

ENVIRONMENTAL ASSESSMENT Lake Jimmy Jackson Park 1430 Blue Creek Road Hogansville, Troup County, Georgia 30230



Prepared For:

Georgia Department of Natural Resources 2 Martin Luther King Jr. Drive SE Suite 1370, East Tower Atlanta, Georgia 30334

Prepared By:

Mill Creek Environmental, LLC 4055 Hwy 53 East Dawsonville, Georgia 30534 MCE Project No. COH-2101-1



June 2021

4055 Hwy 53 East • Dawsonville, GA 30534 706-579-1607 PHONE • 1-706-265-4916 FAX • www.millcreekenvironmental.com



June 11, 2021

Georgia Department of Natural Resources 2 Martin Luther King Jr. Drive SE Suite 1370, East Tower Atlanta, Georgia 30334

Attention: Ms. LaVern Turner, Grant Specialist

Subject: Environmental Assessment Lake Jimmy Jackson Park 1430 Blue Creek Road Hogansville, Troup County, Georgia 30230 MCE Project No. COH-2101-1

Dear Ms. Turner,

Mill Creek Environmental LLC (MCE) is pleased to submit this *Environmental Assessment for Lake Jimmy Jackson Park* that was prepared in compliance with the National Environmental Policy Act or NEPA (42 United States Code (USC) 4321 et seq.) and associated guidance applicable to the National Park Service (NPS) grant funding that the City of Hogansville is pursuing for these proposed public park improvements. This Environmental Assessment (EA) includes a brief summary of the proposal, need for proposal, environmental impacts and alternatives considered for the proposed action, list of agencies and persons consulted, and provides sufficient evidence and analysis of impacts to determine whether to prepare an Environmental Impact Statement (EIS) or Finding of No Significant Impact or FONSI (1508.9).

Please feel free to contact us if you have any questions regarding this report. We can be reached at (706) 579-1607 or by electronic mail at <u>cjohnson@millcreekenvironmental.com</u> or <u>jirwin@millcreekenvironmental.com</u>.

Sincerely, MILL CREEK ENVIRONMENTAL, LLC

Calvin R. Johnson, EP, PG Environmental Professional

Jake Irwin, EP Environmental Professional

Cc: Mr. Jonathan Lynn, City of Hogansville Ms. Lisa Kelly, City of Hogansville Ms. Lynne Miller, City of Hogansville

4055 Hwy 53 East • Dawsonville, GA 30534 706-579-1607 PHONE • 1-706-265-4916 FAX • www.millcreekenvironmental.com

TABLE OF CONTENTS

SECTION 1 P	URPOSE AND NEED FOR PROPOSED PROJECT	1
SECTION 1.1	INTRODUCTION	1
SECTION 1.2	PROJECT DESCRIPTION	2
SECTION 1.3	PURPOSE AND NEED	2
SECTION 2 A	LTERNATIVE EVALUATED INCLUDING THE PROPOSED ACTION	3
SECTION 2.1	PROPOSED ACTION	3
SECTION 2.2	OTHER ALTERNATIVES EVALUATED	3
SECTION 2.3	"NO ACTION" ALTERNATIVE	3
SECTION 3 A	FFECTED ENVIRONMENT AND CONSEQUENCES	5
SECTION 3.1	GENERAL LAND USE/FARMLAND/FORMALLY CLASSIFIED LAND	5
SECTION 3.1.	1 AFFECTED ENVIRONMENT	5
SECTION 3.1.	2 ENVIRONMENTAL CONSEQUENCES	5
SECTION 3.1.	3 MITIGATION	5
SECTION 3.2	FLOODPLAINS	5
SECTION 3.2.	1 AFFECTED ENVIRONMENT	5
SECTION 3.2.	2 ENVIRONMENTAL CONSEQUENCES	б
SECTION 3.2.	3 MITIGATION	б
SECTION 3.3	WETLANDS	б
SECTION 3.3.	1 AFFECTED ENVIRONMENT	б
SECTION 3.3.	2 ENVIRONMENTAL CONSEQUENCES	6
SECTION 3.3.	3 MITIGATION	б
SECTION 3.4	CULTURAL AND HISTORICAL RESOURCES	6
SECTION 3.4.	1 AFFECTED ENVIRONMENT	6
SECTION 3.4.	2 ENVIRONMENTAL CONSEQUENCES	7
SECTION 3.4.	3 MITIGATION	7
SECTION 3.5	BIOLOGICAL RESOURCES	7
SECTION 3.5.	1 GENERAL FISH, WILDLIFE AND VEGETATION	7
SECTION 3.5.	2 LISTED THREATENED AND ENDANGERED SPECIES	8
SECTION 3.5.	3 MIGRATORY BIRD TREATY ACT	9
SECTION 3.5.	4 BALD AND GOLDEN EAGLE PROTECTION ACT	0

SECTION 3.6 V	VATER RESOURCES	. 10
SECTION 3.6.1	AFFECTED ENVIRONMENT	. 10
SECTION 3.6.2	Environmental Consequences	. 10
SECTION 3.6.3	MITIGATION	. 10
SECTION 3.7 C	COASTAL RESOURCES	. 10
SECTION 3.7.1	AFFECTED ENVIRONMENT	. 10
SECTION 3.7.2	ENVIRONMENTAL CONSEQUENCES	. 11
SECTION 3.7.3	MITIGATION	. 11
SECTION 3.8 S	OCIAL ECONOMICS AND ENVIRONMENTAL JUSTICE	. 11
SECTION 3.8.1	AFFECTED ENVIRONMENT	. 11
SECTION 3.8.2	Environmental Consequences	. 12
SECTION 3.8.3	MITIGATION	. 12
SECTION 3.9 A	AIR QUALITY	. 12
SECTION 3.9.1	AFFECTED ENVIRONMENT	. 12
SECTION 3.9.2	Environmental Consequences	. 12
SECTION 3.9.3	MITIGATION	. 12
SECTION 3.10	NOISE	. 12
SECTION 3.10.1	AFFECTED ENVIRONMENT	. 12
SECTION 3.10.2	2 Environmental Consequences	. 13
SECTION 3.10.3	3 MITIGATION	. 13
SECTION 3.11	TRANSPORATATION	. 13
SECTION 3.11.1	AFFECTED ENVIRONMENT	. 13
SECTION 3.11.2	2 Environmental Consequences	. 13
SECTION 3.11.3	3 MITIGATION	. 13
SECTION 3.12	AESTHETICS	. 13
SECTION 3.12.1	AFFECTED ENVIRONMENT	. 13
SECTION 3.12.2	2 Environmental Consequences	. 13
SECTION 3.12.3	3 MITIGATION	. 13
SECTION 3.13	HUMAN HEALTH AND SAFETY	. 13
SECTION 3.13.1	AFFECTED ENVIRONMENT	. 13
SECTION 3.13.2	2 Environmental Consequences	. 14
SECTION 3.13.3	3 MITIGATION	. 14
SECTION 3.14	ENVIRONMENTAL RISK MANAGEMENT	. 14
SECTION 3.14.1	AFFECTED ENVIRONMENT	. 14
SECTION 3.14.2	2 Environmental Consequences	. 14
SECTION 3.14.3	3 MITIGATION	. 14

SECTION 4	CUMULATIVE EFFECTS ANALYSIS	15
SECTION 5	SUMMARY OF MITIGATION	18
SECTION 6	COORDINATION, CONSULATION AND CORRESPONDENCE	19
SECTION 7	REFERENCES	20
SECTION 8	LIST OF PREPARERS	22

LIST OF APPENDICES

Figures
Site Location Map
Site Vicinity Map
Troup County Tax Map
Topographic Map
Site Development Plan
Web Soil Survey
EDR Flood Plain and Wetlands Map
Flood Insurance Rate Map (FIRMette)
EDR Wetlands Details Map
National Wetlands Inventory Map
Cultural and Historic Sites Map
EDR Natural Areas Map
FCC and FAA Sites Map
Site Photographs
EDR NEPA Search Report
Cultural and Historic Resources Information and Correspondence
Information for Planning and Consultation (IPaC) Resource List and Correspondence
Environmental Justice Screen Report
Phase I ESA for Lake Jimmy Jackson Park – May 19, 2021

SECTION 1 PURPOSE AND NEED FOR PROPOSED PROJECT

SECTION 1.1 INTRODUCTION

The purpose of this scope of work is to gather and compile information needed by the City of Hogansville to fulfill the National Park Service (NPS) grant application obligations under the National Environmental Policy Act (NEPA). The proposed Land and Water Conservation Fund (LWCF) project will install and upgrade select features at the City of Hogansville's Lake Jimmy Jackson public park that are both needed and requested to make the park more useable. Site location and site vicinity maps are provided as **Figures 1** and **2** in **Appendix A**. Based on correspondence with the Georgia Department of Natural Resources (DNR) Grants Specialist, Ms. LaVern M. Turner, an Environmental Assessment is required for this project.

Mill Creek Environmental, LLC (MCE) has prepared the following Environmental Assessment (EA) pursuant to the NEPA and the NPS 2015 NEPA Handbook. This EA evaluates the environmental effects of the proposed project, with the purpose of determining whether a Finding of No Significant Impact (FONSI) or an Environmental Impact Statement (EIS) should be prepared regarding the proposed project as determined by the DNR Grant Specialist on behalf of the NPS. According to NPS's guidance document, the EA's objectives are to:

- Provide evidence that the City of Hogansville (or Agency) is in compliance with NEPA and all of the applicable environmental and historic preservation related statues, regulations, and Executive Orders that apply to the Agency's use and approval of Federal financial assistance;
- Provide a brief discussion of the purpose and need for the proposal and the Agency's action;
- If appropriate, provide an analysis of alternatives to the proposed action including the "no action" alternative;
- Minimize repetition and the inclusion of extraneous background information; include only information relevant to the assessment of potential environmental impacts and Agency decision making;
- Provide sufficient detail, evidence, and analysis for determining impacts and documentation and evidence of proper consultation with environmental regulatory or natural resource agencies;
- Present information in a clear, concise manner, minimizing the use of long narratives;
- Use summary or comparative tables, maps, and diagrams;
- Provide reference and include pertinent supporting materials and evidence of consultation in appendices; and
- If appropriate, identify mitigation measures necessary to avoid or minimize adverse environmental impacts.

The project description, purpose and need for this project are included in the following sections.

SECTION 1.2 PROJECT DESCRIPTION

The subject property, operating as the City of Hogansville's Lake Jimmy Jackson Park that opened in May 2019, consists of one parcel identified in the Troup County Tax Assessor's database as Parcel Number: 0211 000067 totaling approximately 39.49 acres (**Figure 3** in **Appendix A**). This park is located at the west end of the Blue Creek Reservoir (aka Lake Jimmy Jackson), approximately two-miles northeast of downtown Hogansville. Existing park features include the paved entrance from Blue Creek Road, a boat launch and dock, beach with roped off swim area, a restroom building close to the park entrance, paved parking, three picnic tables, three pavilions on concrete bases, grills, benches, bike racks, and a dam. Woods surround the subject site. A flood control dam is located south of the beach and swim area. The State of Georgia Environmental Protection Division (EPD) Safe Dams Program monitors the City-owned earthen dam at this site (Yellowjacket Creek W/S#15). The City of Hogansville maintains this dam under EPD permit No. 141-003-00877. The subject property is located in a rural, residential area of Troup County, northeast of the City of Hogansville, and is serviced by electricity and municipal sanitary sewer and water utilities.

Based on MCE's review of the United States Geologic Survey (USGS) Hogansville and Grantville, Georgia 7.5-minute topographic quadrangle maps, the subject property is situated at an elevation of approximately 715 feet above mean sea level. The earthen dam (Yellowjacket Creek W/S#15) has a pool elevation of 689 feet NGVD. A topographic map showing the location of the subject property is provided as **Figure 4** (**Appendix A**). Photographs of the subject property and the proposed project areas located within the existing park boundaries are included in **Appendix B**.

SECTION 1.3 PURPOSE AND NEED

The City of Hogansville has identified a need for additional improvements to make the park safer, more usable, and meet the public's request for select sporting, recreational, and outdoor amenities:

- Directional, interpretative, and informative signage;
- Playground area;
- Volleyball area;
- Designated fishing area away from the beach/swim area; and
- Designated small boat launch away from the existing power boat ramp.

The proposed action and alternative evaluated action are discussed in the following sections.

SECTION 2ALTERNATIVE EVALUATED INCLUDING THE PROPOSED ACTIONSECTION 2.1PROPOSED ACTION

The City of Hogansville and LWCF-funded improvements to Lake Jimmy Jackson Park will include the following:

- New signage, park rules & interpretative/informative signage;
- Proposed children's playground area near the family picnic pavilions and outdoor grill area;
- Proposed sand/beach volleyball court overlooking the public beach area;
- Proposed fishing pavilions and access trail located away of existing public swim and boat ramp areas; and
- Proposed kayak/canoe launch and access trail located away from the existing power boat ramp.

These project elements are depicted in Figure 5 (Appendix A). The improvements for this project are further described below.

Signage will be designed and purchased from the same or similar firm that completed the signage for the Chattahoochee Greenway walking trail in Franklin, Georgia. These signs are cedar posts with wooden faces and no lights that are anchored to the ground, and reportedly hold up well over time and are resilient in all weather conditions. Signs will be developed for directions; playground, boating and park rules; Native American river lore; and information on the flora and fauna along the route. These signs are extremely durable and approved by the EPD and Army Corps of Engineers (USACE) for the site.

The playground will be designed and installed by a professional playground contractor experienced with these installations. For safety, the base of the playground will be a poured-in-place rubber base installed over compacted stone or bonded rubber mulch for a more natural look. Depth of the rubber base will depend on equipment fall heights and recommendations offered by the playground contractor.

The volleyball area will be installed as a standard-sized court (60' by 30') that could accommodate 4 on 4 or 6 on 6 players. The base will be sand, and the net secured by poles or timbers located out-of-play.

Four pre-built fishing pavilions will be placed on level ground south of the earthen dam and upslope from the western edge of the reservoir. Fishermen will walk downhill to fish at the water's edge. No new trails or lighting are proposed for these improvements.

The kayak/canoe launch will be a dock built similar in size and style to the existing dock located between the boat ramp and beach/swim area, with a mulch trail leading to it.

SECTION 2.2 OTHER ALTERNATIVES EVALUATED

No other sites were considered in great detail since the proposed action is not expected to have adverse effects to environmental resources. This is consistent with 7 CFR § 1970.1.

SECTION 2.3 "NO ACTION" ALTERNATIVE

Under the "no action" alternative, the project would not go forward, and the project site would remain a public park with existing site improvements and amenities as completed to date. The "no action"

alternative would mean that: 1) conflicts and safety concerns would remain as fishermen, boaters and swimmers congregate at the single dock; 2) no signage would mean no warnings to avoid the dam inlet/intake and outlet areas, no posting of rules, and nothing educational about the reservoir, natural, and historical setting of this site; and 3) no playground or volleyball areas would be ignoring citizens' requests for these features, and would lead to decreased use of the park. Lake Jimmy Jackson Park offers the only public place for residents to swim, either indoors or outdoors, in the vicinity of Hogansville.

SECTION 3 AFFECTED ENVIRONMENT AND CONSEQUENCES

SECTION 3.1 GENERAL LAND USE/FARMLAND/FORMALLY CLASSIFIED LAND

Section 3.1.1 Affected Environment

The project has been evaluated for land use, important farmland, and formally classified lands in order to avoid excessive and/or unnecessary conversion of farm, range, and forest land from existing uses. According to the United States Department of Agriculture's (USDA) Web Soil Survey, the most common soil types found in the vicinity of the subject property belong to the Cecil, Riverview, and Pacolet Soil Series. These soils are classified as loams belonging to the USDA hydrologic group "Class B". Class B soils have moderately coarse textures, are moderately well to well drained, and have moderate infiltration rates. The subject property is situated in the Piedmont Physiographic Province of Georgia. Rock types of the Piedmont generally include gneiss, schist, granite, and amphibolite. The local area is characterized by units of gneiss and amphibolite. These rocks weather to form a reddish-brown soil called residuum, which consists of various amounts of sand, clay, and silt mixtures.

None of the soil types found on the site are considered prime or important farmland; therefore, the project is consistent with the Farmland Protection Policy Act. The USDA Web Soil Survey showing the boundaries of the site is included as **Figure 6** in **Appendix A**.

MCE also reviewed the U.S. Geological Survey's (USGS) Protected Areas Database to determine whether the project site includes formally classified land. No protected areas are shown by the database to be located onsite or in the vicinity. A 2014 topographic map of the project site is included in **Appendix G**.

Section 3.1.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Section 3.1.3 Mitigation

No mitigation is recommended for this resource.

SECTION 3.2 FLOODPLAINS

Section 3.2.1 Affected Environment

Floodplains are low-lying areas adjacent to streams or rivers, which are subject to flooding. The Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FIRMette) shows the site is located within Flood Zone X, which has less than a 0.2% annual chance of flooding. As such, the project site is not expected to impact the floodplain. An EDR Flood Plain and Wetlands Map is included as **Figure 7** and a Flood Insurance Rate Map is included as **Figure 8** in **Appendix A**. The State of Georgia Environmental Protection Division (EPD) Safe Dams Program monitors the City-owned earthen dam at this site (Yellowjacket Creek W/S#15). The City of Hogansville maintains this dam under EPD permit No. 141-003-00877. An amendment to this EA will include any material information that is received from this Agency regarding these resources.

Section 3.2.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Section 3.2.3 Mitigation

When disposing of excess, spoil, or other construction materials on public or private property, the contractor shall not fill in or otherwise convert 100-year floodplain areas or Special Flood Hazard Areas (SFHA) as delineated on the latest Federal Emergency Management Agency Floodplain Maps, or other appropriate maps, *e.g.*, alluvial soils on NRCS Soil Survey Maps.

SECTION 3.3 WETLANDS

Section 3.3.1 Affected Environment

Wetlands are areas defined by the presence of hydric soils, wetland plants and evidence of hydrology. Prior to construction, onsite wetlands must be identified in order to determine if permits regarding wetlands must be obtained prior to initiation of construction. Although wetlands appear on the U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory map in the vicinity of the site, no wetlands have been identified within the proposed project work areas. Lake Jimmy Jackson, a flood control structure, is identified as a State Wetland feature (L1UBHh) and Blue Creek below the earthen dam is a listed palustrine, forested, broad-leaved deciduous, temporarily-flooded, wetland feature (PFO1C). Additionally, downstream wetlands are identified along Blue Creek on the downstream side of the earthen dam. These features are not to be impacted by this project based on their locations relative to the proposed project. An EDR wetlands map and a National Wetlands Inventory (NWI) map are included as **Figures 9** and **10** in **Appendix A**. A copy of the wetlands related information is included in **Appendix C** (see pages 23 through 31 of the NEPA Search Report).

Section 3.3.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Section 3.3.3 Mitigation

At a minimum, the project will maintain or establish a 100-foot undisturbed, native forested buffer along each side of perennial streams and 50-foot undisturbed, native forested buffer along each side of intermittent streams and wetlands. Additionally, when disposing of excess, spoil, or other construction materials on public or private property, the contractor shall not fill on or otherwise convert wetlands.

SECTION 3.4 CULTURAL AND HISTORICAL RESOURCES

Section 3.4.1 Affected Environment

Consistent with the National Historic Preservation Act of 1966 (NHPA) and the Advisory Council on Historic Preservation's implementing regulation, 36 CFR Part 800, the potential effect of this project on historic properties listed or eligible for listing on the National Register of Historic Places (NRHP) must be considered. Findings were confirmed by reviewing the Georgia's Natural, Archaeological, and Historic Resources GIS mapper (GNAHRGIS). These databases were also searched by EDR and the Historic Places Map and NEPA findings are included in **Appendix C** (see pages 18 to 20). A cultural and historic sites map is included as **Figure 11** in **Appendix A**.

According to the NRHP and GNAHRGIS, the closest listed historic properties to the project site are two historic houses (built in 1894 and 1904) located more than 0.5-miles northeast of the park near the intersection of Blue Creek Road and Valley Road, and the Stark Mill Village Historic District located almost 0.75-miles southwest nearer the City of Hogansville. MCE confirmed the locations of these historic properties during a site visit on April 14, 2021. No listed properties were located onsite or in the immediate surrounding area. The Historic Preservation Division (HPD) replied to Ms. Lynne Miller, Planning and Development Director with the City of Hogansville, on October 6, 2020 (**Appendix D**). The HPD stated it was their opinion that the project will have **no adverse effects** to historic property within its area of potential effect (APE); however, they were unable to determine the specific work areas within the park based on information provided so requested that project plans be submitted to HPD for further review, when available, in order to make any final determination. An amendment to this EA will include any material information that is received from this Agency regarding these resources.

