22

Source: DNR
Telephone: 404-657-8600
Last EDR Contact: 09/04/2012
Next Scheduled EDR Contact: 12/17/2012
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: 06/20/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/26/2012
Number of Days to Update: 44

Source: Department of Natural Resources
Telephone: 404-657-8600
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
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: 10/24/2012
Date Data Arrived at EDR: 10/26/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 10

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

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

HIST LF: Historical Landfills

Landfills that were closed many years ago.

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

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

SWRCY: Recycling Center Listing

A listing of recycling facility locations.

Date of Government Version: 07/23/2012
Date Data Arrived at EDR: 08/24/2012
Date Made Active in Reports: 09/26/2012
Number of Days to Update: 33

Source: Department of Community Affairs
Telephone: 404-679-1598
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
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: 07/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 54

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEL SHWS: Delisted Hazardous Site Inventory Listing

A listing of sites delisted from the Hazardous Site Inventory.

Date of Government Version: 07/01/2012	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/05/2012	Telephone: 404-657-8636
Date Made Active in Reports: 07/25/2012	Last EDR Contact: 10/01/2012
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/14/2013
	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.

Date of Government Version: 09/01/2007	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	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: 02/16/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/26/2012	Telephone: 202-564-6023
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 11/01/2012
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/11/2013
	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: 04/01/2012	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/03/2012	Telephone: 202-366-4555
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 10/02/2012
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/14/2013
	Data Release Frequency: Annually

SPILLS: Spills Information

Oil or Hazardous Material Spills or Releases.

Date of Government Version: 10/01/2012	Source: Department of Natural Resources
Date Data Arrived at EDR: 10/02/2012	Telephone: 706-792-7744
Date Made Active in Reports: 11/09/2012	Last EDR Contact: 10/01/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 01/14/2013
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

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

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/06/2012
Next Scheduled EDR Contact: 02/18/2013
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: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
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: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
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: 06/01/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
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: 02/27/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/12/2012
Next Scheduled EDR Contact: 12/24/2012
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/28/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/04/2012
Next Scheduled EDR Contact: 12/17/2012
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
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/20/2012
Next Scheduled EDR Contact: 12/10/2012
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
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/29/2012
Next Scheduled EDR Contact: 01/07/2013
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/22/2012
Next Scheduled EDR Contact: 12/10/2012
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/22/2012
Next Scheduled EDR Contact: 12/10/2012
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: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
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: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
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: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
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: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
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: 10/02/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/02/2012	Telephone: 202-343-9775
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 10/02/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/21/2013
	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: 09/11/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/24/2012
	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: 08/31/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/10/2012
	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: 08/16/2012
Number of Days to Update: 8	Next Scheduled EDR Contact: 11/26/2012
	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: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
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: 08/22/2012
Next Scheduled EDR Contact: 12/10/2012
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: 12/31/2011
Date Data Arrived at EDR: 09/04/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 66

Source: Department of Natural Resources
Telephone: 404-656-4852
Last EDR Contact: 08/29/2012
Next Scheduled EDR Contact: 12/17/2012
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: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
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: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
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: 09/21/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Annually

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
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/14/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Sleam-Electric Plan Operation Data

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 10/16/2012
Number of Days to Update: 76	Next Scheduled EDR Contact: 01/28/2013
	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: 11/05/2012
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/18/2013
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011	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: 11/02/2012
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 08/16/2012
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/26/2012
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 08/20/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2012	Telephone: 202-566-1917
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 08/14/2012
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/03/2012
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: N/A

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 32

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 09/20/2012
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/20/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
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: 08/01/2012
Date Data Arrived at EDR: 08/09/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 55

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/23/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.
Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Child Care Centers

Source: Department of Human Resources

Telephone: 404-651-5562

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

HIDEAWAY BAY MARINA
6334 MITCHELL STREET
FLOWERY BRANCH, GA 30542

TARGET PROPERTY COORDINATES

Latitude (North):	34.1837 - 34° 11' 1.32"
Longitude (West):	83.9379 - 83° 56' 16.44"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	229226.5
UTM Y (Meters):	3786232.0
Elevation:	1077 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	34083-B8 FLOWERY BRANCH, GA
Most Recent Revision:	1973