Section 3.4.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Section 3.4.3 Mitigation

Any excavations by the contractor that uncovers historical or archaeological artifacts or human remains shall be immediately reported to the owner and a representative of City of Hogansville. In the event, construction would be temporarily halted pending the notification process and further directions issued by the USDA after consulting with NRHP and HPD. Additionally, the Alabama-Coushatta Tribe of Texas, Alabama-Quassarte Tribal Town, Coushatta Tribe of Louisiana, and Muscogee (Creek) Nation will be notified if Native American artifacts and/or human remains are located during the ground disturbance phase of the project (per https://egis.hud.gov/tdat/).

SECTION 3.5 BIOLOGICAL RESOURCES

Section 3.5.1 General Fish, Wildlife and Vegetation

Section 3.5.1.1 Affected Environment

MCE visited the City of Hogansville's Lake Jimmy Jackson Park on April 14, 2021 to characterize the natural vegetation at the site. The site currently consists of a public park that is improved with a paved entrance from Blue Creek Road, a boat launch and dock, beach with roped off swim area, a restroom building close to the park entrance, paved parking, three picnic tables, three pavilions on concrete bases, grills, benches, bike racks, and a dam. Woods surround the subject site. A flood control dam is located south of the beach and swim area. The subject property is located in a rural, residential area of Troup County, northeast of the City of Hogansville, and is serviced by electricity and municipal sanitary sewer and water utilities.

The developed portion of the park consists of approximately 5 acres of grassed area with a circular drive and public parking that is buffered by trees from surrounding residential, wooded, and undeveloped properties. The project site is mostly cleared except for a few clustering of pine trees near the base of the earthen dam that the City of Hogansville is preparing to remove at the direction of the EPD following an annual inspection of the earthen dam. The project site does not appear to support suitable habitat for Environmental Assessment Lake Jimmy Jackson Park 1430 Blue Creek Road, Hogansville, Troup County, Georgia 30230

wildlife species. Based on the wooded area in the vicinity of the site, common wildlife species may occasionally traverse the site. Overall, the project is **not expected to adversely impact** general fish, wildlife, or vegetation in the area.

Section 3.5.1.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Section 3.5.1.3 Mitigation

No mitigation is recommended for these resources.

Section 3.5.2 Listed Threatened and Endangered Species

Section 3.5.2.1 Affected Environment

Since 1973, the Endangered Species Act has strived to conserve and protect threatened and endangered species of plants and animals in the U.S. and to preserve their natural habitats. In compliance with the act, the project's impacts to federal and state protected species must be considered.

Databases of federal and state protected species were searched, and finding are included in the EDR NEPA Search Report included in **Appendix C** (see pages 3 to 17). An EDR Natural Areas Map depicting the findings is included as **Figure 12** in **Appendix A**.

Additionally, the United States Fish and Wildlife Service's (USFWS) Information for Planning and Consultation (IPaC) website was accessed for a list of federally protected species that may occur in Troup County. The IPaC Report listed Eastern Black Rail (Laterallus jamaicensis ssp. Jamaicensis), Monarch Butterfly (Danaus plexippus), Piedmont Blue Burrower (Cambarus harti), Black-Spored Quillwort (Isoetes melanospora), and Little Amphianthus (Amphianthus pusillus) as potentially occurring in Troup County (**Appendix E**). These species are summarized in **Table 1**.

Based on review of the habitat information for these species and the wooded area in the vicinity of the site, common wildlife species such as the Monarch Butterfly may occasionally traverse the site. Habitats listed for the other species do not occur at this project site or are not ideal at this site, and MCE determines that the project will have **no effect** on these species. Overall, the project is **not expected to adversely impact** these species in the proposed project area that is an existing developed public park surrounded by heavily wooded uplands.

Ms. Lynne Miller, Planning and Development Director with the City of Hogansville, issued a letter to the Georgia DNR Wildlife Resources Division (WRD) requesting additional information regarding Georgia protected species information for this proposed project on February 12, 2021. The WRD replied to Ms. Miller's request by providing a list of Georgia database element occurrences (EOs) for current sightings of protected species using the local Hydrologic Unit Code (HUC) 10 watershed for elements whose range distribution is limited by aquatic systems and within 3 miles of all other EOs (**Appendix E**).

The list of protected species included the Piedmont Blue Burrower (Cambarus harti), Bluestripe Shiner (Cyprinella callitaenia), Blacktip Shiner (Lythrurus atrapiculus), and Highscale Shiner (Notropis hypsilepis). All occurrences of these species were greater than 2.2-miles from the proposed project site, except the Blacktip Shiner, which is reportedly located onsite within Blue Creek. Improvements for this

proposed project will occur on the developed portion of the recreational park at least 100 feet away from sensitive environmental resources, such as stream and wetlands. As such, the project is **not expected to adversely impact** these species in the proposed project area.

Common Name (Scientific Name)	Listing Status	Group	Habitat in Georgia (from WRD's Georgia Biodiversity Portal)
Eastern Black Rail (Laterallus jamaicensis ssp. Jamaicensis)	Threatened	Birds	Wherever found
Monarch Butterfly (Danaus plexippus)	Candidate	Insects	Wherever found
Piedmont Blue Burrower (Cambarus harti)	Status Undefined	Crustaceans	Wherever found
Black-Spored Quillwort (Isoetes melanospora)	Endangered	Ferns and Allies	Wherever found
Little Amphianthus (Amphianthus pusillus)	Threatened	Flowering Plants	Wherever found

Table 1. List of protected species known to occur in Troup County or the general vicinity of the site.

Section 3.5.2.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Section 3.5.2.3 Mitigation

No mitigation is recommended for these resources.

Section 3.5.3 Migratory Bird Treaty Act

Section 3.5.3.1 Affected Environment

According to the IPaC website, there is one migratory bird of conservation concern that may occur at the project site during certain times of the year: the Eastern Black Rail (Laterallus jamaicensis ssp. Jamaicensis) that breeds from early May through late August. According to the WRD Biodiversity Portal's range map, the Eastern Black Rail was last seen in Greene and Oconee Counties, south of Athens, more than 20 years ago, and also in Glynn and Camden Counties along the Georgia coast with a date last seen listed as unknown. No other sighting in Georgia was listed. Therefore, the project is **not expected to adversely impact** the Eastern Black Rail.

Section 3.5.3.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Environmental Assessment Lake Jimmy Jackson Park 1430 Blue Creek Road, Hogansville, Troup County, Georgia 30230

Section 3.5.3.3 Mitigation

No mitigation is recommended for these resources.

Section 3.5.4 Bald and Golden Eagle Protection Act

Section 3.5.4.1 Affected Environment

According to the IPaC report, the bald eagle (Haliaeetus leucocephalus) may occur in Troup County. Although the bald eagle has been federally delisted as a threatened species, the bird is still protected by the Bald Eagle and Golden Eagle Protection Act and is protected as a threatened species in Georgia. However, according to the WRD Biodiversity Tool's range map, the bald eagle has not been recorded in Troup County in approximately 6 to 10 years (see **Appendix E**). As such, the project is **not expected to adversely impact** the bald eagle.

Section 3.5.4.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Section 3.5.4.3 Mitigation

No mitigation is recommended for these resources.

SECTION 3.6 WATER RESOURCES

Section 3.6.1 Affected Environment

The proposed project is connected to municipal water and sewer lines. No wells or septic tanks will be installed for the proposed project. Georgia does not include any Sole Source Aquifers (SSA); therefore, the project will **not adversely impact** any SSAs.

Since construction of the playground, volleyball court, trails to the canoe/kayak launch and fishing pavilion areas will be less than one-acre of land disturbance, a Notice of Intent (NOI) under a general National Pollution Discharge Elimination System (NPDES) permit will not be required. Best Management Practice will be implemented for this project including the installation of silt fencing and other measures to minimize runoff of sediment and soil to lower elevation areas of the site.

Section 3.6.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Section 3.6.3 Mitigation

No mitigation is recommended for these resources.

SECTION 3.7 COASTAL RESOURCES

Section 3.7.1 Affected Environment

In 1972, the Coastal Zone Management Act (CZMA) was enacted to encourage coastal states to develop Coastal Management Programs (CMP) to protect coastal resources and by managing actions which affect them. The act applies to federal actions, including federally-funded construction projects, which are proposed to occur within the states' coastal zone and may affect coastal resources. According to

Environmental Assessment Lake Jimmy Jackson Park 1430 Blue Creek Road, Hogansville, Troup County, Georgia 30230

Georgia's CMP, the state coastal zone includes eleven counties that border tidally-influenced waters or have economies that are closely tied to coastal resources. The site is located in Troup County, which is not within the state's coastal zone, and no saline/brackish wetlands, tidal zones, or other coastal resources are located on the project site, or will be impacted by the project.

In 1982, the Coastal Barrier Resources Act (CBRA) was enacted in order to preserve human life, natural resources, and federal funds, often lost when coastal barriers are developed with federal funds. According to the U.S. Fish and Wildlife Service, Georgia is not one of 23 states and territories that contain areas of undeveloped coastal barrier, designated by the CBRA as the John H. Chafee Coastal Barrier Resources System (CBRS). The proposed project site is not located within a designated CBRS.

Section 3.7.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Section 3.7.3 Mitigation

No mitigation is recommended for these resources.

SECTION 3.8 SOCIAL ECONOMICS AND ENVIRONMENTAL JUSTICE

Section 3.8.1 Affected Environment

The proposed project is located in Troup County approximately two-miles northeast of the City of Hogansville. The Environmental Justice (EJ) Screen Report and American Community Survey (ACS) Summary Report were generated by the Environmental Protection Agency's (EPA) Environmental Justice Screening and Mapping Tool for the Census Block Group (132859601001) in which the site is located. According to these reports, the roughly 23.4-square-mile area supports a population of 1,519 individuals. Approximately 39% of the population in the area is reportedly minority and 40% is low-income. Minorities in the area surrounding the site make up a slightly lower percentage of individuals than the state average of 47% and is consistent with the national average of 39%. This puts the project area in the 45th percentile in the state and 57th percentile nationally, meaning that 65% of the state and 43% of the nation has a higher concentration of minority populations. The low-income population in the project area is slightly higher than the state average of 36% and a national average of 33%. The surrounding area is in the 59th percentile in the state for low-income population and the 67th percentile in the U.S. The EJ Screen Report and ACS Summary Report are included in **Appendix F**.

The EJ Screen Report also provides an analysis of environmental health issues affecting minority and low-income populations in the area surrounding the site. Eleven environmental indicators, including air pollution levels, traffic proximity and volume, lead paint (represented by the number of residences in the area constructed prior to 1960) and proximity to various industrial facilities or hazardous waste sites are evaluated in the EJ Screen to identify environmental health issues which may disproportionately affect minority or low-income populations. For each of these indicators, the area surrounding the site was ranked in the 48th to 61st percentile in the state, and even higher in the nation (59th to 66th percentile). Overall, the area appears to generally not be disproportionately affected by environmental issues, and the area has a relatively similar concentration of low income and minority populations as the state and nation.

Since the project is not expected to have any adverse environmental impacts, the project **will not** contribute to this issue.

The only residences which may be directly affected by the project are located near the park entrance and access road off of Blue Creek Road. These residences may be temporarily affected by construction activities, mainly due to noise during the land disturbance portion of the project in which Bobcats and dump trucks used to grade construction areas and place mulch on trails and sand in the volleyball court area. Some minor construction-related traffic may be observed on specific days and times based on the construction schedule and will likely be limited to the entering and exiting of trucks and equipment along the park access road. These construction activities will be limited to weekdays and in duration similar to the times that the park is open, *i.e.*, daylight hours between 7:30 am and 7:30 pm. These construction work hours are consistent with the noise ordinance for the City of Hogansville (Code of Ordanances, Sec. 54-1 Noise prohibitions limit such audible disturbances between the hours of 11:00 pm and 7:30 am). As such, the project is **not expected to adversely impact** the surrounding community during completion of this project.

Section 3.8.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Section 3.8.3 Mitigation

No mitigation is recommended for these resources.

SECTION 3.9 AIR QUALITY

Section 3.9.1 Affected Environment

According to the EPA Green Book, the National Ambient Air Quality Standards (NAAQS) criteria pollutants are in attainment for Troup County, where the project site is located. Air quality would be expected to be temporarily impacted during the project's construction, specifically from exhaust emissions from construction equipment and dust from disturbed areas. No burning of construction debris generated during clearing and grading activities is currently planned, but the appropriate local permits will be obtained if this option is exercised.

Section 3.9.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Section 3.9.3 Mitigation

No mitigation is recommended for these resources.

SECTION 3.10 NOISE

Section 3.10.1 Affected Environment

The City of Hogansville Georgia Code of Ordinances includes provisions to regulate loud, offensive, and disturbing noise between 11:00 pm and 7:30 am. Any construction activities will be limited to weekdays between 7:30 am and 7:30 pm. This project shall comply with all applicable noise regulations.

Environmental Assessment Lake Jimmy Jackson Park 1430 Blue Creek Road, Hogansville, Troup County, Georgia 30230

Section 3.10.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Section 3.10.3 Mitigation

No mitigation is recommended for these resources.

SECTION 3.11 TRANSPORATATION

Section 3.11.1 Affected Environment

The transportation corridor that would be affected by the proposed project is Blue Creek Road and the park entrance access road that is owned by the City of Hogansville. Construction activities will be scheduled such that the comings and goings of trucks during construction hours will not adversely affect these transportation routes. Additionally, no long-term effects such as increases in traffic flow are anticipated for this project.

Section 3.11.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Section 3.11.3 Mitigation

No mitigation is recommended for these resources.

SECTION 3.12 AESTHETICS

Section 3.12.1 Affected Environment

As development in rural areas increases in scope and complexity, aesthetics or visual impacts may be a concern for the public. In this case, the proposed project site is already a city park. Overall, the aesthetics of the proposed project are consistent with the area in which the project is proposed to be located and no adverse aesthetic impacts are expected. The park is bordered by trees and the park is not visible from the surrounding residences.

Section 3.12.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Section 3.12.3 Mitigation

No mitigation is recommended for these resources.

SECTION 3.13 HUMAN HEALTH AND SAFETY

Section 3.13.1 Affected Environment

Per the NPS 2015 NEPA Handbook, EAs should address potential effects or interference due to the electromagnetic fields (EMFs) created by charged conductors or transmitters in communication systems, cellular towers, overhead high-voltage electric transmission lines, and substations. Based on the EDR NEPASearch Report, no EMFs, cellular towers, transmission lines, or substations are located within one-mile of the site, and therefore, EMFs and interferences were not evaluated (see **Figure 13** in **Appendix A**).

Environmental Assessment Lake Jimmy Jackson Park 1430 Blue Creek Road, Hogansville, Troup County, Georgia 30230

Section 3.13.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Section 3.13.3 Mitigation

No mitigation is recommended for these resources.

SECTION 3.14 ENVIRONMENTAL RISK MANAGEMENT

Section 3.14.1 Affected Environment

MCE prepared a Phase I Environmental Site Assessment (ESA) for the project site on May 19, 2021. No recognized environmental conditions (RECs) were identified with respect to the project site by MCE's Phase I ESA. The Phase I ESA recently completed for this site is included in **Appendix G**.

Section 3.14.2 Environmental Consequences

No direct or indirect environmental consequences are anticipated.

Section 3.14.3 Mitigation

No mitigation is recommended for these resources.

SECTION 4 CUMULATIVE EFFECTS ANALYSIS

Cumulative effects are defined by the National Environmental Policy Act as "the impact on the environment which results from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency (federal or non-federal) or person undertakes such other actions" (40 CFR 1508.7.). This section presents the Cumulative Effects Analysis (CEA) conducted for the proposed project. Resources that were found to not be directly or indirectly affected by the project were not considered. Some environmental effect categories that are not resources, such as general land use, environmental justice, and noise were not evaluated. The specific resources and environmental effects categories which were evaluated are listed in **Table 2**.

Table 2. Determination of Resources/Issues to be Considered in Cumulative Effects Analysis.

Current Health of Resource	Direct Effects	Indirect Effects	Included in Cumulative Effects Analysis?
Important Far	mland/Formally Classifie	ed Lands	
None of the soil types located within the project site are considered prime farmland.	No direct effects.	No indirect effects.	No.
	Floodplains		
The site is located within or nearby a floodplain that is controlled by a State-permitted earthen dam that is annually inspected by the Georgia EPD.	No direct effects.	No indirect effects.	No.
	Wetlands		
The earthen dam at this site is a State-permitted flood control structure resulting in the creation of the reservoir known as Lake Jimmy Jackson. No wetlands have been identified within the proposed project work area. A minimum of a 100-foot, undisturbed, vegetated buffer will remain between the proposed improvements and any identified wetlands at the subject site.	No direct effects.	No indirect effects.	No.

Current Health of Resource	Direct Effects	Indirect Effects	Included in Cumulative Effects Analysis?	
(Cultural Resources			
No known cultural, historic, or archaeological resources are present within the project site.	No direct effects.	No indirect effects.	No.	
General Fi	sh, Wildlife and Vegetat	ion		
The site is currently grassy and developed as a public park owned and operated by the City of Hogansville. Due to the open access areas, lack of trees and vegetation on the earthen dam or within the improved area of the public park, no suitable wildlife habitat exists on the portion of the proposed project site.	No direct effects.	No indirect effects.	No.	
Listed Threat	ened and Endangered S	pecies		
No listed threatened or endangered species are present at the site or are expected to be adversely affected by theproject.	No direct effects.	No indirect effects.	No.	
Migratory E	Birds, Bald and Golden E	agles		
No migratory birds of conservation concern, bald eagles, or golden eagles are known to occur within the project site or surrounding area.	No direct effects.	No indirect effects.	No.	
Water Resources				
The proposed project will not need to utilize available onsite municipal water or sewer lines. Furthermore, no wastewater will be generated at the site during this project, but if generated, will not be discharged to natural waterways.	No direct effects.	No indirect effects.	No.	
Coastal Resources				
The project site is not located within a coastal area.	No direct effects.	No indirect effects.	No.	

Current Health of Resource	Direct Effects	Indirect Effects	Included in Cumulative Effects Analysis?
	Air Quality		
NAAQS criteria pollutants are currently in attainment for Troup County.	No direct effects.	No indirect effects.	No.
	Transportation		
The project will not significantly impact traffic or nearby roadways. All work will be completed on the City-owned park property.	No direct effects.	No indirect effects.	No.
Human Health and Safety			
Human health and safety issues will be mitigated by the proposed use restrictions, oversight, and safety measures implemented for this proposed project and completed in accordance with OSHA, USEPA, Georgia EPD, applicable Best Management Practices, and the City of Hogansville.	No direct effects.	No indirect effects.	No.

Based on the analysis presented in **Table 2**, it was determined that no further analysis of cumulative effects is necessary.

SECTION 5 SUMMARY OF MITIGATION

The following mitigation measures will be adhered to in order to minimize potential effects to environmental resources.

1. **Floodplains:** When disposing of excess, spoil, or other construction materials on public (or private) property, the contractor shall not fill in or otherwise convert 100-year floodplain areas or Special Flood Hazard Areas (SFHA) as delineated on the latest Federal Emergency Management Agency Floodplain Maps, or other appropriate maps, *e.g.*, alluvial soils on NRCS Soil Survey Maps.

2. **Wetlands:** At a minimum, the project will maintain or establish a 100-foot undisturbed, native forested buffer along each side of perennial streams and 50-foot undisturbed, native forested buffer along each side of intermittent streams and wetlands. Additionally, when disposing of excess, spoil, or other construction materials on public (or private) property, the contractor shall not fill in or otherwise convert wetlands.

3. **Cultural and Historic Resources:** Any excavation by the contractor that uncovers historical or archaeological artifacts or human remains shall be immediately reported to the owner and a representative of the City of Hogansville. In this event, construction would be temporarily halted pending the notification process and further directions issued by the City of Hogansville after consultation with the State Historic Preservation Officer (SHPO). Additionally, the Alabama-Coushatta Tribe of Texas, Alabama-Quassarte Tribal Town, Coushatta Tribe of Louisiana, and Muscogee (Creek) Nation must be notified if Native American artifacts and/or human remains are located during the ground disturbance phase of the project.

4. **Biological Resources:** The contractor will implement Standard Protection Measures for all of the protected species identified in this EA during construction. Should any evidence of the presence of endangered and/or threatened species or their critical habitat be brought to the attention of the contractor, the contractor will immediately report this evidence to the site owner and a representative of the City of Hogansville. In this event, construction would be temporarily halted pending the notification process and further directions issued by the City of Hogansville after consultation with the USFWS.

5. **Human Health and Safety:** The City's designated contractor(s) will meet all licensing and permitting required for completion of onsite construction activities and will provide training of all individuals involved in the completion of this work, ensuring stringent safety measures to protect human health and the environment. Human health and safety issues will be mitigated by the proposed use restrictions, oversight, and safety measures implemented by the City of Hogansville and their designated contractor. All work will be completed in accordance with applicable OSHA, Georgia EPD, and Construction Industry standards, policies, and procedures.

SECTION 6 COORDINATION, CONSULATION AND CORRESPONDENCE

This EA required coordination and consultation with Federal or State environmental regulatory or natural resource agencies and databases. Dates regarding the resources are included in maps, tables, and correspondence in **Appendices A** through **G**.

SECTION 7 REFERENCES

ASTM, 2013. American Society for Testing and Materials (ASTM). Standard E1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process."

Clark, Williams Z., Jr. and Zisa, Arnold, C. 1976. *Physiographic Map of Georgia*: Georgia Geologic Survey, I Plate. http://georgiainfo.galileo.usg.edu/physiographic/physio-dist.htm.

Department of Homeland Security Federal Emergency Management Agency (FEMA). Flood Insurance Rate Map (FIRMette) available online at link: <u>https://msc.fema.gov/portal/home</u>. Accessed on May 2021.

Environmental Data Resources, Inc. (EDR). The EDR Aerial Photo Decade Package, dated April 07, 2021, Inquiry Number: 6440149.8_1 and 6440149.8_2.

Environmental Data Resources, Inc. (EDR). The EDR Certified Sanborn Map Report, dated April 07, 2021, Inquiry Number: 6440149.3.

Environmental Data Resources, Inc. (EDR). The EDR-City Directory Image Report, dated April 13, 2021, Inquiry Number: 64401495.

Environmental Data Resources, Inc. (EDR). The EDR Historical Topo Map Report, dated April 07, 2021, Inquiry Number: 6440149.4.

Environmental Data Resources, Inc. (EDR). EDR NEPASearch Map Report, dated April 07, 2021, Inquiry Number: 6440149.10s.

Environmental Data Resources, Inc. (EDR). The EDR Radius Map[™] Report, dated April 07, 2021, Inquiry Number: 6440149.2s.

Georgia Department of Natural Resources (DNR). Wildlife Resources Division (WRD). Georgia Biodiversity Portal. Social Circle, Georgia. Available online at the following link: <u>https://www.georgiabiodiversity.a2hosted.com</u>/natels/hone. Accessed in May 2021.

Georgia Environmental Protection Division (EPD). *Georgia Water Quality Standards, May 2015*, weblink: <u>https://epd.georgia.gov/watershed-protection-branch/georgia-water-quality-standards</u>, Accessed online April 24, 2021.

Georgia Environmental Protection Division (EPD). Rule 391-3-5-.18. *Primary Maximum Contaminant Levels for Drinking Water, Primary MCLs for Inorganics*, website: <u>http://rules.sos.ga.gov</u>/gac/391-5?urlRedirected=yes&data=admin&lookingfor=391-3-5, accessed online April 24, 2021.

Google Earth Online, 2021.

Lawton, D.E. et al. Geologic Map of Georgia. 1976. Georgia Geologic Survey Map SM-3, scale 1:500,000.

McConnell, Keith I. and Charlotte E. Abrams. *Geology of the Greater Atlanta Region*. Atlanta: Dept. of Natural Resources, Environmental Protection Division, Georgia Geologic Survey, Bulletin 96, 1984. <u>https://epd.georgia.gov/sites/epd.georgia.gov/files/related_files/site_page/B-96.pdf</u>.

Mill Creek Environmental, LLC (MCE). Phase I Environmental Site Assessment (ESA), Lake Jimmy Jackson Park, 1430 Blue Creek Road, Hogansville, Troup County, Georgia, dated May 19, 2021.

Environmental Assessment Lake Jimmy Jackson Park 1430 Blue Creek Road, Hogansville, Troup County, Georgia 30230

NatureServe. NatureServe Explorer: An online encyclopedia of life [web application]. Version 7.1. NatureServe, Arlington, Virginia. Available online at the following link: <u>https://explorer.natureserve.org</u>. Accessed May 2021.

Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. Available online at the following link: <u>https://websoilsurvey.sc.egov.usda.gov</u>. Accessed May 2021.

University of Georgia, Dept. of Geology. 2015. http://www.gly.uga.edu/railsback/GAGeology.html. Georgia Geology.

United States Department of Agriculture, National Agricultural Statistics Service (USDA) 2017. Census of Agriculture. Complete data available at <u>www.nass.usda.gov/agcensus</u>. Accessed May 2021.

United States Environmental Protection Division (USEPA) EJSCREEN Technical Documentation. Available online at the following link: <u>https://www.epa.gov/ejscreen. Accessed May 2021</u>.

USEPA. Nonattainment areas for criteria pollutants (Green Book). Available online at the following link: www.epa.gov/green-book. Accessed May 2021.

United States Fish and Wildlife (USFWS). Information for Planning and Consultation. Available online at the following link: <u>https://ecos.fws.gov/ipac/</u>. Accessed May 2021.

U.S Geological Survey (USGS) Hogansville and Grantville Quadrangles, Georgia [map]. 2017. 1:24,000. 7.5 Minute Series. Reston, VA: United States Department of the Interior, USGS, 2017.

USGS, Ground Water and Drinking Water National Primary Drinking Water Regulations (NPDWR), weblink: https://www.epa.gov/ground-water-and-drinking-water/national-primary-drinking-water-regulations, Accessed 4/24/21.

SECTION 8 LIST OF PREPARERS

Following is a list of persons involved with the preparation of this Environmental Assessment along with their affiliations, experience, and education. The list also includes those who were responsible for particular analyses.

Calvin R. Johnson, EP, PG, Mill Creek Environmental, Environmental Professional. Mr. Johnson has 30 years of environmental consulting experience. Role: Document Writer, Phase I Environmental Site Assessments, Floodplains, Wetlands, Soils, Coastal Resources, Air Quality, Human Health & Safety, and Cumulative Effects Analysis. Bachelor's Degree and Graduate Coursework Towards MS in Geology and Hydrogeochemistry.

Jake Irwin, EP, Mill Creek Environmental, Environmental Professional. Mr. Irwin has been a part of MCE's interdisciplinary NEPA team since 1999. Role: Senior Reviewer, Phase I Environmental Site Assessments, Biological Resources, Cultural and Historic Resources, Cumulative Effects Analysis. BS: Recreation Studies. MS: Administration of Public Recreation.

Seth George, EP, Mill Creek Environmental, Environmental Professional. Mr. George has four years of experience as an environmental scientist. Role: Phase I Environmental Site Assessments, Biological Resources, Floodplains, Wetlands, Soils, Cultural and Historic Resources, and Cumulative Effects Analysis. BS: Environmental Science, Minor in Environmental Geology.

Appendix A Figures





Property Boundary Approximate

ENVIRONMENTAL

MCE Project #COH-2101-1

Figure 3. Troup County Tax Map qPublic.net[™] Troup County, GA



Taxing District 18-HOGANSVILLE HOGANSVILLE 39.49 Acres

Physical Address Assessed Value Land Value Accessory Value

HOGANSVILLE, GA 30230 1430 BLUE CREEK RD Value \$369300 Value \$01-SFMD Improvement Value Value \$301 E MAIN ST Value \$HOGANSVILLE

Last 2 Sales					
Date	Price	Reason	Qual		
9/1/1970		Ν	U		
8/1/1970		NQ	U		

(Note: Not to be used on legal documents)

Date created: 4/7/2021 Last Data Uploaded: 4/6/2021 11:33:52 PM



Image Provided By EDR USGS Topographic Maps





e Jimmy Jackson Park Hogansville GA PI & EA COH—2101\Phase I ESA\Maps and Figs\Fig2



Lake Jimmy Jackson Park, 1430 Blue Creek Road, Hogansville, GEORGIA

FIGURE 6. WEB SOIL SURVEY (2021)

FIGURE 7. EDR Floodplain and Wetlands Map



April 7, 2021

TC6440149.10s Page 23 of 43

INQUIRY #: 6440149.10s

DATE:

LAT/LONG:

33.182869 / 84.888454


FIGURE 9. EDR WETLANDS DETAIL MAP - 6440149.2S

LAT/LONG:

33.182869 / 84.888454



DATE:

NWI: L1UBHh

28

84.885



- trees, shrubs, persistent emergents, and emergent mosses or lichens with 30 percent or greater areal coverage; and (3) total area of at least 8 hectares (ha) (20 acres). Similar wetlands and deepwater habitats totaling less than 8 ha are also included in the Lacustrine System if an active wave-formed or bedrock shoreline feature makes up all or part of the boundary, or if the water depth in the deepest part of the basin equals or exceeds 2.5 m (8.2 ft) at low water. Lacustrine waters may be tidal or nontidal, but oceanderived salinity is always less than 0.5 ppt.
- Subsystem Limnetic : This Subsystem includes all deepwater habitats (i.e., areas > 2.5 m [8.2 ft] deep below low water) in the Lacustrine System. Many small Lacustrine Systems have no Limnetic Subsystem
- UB Class Unconsolidated Bottom : Includes all wetlands and deepwater habitats with at least 25% cover of particles smaller than stones (less than 6-7 cm), and a vegetative cover less than 30%.
- Class Permanently Flooded : Water covers the substrate throughout the year in all years

LEGEND



FIGURE 10. NATIONAL WETLANDS INVENTORY MAP





	SITE NAME:	City of Hogansville - Lake Jimmy Jackson Park	CLIENT:	MIII Creek Environmental LLC	0
		Hogansville GA 30230	INQUIRY #:	6440149.10s	TCC440140.10- D 10-£42
I	LAT/LONG:	33.182869784.888454	DATE:	April 7, 2021	1C0440149.10s Page 18 01 45



SITE NAME: ADDRESS:	City of Hogansville - Lake Jimmy Jackson Park 1430 Blue Creek Road	CLIENT: CONTACT:
	Hogansville GA 30230	INQUIRY #:
LAT/LONG:	33.182869 / 84.888454	DATE:

MIII Creek Environmental LLC		
Jake Irwin		
6440149.10s		
April 7, 2021	TC6440149.10s	Page 3 of 43

FIGURE 13. FCC & FAA Sites Map



SITE NAME:	City of Hogansville - Lake Jimmy Jackson Park
ADDRESS:	1430 Blue Creek Road
	Hogansville GA 30230
LAT/LONG:	33.182869 / 84.888454

CLIENT:	MIII Creek Environmental LL	C
CONTACT:	Jake Irwin	
NQURY #:	6440149.10s	
DATE:	April 7, 2021	TC6440149.10s Page 32 of 43

Copyright © 2021 EDR, Inc. © 2015 TomTom Rel. 2015.

Appendix B Site Photos



General entrance view of the subject property from Blue Creek Road. View facing northwest.



Existing signage for Lake Jimmy Jackson Park located on Blue Creek Road.



Gated entrance to Lake Jimmy Jackson Park. View to the north toward Blue Creek Road.



Gated entrance to Lake Jimmy Jackson Park. View to the south toward the subject property.



Restroom facilities located on the northern portion of the subject property near the Blue Creek Road entrance.



General view of common area of the park improved with covered picnic pavilion areas.



View to the southwest of central common area and the proposed playground area within the circular drive around the family picnic areas.



General view of the park looking toward Lake Jimmy Jackson.



View of the paved drive, parking, and picnic areas located within the park.



View of the waterfront from the proposed sand volleyball court area just north of the existing beach and swim area.



View of the existing family picnic areas with covered pavilions and outdoor grills.



View facing northeast from the earthen dam toward the existing beach and the proposed sand volleyball court area.



View to the east from the earthen dam toward the existing boat ramp, beach, public swim area, and the proposed canoe/kayak launch area.



General view to the south of the existing trail located on the earthen dam and leading to the proposed fishing pavilions on the southern portion of the subject property.



View of Lake Jimmy Jackson from the earthen dam.



General waterfront view of Lake Jimmy Jackson Park.



Parking and rest area located near the existing boat ramp.



View to the north of the existing dock, beach, and swim areas.



View of beach and swim areas located just west of the proposed canoe/kayak launch.



View of the wellhouse used for supplying potable water to restrooms and drinking fountains.



Groundwater pump and chlorine treatment supplies located within the wellhouse.



View of the picnic areas of the park looking north as viewed from the existing dock and boat ramp area.



View of the waterfront from the proposed fishing pavilion area.



View facing northwest from the proposed fishing pavilion area.

Appendix C EDR NEPASearch™ Map Report

City of Hogansville - Lake Jimmy Jackson Park

1430 Blue Creek Road Hogansville, GA 30230

Inquiry Number: 6440149.10s April 07, 2021

EDR NEPASearch™ Map Report



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

TABLE OF CONTENTS

SECTION	PAGE
EDR NEPASearch Description	1
Map Findings Summary	2
Natural Areas	. 3
Historic Sites	18
Flood Plain	21
Wetlands	23
Wetlands Classification System	28
FCC & FAA Sites	32
Key Contacts and Government Records Searched	36

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 Sit 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 2020 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 NEPASearch 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 NEPASearch Map Report provides information which may be used, in conjunction with additional research, to determine whether a proposed site or action will have significant environmental effect.

TARGET PROPERTY ADDRESS

CITY OF HOGANSVILLE - LAKE JIMMY JACKSON PKnRkury #: 6440149.10s 1430 BLUE CREEK ROAD Date: 4/7/21 HOGANSVILLE, GA 30230

TARGET PROPERTY COORDINATES

 Latitude (North):
 33.182869 - 33° 10' 58.3"

 Longitude (West):
 84.888451 - 84° 53' 18.4"

 Universal Tranverse Mercator:
 Zone 16

 UTM X (Meters):
 696866.2

 UTM Y (Meters):
 3673354.2

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 Natural Areas Map • Federal Lands Data: - Officially designated wilderness areas - Officially designated wildlife preserves, sanctuaries	Regulation 47 CFR 1.1307(1) 47 CFR 1.1307(2)
and refuges - Wild and scenic rivers - Fish and Wildlife • Threatened or Endangered Species, Fish and Wildlife, Critical Habitat Data (where available)	40 CFR 6.302(e) 40 CFR 6.302 47 CFR 1.1307(3); 40 CFR 6.302
Historic Sites Map • National Register of Historic Places • State Historic Places (where available) • Indian Reservations	47 CFR 1.1307(4); 40 CFR 6.302
Flood Plain Map • National Flood Hazard Layer Data (where available) • FEMA Q3 Flood Data (where available)	47 CFR 1.1307(6); 40 CFR 6.302 47 CFR 1.1307(6); 40 CFR 6.302
Wetlands Map • National Wetlands Inventory Data (where available) • State Wetlands Data (where available)	47 CFR 1.1307(7); 40 CFR 6.302 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 36 of this report.

Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
NATURAL AREAS MAP				
	US Federal Lands	1.00	NO	NO
	US Wilderness Preservation	1.00	NO	NO
1.1307a (2) Officially Designated Wildlife Preserve	US Federal Lands	1.00	NO	NO
	GA Public Lands	1.00	NO	NO
	GA DNR Managed Lands	1.00	NO	NO
	US Proclamation Boundaries	1.00	NO	NO
	US Scenic River	1.00	NO	NO
	US ACEC	1.00	NO	NO
	GA Natural Resources Conservat	1.00	NO	NO
	GA Fish/Wildlife Lands	1.00	NO	NO
	GA Forest Lands	1.00	NO	NO
	US NCED	1.00	NO	NO
	US Critical Water Habitat	1.00	NO	NO
	US Critical Land Habitat	1.00	NO	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	US Endangered Species	County	YES	N/A
1.1307a (3) Threatened or Endangered Species or Critical Habitat	GA Endangered Species	1.00	YES	YES
HISTORIC SITES MAP				
1.1307a (4) Listed or eligible for National Register	GA Historic Sites	1.00	YES	NO
1.1307a (4) Listed or eligible for National Register	Natchez Trace National Scenic	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	Potomac Heritage National Scen	1.00	NO	NO
	Indian Reservations	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	US Trails	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	National Register of Hist. Pla	1.00	YES	NO
FLOOD PLAIN MAP				
1.1307 (6) Located in a Flood Plain	Special Flood Hazard Area (1%)	1.00	YES	YES
1.1307 (6) Located in a Flood Plain	0.2% Annual Chance Flood Hazar	1.00	NO	NO
WETLANDS MAP				
1.1307 (7) Change in surface features (wetland fill)	NWI	1.00	YES	YES
1.1307 (7) Change in surface features (wetland fill)	STATE	1.00	YES	YES
	GA COASTAL ZONE	20.00	NO	NO
FCC & FAA SITES MAP				
	Cellular	1.00	NO	NO
	Antenna Structure Registration	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	



SITE NAME:	City of Hogansville - Lake Jimmy Jackson Park	CLIENT:	Mill Creek Environmental LL	С
ADDRESS:	1430 Blue Creek Road	CONTACT:	Jake Irwin	
LAT/LONG:	33.182869 / 84.888454	DATE:	April 7, 2021	TC6440149.10s Page 3 of 43

Federal Endangered Species from the U.S. Fish and Wildlife for GA State Group:Amphibians

Common Name: Florida crawfish frog Scientific Name: Rana areolata aesopus Status: Species of Concern Common Name: Carolina crawfish frog Scientific Name: Rana areolata capito Status: Species of Concern Common Name: Hellbender Scientific Name: Cryptobranchus alleganiensis Status: Under Review Common Name: Patch-nosed salamander Scientific Name: Urspelerpes brucei Status: Under Review Common Name: One-toed Amphiuma Scientific Name: Amphiuma pholeter Status: Under Review Common Name: Eastern Hellbender Scientific Name: Cryptobranchus alleganiensis alleganiensis Status: Species of Concern Common Name: Chamberlain's Dwarf salamander Scientific Name: Eurycea chamberlaini Status: Under Review Common Name: Tennessee cave salamander Scientific Name: Gyrinophilus palleucus Status: Under Review Group:Birds Scientific Name: Pterodroma hasitata Common Name: Black-capped petrel Status: Under Review Common Name: Migrant loggerhead shrike Scientific Name: Lanius Iudovicianus migrans Status: Species of Concern Common Name: Florida sandhill crane Scientific Name: Grus canadensis ssp. pratensis Status: Under Review Common Name: Black Rail Scientific Name: Laterallus jamaicensis Status: Under Review Common Name: Golden-winged warbler Scientific Name: Vermivora chrysoptera Status: Under Review Common Name: Eastern painted bunting Scientific Name: Passerina ciris ciris Status: Species of Concern Group:Clams Common Name: Altamaha lance Scientific Name: Elliptio shepardiana Status: Species of Concern Scientific Name: Villosa nebulosa Common Name: Alabama rainbow Status: Under Review Common Name: Lined pocketbook Scientific Name: Lampsilis binominata Status: Species of Concern Common Name: Altamaha arc-mussel Scientific Name: Alasmidonta arcula

Federal Endangered Species from the U.S. Fish and Wildlife for GA State (Continued...) Status: Status Undefined

Common Name: Tennessee heelsplitter Status: Under Review

Common Name: Inflated spike Status: Under Review

Common Name: Rayed creekshell Status: Under Review

Common Name: Tennessee pigtoe Status: Under Review

Common Name: Coosa creekshell Status: Under Review

Common Name: Inflated floater Status: Status Undefined

Common Name: Cumberland moccasinshell Status: Under Review

Common Name: Longsolid Status: Under Review

Common Name: Round hickorynut Status: Under Review

Common Name: Delicate spike Status: Under Review

Common Name: Brother spike Status: Under Review

Common Name: Alabama spike Status: Under Review

Common Name: Apalachicola floater Status: Under Review

Common Name: Southern elktoe Status: Under Review

Common Name: Winged spike Status: Species of Concern

Group:Conifers and Cycads

Common Name: Carolina hemlock Status: Under Review

Group:Crustaceans

Common Name: Tallapoosa River crayfish Status: Species of Concern

Scientific Name: Lasmigona holstonia Scientific Name: Elliptio purpurella Scientific Name: Anodontoides radiatus Scientific Name: Pleuronaia barnesiana Scientific Name: Villosa umbrans Scientific Name: Pyganodon gibbosa Scientific Name: Medionidus conradicus Scientific Name: Fusconaia subrotunda Scientific Name: Obovaria subrotunda Scientific Name: Elliptio arctata