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

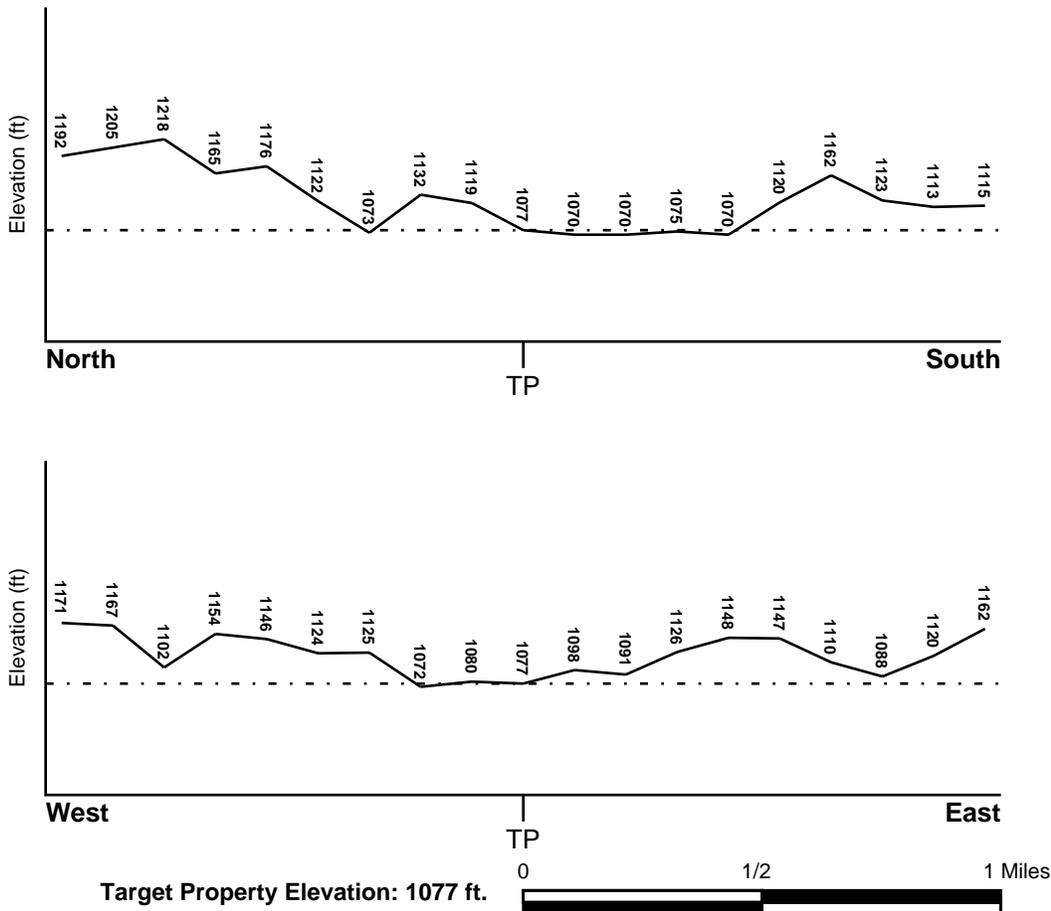
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> HALL, GA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	13139C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