Scientific Name: Elliptio arca

Scientific Name: Anodonta heardi

Scientific Name: Alasmidonta triangulata

Scientific Name: Elliptio nigella

Scientific Name: Tsuga caroliniana

Scientific Name: Cambarus englishi

Federal Endangered Species from the U.S. Fish and Wildlife for Common Name: Broad River Burrowing crayfish Status: Under Review	r GA State (Continued) Scientific Name: Distocambarus devexus
Common Name: Blackbarred crayfish Status: Under Review	Scientific Name: Cambarus unestami
Common Name: Lean crayfish Status: Under Review	Scientific Name: Cambarus strigosus
Common Name: Beautiful crayfish Status: Under Review	Scientific Name: Cambarus speciosus
Common Name: Chattooga River crayfish Status: Under Review	Scientific Name: Cambarus scotti
Common Name: Piedmont Blue burrower Status: Under Review	Scientific Name: Cambarus harti
Common Name: Conasauga Blue burrower Status: Under Review	Scientific Name: Cambarus cymatilis
Common Name: Chauga crayfish Status: Under Review	Scientific Name: Cambarus chaugaensis
Common Name: Dougherty Plain Cave crayfish Status: Under Review	Scientific Name: Cambarus cryptodytes
Common Name: Little Tennessee crayfish Status: Under Review	Scientific Name: Cambarus georgiae
Common Name: Chickamauga crayfish Status: Under Review	Scientific Name: Cambarus extraneus
Common Name: Hiwassee crayfish Status: Species of Concern	Scientific Name: Cambarus hiwasseensis
Common Name: Etowah crayfish Status: Under Review	Scientific Name: Cambarus fasciatus
Common Name: Coosawattae crayfish Status: Under Review	Scientific Name: Cambarus coosawattae
Group:Ferns and Allies	
Common Name: Winter quillwort Status: Under Review	Scientific Name: Isoetes hyemalis
Common Name: [Unnamed] spleenwort Status: Species of Concern	Scientific Name: Asplenium heteroresiliens
Common Name: Hornwort Status: Under Review	Scientific Name: Megaceros aenigmaticus
Group:Fishes	
Common Name: Popeye shiner	Scientific Name: Notropis ariommus

Federal Endangered Species fi	om the U.S. Fish and	I Wildlife for GA S	State (Continued)
Status: Under Review			

Common Name: Bridled darter Status: Under Review

Common Name: Robust redhorse Status: Under Review

Common Name: Holiday darter Status: Under Review

Common Name: Frecklebelly madtom Status: Under Review

Common Name: Lake sturgeon Status: Species of Concern

Common Name: Broadstripe shiner Status: Under Review

Common Name: Ashy darter Status: Under Review

Common Name: Halloween darter Status: Under Review

Common Name: Coldwater darter Status: Species of Concern

Common Name: Flame chub Status: Species of Concern

Common Name: Ocmulgee shiner Status: Species of Concern

Common Name: Altamaha shiner Status: Status Undefined

Common Name: Highscale shiner Status: Species of Concern

Common Name: Trispot darter Status: Under Review

Group:Flowering Plants

Common Name: No common name Status: Species of Concern

Common Name: Awned meadowbeauty Status: Species of Concern

Common Name: No common name Status: Species of Concern

Common Name: Ciliate-leaf tickseed

Scientific Name: Percina kusha Scientific Name: Moxostoma robustum Scientific Name: Etheostoma brevirostrum Scientific Name: Noturus munitus Scientific Name: Acipenser fulvescens Scientific Name: Pteronotropis euryzonus Scientific Name: Etheostoma cinereum Scientific Name: Percina crypta Scientific Name: Etheostoma ditrema Scientific Name: Hemitremia flammea Scientific Name: Cyprinella callisema Scientific Name: Cyprinella xaenura Scientific Name: Notropis hypsilepis Scientific Name: Etheostoma trisella

Scientific Name: Neviusia alabamensis

Scientific Name: Rhexia aristosa

Scientific Name: Myriophyllum laxum

Scientific Name: Coreopsis integrifolia

Federal Endangered Species from the U.S. Fish and Wildlife for GA State (Continued...) Status: Under Review

Common Name: Godfry's privet Status: Under Review

Common Name: Long Beach seedbox Status: Under Review

Common Name: Spathulate seedbox Status: Under Review

Common Name: Carolina bishopweed Status: Under Review

Common Name: Mountain Purple pitcherplant Status: Under Review

Common Name: Porter's goldenrod Status: Species of Concern

Common Name: Purpuledisk honeycombhead Status: Species of Concern

Common Name: Pineland plantain Status: Species of Concern

Common Name: Variable leaf Indian plaintain Status: Under Review

Common Name: Pineland hoary-pea Status: Species of Concern

Common Name: No common name Status: Species of Concern

Common Name: [Unnamed] horse-nettle Status: Species of Concern

Common Name: [Unnamed] onion Status: Species of Concern

Common Name: Needleleaf waternymph Status: Under Review

Common Name: No common name Status: Species of Concern

Common Name: Nevius' stonecrop Status: Species of Concern

Common Name: [Unnamed] beaked-rush Status: Species of Concern

Common Name: No common name Status: Species of Concern

Scientific Name: Forestiera godfreyi

Scientific Name: Ludwigia brevipes

Scientific Name: Ludwigia spathulata

Scientific Name: Ptilimnium ahlesii

Scientific Name: Sarracenia purpurea var. montana

Scientific Name: Solidago porteri

Scientific Name: Balduina atropurpurea

Scientific Name: Plantago sparsiflora

Scientific Name: Arnoglossum diversifolium

Scientific Name: Tephrosia mohrii

Scientific Name: Smilax pseudochina

Scientific Name: Solanum carolinense hirsutum

Scientific Name: Allium speculae

Scientific Name: Najas filifolia

Scientific Name: Aureolaria patula

Scientific Name: Sedum nevii

Scientific Name: Rhynchospora culixa

Scientific Name: Lotus purshianus helleri

Federa	Il Endangered Species from the U.S. Fish and Wildlife for Common Name: Carolina birds-in-a-nest Status: Under Review	r GA State (Continued) Scientific Name: Macbridea caroliniana
	Common Name: No common name Status: Species of Concern	Scientific Name: Cephaloziella obtusilobula
	Common Name: [Unnamed] sedge Status: Species of Concern	Scientific Name: Carex communis amplisquama
	Common Name: No common name Status: Species of Concern	Scientific Name: Zizia trifoliata
	Common Name: Coyote-thistle aster Status: Species of Concern	Scientific Name: Eurybia eryngiifolia
	Common Name: No common name Status: Species of Concern	Scientific Name: Clinopodium ashei
	Common Name: Georgia lead-plant Status: Under Review	Scientific Name: Amorpha georgiana georgiana
	Common Name: Franklin tree Status: Species of Concern	Scientific Name: Franklinia alatamaha
	Common Name: Shoals spider-lily Status: Species of Concern	Scientific Name: Hymenocallis coronaria
	Common Name: Gray's saxifrage Status: Species of Concern	Scientific Name: Saxifraga caroliniana
	Common Name: Ocmulgee skullcap Status: Under Review	Scientific Name: Scutellaria ocmulgee
	Common Name: Savannah campylopus Status: Species of Concern	Scientific Name: Campylopus carolinae
	Common Name: No common name Status: Species of Concern	Scientific Name: Oxypolis ternata
	Common Name: Thorne's beaked-rush Status: Under Review	Scientific Name: Rhynchospora thornei
	Common Name: Small-headed pipewort Status: Under Review	Scientific Name: Eriocaulon kornickianum
	Common Name: Florida hartwrightia Status: Under Review	Scientific Name: Hartwrightia floridana
	Common Name: Hall's bullrush Status: Under Review	Scientific Name: Schoenoplectus hallii
	Common Name: Piedmont ragwort Status: Species of Concern	Scientific Name: Packera millefolia
	Common Name: No common name Status: Species of Concern	Scientific Name: Lejeunea blomquistii

Federa	I Endangered Species from the U.S. Fish and Wildlife fo Common Name: Oconee-bells Status: Species of Concern	r GA State (Continued) Scientific Name: Shortia galacifolia
	Common Name: [Unnamed] arrowwood Status: Species of Concern	Scientific Name: Viburnum bracteatum
	Common Name: [Unnamed] mint Status: Species of Concern	Scientific Name: Dicerandra radfordiana
	Common Name: [Unnamed] haw Status: Species of Concern	Scientific Name: Crataegus harbisonii
	Common Name: [Unnamed] beaked-rush Status: Species of Concern	Scientific Name: Rhynchospora punctata
	Common Name: Drummond's yellow-eyed grass Status: Species of Concern	Scientific Name: Xyris drummondii
	Common Name: [Unnamed] beaked-rush Status: Species of Concern	Scientific Name: Rhynchospora decurrens
	Common Name: Smooth bog-asphodel Status: Species of Concern	Scientific Name: Tofieldia glabra
	Common Name: No common name Status: Species of Concern	Scientific Name: Crataegus triflora
	Common Name: Southern meadowrue Status: Under Review	Scientific Name: Thalictrum debile
	Common Name: Piedmont barren strawberry Status: Under Review	Scientific Name: Waldsteinia lobata
	Common Name: No common name Status: Species of Concern	Scientific Name: Hypericum adpressum
	Common Name: Harper's dodder Status: Species of Concern	Scientific Name: Cuscuta harperi
	Common Name: Incised groovebur Status: Species of Concern	Scientific Name: Agrimonia incisa
	Common Name: Wireleaf dropseed Status: Under Review	Scientific Name: Sporobolus teretifolius
	Common Name: Sandhills milk-vetch Status: Species of Concern	Scientific Name: Astragalus michauxii
	Common Name: No common name Status: Species of Concern	Scientific Name: Thalictrum macrostylum
	Common Name: Pickering's morning-glory Status: Species of Concern	Scientific Name: Stylisma pickeringii
	Common Name: Barbed rattlesnake root Status: Species of Concern	Scientific Name: Prenanthes barbata

Federal Endangered Species from the U.S. Fish and Wildlife for GA State (Continued...) Group:Insects

Common Name: American sandburrowing mayfly Status: Species of Concern

Common Name: Ford's aphodius scarab Status: Species of Concern

Common Name: Alleghany snaketail Status: Under Review

Common Name: Tapered cave beetle Status: Species of Concern

Common Name: Margarita River skimmer Status: Under Review

Common Name: Elusive clubtail Status: Species of Concern

Common Name: Diana fritillary Status: Species of Concern

Common Name: Eastern beard grass Skipper Status: Species of Concern

Common Name: [Unnamed] looper moth Status: Species of Concern

Common Name: Argo ephemerellan mayfly Status: Species of Concern

Common Name: Wallace's deepwater mayfly Status: Species of Concern

Common Name: Berner's two-winged mayfly Status: Species of Concern

Common Name: Barrens Dagger Moth Status: Species of Concern

Common Name: Georgian cave beetle Status: Species of Concern

Common Name: Tawny crescent Status: Species of Concern

Common Name: Blackwater sandfiltering mayfly Status: Species of Concern

Common Name: Onthophagus tortoise commensal scarab Scientific Name: Onthophagus polyphemi Status: Species of Concern

Common Name: Black lordithon rove beetle Status: Species of Concern

Scientific Name: Dolania americana

Scientific Name: Aphodius fordi

Scientific Name: Ophiogomphus incurvatus alleghaniensis

Scientific Name: Pseudanophthalmus fastigatus

Scientific Name: Macromia margarita

Scientific Name: Stylurus notatus

Scientific Name: Speyeria diana

Scientific Name: Atrytone arogos arogos

Scientific Name: Lytrosis permagnaria

Scientific Name: Ephemerella argo

Scientific Name: Spinadis simplex

Scientific Name: Heterocleon berneri

Scientific Name: Acronicta albarufa

Scientific Name: Pseudanophthalmus georgiae

Scientific Name: Phyciodes batesii

Scientific Name: Homoeoneuria dolani

Scientific Name: Lordithon niger

Federal Endangered Species from the U.S. Fish and Wildlife for Common Name: Monarch buttefly Status: Under Review	or GA State (Continued) Scientific Name: Danaus plexippus plexippus
Common Name: Setose Cream and Brown Mottle microcaddisfly Status: Under Review	Scientific Name: Oxyethira setosa
Common Name: Rare skipper Status: Under Review	Scientific Name: Problema bulenta
Common Name: Okefenokee zale moth Status: Species of Concern	Scientific Name: Zale perculta
Common Name: Appalachian snaketail Status: Under Review	Scientific Name: Ophiogomphus incurvatus
Group:Mammals	
Common Name: Cumberland pocket gopher Status: Species of Concern	Scientific Name: Geomys cumberlandius
Common Name: Southern Appalachian eastern woodrat Status: Species of Concern	Scientific Name: Neotoma floridana haematoreia
Common Name: Southeastern myotis Status: Species of Concern	Scientific Name: Myotis austroriparius
Common Name: Blackbeard Island white-tailed deer Status: Species of Concern	Scientific Name: Odocoileus virginianus nigribarbis
Group:Reptiles	
Common Name: Eastern diamondback rattlesnake Status: Under Review	Scientific Name: Crotalus adamanteus
Common Name: Alabama Map turtle Status: Under Review	Scientific Name: Graptemys pulchra
Common Name: Mimic glass lizard Status: Species of Concern	Scientific Name: Ophisaurus mimicus
Common Name: Northern pine snake Status: Species of Concern	Scientific Name: Pituophis melanoleucus melanoleucus
Common Name: Island glass lizard Status: Species of Concern	Scientific Name: Ophisaurus compressus
Common Name: Mississippi diamondback terrapin Status: Species of Concern	Scientific Name: Malaclemys terrapin pileata
Common Name: Southern hognose snake Status: Under Review	Scientific Name: Heterodon simus
Group:Snails	
Common Name: Upland hornsnail	Scientific Name: Pleurocera showalteri

Federal Endangered Species from the U.S. Fish and Wildlife for GA State (Continued) Status: Species of Concern			
Common Name: Beaver pond marstonia Status: Species of Concern	Scientific Name: Pyrgulopsis castor		
Common Name: Reverse pepplesnail Status: Under Review	Scientific Name: Somatogyrus alcoviensis		
Common Name: Skirted hornsnail Status: Under Review	Scientific Name: Pleurocera pyrenella		
Common Name: Savannah pebblesnail Status: Species of Concern	Scientific Name: Somatogyrus tenax		
Common Name: Black-crest elima Status: Species of Concern	Scientific Name: Elimia albanyensis		
Common Name: Beaverpond marstonia Status: Under Review	Scientific Name: Marstonia castor		
Common Name: [Unnamed] hornsnail Status: Species of Concern	Scientific Name: Pleurocera viridulum		
Common Name: Spindle elimia Status: Species of Concern	Scientific Name: Elimia capillaris		
Common Name: Ocmulgee marstonia Status: Under Review	Scientific Name: Marstonia agarhecta		
Common Name: Ocmulgee marstonia Status: Species of Concern	Scientific Name: Pyrgulopsis agarhecta		
Common Name: Flaxen elimia Status: Species of Concern	Scientific Name: Elimia boykiniana		
Common Name: Boulder snail Status: Species of Concern	Scientific Name: Leptoxis crassa		
Federal Endangered Species from the U.S. Fish and Wildlife for TROUP County Group:Clams			
Common Name: Gulf moccasinshell Status: Endangered	Scientific Name: Medionidus penicillatus		
Common Name: Purple bankclimber (mussel) Status: Threatened	Scientific Name: Elliptoideus sloatianus		
Common Name: Oval pigtoe Status: Endangered	Scientific Name: Pleurobema pyriforme		
Common Name: Shinyrayed pocketbook Status: Endangered	Scientific Name: Lampsilis subangulata		
Group:Ferns and Allies			
Common Name: Black spored quillwort	Scientific Name: Isoetes melanospora		

Federal Endangered Species from the U.S. Fish and Wildlife for TROUP County (Continued...) Status: Endangered

Group:Flowering Plants

Common Name: Little amphianthus Status: Threatened

Scientific Name: Amphianthus pusillus

Map ID Direction Distance Distance (f	t.)	EDR ID Database
1 North 0-1/8 mi 0	Common Name: Scientific Name: GRank: SRank: Area Name: Animal/Plant: Element Group: Habitat: Last Observed:	GANAEO000001419 GA Endangered Species Blacktip Shiner Lythrurus atrapiculus G4 S2 Hogansville, GA, SE Animal Fishes Pools and backwater areas in small to medium-sized creeks over sandy substrate 2001-07-11
	Common Name: Scientific Name: GRank: SRank: Area Name: Animal/Plant: Element Group: Habitat: Last Observed:	Highscale Shiner Notropis hypsilepis G3 S3 Hogansville, GA, SE Animal Fishes Flowing areas of small to large streams over sand or bedrock substrates 1999-08-10

2 North 1/4-1/2 mi 1686

GANAEO000001422 GA Endangered Species

3 East 1/2-1 mi 4116

GANAEO000001421 GA Endangered Species

4 ENE 1/2-1 mi 4448

GANAEO000001423 GA Endangered Species

Endangered Species Codes

Global Imperilment Rank Codes - GRANK: Priority rank (1-5) based on number of occurrences through element's range.

G1 - Critically imperiled globally because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extinction.

G2 - Imperiled globally because of rarity (6-20 occurrences or few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extinction.

G3 - Vulnerable. Either very rare and local throughout its range or found locally (even abundantly at some of its locations) in a restricted range. (e.g., a single western state, a physiographic region in the East) or because of other factors making it vulnerable to extinction throughout its range; in terms of occurrences, in the range of 21 - 100.

G4 - Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.

G5 - Demonstrably secure globally, though it may be quite rare in parts of its range, especially at the periphery.

GH - Possibly extinct or eliminated. Of historical occurrence throughout its range, i.e., formerly part of the established biota, with the expectation that it may be rediscovered (e.g., Bachman's Warbler). For historic and ecological communities, no likelihood for rediscovery, but possibility of restoration (e.g., American Chestnut Forest).

GNA - Not applicable to the element at a global level. Includes Hybrids, Invasive species, species of Domestic Origin, Cultural communities, and communities that have been managed.

GNR - Rank not assigned.

GU - Unrankable. Possibly in peril range-wide but status uncertain; more information is needed.

GX - Believed to be extinct throughout range (e.g., Passenger Pigeon) with virtually no likelihood that it will be rediscovered. For an ecological community, no restoration potential.

G#G# - Rank with a range. Used to show the range of uncertainty, will not skip more than 1 rank.

T-RANKS - T subranks are given to global ranks when a subspecies, variety, or race is considered at the state level. The subrank is made up of a "T" plus a number or letter (1, 2, 3, 4, 5, H, U, X) with the same ranking rules as a full species.

State Rank Codes - SRANK: Priority rank (1-5) based on number of occurrences through element's range.

S1 - Critically imperiled, Extremely rare. Typically 5 or fewer estimated occurrences in the state, or only a few remaining individuals, may be especially vulnerable to extirpation.

S2 - Imperiled, very rare. Typically between 5 and 20 estimated occurrences or with many individuals in fewer occurrences, often susceptible to becoming extirpated.

S3 - Vulnerable, rare to uncommon. Typically between 21 and 100 estimated occurrences, may have fewer occurrences but with large number of individuals in some populations, may be susceptible to large-scale disturbances.

S4 - Common, apparently secure under present conditions. Typically 100 or more estimated occurrences, but may be fewer with many large populations, may be restricted to only a portion of the state, usually not susceptible to immediate threats.

S5 - Demonstrably widespread, common, and secure in the state and essentially ineradicable under present conditions.

SA - Accidental.

SH - Historically known from the state, but not verified for an extended period, usually 15 years.

SU - Unrankable, not assessed. Possibly in peril in the state, but status uncertain, more information is needed. When possible, the most likely rank is assigned and a question mark is added to show uncertainty.

SX - Apparently extirpated from state.

SNR - Unranked. The state rank not yet assessed.

SRF - Reported falsely in the state.

SE - Exotic for local area.

SZ - Birds that migrate through the state but have no identifiable location.

S#S# - State level of G#G#.

Endangered Species Codes, (Continued...)

General Ranking Notes

- Q A "Q" in the global rank indicates the element's taxonomic classification as a species is a matter of conjecture among scientists.
- A Accidental far outside usual range
- C Captive or Cultivated only
- HYB Element represents an interspecific hybrid, not a species
- R Reported but not confirmed
- Z Zero Occurrences

Breeding Status Qualifiers (animals only)

- B Breeding population of the element
- N Nonbreeding population of the element
- M Migrant population

Historic Sites Map



SITE NAME: City of Hogansville - Lake Jimmy Jackson Park	CLIENT: Mill Creek Environmental LLC
ADDRESS: 1430 Blue Creek Road	CONTACT: Jake Irwin
Hogansville GA 30230	INQUIRY #: 6440149.10s
LAT/LONG: 33.182869 / 84.888454	DATE: April 7, 2021 TC64401

Copyright © 2021 EDR, Inc. © 2015 TomTom Rel. 2015.

HISTORIC SITES MAP FINDINGS

Map ID	
Direction	
Distance	
Distance (ft.)	