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

HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

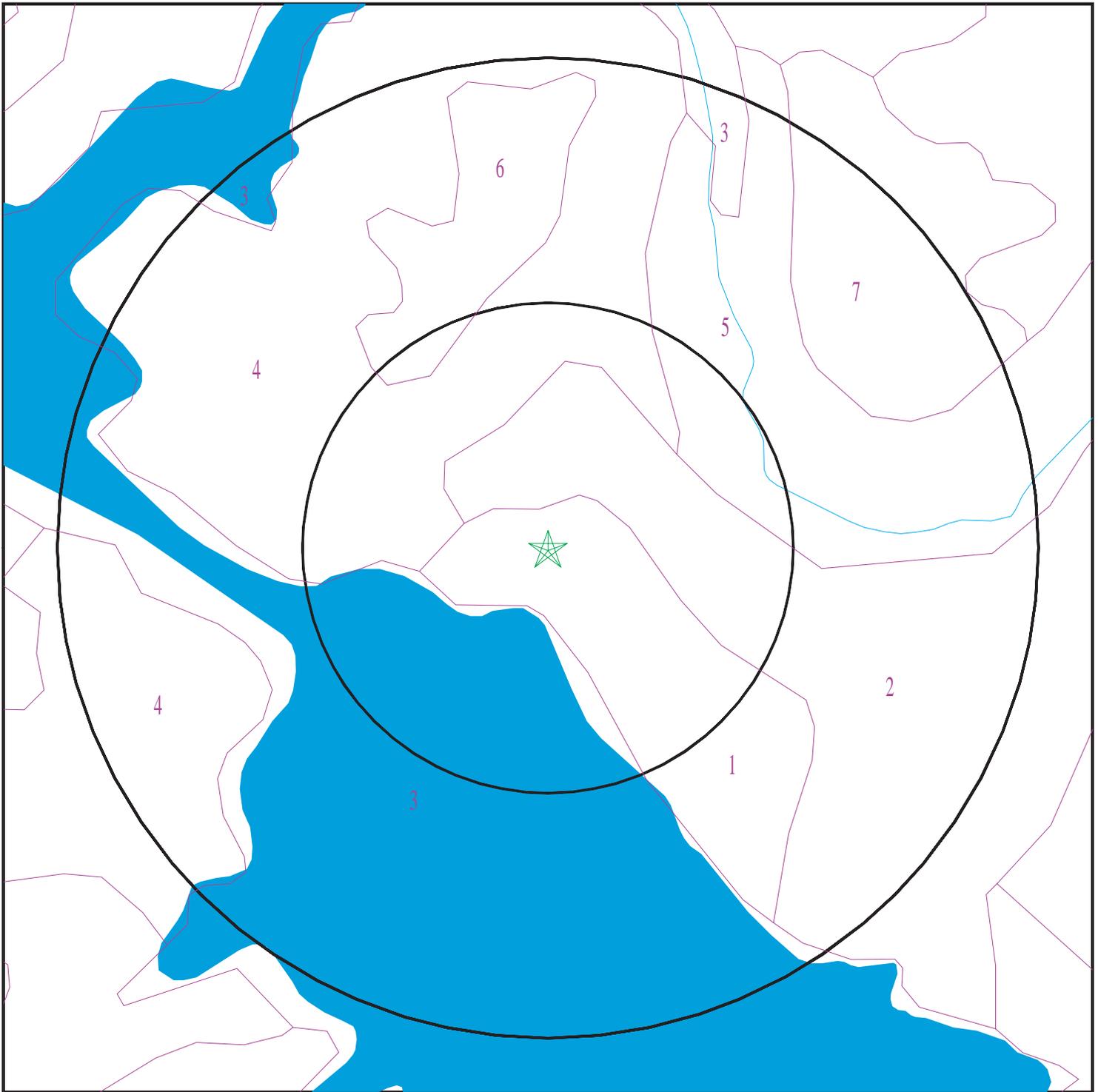
Era:	Paleozoic
System:	Pennsylvanian
Series:	Cataclastic rocks
Code:	cat (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Metamorphic Rocks

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

SSURGO SOIL MAP - 3455667.2s



- ★ Target Property
- ∕ SSURGO Soil
- ∕ Water

0 1/16 1/8 1/4 Miles



SITE NAME: Hideaway Bay Marina
ADDRESS: 6334 Mitchell Street
Flowerly Branch GA 30542
LAT/LONG: 34.1837 / 83.9379

CLIENT: Mill Creek Environmental Svc.
CONTACT: Jake Irwin
INQUIRY #: 3455667.2s
DATE: November 14, 2012 5:00 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Altavista

Soil Surface Texture: sandy clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	42 inches	59 inches	sandy 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: 14 Min: 4	Max: 6 Min: 3.6
2	0 inches	11 inches	sandy 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: 14 Min: 4	Max: 6 Min: 3.6
3	11 inches	42 inches	sandy 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: 14 Min: 4	Max: 6 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Cecil

Soil Surface Texture: loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	50 inches	75 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
2	0 inches	7 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	7 inches	11 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
4	11 inches	50 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: Water

Soil Surface Texture: loam

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

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 4

Soil Component Name: Madison

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	5 inches	29 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
3	29 inches	35 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
4	35 inches	66 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5

Soil Map ID: 5

Soil Component Name: Cartecay

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 5.1
2	9 inches	40 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 5.1
3	40 inches	59 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 5.1

Soil Map ID: 6

Soil Component Name: Madison

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
2	5 inches	29 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
3	29 inches	35 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
4	35 inches	66 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5

Soil Map ID: 7

Soil Component Name: Appling

Soil Surface Texture: loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	46 inches	64 inches	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 Soils.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
2	0 inches	9 inches	sandy 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 Soils.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	9 inches	35 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
4	35 inches	46 inches	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 Soils.	Max: 14 Min: 4	Max: 5.5 Min: 4.5

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>
A1	USGS2304805	1/2 - 1 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
C6	USGS2304813	1/2 - 1 Mile ENE
D10	USGS2304812	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

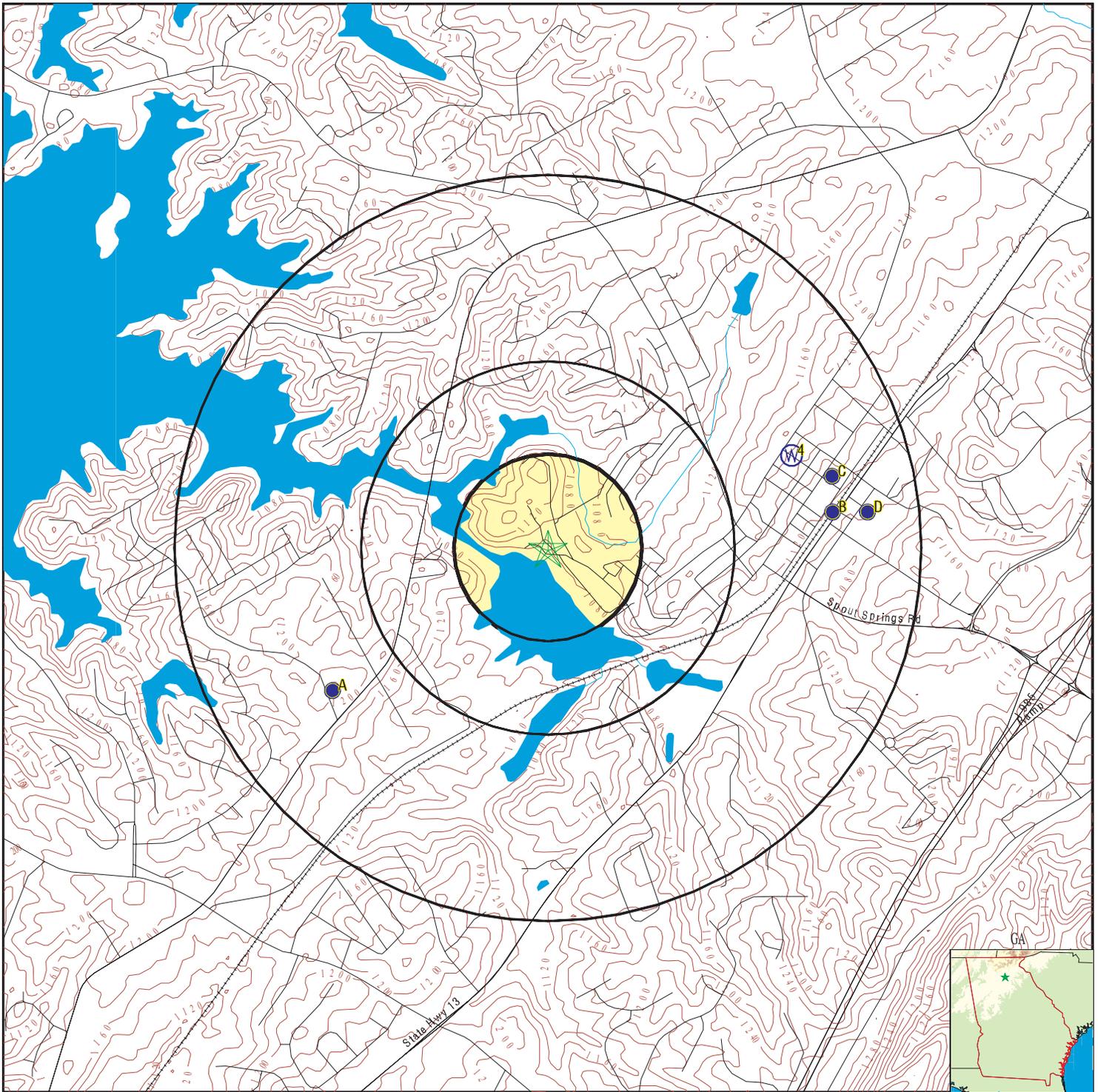
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B5	GA1390010	1/2 - 1 Mile East