1 ENE

2876

2

ENE

3076

1/2-1 mi

EDR ID Database

S side Blue Creek Road, 1st house E of Sportsman Club Road S side Blue Creek Road, 1st house E of Sportsman Club Road 1/2-1 mi Hogansville , GA 30230 Classificati

Building
1894
No academic style
Single dwelling (single living unit)
Single dwelling (single living unit)

GA202000048653 **GA Historic Sites**

GA2020000048652

GA Historic Sites

Construction Date: 1904 Architecture: No academic style Current Use: Single dwelling (single living ur Original Use: Single dwelling (single living ur	nit)
Original Use: Single dwelling (single living u	nit)

1361 Blue Creek Road - N side Blue Creek Road, 2nd house E

1361 Blue Creek Road - N side Blue Creek Road, 2nd house E

Stark Mill and Mill Village Historic District

of Sportsman Club Road, set back

of Sportsman Club Road, set back

Hogansville, GA 30230

3 wsw Roughly bounded by Lincoln, Askew, Church, Keith, and Brazil 1/2-1 mi Sts, Whaley Ave. and the Hogansville city limits 3324 Hogansville, GA

USHDCNP00015832 National Register of Hist. Places

Ref #:	00000754
Multiple Property Name:	Not Reported
County:	Troup
Restricted:	Not Reported
Certification:	LISTED IN THE NATIONAL REGISTER
Certification Date:	20000705
Туре:	District
# of Contrib Bldgs:	324
# of Contrib Sites:	2
# of Contrib Objects:	Not Reported
# of Contrib Structs:	3
Documents:	https://npgallery.nps.gov/AssetDetail/NRIS/00000754

UNMAPPABLE HISTORIC SITES

Due to p	oor 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



	TC6440149.10s Page
Hogansville GA 30230 INQUIRY #: 6440149.10s 33.182869 / 84.888454 DATE: April 7, 2021	
33.182869 / 84.888454 DATE: April 7. 2021	
	TC6440149.10s Page

LAT/LONG:

FLOOD PLAIN MAP FINDINGS

Source: FEMA FIRM Flood Data, FEMA Q3 Flood Data

Flood Panel Number	FEMA Source Type			
Flood Plain panel at target property: 13077C0350D (FEMA FIRM Flood data)				
Additional Flood Plain panel(s) in search area:13077C0335D(FEMA FIRM Flood data)13077C0355D(FEMA FIRM Flood data)13077C0375D(FEMA FIRM Flood data)				
Map ID Direction Distance Distance (ft.)	Descript	ion	Database	
1 North 0-1/16 mi 0	Special Flood Hazard Area: Flood Hazard Area: Flood Zone: Sub Type:	Yes Special Flood Hazard Area (1%) A Not Reported	FLOODPLAIN	
2 NNE 1/4-1/2 mi 2224	Special Flood Hazard Area: Flood Hazard Area: Flood Zone: Sub Type:	Yes Special Flood Hazard Area (1%) A Not Reported	FLOODPLAIN	

Wetlands Map



SITE NAME: ADDRESS:	City of Hogansville - Lake Jimmy Jackson Park 1430 Blue Creek Road Hogansville GA 30230	CLIENT: CONTACT: INOLIBY #	Mill Creek Environmental LLC Jake Irwin 6440149 10s)			
LAT/LONG:	33.182869 / 84.888454	DATE:	April 7, 2021	TC6440149.10s Page 23 of 43			
	Source:	Fish	and	Wildlife	Service	NWI	data
--	---------	------	-----	----------	---------	-----	------
--	---------	------	-----	----------	---------	-----	------

NWI hardcopy map at target property: Hogansville Additional NWI hardcopy map(s) in search area: Grantville

Map ID Direction Distance Distance (ft	.) Code and Description*	Database
A1 East 0-1/8 mi 2	GA State Wetlands Lat/Lon: 33.182869 / -84.888451	STATE WETLANDS
A2 East 0-1/8 mi 2	L1UBHh [L] Lacustrine [1] Limnetic [UB] Unconsolidated Bottom [H] Permanently Flooded [h] Diked/Impounded Lat/Lon: 33.182869 / -84.888451	NWI
B3 NNE 1/4-1/2 mi 2500	GA State Wetlands Lat/Lon: 33.189411 / -84.885963	STATE WETLANDS
B4 NNE 1/4-1/2 mi 2501	PFO1C [P] Palustrine [FO] Forested [1] Broad-Leaved Deciduous [C] Seasonally Flooded Lat/Lon: 33.189430 / -84.886024	NWI
B5 NNE 1/4-1/2 mi 2508	GA State Wetlands Lat/Lon: 33.189178 / -84.885162	STATE WETLANDS
B6 NNE 1/4-1/2 mi 2508	PFO1A [P] Palustrine [FO] Forested [1] Broad-Leaved Deciduous [A] Temporarily Flooded Lat/Lon: 33.189182 / -84.885162	NWI
B7 NNE 1/2-1 mi 2850	L1UBHh [L] Lacustrine [1] Limnetic [UB] Unconsolidated Bottom [H] Permanently Flooded [h] Diked/Impounded Lat/Lon: 33.190426 / -84.886009	NWI
B8 NNE 1/2-1 mi 2851	GA State Wetlands Lat/Lon: 33.190399 / -84.885887	STATE WETLANDS

Map ID Direction Distance Distance (fi	t.) Code and Description*	Database
C9 NNE 1/2-1 mi 2993	PFO1C [P] Palustrine [FO] Forested [1] Broad-Leaved Deciduous [C] Seasonally Flooded Lat/Lon: 33.190536 / -84.884911	NWI
2000		
C10 NNE	GA State Wetlands	STATE WETLANDS
2995	Lat/Lon: 33.190540 / -84.884911	
D11 West	GA State Wetlands	STATE WETLANDS
1/2-1 mi 3163	Lat/Lon: 33.181850 / -84.898720	
D12 West 1/2-1 mi 3163	PUBHh [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded [h] Diked/Impounded Lat/Lon: 33.181850 / -84.898720	NWI
E13 East 1/2-1 mi 3532	L2AB3Hh [L] Lacustrine [2] Littoral [AB] Aquatic Bed [3] Rooted Vascular [H] Permanently Flooded [h] Diked/Impounded Lat/Lon: 33.181004 / -84.877129	NWI
E14 Fast	GA State Wetlands	STATE WETLANDS
1/2-1 mi 3530	Lat/Lon: 33.181000 / -84.877129	
F15 East	GA State Wetlands	STATE WETLANDS
1/2-1 mi 3543	Lat/Lon: 33.184101 / -84.876968	
F16 East 1/2-1 mi 3543	PEM1Fh [P] Palustrine [EM] Emergent [1] Persistent [F] Semipermanently Flooded [h] Diked/Impounded Lat/Lon: 33.184101 / -84.876968	NWI
G17 East 1/2-1 mi 3548	PEM1Fh [P] Palustrine [EM] Emergent [1] Persistent [F] Semipermanently Flooded [h] Diked/Impounded Lat/Lon: 33.182728 / -84.876862	NWI

Map ID Direction Distance		
Distance (f	t.) Code and Description*	Database
G18 East	GA State Wetlands	STATE WETLANDS
3548	Lat/Lon: 33.182732 / -84.876862	
H19 West 1/2-1 mi	PFO1A [P] Palustrine [FO] Forested [1] Broad-Leaved Deciduous [A] Temporarily Flooded	NWI
3640	Lat/Lon: 33.183231 / -84.900345	
H20 West	GA State Wetlands	STATE WETLANDS
1/2-1 mi 3642	Lat/Lon: 33.183151 / -84.900352	
G21 East 1/2-1 mi 3958	PFO1Ch [P] Palustrine [FO] Forested [1] Broad-Leaved Deciduous [C] Seasonally Flooded [h] Diked/Impounded Lat/Lon: 33.182549 / -84.875519	NWI
G22 East	GA State Wetlands	STATE WETLANDS
1/2-1 mi 3960	Lat/Lon: 33.182549 / -84.875519	
I23 WNW	GA State Wetlands	STATE WETLANDS
1/2-1 mi 4127	Lat/Lon: 33.187580 / -84.900719	
I24 WNW 1/2-1 mi 4127	R2UBHx [R] Riverine [2] Lower Perennial [UB] Unconsolidated Bottom [H] Permanently Flooded [x] Excavated Lat/Lon: 33.187580 / -84.900719	NWI
J25 ESE	GA State Wetlands	STATE WETLANDS
1/2-1 mi 4359	Lat/Lon: 33.179741 / -84.874702	
J26 ESE 1/2-1 mi 4361	PFO1Ch [P] Palustrine [FO] Forested [1] Broad-Leaved Deciduous [C] Seasonally Flooded [h] Diked/Impounded Lat/Lon: 33.179737 / -84.874695	NWI

Map ID Direction Distance	t) Code and Description*	Databasa
Distance (I	t.) Code and Description	Dalabase
K27 ENE	GA State Wetlands	STATE WETLANDS
1/2-1 mi 4422	Lat/Lon: 33.185799 / -84.874428	
K28 ENE 1/2-1 mi	PUBHx [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded [x] Excavated	NWI
4422	Lat/Lon: 33.185799 / -84.874428	
L29 East	GA State Wetlands	STATE WETLANDS
1/2-1 mi 4557	Lat/Lon: 33.183689 / -84.873589	
L30 East	PFO1C [P] Palustrine [FO] Forested [1] Broad-Leaved Deciduous [C] Seasonally Flooded	NWI
1/2-1 mi 4560	Lat/Lon: 33.183693 / -84.873589	
M31 NW 1/2-1 mi	PFO1A [P] Palustrine [FO] Forested [1] Broad-Leaved Deciduous [A] Temporarily Flooded	NWI
4602	Lat/Lon: 33.191238 / -84.899727	
M32 NW	GA State Wetlands	STATE WETLANDS
1/2-1 mi 4602	Lat/Lon: 33.191238 / -84.899727	
33 South 1/2-1 mi 4639	PUBHh [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded [h] Diked/Impounded Lat/Lon: 33.170128 / -84.887825	NWI
N34 WNW	PUBH [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded	NWI
1/2-1 mi 4783	Lat/Lon: 33.189190 / -84.902161	
N35 WNW	GA State Wetlands	STATE WETLANDS
1/2-1 mi 4784	Lat/Lon: 33.189297 / -84.902092	

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.





* 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.



SUBSY	SUBSYSTEM				P - PALUS	TRINE			
CLASS Bottom	RBROCK BOTTOM	UBUNCONSOLIDATED BOTTOM	AB-AQUATIC BED	USUNCONSOLIDATED SHORE	MLMOSS- LICHEN	EMEMERGENT	SSSCRUB-SHRUB	FOFORESTED	OW-OPEN WATER/ Unknown
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 Submergent 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 Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen Evergre 4 Needle-Leaved Evergreen Evergre 5 Dead 6 Deciduous 6Deci 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved een 4 Needle-Leaved een 5 Dead duous 7 Evergreen	

	soil, or specia	In order to more adequate al modifiers may be applied a	MG ly describe wetland and deep tt the class or lower level in th	DDIFIERS water habitats one or more o e hierarchy. The farmed m	of the water regime odifier may also be	e, water chemistry, e applied to the ecologic	al system.	
	WATER REGIME			WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non-Tidal A Temporarily Flooded B Saturated C Seasonally Flooded D Seasonally Flooded/ Well Drained E Seasonally Flooded/ Saturated F Semipermanently Flooded G Intermittently Exposed	Fidal CoastalH: H Permanently Flooded J Intermittently Flooded K Artificially Flooded W Intermittently Flooded/Temporary Y Saturated/Semipermanent/ Seasonal Z Intermittently Exposed/Permanent U Unknown	linityInlandSalinitypHMo K Artificially Flooded L Subtidal M Irregularly Exposed N Regularly Flooded P Irregularly Flooded *These water reg tidally influenc	difiersfor *S Temporary-Tidal *R Seasonal-Tidal *T Semipermanent -Tidal V Permanent -Tidal U Unknown gimes are only used in ed, freshwater systems.	1 Hyperhaline 2 Euhaline 3 Mixohaline (Brackish) 4 Polyhaline 5 Mesohaline 6 Oligohaline 0 Fresh	7 Hypersaline 8 Eusaline 9 Mixosaline 0 Fresh	all Fresh Water a Acid t Circumneutral i Alkaline	g Organic n Mineral	b Beaver d Partially Drained/Ditched f Farmed h Diked/Impounded r Artificial Substrate s Spoil x Excavated

Source: U.S. Department of the Interior Fish and Wildlife Service National Wetlands Inventory

FCC & FAA Sites Map



SITE NAME:	City of Hogansville - Lake Jimmy Jackson Park
ADDRESS:	1430 Blue Creek Road
	Hogansville GA 30230
LAT/LONG:	33.182869 / 84.888454

CLIENT: Mill Creek En CONTACT: Jake Irwin INQUIRY #: 6440149.10s Mill Creek Environmental LLC DATE: April 7, 2021 Copyright © 2021 EDR, Inc. © 2015 TomTom Rel. 2015.

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.

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

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

US NWP: National Wilderness Preservation System

This map layer consists of National Wilderness Preservation System areas of 320 acres or more, in the United States, Puerto Rico, and the U.S. Virgin Islands. Some established wilderness areas which are larger than 320 acres are not included in this map layer because their boundaries were not available from the owning or administering agency.

Source: U.S. Geological Survey. Telephone: 888-275-8747

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

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

GA DNR Managed Lands: GA DNR Managed Lands This dataset provides data depicting boundaries of land parcels making up the lands managed by the Department of Natural Resources in Georgia. Source: Department of Natural Resources. Telephone: 706-557-3033

GA Natural Resources Conservation: Natural Resources Conservation Service Lands This dataset provides data depicting boundaries of land parcels making up the lands managed by the Natural Resources Conservation Service in Georgia. Source: Department of Natural Resources. Telephone: 706-557-3032

GA Fish/Wildlife Lands: Fish and Wildlife Lands This dataset provides data depicting boundaries of land parcels making up the lands managed by the Natural Resources Conservation Service in Georgia. Source: Department of Natural Resources. Telephone: 706-557-3032

GA Forest Lands: Forest Lands This dataset provides data depicting boundaries of land parcels making up the lands managed by the Natural Resources Conservation Service in Georgia. Source: Department of Natural Resources. Telephone: 706-557-3032

GA Public Lands: Natural Heritage Program Database Locations of rare animals, plants, and natural communities Source: Department of Natural Resources. Telephone: 770-918-6411

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

US ACEC: Areas of Critical Environmental Concern Designated Polygons The designated ACECs are "areas within the public lands where special management attention is required to protect and prevent irreparable damage to important historic, cultural, or scenic values, fish and wildlife resources or other natural systems of processes, or to protect life and safety from natural hazards Source: Bureau of Land Management. Telephone: 202-912-7352

US Critical Water Habitat: US Critical Water Habitat When a species is proposed for listing as endangered or threatened under the Endangered Species Act, the U.S. Fish and Wildlife Service must consider whether there are areas of habitat believed to be essential the species conservation. Those areas may be proposed for designation as critical habitat. Critical habitat is a term defined and used in the Act. Source: US Fish & Wildlife Services. Telephone: 970-226-9468

US Critical Land Habitat: US Critical Land Habitat

When a species is proposed for listing as endangered or threatened under the Endangered Species Act, the U.S. Fish and Wildlife Service must consider whether there are areas of habitat believed to be essential the species conservation. Those areas may be proposed for designation as critical habitat. Critical habitat is a term defined and used in the Act. Source: US Fish & Wildlife Services. Telephone: 970-226-9468

US Scenic River: National Wild and Scenic River System National Wild and Scenic Rivers System Source: USGS National Atlas and the Interagency Wild and Scenic River Coordinating Council. Telephone: 509-546-8333

US Proclamation Boundaries: US Proclamation Boundaries Approved, Proclamation or Extent Boundary Source: USGS. Telephone: 208-301-8288

US NCED: National Conservation Easement Database NCED shows a comprehensive picture of privately owned conservation easement lands in the U.S. The NCED will allow better strategic planning for conservation and development by merging data on land protection with biodiversity and resources, improving ecological and economic plans and investments. Source: U.S Endowment for Forestry and Communities. Telephone: 202-621-1647

Federal Contacts for Additional Information Fish & Wildlife Service, Fish & Wildlife 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 <u>Government Records Searched in This Report</u> 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, Fish & Wildlife Region 4 Budget and Finance 1875 Century Boulevard Atlanta GA 30345 404-679-4096

Endangered Species

Government Records Searched in This Report

GA Endangered Species: Rare Species Location Data

Known rare species and natural community EOs (element occurrences) generalized to the county, quarter quad, huc8 and huc10 level.

Source: Department of Natural Resources. Telephone: 770-918-6411

Federal Endangered Species by County: Threatened and Endangered Species Listing Endangered, Threatened, Emergency Listing (Endangered), Emergency Listing (Threatened), Experimental Population (Essential), Experimental Population (Non-Essential), Similarity of Appearance (Endangered), Similarity of Appearance (Threatened). Source: US Fish and Wildlife Services. Telephone: 800-344-9453

Federal Contacts for Additional Information

Fish & Wildlife Service, Fish & Wildlife 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: 07/19/2015

GA Historic Sites: Historic Places Listing Listing of historic sites on the State Register Source: Department of Natural Resources. Telephone: 770-389-7843

Potomac Heritage National Scenic Trail: Potomac Heritage National Scenic Trail Source: Potomac Heritage NST Office. Telephone: 304-535-4014

Natchez Trace National Scenic Trail: Natchez Trace National Scenic Trail Source: Natchez Trace Parkway. Telephone: 800-305-7417

Indian Reservations: Indian Reservations This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres. Source: USGS. Telephone: 202-208-3710

US Trails: US Trails This dataset contains a baseline inventory and condition assessment of all non-motorized trails on U.S. Fish and Wildlife Service lands as part of the National Trails Inventory Program conducted by the US Dept. of Transportation, Federal Highway Administration, Federal Lands Highway Division. Source: U.S. Fish and Wildlife. Telephone: 703-358-2205

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 <u>Government Records Searched in This Report</u> 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

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 National Scenic Trail Source: Appalachian Trail Conservancy and National Park Service Appalachian Trail Park Office Telephone: (304) 535-6278 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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts Special Flood Hazard Areas (1%) and 0.2% Annual Chance of Flood Hazard as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA Phone: 877-336-2627 Date of Government Version: 2015, 2003

Federal Contacts for Additional Information Federal Emergency Management Agency 877-3362-627

State Contacts for Additional Information Georgia Emergency Management Agency 404-635-7000

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 2002, 2005, 2010, and 2015 from the U.S. Fish and Wildlife Service.

Source: U.S. Fish and Wildlife Service. Phone: 608-238-9333 Date of Government Version: 05/28/2015

State Wetlands Data: Wetlands Inventory Source: Georgia GIS Clearinghouse Telephone: 706-542-1581

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

919-733-2293

301-713-3102

Government Records Searched in This Report CAMA Management Areas Dept. of Env., Health & Natural Resources

Federal Contacts for Additional Information Office of Ocean and Coastal Resource Management N/ORM, SSMC4 1305 East-West Highway Silver Spring, Maryland 20910

State Contacts for Additional Information Dept. of Natural Resources, Coastal Resources Division 912-264-7218

GA Shoreline of Georgia Atlantic Coast U.S. Geological Survey, Center for Coastal and Watershed Studies 727-803-8747

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

Antenna Structure Registration

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 Sprinng, 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

PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

OTHER CONTACT SOURCES

Georgia State Clearinghouse 270 Washington Street, SW Atlanta GA 30334 404-656-3855

STREET AND ADDRESS INFORMATION

(c) 2015 TomTom 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 TomTom 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

Cultural and Historic Resources Information and Correspondence

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Troup County, Georgia



Local office

Georgia Ecological Services Field Office

▶ (706) 613-9493▶ (706) 613-6059

355 East Hancock Avenue Room 320 Athens, GA 30601

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

- 1. Draw the project location and click CONTINUE.
- 2. Click DEFINE PROJECT.
- 3. Log in (if directed to do so).
- 4. Provide a name and description for your project.
- 5. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the <u>Ecological Services Program</u> of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact <u>NOAA Fisheries</u> for <u>species under their jurisdiction</u>.

- 1. Species listed under the <u>Endangered Species Act</u> are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the <u>listing status page</u> for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
- 2. <u>NOAA Fisheries</u>, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Eastern Black Rail Laterallus jamaicensis ssp. jamaicensis Wherever found No critical habitat has been designated for this species. <u>https://ecos.fws.gov/ecp/species/10477</u>

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described <u>below</u>.

- 1. The <u>Migratory Birds Treaty Act</u> of 1918.
- 2. The <u>Bald and Golden Eagle Protection Act</u> of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern <u>http://www.fws.gov/birds/management/managed-species/</u> <u>birds-of-conservation-concern.php</u>
- Measures for avoiding and minimizing impacts to birds <u>http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/</u> <u>conservation-measures.php</u>
- Nationwide conservation measures for birds <u>http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf</u>

The birds listed below are birds of particular concern either because they occur on the <u>USFWS Birds</u> of <u>Conservation Concern</u> (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ <u>below</u>. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the <u>E-bird data mapping tool</u> (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found <u>below</u>.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME

BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.)

Breeds May 10 to Aug 31

Wood Thrush Hylocichla mustelina This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

- 1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
- 2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any

week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (=)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

<u>Nationwide Conservation Measures</u> describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. <u>Additional measures</u> or <u>permits</u> may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS <u>Birds of Conservation Concern (BCC)</u> and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the <u>Avian Knowledge Network</u> (<u>AKN</u>). The AKN data is based on a growing collection of <u>survey</u>, <u>banding</u>, <u>and citizen science datasets</u> and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (<u>Eagle Act</u> requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the <u>AKN Phenology Tool</u>.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the <u>Avian Knowledge Network (AKN)</u>. This data is derived from a growing collection of <u>survey</u>, <u>banding</u>, <u>and citizen</u> <u>science datasets</u>.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: <u>The Cornell Lab of Ornithology All About Birds Bird Guide</u>, or (if you are unsuccessful in locating the bird of interest there), the <u>Cornell Lab of Ornithology Neotropical Birds</u> <u>guide</u>. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

- 1. "BCC Rangewide" birds are <u>Birds of Conservation Concern</u> (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
- 2. "BCC BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
- 3. "Non-BCC Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the <u>Eagle Act</u> requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the <u>Northeast Ocean Data Portal</u>. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the <u>NOAA NCCOS</u> <u>Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf</u> project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the <u>Diving Bird Study</u> and the <u>nanotag studies</u> or contact <u>Caleb Spiegel</u> or <u>Pam</u> <u>Loring</u>.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to <u>obtain a permit</u> to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the <u>National Wildlife Refuge</u> system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to <u>NWI wetlands</u> and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local <u>U.S. Army Corps of</u> <u>Engineers District</u>.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

This location overlaps the following wetlands:

FRESHWATER FORESTED/SHRUB WETLAND
PFO1C

LAKE

<u>L1UBHh</u>

A full description for each wetland code can be found at the National Wetlands Inventory website

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.



SITE NAME:	City of Hogansville - Lake Jimmy Jackson Park 1430 Blue Creek Boad	CLIENT: CONTACT
	Hogansville GA 30230	INQUIRY #:
LAT/LONG:	33.182869 / 84.888454	DATE:

IT: ACT	MIII Creek Env	ronmental LLC	
RY #.	6440149.10s April 7, 2021	TC6440149.10s Page 3 of 43	

Wood Thrush Habitat Model

go to: USFWS Gulf of Maine Watershed Habitat Analysis go to: Species Table Feedback: We welcome your suggestions on improving this model!

Draft Date:

February, 2001

Species: Wood thrush, *Hylocichla mustelina*

Use of Study Area Resources:

Reproduction, throughout study area. The wood thrush breeds from northern Gulf of Mexico to southeastern Canada and winters in southern Mexico through Panama.

Habitat Requirements:

<u>Cover</u>. The wood thrush breeds in cool mature, lowland, mixed or more typically, deciduous forests, particularly mesic to damp woodlands with an abundance of saplings, often near swamps or water (Kendeigh 1948, Dilger 1956, DeGraaf and Rappole 1995). It prefers a shrub sub-canopy layer, shade, and an intermediate soil moisture regime (Morse 1971, Bertin 1977, Roth et al. 1996). Hoover and Brittingham (1998) found that nests in forested area of Pennsylvania were associated with greater densities of trees, greater canopy closure, higher density of shrubs, and taller shrub height. Wood thrush nests are built in trees or shrubs; nests are made of herbaceous stems, leaves, grasses ,and mud (Roth et al. 1996).

<u>Foraging</u>. Wood thrushes forage on the ground, probing loose soil, gleaning insects from the leaf litter, or taking fruit from ground vegetation. They feed mostly on insects and insect larvae, such as beetles, flies, ants and caterpillars, as well as isopods and millipedes; fruits are also taken as they become available, including spicebush, elderberry, blueberry, holly, pokeweed, Virginia creeper, dogwood, and Jack-in-the-pulpit (Roth et al. 1996).

<u>Area.</u> The wood thrush is somewhat tolerant of forest fragmentation. It may be found in habitat patches of 1 to 5 ha (Robbins et al. 1989, DeGraaf and Rappole 1995) or even smaller. Friesen et al. (1999) did not find that nesting success was related to distance from forest edge or forest size in a highly fragmented landscape in Ontario. However, Weinberg and Roth (1998) observed just this effect in tracts from 0.2 to 15 ha in Delaware. That is, thrushes nested in even very small tracts, but these nests were unsuccessful, primarily as a result of high rates of nest depredation. Robbins et al. (1989) calculated that the optimum area for wood thrush breeding was 500 ha, and the minimum suitable area was 1.0 ha (50% of the frequency of occurrence of larger tracts). Robbins (1979) estimated 100 ha as the minimum area required to support a viable breeding population. Hoover et al. (1995) found that wood thrushes in a wide range of tract sizes in Pennsylvania had nesting success less than 50% in tracts < 80 ha. Moreover, "core area" (remote from the forest edge) appeared to be important to nesting success.

<u>Disturbance</u>. Wood thrushes make use of suburban habitats (Dilger 1956), but are significantly less common near paved road or powerline edges (Roth et al. 1996).

Model:

Habitat was based on vegetative cover (see table, below), patch size, distance from edge, and moisture regime. Patches of suitable forest types of 150 ha or larger were regarded as optimal (1.0); 80 to 150 ha was scored 0.7; 1 to 80 ha was scored 0.3; any smaller = 0.

The edges of forested patches were regarded as less valuable than forest interiors. Scores for habitat within 60 m of non-forested covers were multiplied by 0.5.

Hydric soils were selected from digital USDA/NRCS soils maps. Sites having poorly drained (hydric) soils, or within 60 m from ponds or streams, were regarded as more favorable than drier sites; scores for the latter were multiplied by 0.5.

NWI Designations (wetlands only)	Cover TypesCover Suitabili (0 - 1 scale)			
	Upland deciduous forest	1.0		
	Upland coniferous forest			
	Upland mixed forest	1.0		
	Grassland			
	Upland scrub/shrub			
	Cultivated			
	Developed			
	Bare ground			
PEM, L2EM	Lake/pond, emergent vegetation			
PFOcon	Palustrine forest, conifer			
PFOdec	Palustrine forest, deciduous	1.0		
PSSdec	Palustrine scrub shrub, deciduous			
PSScon	Palustrine scrub shrub, conifer			
PAB, L2AB	Lake/pond, aquatic vegetation			
L1UB, PUB	Lake/pond, unconsolidated bottom			
L2US	Lake, unconsolidated shore			
L2RS	Lake, rocky shore			
R1UB	Riverine subtidal unconsolidated			
Rper	Riverine perennial			
E1AB	Estuarine subtidal vegetated			
E1UB	Estuarine subtidal unconsolidated bottom			
E2AB	Estuarine intertidal algae			
E2EM	Estuarine intertidal emergent			
E2RS, R1RS	Estuarine, tidal river rocky shore			
E2SS	Estuarine intertidal shrub			
E2US, R1US	Estuarine, riverine intertidal unconsolidated shore			
M1AB	Marine subtidal vegetated			
M1UB	Marine subtidal unconsolidated bottom			
M2AB	Marine intertidal algae			
M2RS	Marine intertidal rocky shore			
M2US	Marine intertidal unconsolidated shore			
NOTES				

Overall habitat suitability was calculated as the product of the cover, area, edge, and moisture scores.

Model Testing: The wood thrush occurrences along Breeding Bird Survey routes throughout the study area were used to test the habitat map. We compared the presence of habitat near a random set of 797 upland points to that for Breeding Bird Survey stops at which wood thrushes were observed in 1997 or 1998. Of the 475 sites with

birds, 474 had mapped habitat, while 768 sites out of the 797 randomly distributed sites had habitat. The Chisquare was highly significant, indicating that the overall model does indicate localities useful to wood thrushes. When just the higher scored habitats were tested (e.g., 0.3, 0.5, 0.7 habitat suitability levels), the level of significance increased, respectively. This stronger association for the higher scored habitats indicating that the relative habitat scoring was valid.

Sources:

Bertin, R.I. 1977. Breeding habitats of the Wood Thrush and Veery. Condor 79:303-311.

DeGraaf, R.M. and J.H. Rappole. 1995. Neotropical Migratory Birds. Comstock Pub. 676 pp.

Dilger, W.C. 1956. Adaptive modifications and ecological isolating mechanisms in the thrush genera *Catharus* and *Hylocichla*. Wilson Bull. 68:171-199.

Friesen, L., M.D. Cadman and R.J. MacKay. 1999. Nesting success of neotropical migrant songbirds in a highly fragmented landscape. Conserv. Biol. 13(2):338-346.

Hoover, J.P. and M.C. Brittingham. 1998. Nest-site selection and nesting success of wood thrushes. Wilson Bull. 110(3):375-383.

Hoover, J.P., M.C. Brittingham and L.J. Goodrich. 1995. Effects of forest patch size on nesting success of wood thrushes. The Auk 112(1): 146-155.

Kendeigh, S. C. 1948. Bird populations and biotic communities in northern lower Michigan. Ecology 29:101-114.

Morse, D.H. 1971. Effects of the arrival of a new species upon habitat utilization by two forest thrushes in Maine. Wilson Bull. 83:57-65.

Robbins, C.R. 1979. Effect of forest fragmentation on bird populations. Pp. 198-212 *in* Management of Northcentral and Northeastern Forests for Non-game Birds (R.M DeGraaf and K.E. Evans, eds.). USDA Forest Serv. Gen. Tech. Rep. NC-51.

Robbins, C.R., D.K. Dawson and B.A. Dowell. 1989. Habitat area requirements of breeding forest birds of the middle Atlantic states. Wildl. Monogr. 103:1-34.

Roth, R.R., M.S. Johnson and T.J. Underwood. 1996. Wood Thrush. *In* The Birds of North America, No. 246 (A. Poole and F. Gill, eds.). The Academy of Natural Sciences, Philadelphia, and The American Ornithologists' Union, Washington, D.C.

Weinberg, H.J. and R.R. Roth. 1998. Forest area and habitat quality for nesting wood thrushes. The Auk 115(4):879-889.



U.S. Fish & Wildlife Service ECOS

ECOS /

Eastern Black rail (*Laterallus jamaicensis*

ssp. jamaicensis)

Range Information |Candidate Info |Federal Register |Recovery |Critical Habitat |SSA |Conservation Plans |Petitions |Biological Opinions |Life History

Taxonomy: View taxonomy in ITIS

Listing Status: Threatened

Where Listed: WHEREVER FOUND

General Information

Current Listing Status Summary

Show
10
V
entries

Status

Date Listed
Lead Region

Showing 1 to 1 of 1 entries

< Previous 1 Next >

» Range Information

Current Range

🗹 🛓 🗕 Wherever found

Zoom in! Some species' locations may be small and hard to see from a wide perspective. To narrow-in on locations, check the





state and county lists (below) and then use the zoom tool.

Want the FWS's current range for all species? Click <u>here</u> to download a zip file containing all individual shapefiles and metadata for all species. * For consultation needs do not use only this current range map, please use <u>IPaC.</u>



• Wherever found

Listing status: Threatened

- States/US Territories in which this population is known to or is believed to occur: Alabama, Arkansas, Colorado, Connecticut, Delaware, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Hampshire, New Jersey, New Mexico, New York, North Carolina, Ohio, Oklahoma, Pennsylvania, Puerto Rico, Rhode Island, South Carolina, Tennessee, Texas, Vermont, Virginia, Virgin Islands, West Virginia, Wisconsin
- US Counties in which this population is known to or is believed to occur: View All
- USFWS Refuges in which this population is known to occur:

» Candidate Information

No Candidate information available for this species.

No Candidate Assessments available for this species.

No Candidate Notice of Review Documents currently available for this species.

No Uplisting Documents currently available for this species.

» Federal Register Documents

Federal Register Documents

Show 10 🗸 entries

• Date	Citation ÷ Page	Title
10/08/2020	85 FR 63764 63803	Threatened Species Status for Eastern Black Rail With a s

10/09/2018	83 FR 50610	<u>12-Month Petitior</u> <u>4(d) Rule; Propose</u>	<u>n Finding and T</u> ed rule.	<u>hreatened Sp</u>	ecies	<u>Statı</u>	
Showing 1 to 3		< Previous 1 Ne		Next	>		
» Species S	Status Asse	essments (SSAs)				
Species Statu	is Assessmen	ts (SSAs)					
Show 10 🔨	 entries 						
Document T	ītle					•	Reg
Species Statu	us Assessment	Report for the East	tern Black Rail	(Laterallus			
Showing 1 to 7		< Previous	1 Next >				
Special Rule I	Publications						
Show 10 💊	 entries 						
Date	- Citation	n Page 🔶	Title				
Showing 1 to ²		< Previous	1	Next	: >		
 Recovery Species with 	/	ocuments Data Exp	lorer				

Current Recovery Plan(s)

Show 10 🗸 entries

•	Plan ÷	Recovery Plan	Implementation	SS <i>A</i>
Date	Stage		\$tatus	Rej
Showing	1 to	1 of 1	entries	
---------	------	--------	---------	
---------	------	--------	---------	

No Other Recovery Documents currently available for this species.

No Five Year Reviews currently available for this species.

No Delisting Documents currently available for this species.

» Critical Habitat

No Critical Habitat Documents currently available for this species.

» Conservation Plans

No Conservation Plans currently available for this species.

» Petitions

Show 10 🗸 entries

• Petition Title	Date Received by the FWS	Where the species is believed to or known to occur	Petitioner Name	Requested Action
404 Southeast aquatic species; list w/CH	04/20/2010	AL, AR, CO, CT, DC, DE, FL, GA, IA, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, NC, NE, NH, NJ, NM, NY, OH, OK, PA, Puerto Rico, RI, SC, TN, TX, VA, Virgin Islands, VT, WI, WV, Canada, Mexico, United States	 Center for Biological Diversity Alabama Rivers Alliance Gulf Restoration Network Dogwood Alliance West Virginia Highlands Conservancy 	 Listin; Threa or Endar APA: Desig Critic; Habit

	 Clinch Coalition Tennessee Forests Council 		
Showing 1 to 1 of 1 entries	< Previou	s 1	Next >

» Biological Opinions

Show 10 🗸 entries

BO -	Lead ÷	¢	Activity 🗘	Project Type
date	Office	Title	Code	
03/09/2021	South Florida Ecological Services Field Office	Everglades National Park Fire Management Plan	04EF2000- 2013-F- 0294-R001	Fire - Prescribed Burn

Showing 1 to 3 of 3 entries

< Previous	1	Next >
------------	---	--------

» Life History

No Life History information has been entered into this system for this species.

» Other Resources

NatureServe Explorer Species Reports-- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

<u>ITIS Reports</u>-- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

<u>FWS Digital Media Library</u> -- The U.S. Fish and Wildlife Service's National Digital Library is a searchable collection of selected images, historical artifacts, audio clips, publications, and video." +



U.S. Fish & Wildlife Service **ECOS**

ECOS /

monarch butterfly

(Danaus plexippus)

Range Information |Candidate Info |Federal Register |Recovery |Critical Habitat |SSA |Conservation Plans |Petitions |Biological Opinions |Life History

Taxonomy: View taxonomy in ITIS

Listing Status: Candidate

General Information

Note - the monarch is a candidate species and not yet listed or proposed for listing. There are generally no section 7 requirements for candidate species (see our Section 7 Questions and Answers on the monarch here -

https://www.fws.gov/savethemonarch/FAQ-Section7.html), but we encourage all agencies to take advantage of any opportunity they may have to conserve the species.

For information on monarch conservation, visit https://www.fws.gov/savethemonarch/.

Adult monarch butterflies are large and conspicuous, with bright orange wings surrounded by a black border and covered with black veins. The black border has a double row of white spots, present on the upper side of the wings. Adult monarchs are sexually dimorphic, with males having narrower wing venation and scent patches. The bright coloring of a monarch serves as a warning to predators that eating them can be toxic.

During the breeding season, monarchs lay their eggs on their obligate milkweed host plant (primarily Asclepias spp.), and larvae emerge after two to five days. Larvae develop through five larval instars (intervals between molts) over a period of 9 to 18 days, feeding on milkweed and sequestering toxic chemicals (cardenolides) as a defense against predators. The larva then pupates into a chrysalis before emerging 6 to 14 days later as an adult butterfly. There are multiple generations of monarchs produced during the breeding season, with most adult butterflies living approximately two to five weeks; overwintering adults enter into reproductive diapause (suspended reproduction) and live six to nine months.



In many regions where monarchs are present, monarchs breed year-round. Individual monarchs in temperate climates, such as eastern and western North America, undergo long-distance migration, and live for an extended period of time. In the fall, in both eastern and western North America, monarchs begin migrating to their respective overwintering sites. This migration can take monarchs distances of over 3,000 km and last for over two months. In early spring (February-March), surviving monarchs break diapause and mate at the overwintering sites before dispersing. The same individuals that undertook the initial southward migration begin flying back through the breeding grounds and their offspring start the cycle of generational migration over again.

Current Listing Status Summary



» Range Information

Current Range

Wherever found Zoom in! Some species' locations may be small and hard to see from a wide perspective. To narrow-in on locations, check the state and county lists (below) and then use the zoom tool.

Want the FWS's current range for all species? Click <u>here</u> to download a zip file containing all individual shapefiles and metadata for all species. * For consultation needs do not use only this current range map, please use <u>IPaC.</u>



• Wherever found

Listing status: Candidate

- States/US Territories in which this population is known to or is believed to occur: Alabama, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming
- **US Counties** in which this population is known to or is believed to occur: <u>View All</u>
- **USFWS Refuges** in which this population is known to occur:

» Candidate Information

Current Candidate Status

Listing Priority: 8 Magnitude: Moderate to Low Immediacy: Imminent Taxonomy: Species No Candidate Assessments available for this species. No Candidate Notice of Review Documents currently available for this species. No Uplisting Documents currently available for this species.

» Federal Register Documents

Federal Register Documents

Show 10 🗸 entries

• Date	Citation + Page	Title
12/17/2020	85 FR 81813 81822	Endangered and Threatened Wildlife and Plants; 12 Monarch Butterfly
12/31/2014	79 FR 78775	90-Day Findings on Two Petitions

Showing 1 to 2 of 2 entries

< Previous 1 Next >

» Species Status Assessments (SSAs)

Species Status Assessments (SSAs)

Show 10 🗸 entries

Document Title	•	¢ Region	Spec
Monarch (Danaus plexippus) Species Status Assessment Repo	rt.	Region 3	,

Showing 1 to 1 of 1 entries

< Previous 1 Next >

Special Rule Publications

No Special Rule Publications currently available for this species.

» Recovery

• Species with Recovery Documents Data Explorer

No Current Recovery Plans available for this species.

No Other Recovery Documents currently available for this species.

No Five Year Reviews currently available for this species.

No Delisting Documents currently available for this species.

» Critical Habitat

No Critical Habitat Documents currently available for this species.

» Conservation Plans

Candidate Conservation Agreements with Assurances (CCAA): (learn more)

Show 10 🗸 entries

CCAA Plan Summaries

» Petitions

Show 10 🗸 entries

• Petition Title	Date Received by the FWS	Where the species is believed to or known to occur	Petitioner Name	Requested F Action F
Petition for Rulemaking for a Section 4(d) Rule for the Monarch Butterfly	11/18/2020	AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, HI, IA, ID, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NV, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WI, WV, WY	• The University of Illinois Chicago	 APA: Promulgatanew specia 4(d) rule
Butterfly, Monarch (Danaus plexippus plexippus); list T w/ CH	08/26/2014	AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, HI, IA, ID, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NV, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WI, WV, WY	 Center for Food Safety Xerces Society Madison Audubon Society (secondary petitioner) 	 APA: Designate Critical Habitat Listing: Threatened

Showing 1 to 2 of 2 entries

< Previous 1 Next >

» Biological Opinions

Show 10 🗸 entries

BO 💂	Lead ÷ Office	¢ Title	Activity ÷ Code	Project ≑ Type	Location
04/03/2020	Assistant	Nationwide	03E00000-	Land	Abbeville (S
	Regional	CCAA/CCA for	2020-F-	Management	Accomack (

Director- Ecological Services	Monarch Butterfly on Energy and Transportation Lands	0001	Plans - Other	Adair (MO), Adams (ID) Adams (MS (OH), Adam Addison (V (FL), Alama Alamosa (C (WY), Alben Alexandria Alexandria Allegany (N Alleghany (Allegheny ((IN), Allen ((OH), Alpin Amelia (VA) (MS), Andei Anderson (
-------------------------------------	--	------	---------------	---

Showing 1 to 1 of 1 entries	< Previous	1	Next >

To see all Issued Biological Opinions please visit the report

» Life History

No Life History information has been entered into this system for this species.

» Other Resources

<u>NatureServe Explorer Species Reports</u>-- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

<u>ITIS Reports</u>-- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

<u>FWS Digital Media Library</u> -- The U.S. Fish and Wildlife Service's National Digital Library is a searchable collection of selected images, historical artifacts, audio clips, publications, and video." +



ECOS /

Black spored quillwort

(Isoetes melanospora)

Range Information|Candidate Info|Federal Register|Recovery|Critical Habitat|SSA|Conservation Plans|Petitions|Biological Opinions|Life History

Taxonomy: View taxonomy in ITIS

Listing Status: Endangered

Where Listed: WHEREVER FOUND

General Information

The species historical range included Georgia, South Carolina. See below for information about where the species is known or believed to occur.