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

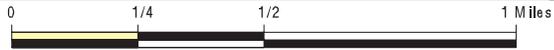
STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	0000005861	1/2 - 1 Mile WSW
A3	0000005862	1/2 - 1 Mile WSW
4	108	1/2 - 1 Mile ENE
C7	0000005864	1/2 - 1 Mile ENE
B8	109	1/2 - 1 Mile East
D9	0000005863	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 3455667.2s



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



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



SITE NAME: Hideaway Bay Marina
 ADDRESS: 6334 Mitchell Street
 Flowery Branch GA 30542
 LAT/LONG: 34.1837 / 83.9379

CLIENT: Mill Creek Environmental Svc.
 CONTACT: Jake Irwin
 INQUIRY #: 3455667.2s
 DATE: November 14, 2012 5:00 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
WSW
1/2 - 1 Mile
Higher

FED USGS USGS2304805

Agency cd:	USGS	Site no:	341041083565301
Site name:	14HH04		
Latitude:	341041	EDR Site id:	USGS2304805
Longitude:	0835653	Dec lat:	34.17815687
Dec lon:	-83.94795974	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	13
State:	13	County:	139
Country:	US	Land net:	Not Reported
Location map:	FLOWERY BRANCH	Map scale:	24000
Altitude:	1200.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Chattahoochee. Georgia. Area = 1560 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19670501
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	265	Hole depth:	265
Source of depth data:	Not Reported		
Project number:	0451305200		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A2
WSW
1/2 - 1 Mile
Higher

GA WELLS 000005861

Well #:	14HH04	County FIPS:	139
Remarks:	HOMER P REEVES		
Latitude:	341041	Longitude:	0835653
Altitude:	1200.00	Depth:	265
Depth to bottom of Casing:	Not Reported	Diameter of Casing:	6.00
Casing Material:	Not Reported	Discharge:	Not Reported
Type of Openings:	Not Reported	Date Built:	Not Reported
Depth to top of this open interval:	Not Reported		
Depth to bottom of this open interval:	Not Reported		
Primary Use:	Domestic		
Aquifer:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A3
WSW
1/2 - 1 Mile
Higher

GA WELLS 000005862

Well #:	14HH04	County FIPS:	139
Remarks:	HOMER P REEVES		
Latitude:	341041	Longitude:	0835653
Altitude:	1200.00	Depth:	265
Depth to bottom of Casing:	45.00	Diameter of Casing:	Not Reported
Casing Material:	Not Reported	Discharge:	40.00
Type of Openings:	Open hole	Date Built:	196705
Depth to top of this open interval:		45.00	
Depth to bottom of this open interval:		265.00	
Primary Use:	Domestic		
Aquifer:	Not Reported		

4
ENE
1/2 - 1 Mile
Higher

GA WELLS 108

Source ID:	69M0102	Name:	CITY OF FLOWERY BRANCH
Population Served:	755		
Latitude:	34.1872	Longitude:	83.9266
Source:	Ground	Status:	Unconfined
GWSI ID:	Not Reported	GA Geological Survey:	Unconfined
County:	HALL	County FIPS:	139
Grnd Water (Mil Gal/Day):	0.10	Surface Water (Mil Gal/Day):	0.00

B5
East
1/2 - 1 Mile
Higher

FRDS PWS GA1390010

Pwsid:	GA1390010	Epa region:	04
State:	GA	County:	Coffee
Pws name:	LAKE LANIER SAILING CLUB S/D		
Population Served:	26	Pwssvconn:	20
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Closed	Owner type:	unknown
Facility id:	1		
Facility name:	06DW0000000000		
Facility type:	Well	Treatment process:	chlorination (frds-1.5)
Treatment objective:	disinfection		
Contact name:	LAKE LANIER SAILING CLUB S/D		
Original name:	Not Reported		
Contact phone:	404-967-6441	Contact address1:	Not Reported
Contact address2:	RT. 3		
Contact city:	FLOWERY BRANCH		
Contact zip:	30541		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility id: 1T
 Facility name: 06DW00000000000
 Facility type: Treatment_plant Treatment process: chlorination (frds-1.5)
 Treatment objective: disinfection

PWS ID: GA1390010
 Date Initiated: 7706 Date Deactivated: Not Reported
 PWS Name: LAKE LANIER SAILING CLUB S/D
 RT. 3
 FLOWERY BRANCH, GA 30541

Addressee / Facility: Not Reported

Facility Latitude: 34 15 00 Facility Longitude: 083 50 00
 Facility Latitude: 34 11 06 Facility Longitude: 083 55 31
 City Served: FLOWERY BRANCH
 Treatment Class: Treated Population: 00000026

Violations information not reported.