Current Listing Status Summary

Show 10 🗸 entries		
Status 🚽	Date Listed 🗘	Lead Region
Showing 1 to 1 of 1 entries		<pre>< Previous 1 Next ></pre>

» Range Information

Current Range

🗹 🛓 🧕 Wherever found

Zoom in! Some species' locations may be small and hard to see from a wide perspective. To narrow-in on locations, check the



Search for images on digitalmedia.fws.gov state and county lists (below) and then use the zoom tool.

Want the FWS's current range for all species? Click <u>here</u> to download a zip file containing all individual shapefiles and metadata for all species. * For consultation needs do not use only this current range map, please use <u>IPaC.</u>



• Wherever found

Listing status: Endangered

- **States/US Territories** in which this population is known to or is believed to occur: Georgia
- US Counties in which this population is known to or is believed to occur: View All
- USFWS Refuges in which this population is known to occur:

» Candidate Information

No Candidate information available for this species.

No Candidate Assessments available for this species.

Candidate Notice of Review Documents

Show 10 V entries				
Date 🚽	Citation Page 🔶	Title		
09/27/1985	50 FR 39526 39584	Review of Plant Taxa for Listing as End. or Th		
11/28/1983	48 FR 53640 53670	Supplement to Review of Plant Taxa for Listi		
12/15/1980	45 FR 82480 82569	Review of Plant Taxa for Listing as Endanger		

Showing 1 to 4 of 4 entries

< Previous 1 Next >

No Uplisting Documents currently available for this species.

» Federal Register Documents

Federal Register Documents

Show 10 🗸 entries

• Date	Citation 🗘 Page	Title
06/27/2019	84 FR 30764 30768	Endangered and Threatened Wildlife and Plants; 29 Draf in the Pacific, Southwest, and Southeast Regions of the U
08/30/2016	81 FR 59650 59652	<u>5-Year Status Reviews of 22 Southeastern Species; Notice information.</u>
07/26/2005	70 FR 43171 43173	5-Year Review of 13 Southeastern Species
02/05/1988	53 FR 3560 3565	End. or Thr. Status for 3 Granite Outcrop Plants; 53 FR 35
02/19/1987	52 FR 5150 5155	Proposed End. or Thr. Status for 3 Granite OUtcrop Plant
09/27/1985	50 FR 39526 39584	<u>Review of Plant Taxa for Listing as End. or Thr. Species; N</u>

Showing 1 to 9 of 9 entries

< Previous 1 Next >

» Species Status Assessments (SSAs)

Species Status Assessments (SSAs)

No Species Status Assessments (SSA's) are currently available for this species.

Special Rule Publications

No Special Rule Publications currently available for this species.

» Recovery

• Species with Recovery Documents Data Explorer

Current Recovery Plan(s)

Show 10 🗸 entries

• Date	Plan 🗘 Stage	Recovery Plan	Implementation Status
09/27/2019	Final	<u>Granite_outcrop_plants_Recovery</u> <u>Plan Amendment</u>	<u>View Implementa</u> <u>Progress</u>
07/07/1993	Final	Granite Outcrop Plants (3 spp.)	View Implementa

Showing 1 to 2 of 2 entries

< Previous	1	Next >
------------	---	--------

Other Recovery Documents

Show	10	\checkmark	entries
		•	errerres

Date 💂	Citation Page 🔶	Title
06/27/2019	84 FR 30764 30768	Endangered and Threatened Wildlife and Plants; Revisions for 43 Species in the Pacific, Southwest, United States
08/30/2016	81 FR 59650 59652	<u>5-Year Status Reviews of 22 Southeastern Species</u> request for information.
07/26/2005	70 FR 43171 43173	5-Year Review of 13 Southeastern Species

Showing 1 to 3 of 3 entries

< Previous 1 Next >

Five Year Reviews

Show 10 🗸 entries

	Date -	Title	
--	--------	-------	--

Showing 1 to 2 of 2 entries

< Previous 1 Next >

No Delisting Documents currently available for this species.

» Critical Habitat

No Critical Habitat Documents currently available for this species.

» Conservation Plans

No Conservation Plans currently available for this species.

» Petitions

No Petitions currently available for this species.

» Biological Opinions

No Issued Biological Opinions have been entered into this system for this species.

» Life History

No Life History information has been entered into this system for this species.

» Other Resources

<u>NatureServe Explorer Species Reports</u>-- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

<u>ITIS Reports</u>-- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

<u>FWS Digital Media Library</u> -- The U.S. Fish and Wildlife Service's National Digital Library is a searchable collection of selected images, historical artifacts, audio clips, publications, and video." +



U.S. Fish & Wildlife Service ECOS

ECOS /

Little amphianthus

(Amphianthus pusillus)

Range Information |Candidate Info |Federal Register |Recovery |Critical Habitat |SSA |Conservation Plans |Petitions |Biological Opinions |Life History

Taxonomy: View taxonomy in ITIS



Listing Status: Threatened

Where Listed: WHEREVER FOUND

General Information

The species historical range included Alabama, Georgia, South Carolina. See below for information about where the species is known or believed to occur.

Current Listing Status Summary

Show	10	\checkmark	entries		
Statu	IS		•	Date Listed	\$ Lead Region

Showing 1 to 1 of 1 entries

» Range Information

Current Range

🗹 🛓 🧕 Wherever found

Zoom in! Some species' locations may be small and hard to see from a wide perspective. To narrow-in on locations, check the



state and county lists (below) and then use the zoom tool.

Want the FWS's current range for all species? Click <u>here</u> to download a zip file containing all individual shapefiles and metadata for all species. * For consultation needs do not use only this current range map, please use <u>IPaC.</u>



• Wherever found

Listing status: Threatened

- **States/US Territories** in which this population is known to or is believed to occur: Alabama, Georgia, South Carolina
- US Counties in which this population is known to or is believed to occur: View All
- USFWS Refuges in which this population is known to occur:

» Candidate Information

No Candidate information available for this species.

No Candidate Assessments available for this species.

No Candidate Notice of Review Documents currently available for this species. No Uplisting Documents currently available for this species.

» Federal Register Documents

Federal Register Documents

Show 10 🗸 entries

• Date	Citation 🗘 Page	Title
06/27/2019	84 FR 30764 30768	<u>Endangered and Threatened Wildlife and Plants; 29 Draf</u> <u>the Pacific, Southwest, and Southeast Regions of the Uni</u>
08/30/2016	81 FR 59650 59652	5-Year Status Reviews of 22 Southeastern Species; Notice information.

07/26/2005	70 FR 43171 43173	5-Year Review of 13 Southeastern Species
02/05/1988	53 FR 3560 3565	End. or Thr. Status for 3 Granite Outcrop Plants; 53 FR 35

Showing 1 to 5 of 5 entries

» Species Status Assessments (SSAs)

Species Status Assessments (SSAs)

No Species Status Assessments (SSA's) are currently available for this species.

Special Rule Publications

No Special Rule Publications currently available for this species.

» Recovery

• Species with Recovery Documents Data Explorer

Current Recovery Plan(s)

Show 10 🗸 entries

• Date	Plan ÷ Stage	Recovery Plan	Implementation \$tatus
09/27/2019	Final	<u>Granite_outcrop_plants_Recovery</u> <u>Plan Amendment</u>	<u>View Implementai</u> <u>Progress</u>
07/07/1993	Final	Granite Outcrop Plants (3 spp.)	View Implementa

Showing 1 to 2 of 2 entries

< Previous 1 Next >

Other Recovery Documents

Show 10 🗸 entries

Date 🚽	Citation Page 🔶	Title
06/27/2019	84 FR 30764 30768	Endangered and Threatened Wildlife and Plants; Revisions for 43 Species in the Pacific, Southwest, United States
08/30/2016	81 FR 59650 59652	<u>5-Year Status Reviews of 22 Southeastern Species</u> <u>request for information.</u>
07/26/2005	70 FR 43171 43173	5-Year Review of 13 Southeastern Species

Showing 1 to 3 of 3 entries

< Previous 1 Next >

Five Year Reviews

Show	10	\checkmark	entries

Date 🚽	Title
09/11/2019	Granite outcrop plants 5-year review (includes little amphia

Showing 1 to 2 of 2 entries	< Previous	1	Next >
-----------------------------	------------	---	--------

No Delisting Documents currently available for this species.

» Critical Habitat

No Critical Habitat Documents currently available for this species.

» Conservation Plans

No Conservation Plans currently available for this species.

» Petitions

No Petitions currently available for this species.

» Biological Opinions

No Issued Biological Opinions have been entered into this system for this species.

» Life History

No Life History information has been entered into this system for this species.

» Other Resources

NatureServe Explorer Species Reports-- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

<u>ITIS Reports</u>-- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

<u>FWS Digital Media Library</u> -- The U.S. Fish and Wildlife Service's National Digital Library is a searchable collection of selected images, historical artifacts, audio clips, publications, and video." +



U.S. Fish & Wildlife Service ECOS

ECOS /

Show

Piedmont Blue burrower

(Cambarus harti)

Range Information |Candidate Info |Federal Register |Recovery |Critical Habitat |SSA |Conservation Plans |Petitions |Biological Opinions |Life History

Taxonomy: View taxonomy in ITIS

Listing Status: Not Listed

General Information

Current Listing Status Summary

10 \checkmark entries

Search for images on digitalmedia.fws.gov

Status 🚽	Date Listed 🗢	Lead Region

Showing 1 to 1 of 1 entries

» Range Information

Current Range

🗹 🛓 🗕 Wherever found

Zoom in! Some species' locations may be small and hard to see from a wide perspective. To narrow-in on locations, check the state and county lists (below) and then use the zoom tool.

Want the FWS's current range for all species? Click <u>here</u> to



< Previous

1

Next >

download a zip file containing all individual shapefiles and metadata for all species. * For consultation needs do not use only this current range map, please use <u>IPaC.</u>



• Wherever found

Listing status: Not Listed

- **States/US Territories** in which this population is known to or is believed to occur: Georgia
- US Counties in which this population is known to or is believed to occur: View All
- **USFWS Refuges** in which this population is known to occur:

» Candidate Information

No Candidate information available for this species.

No Candidate Assessments available for this species.

No Candidate Notice of Review Documents currently available for this species. No Uplisting Documents currently available for this species.

» Federal Register Documents

Federal Register Documents

Show
10
entries

Citation
Title

09/27/2011
76 FR 59836

Partial 90-Dav Finding on a Petition To List 404 Species i

Showing 1 to 1 of 1 entries

» Species Status Assessments (SSAs)

Species Status Assessments (SSAs)

No Species Status Assessments (SSA's) are currently available for this species.

Special Rule Publications

No Special Rule Publications currently available for this species.

» Recovery

• Species with Recovery Documents Data Explorer

No Current Recovery Plans available for this species.

No Other Recovery Documents currently available for this species.

No Five Year Reviews currently available for this species.

No Delisting Documents currently available for this species.

» Critical Habitat

No Critical Habitat Documents currently available for this species.

» Conservation Plans

No Conservation Plans currently available for this species.

» Petitions

Show 10 🗸 entries

Date ۲ ۲ ۲ Received Where the species is Petition believed to or Petitioner by the Requested Title FWS Action known to occur Name 404 04/20/2010 AL, AR, CO, CT, DC, DE, Center for Listing Southeast FL, GA, IA, IL, IN, KS, KY, Biological Threat aquatic LA, MA, MD, ME, MI, Diversity or species; list MN, MO, MS, NC, NE, Alabama Endan w/CH NH, NJ, NM, NY, OH, OK, **Rivers** APA: PA, Puerto Rico, RI, SC, Alliance Desigr TN, TX, VA, Virgin • Gulf Critica Islands, VT, WI, WV, Restoration Habita Canada, Mexico, United Network States Dogwood Alliance

West
Virginia
Highlands
Conservancy
Clinch
Coalition
Tennessee
Forests
Council

Showing 1 to 1 of 1 entries

< Previous 1 Next >

» Biological Opinions

No Issued Biological Opinions have been entered into this system for this species.

» Life History

No Life History information has been entered into this system for this species.

» Other Resources

NatureServe Explorer Species Reports-- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

<u>ITIS Reports</u>-- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

<u>FWS Digital Media Library</u> -- The U.S. Fish and Wildlife Service's National Digital Library is a searchable collection of selected images, historical artifacts, audio clips, publications, and video." +

BALD EAGLE BIODIVERSITY MAP



NAS - Nonindigenous Aquatic Species



Lythrurus atrapiculus (Blacktip Shiner) Fishes Native Transplant



Zachary Randall, Florida Museum (UF 237735) © Lythrurus atrapiculus (Snelson, 1972)

Common name: Blacktip Shiner

Taxonomy: available through www.itis.gov

Identification: Snelson (1972); Page and Burr (1991); Mettee et al. (1996); a commonly used name is *Notropis atrapiculus*.

Size: 6.5 cm.

Native Range: Apalachicola, Choctawhatchee, Yellow, and Escambia drainages in western Georgia, southeastern Alabama, and Florida panhandle (Page and Burr 1991).



Nonindigenous Occurrences:

Table 1. States with nonindigenous occurrences, the earliest and latest observations in each state, and the tally and names of HUCs with observations[†]. Names and dates are hyperlinked to their relevant specimen records. The list of references for all nonindigenous occurrences of *Lythrurus atrapiculus* are found here.

<u>State</u>	<u>First Observed</u>	Last Observed	Total HUCs with observations ⁺	HUCs with observations†
<u>AL</u>	<u>1980</u>	<u>1980</u>	1	Lower Tallapoosa
<u>GA</u>	<u>1988</u>	<u>1993</u>	1	Upper Ocmulgee

Table last updated 5/18/2021

† Populations may not be currently present.

Means of Introduction: The introduction of the Blacktip Shiner into the Mobile basin of Alabama is the result of artificial diversion of the Conecuh River (Lee et al. 1980 et seq.). All information on the appearance of this species in the Ocmulgee system of Georgia came from Bart et al. (1994). According to those investigators, the species may have been introduced to the upper Ocmulgee system either by stream capture from the Flint River, or by bait bucket release. In any case, because

the species is restricted to the river reach above High Falls dam, it was likely introduced after 1904, the year of dam construction. The first record of this species in the Ocmulgee River system (and in the Atlantic Slope) is based on the collection of sixteen specimens taken during the period 1988-1990 from the headwaters of the Towaliga River system, a small western tributary of the Ocmulgee River (Bart et al. 1994).

Status: Established in Georgia. A single collection was recorded in Alabama.

Impact of Introduction: The impacts of this species are currently unknown, as no studies have been done to determine how it has affected ecosystems in the invaded range. The absence of data does not equate to lack of effects. It does, however, mean that research is required to evaluate effects before conclusions can be made.

Remarks: In their summary table on Alabama fishes, Mettee et al. (1996) listed this species as native to the Tallapoosa River system.

Other Resources: Author: Nico, L.

Revision Date: 5/24/2019

Peer Review Date: 9/27/1999

Citation Information:

Nico, L., 2021, *Lythrurus atrapiculus* (Snelson, 1972): U.S. Geological Survey, Nonindigenous Aquatic Species Database, Gainesville, FL, https://nas.er.usgs.gov/queries/FactSheet.aspx?speciesID=566, Revision Date: 5/24/2019, Peer Review Date: 9/27/1999, Access Date: 5/18/2021

This information is preliminary or provisional and is subject to revision. It is being provided to meet the need for timely best science. The information has not received final approval by the U.S. Geological Survey (USGS) and is provided on the condition that neither the USGS nor the U.S. Government shall be held liable for any damages resulting from the authorized or unauthorized use of the information.

DOI Privacy Policy Legal Accessibility Site Map Contact USGS

U.S. Department of the Interior | DOI Inspector General | White House | E-gov | No Fear Act | FOIA



U.S. Fish & Wildlife Service ECOS

ECOS /

Show

10

Bluestripe shiner

(Cyprinella callitaenia)

Range Information |Candidate Info |Federal Register |Recovery |Critical Habitat |SSA |Conservation Plans |Petitions |Biological Opinions |Life History

Taxonomy: View taxonomy in ITIS

Listing Status: Not Listed

General Information

Current Listing Status Summary

entries

Search for images on digitalmedia.fws.gov

Status 🗸	Date Listed 🗢	Lead Region

Showing 1 to 1 of 1 entries

< Previous 1 Next >

» Range Information

Current Range

🗹 🛓 🧕 Wherever found

Zoom in! Some species' locations may be small and hard to see from a wide perspective. To narrow-in on locations, check the state and county lists (below) and then use the zoom tool.

Want the FWS's current range for all species? Click <u>here</u> to



download a zip file containing all individual shapefiles and metadata for all species. * For consultation needs do not use only this current range map, please use IPaC.



Wherever found

Listing status: Not Listed

- **States/US Territories** in which this population is known to or is believed to occur: Florida
- US Counties in which this population is known to or is believed to occur: View All
- **USFWS Refuges** in which this population is known to occur:

» Candidate Information

No Candidate information available for this species.

No Candidate Assessments available for this species.

Candidate Notice of Review Documents

Show 10 entries Title **Citation Page** Date ۲ 11/15/1994 59 FR 58982 59028 ETWP; Animal Candidate Review for Listing as E 11/21/1991 56 FR 58804 58836 ETWP; Animal Candidate Review for Listing as E 01/06/1989 54 FR 554 579 ETWP; Animal Notice of Review; 54 FR 554 579 09/18/1985 50 FR 37958 37967 Review of Vertebrate Wildlife; Notice of Review

Showing 1 to 5 of 5 entries

< Previous 1 Next >

No Uplisting Documents currently available for this species.

» Federal Register Documents

Federal Register Documents

Show 10

entries

• Date	Citation ÷ Page	Title
09/27/2011	76 FR 59836 59862	Partial 90-Day Finding on a Petition To List 404 Species i Endangered or Threatened With Critical Habitat
11/15/1994	59 FR 58982 59028	ETWP; Animal Candidate Review for Listing as Endanger
11/21/1991	56 FR 58804 58836	ETWP; Animal Candidate Review for Listing as Endanger 58836
01/06/1989	54 FR 554 579	ETWP; Animal Notice of Review; 54 FR 554 579
09/18/1985	50 FR 37958 37967	Review of Vertebrate Wildlife; Notice of Review; 50 FR 37
12/30/1982	47 FR 58454	Review of Vertebrate Wildlife for Listing as End. or Thr. S

Showing 1 to 6 of 6 entries

< Previous 1 Next >

» Species Status Assessments (SSAs)

Species Status Assessments (SSAs)

No Species Status Assessments (SSA's) are currently available for this species.

Special Rule Publications

No Special Rule Publications currently available for this species.

» Recovery

• Species with Recovery Documents Data Explorer

No Current Recovery Plans available for this species.

No Other Recovery Documents currently available for this species.

No Five Year Reviews currently available for this species.

No Delisting Documents currently available for this species.

» Critical Habitat

No Critical Habitat Documents currently available for this species.

» Conservation Plans

No Conservation Plans currently available for this species.

» Petitions

Show 10 🗸 entries

• Petition Title	Date Received by the FWS	Where the species is believed to or known to occur	¢ Petitioner Name	Requested Action
404 Southeast aquatic species; list w/CH	04/20/2010	AL, AR, CO, CT, DC, DE, FL, GA, IA, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, NC, NE, NH, NJ, NM, NY, OH, OK, PA, Puerto Rico, RI, SC, TN, TX, VA, Virgin Islands, VT, WI, WV, Canada, Mexico, United States	 Center for Biological Diversity Alabama Rivers Alliance Gulf Restoration Network Dogwood Alliance West Virginia Highlands Conservancy Clinch Coalition Tennessee Forests Council 	 Listing Threat or Endan APA: Desigr Critica Habita

» Biological Opinions

No Issued Biological Opinions have been entered into this system for this species.

» Life History

No Life History information has been entered into this system for this species.

» Other Resources

NatureServe Explorer Species Reports-- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

<u>ITIS Reports</u>-- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

<u>FWS Digital Media Library</u> -- The U.S. Fish and Wildlife Service's National Digital Library is a searchable collection of selected images, historical artifacts, audio clips, publications, and video." +



U.S. Fish & Wildlife Service ECOS

ECOS /

Highscale shiner (*Notropis*

hypsilepis)

Range Information |Candidate Info |Federal Register |Recovery |Critical Habitat |SSA |Conservation Plans |Petitions |Biological Opinions |Life History

Taxonomy: View taxonomy in ITIS

Listing Status: Not Listed

General Information

10 🗸

Show

Current Listing Status Summary

entries

Search for images on digitalmedia.fws.gov

Status - Date Listed - Lead Region

Showing 1 to 1 of 1 entries



» Range Information

Current Range

🗹 🛓 🧕 Wherever found

Zoom in! Some species' locations may be small and hard to see from a wide perspective. To narrow-in on locations, check the state and county lists (below) and then use the zoom tool.