**C6
ENE
1/2 - 1 Mile
Higher**

FED USGS USGS2304813

Agency cd:	USGS	Site no:	341111083552901
Site name:	14HH20		
Latitude:	341111	EDR Site id:	USGS2304813
Longitude:	0835529	Dec lat:	34.18649061
Dec lon:	-83.92462528	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	13
State:	13	County:	139
Country:	US	Land net:	Not Reported
Location map:	FLOWERY BRANCH	Map scale:	24000
Altitude:	1130		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Chattahoochee. Georgia. Area = 1560 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	1900
Date inventoried:	19900223	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	327	Hole depth:	Not Reported
Source of depth data:	other government (other than USGS)		
Project number:	045130201		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1900-00-00	Ground water data end date:	1900-00-00
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1900	63	

**C7
ENE
1/2 - 1 Mile
Higher**

GA WELLS 000005864

Well #:	14HH20	County FIPS:	139
Remarks:	FLOWERY BRANCH, GA.	Longitude:	0835529
Latitude:	341111	Depth:	327
Altitude:	1130	Diameter of Casing:	Not Reported
Depth to bottom of Casing:	Not Reported	Discharge:	108
Casing Material:	Not Reported	Date Built:	1900
Type of Openings:	Not Reported	Depth to top of this open interval:	Not Reported
Depth to top of this open interval:	Not Reported	Depth to bottom of this open interval:	Not Reported
Primary Use:	Public supply		
Aquifer:	Not Reported		

**B8
East
1/2 - 1 Mile
Higher**

GA WELLS 109

Source ID:	69M0101	Name:	CITY OF FLOWERY BRANCH
Population Served:	755	Longitude:	83.9241
Latitude:	34.1850	Status:	Unconfined
Source:	Ground	GA Geological Survey:	Unconfined
GWSI ID:	Not Reported	County FIPS:	139
County:	HALL	Surface Water (Mil Gal/Day):	0.00
Grnd Water (Mil Gal/Day):	0.10		

**D9
East
1/2 - 1 Mile
Higher**

GA WELLS 000005863

Well #:	14HH19	County FIPS:	139
Remarks:	FLOWERY BRANCH, GA., 1	Longitude:	0835523
Latitude:	341106	Depth:	195
Altitude:	1105	Diameter of Casing:	Not Reported
Depth to bottom of Casing:	Not Reported	Discharge:	204
Casing Material:	Not Reported	Date Built:	1900
Type of Openings:	Not Reported	Depth to top of this open interval:	Not Reported
Depth to top of this open interval:	Not Reported	Depth to bottom of this open interval:	Not Reported
Primary Use:	Public supply		
Aquifer:	Not Reported		

**D10
East
1/2 - 1 Mile
Higher**

FED USGS USGS2304812

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	341106083552301
Site name:	14HH19		
Latitude:	341106	EDR Site id:	USGS2304812
Longitude:	0835523	Dec lat:	34.18510178
Dec lon:	-83.92295853	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	13
State:	13	County:	139
Country:	US	Land net:	Not Reported
Location map:	FLOWERY BRANCH	Map scale:	24000
Altitude:	1105		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Chattahoochee. Georgia. Area = 1560 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	1900
Date inventoried:	19900222	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	195	Hole depth:	Not Reported
Source of depth data:	other government (other than USGS)		
Project number:	045130201		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1900-00-00	Ground water data end date:	1900-00-00
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1900	13.75	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for HALL 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: 30542

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.050 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.100 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

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^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Georgia Public Supply Wells

Source: Georgia Department of Community Affairs

Telephone: 404-894-0127

USGS Georgia Water Wells

Source: USGS, Georgia District Office

Telephone: 770-903-9100

DNR Managed Lands

Source: Department of Natural Resources

Telephone: 706-557-3032

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

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.