Want the FWS's current range for all species? Click <u>here</u> to



download a zip file containing all individual shapefiles and metadata for all species. * For consultation needs do not use only this current range map, please use <u>IPaC.</u>



• Wherever found

Listing status: Not Listed

- **States/US Territories** in which this population is known to or is believed to occur: Alabama, Georgia
- US Counties in which this population is known to or is believed to occur: View All
- **USFWS Refuges** in which this population is known to occur:

» Candidate Information

No Candidate information available for this species.

No Candidate Assessments available for this species.

Candidate Notice of Review Documents



Showing 1 to 1 of 1 entries	< Previous	1	Next >	
-----------------------------	------------	---	--------	--

No Uplisting Documents currently available for this species.

» Federal Register Documents

Federal Register Documents

Show 10 V entries			
	• Date	¢ Citation Page	Title
	11/15/1994	59 FR 58982	ETWP: Animal Candidate Review for Listing as Enc

» Species Status Assessments (SSAs)

Species Status Assessments (SSAs)

No Species Status Assessments (SSA's) are currently available for this species.

Special Rule Publications

No Special Rule Publications currently available for this species.

» Recovery

• Species with Recovery Documents Data Explorer

No Current Recovery Plans available for this species.

No Other Recovery Documents currently available for this species.

No Five Year Reviews currently available for this species.

No Delisting Documents currently available for this species.

» Critical Habitat

No Critical Habitat Documents currently available for this species.

» Conservation Plans

No Conservation Plans currently available for this species.

» Petitions

No Petitions currently available for this species.

» Biological Opinions

No Issued Biological Opinions have been entered into this system for this species.

» Life History

No Life History information has been entered into this system for this species.

» Other Resources

NatureServe Explorer Species Reports-- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

<u>ITIS Reports</u>-- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

<u>FWS Digital Media Library</u> -- The U.S. Fish and Wildlife Service's National Digital Library is a searchable collection of selected images, historical artifacts, audio clips, publications, and video." +


WILDLIFE RESOURCES DIVISION

MARK WILLIAMS COMMISSIONER TED WILL DIRECTOR

February 12, 2021

Lynne Miller Planning & Developmental Director City of Hogansville City Hall Building 400 East Main Street Hogansville, GA 30230

Subject: Known occurrences of natural communities, plants, and animals of highest priority conservation status on or near the proposed project, Lake Jimmy Jackson Park Improvements, in Troup County, GA

Dear Lynne Miller:

This is in response to your request on February 12, 2021. The following Georgia natural heritage database element occurrences (EOs) were selected for the current site using the local Hydrologic Unit Code (HUC) 10 watershed for elements whose range distribution is limited by aquatic systems and within 3 miles for all other EOs:

Lake Jimmy Jackson Park Improvements Point 1 (Site Center: -84.888609, 33.183056, WGS84)

- GA *Cambarus harti* (Piedmont Blue Burrower) 10.9 miles SE of site in unnamed tributary to Beech Creek
- GA *Cyprinella callitaenia* (Bluestripe Shiner) [HISTORIC] 7 miles SW of site in Yellowjacket Creek

Lythrurus atrapiculus (Blacktip Shiner) on site in Blue Creek *Lythrurus atrapiculus* (Blacktip Shiner) 5.5 miles SW of site in Yellowjacket Creek *Lythrurus atrapiculus* (Blacktip Shiner) 3.2 miles S of site in Flat Creek

- GA Notropis hypsilepis (Highscale Shiner) 3.1 miles S of site in Flat Creek
- GA Notropis hypsilepis (Highscale Shiner) 2.2 miles W of site in Yellow Jacket Creek
- GA Notropis hypsilepis (Highscale Shiner) 9.7 miles SW of site in Shoal Creek
- GA Notropis hypsilepis (Highscale Shiner) 5.8 miles S of site in Beech Creek Hendrix Stadium 1.3 miles SW of site Hogansville Gym 1.4 miles SW of site Hogansville Stream Mitigation Bank 1.5 miles NW of site
 0313000207 Yellowjacket Creek [SWAP High Priority Watershed] on site

Recommendations:

Please be aware that state protected species have been documented near the proposed project. For information about these species, including survey recommendations, please visit our webpage at http://georgiawildlife.com/conservation/species-of-concern#rare-locations.

The following biologists can provide additional recommendations and assistance regarding the following groups:

Plants: Lisa Kruse (<u>Lisa.Kruse@dnr.ga.gov</u>) Fish: Paula Marcinek (<u>Paula.Marcinek@dnr.ga.gov</u>) Crayfish: Brett Albanese (<u>Brett.Albanese@dnr.ga.gov</u>) Mussels: Matt Rowe (<u>Matt.Rowe@dnr.ga.gov</u>) Reptiles & Amphibians: Daniel Sollenberger (<u>Daniel.Sollenberger@dnr.ga.gov</u>) Mammals: Trina Morris (<u>Katrina.Morris@dnr.ga.gov</u>) Birds: Nathan Klaus (<u>Nathan.Klaus@dnr.ga.gov</u>) or Tim Keyes (<u>Tim.Keyes@dnr.ga.gov</u>)

Species listed above that have no "GA" or "US" status are considered Georgia species of concern. Locations of these species are tracked until enough information is gathered to determine if they should be added to the state list or if their populations do not warrant tracking. It is important to consider these species when planning projects. Please let us know if you have any questions regarding Georgia species of concern.

If the applicant is willing to assume presence and implement provisions to protect state-listed aquatic species identified during this review, it may not be necessary to complete additional surveys for state listed aquatic species. Please refer to the Aquatic Survey Determination Protocol for State Listed Species in determining whether surveys are recommended. Although this document was prepared for use on Georgia Department of Transportation (GDOT) projects, it may be applicable to other projects, as well. For any additional questions about state-listed fishes, mussels, crayfishes, snails, or aquatic insects, please contact Brett Albanese (Brett.Albanese@dnr.ga.gov) for projects in the Tennessee Drainage; Paula Marcinek (Paula.Marcinek@dnr.ga.gov) for projects in the Atlantic Slope Drainages (Savannah, Ogeechee, Altamaha, Satilla, and St. Mary's); Ani Escobar (Anakela.Escobar@dnr.ga.gov) for projects in the Coosa and Tallapoosa Drainages; and Matt Rowe (Matthew.Rowe@dnr.ga.gov) for projects in the Gulf Slope Drainages (Apalachicola-Chattahoochee-Flint, Aucilla, Ochlocknee, and Suwanee).

We are glad to see park development, which will add to the recreation opportunities in the community. Development at the recreational park should occur at least 100 feet away from sensitive environmental resources, such as streams and wetlands. We also recommend that construction be geared toward areas that have been disturbed in the past. Please keep erosion to a minimum during construction and leave as much vegetation intact as possible. In wet areas, use boardwalks as feasible to prevent degradation and destruction of sensitive habitats. If paths are paved, we strongly recommend using a porous pavement that will allow water to soak through instead of running off the surface and into the watershed. Place paths carefully and provide for adequate parking and access areas. These measures will help protect water quality, protect

sensitive habitats and native species, and provide for a more enjoyable recreational experience for the users.

Disclaimer:

Please keep in mind the limitations of our database. The data collected by the Wildlife Conservation Section comes from a variety of sources, including museum and herbarium records, literature, and reports from individuals and organizations, as well as field surveys by our staff biologists. In most cases the information is not the result of a recent on-site survey by our staff. Many areas of Georgia have never been surveyed thoroughly. Therefore, the Wildlife Conservation Section can only occasionally provide definitive information on the presence or absence of rare species on a given site. Our files are updated constantly as new information is received. Thus, information provided by our program represents the existing data in our files at the time of the request and should not be considered a final statement on the species or area under consideration.

If you know of populations of highest priority species that are not in our database, please fill out the appropriate data collection form and send it to our office. Forms can be obtained through our website (<u>http://georgiawildlife.com/conservation/species-of-concern#rare-locations</u>) or by contacting our office. If we can be of further assistance, please let us know.

Sincerely,

InAt

Maggie Aduddell Hunt, Wildlife Biologist maggie.hunt@dnr.ga.gov, (706) 557-3228

Data Available on the Wildlife Conservation Section Website

- Georgia protected plant and animal species profiles are available on our website. These profiles cover basics such as species physical descriptions, preferred habitat, and life history, as well as threats, management recommendations, and conservation status. To view these profiles, visit: <u>http://georgiawildlife.com/conservation/species-of-concern#rare-locations</u>
- Rare species and natural community information can be viewed by Quarter Quad, County, and HUC 8 Watershed. To access this information, please visit our GA Rare Species and Natural Community Information page at: <u>http://georgiabiodiversity.org/</u>
- Downloadable files of rare species and natural community data by Quarter Quad and County are also available. These can be downloaded at: <u>http://georgiabiodiversity.org/natels/natural-element-locations.html</u>



WILDLIFE RESOURCES DIVISION

MARK WILLIAMS COMMISSIONER TED WILL DIRECTOR

February 12, 2021

Lynne Miller Planning & Developmental Director City of Hogansville City Hall Building 400 East Main Street Hogansville, GA 30230

Subject: Known occurrences of natural communities, plants, and animals of highest priority conservation status on or near the proposed project, Lake Jimmy Jackson Park Improvements, in Troup County, GA

Dear Lynne Miller:

This is in response to your request on February 12, 2021. The following Georgia natural heritage database element occurrences (EOs) were selected for the current site using the local Hydrologic Unit Code (HUC) 10 watershed for elements whose range distribution is limited by aquatic systems and within 3 miles for all other EOs:

Lake Jimmy Jackson Park Improvements Point 1 (Site Center: -84.888609, 33.183056, WGS84)

- GA *Cambarus harti* (Piedmont Blue Burrower) 10.9 miles SE of site in unnamed tributary to Beech Creek
- GA *Cyprinella callitaenia* (Bluestripe Shiner) [HISTORIC] 7 miles SW of site in Yellowjacket Creek

Lythrurus atrapiculus (Blacktip Shiner) on site in Blue Creek *Lythrurus atrapiculus* (Blacktip Shiner) 5.5 miles SW of site in Yellowjacket Creek *Lythrurus atrapiculus* (Blacktip Shiner) 3.2 miles S of site in Flat Creek

- GA Notropis hypsilepis (Highscale Shiner) 3.1 miles S of site in Flat Creek
- GA Notropis hypsilepis (Highscale Shiner) 2.2 miles W of site in Yellow Jacket Creek
- GA Notropis hypsilepis (Highscale Shiner) 9.7 miles SW of site in Shoal Creek
- GA Notropis hypsilepis (Highscale Shiner) 5.8 miles S of site in Beech Creek Hendrix Stadium 1.3 miles SW of site Hogansville Gym 1.4 miles SW of site Hogansville Stream Mitigation Bank 1.5 miles NW of site
 0313000207 Yellowjacket Creek [SWAP High Priority Watershed] on site

Recommendations:

Please be aware that state protected species have been documented near the proposed project. For information about these species, including survey recommendations, please visit our webpage at http://georgiawildlife.com/conservation/species-of-concern#rare-locations.

The following biologists can provide additional recommendations and assistance regarding the following groups:

Plants: Lisa Kruse (<u>Lisa.Kruse@dnr.ga.gov</u>) Fish: Paula Marcinek (<u>Paula.Marcinek@dnr.ga.gov</u>) Crayfish: Brett Albanese (<u>Brett.Albanese@dnr.ga.gov</u>) Mussels: Matt Rowe (<u>Matt.Rowe@dnr.ga.gov</u>) Reptiles & Amphibians: Daniel Sollenberger (<u>Daniel.Sollenberger@dnr.ga.gov</u>) Mammals: Trina Morris (<u>Katrina.Morris@dnr.ga.gov</u>) Birds: Nathan Klaus (<u>Nathan.Klaus@dnr.ga.gov</u>) or Tim Keyes (<u>Tim.Keyes@dnr.ga.gov</u>)

Species listed above that have no "GA" or "US" status are considered Georgia species of concern. Locations of these species are tracked until enough information is gathered to determine if they should be added to the state list or if their populations do not warrant tracking. It is important to consider these species when planning projects. Please let us know if you have any questions regarding Georgia species of concern.

If the applicant is willing to assume presence and implement provisions to protect state-listed aquatic species identified during this review, it may not be necessary to complete additional surveys for state listed aquatic species. Please refer to the Aquatic Survey Determination Protocol for State Listed Species in determining whether surveys are recommended. Although this document was prepared for use on Georgia Department of Transportation (GDOT) projects, it may be applicable to other projects, as well. For any additional questions about state-listed fishes, mussels, crayfishes, snails, or aquatic insects, please contact Brett Albanese (Brett.Albanese@dnr.ga.gov) for projects in the Tennessee Drainage; Paula Marcinek (Paula.Marcinek@dnr.ga.gov) for projects in the Atlantic Slope Drainages (Savannah, Ogeechee, Altamaha, Satilla, and St. Mary's); Ani Escobar (Anakela.Escobar@dnr.ga.gov) for projects in the Coosa and Tallapoosa Drainages; and Matt Rowe (Matthew.Rowe@dnr.ga.gov) for projects in the Gulf Slope Drainages (Apalachicola-Chattahoochee-Flint, Aucilla, Ochlocknee, and Suwanee).

We are glad to see park development, which will add to the recreation opportunities in the community. Development at the recreational park should occur at least 100 feet away from sensitive environmental resources, such as streams and wetlands. We also recommend that construction be geared toward areas that have been disturbed in the past. Please keep erosion to a minimum during construction and leave as much vegetation intact as possible. In wet areas, use boardwalks as feasible to prevent degradation and destruction of sensitive habitats. If paths are paved, we strongly recommend using a porous pavement that will allow water to soak through instead of running off the surface and into the watershed. Place paths carefully and provide for adequate parking and access areas. These measures will help protect water quality, protect

sensitive habitats and native species, and provide for a more enjoyable recreational experience for the users.

Disclaimer:

Please keep in mind the limitations of our database. The data collected by the Wildlife Conservation Section comes from a variety of sources, including museum and herbarium records, literature, and reports from individuals and organizations, as well as field surveys by our staff biologists. In most cases the information is not the result of a recent on-site survey by our staff. Many areas of Georgia have never been surveyed thoroughly. Therefore, the Wildlife Conservation Section can only occasionally provide definitive information on the presence or absence of rare species on a given site. Our files are updated constantly as new information is received. Thus, information provided by our program represents the existing data in our files at the time of the request and should not be considered a final statement on the species or area under consideration.

If you know of populations of highest priority species that are not in our database, please fill out the appropriate data collection form and send it to our office. Forms can be obtained through our website (<u>http://georgiawildlife.com/conservation/species-of-concern#rare-locations</u>) or by contacting our office. If we can be of further assistance, please let us know.

Sincerely,

InAt

Maggie Aduddell Hunt, Wildlife Biologist maggie.hunt@dnr.ga.gov, (706) 557-3228

Data Available on the Wildlife Conservation Section Website

- Georgia protected plant and animal species profiles are available on our website. These profiles cover basics such as species physical descriptions, preferred habitat, and life history, as well as threats, management recommendations, and conservation status. To view these profiles, visit: <u>http://georgiawildlife.com/conservation/species-of-concern#rare-locations</u>
- Rare species and natural community information can be viewed by Quarter Quad, County, and HUC 8 Watershed. To access this information, please visit our GA Rare Species and Natural Community Information page at: <u>http://georgiabiodiversity.org/</u>
- Downloadable files of rare species and natural community data by Quarter Quad and County are also available. These can be downloaded at: <u>http://georgiabiodiversity.org/natels/natural-element-locations.html</u>

Appendix E

Information for Planning and Consultation (IPaC) Resources List

Brian P. Kemp Governor

Christopher Nunn Commissioner

Georgia® Department of Community Aff

October 6, 2020

Lynne S. Miller Planning & Development Director City of Hogansville 400 East Main Street Hogansville, Georgia 30230

RE: LWCF: Improve Lake Jimmy Jackson Park, 1430 Blue Creek Rd, Hogansville Troup County, Georgia HP-200921-003

Dear Ms. Miller:

cc:

The Historic Preservation Division (HPD) has reviewed the additional information submitted concerning the above referenced project. Our comments are offered to assist the National Park Service (NPS) and its applicants in complying with the provisions of Section 106 of the National Historic Preservation Act of 1966, as amended (NHPA).

The subject project consists of improving the circa 1974 Lake Jimmy Jackson Park at 1430 Blue Creek Road in Hogansville, including adding a fishing pavilion, playground, volleyball court, and appurtenances, along with stabilizing the beach. Based on the information provided and additional desktop research, HPD finds that Lake Jimmy Jackson Park is not eligible for listing in the National Register of Historic Places (NRHP). Additionally, HPD finds that 1532 Blue Creek Road is eligible for listing in the NRHP and within the proposed project's area of potential effect (APE). As proposed in its concept phase of design, the park improvements cannot be evaluated for effects on historic properties within its APE without additional information. However, for early Section 106 consultation review purposes, it is our opinion that the project will have no adverse effect to historic property within its APE, as defined in 36 CFR Part 800.5(b), provided the following condition is met:

 Submit project plans to HPD for review, once available. Project plans should include a detailed description of the scope of work, existing and proposed site and vegetation plans, descriptions of proposed materials, and photographs of areas proposed for work.

Please note that satisfying the condition above does not preclude the project from constituting an adverse effect, as defined in 36 CFR Part 800.5(a)(2), once project plans are developed. Should an adverse effect be determined and absent NPS or Department of Natural Resources (DNR) involvement, HPD will work with the applicant to complete the required steps in order to move the project forward. HPD looks forward to receiving documentation that indicates compliance with Condition 1, as soon as it is available.

Please refer to project number HP-200921-003 in any future correspondence regarding this project. If we may be of further assistance, please do not hesitate to contact me at (770) 389-7851 or Jennifer.dixon@dca.ga.gov.

Sincerely.

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

Antoinette Norfleet, DNR Paul Jarrell, Three Rivers Regional Commission

> 60 Executive Park South NE | Atlanta, GA 30329-2231 | 404-679-4940 www.dca.ga.gov | An Equal Opportunity Employer



Georgia Historic Preservation Division Environmental Review Form

At a minimum, the Historic Preservation Division (HPD) requires the following information in order to review projects in accordance with applicable federal or state laws. Please note that the responsibility for preparing documentation, including items listed below, rests with the federal or state agency or its designated applicant. HPDs ability to complete a timely project items listed below, rests with the federal or state agency or its designated applicant. HPDs ability to complete a timely project items listed below, rests with the federal or state agency or its designated applicant. HPDs ability to complete a timely project items listed below, rests with the federal of the material submitted. If insufficient information is provided, HPD may review largely depends on the quality and detail of the material submitted. If insufficient information is provided, HPD may need to request additional materials, which will prolong the review process. For complex projects, some applicants may find it advantageous to hire a preservation professional with expertise in history, architectural history and/or archaeology, who would have access to the Georgia Archaeological Site Files and an understanding of HPDs publically available files.

PLEASE NOTE: THERE IS A 30-DAY REVIEW PERIOD FROM THE DATE HPD RECEIVES THE SUBMITTAL. SHOULD ADDITIONAL INFORMATION BE REQUESTED, PLEASE NOTE THE 30-DAY PERIOD RESTARTS.

I. General Information

А,	Project Name: Lake Jimmy Jackson Park Improvement	S
	Project Address: 1430 Blue Creek Road	ENDER CONTE-WAR
		Country Troug
	City: <u>Hogansville</u>	County. <u>Houp</u>
B.	Federal Agency Involved: Department of Interior, Natio	onal Park Service, Land and Water Conservation Fund
	State Agency (if applicable): Georgia Department of Na	tural Resources
C.	Agency's Involvement:	The subject motely contains of improving the circle
V	Funding	🗆 Unknown
	License/Permit	□ Other, please explain:
U	Direct/Is performing the action	interview of an average of a specific strain to state and a specific strain and the strain of the st
D.	Type of Review Requested:	and the man we are proposed in a out on the first of
	Section 110 of the National Historic Preservation Act (Fe Georgia Environmental Policy Act (State involvement) State Agency Historic Property Stewardship Program/Sta Technical Assistance (No Federal or State involvement) Unknown	ederally owned properties) ate Stewardship (State owned properties)
E. (Contact Information: 🗹 Applicant 🛛 🗆 Con	sultant
Nam	e/Title/Company: Lynne S. Miller/Planning & Develop	ment Director/City of Hogansville
am		Planetres in project minister HP-200921-013-m
Addr	ress: 400 East Main Street	restrict in tentingel formal accusting association without
City/	State/Zip: Hogansville/Georgia/30230	
hon	e: 706-637-8629 Email:	lynne.miller@cityofhogansville.org
non	. 100 057 0025	
gen	cy Contact Info (either State or Federal, according to r	eview type):
lame	e/Title/Agency: LaVern Turner/Grants Specialist/Georg	gia Department of Natural Resources
.ddro	ess: 2 Martin Luther King Jr. Drive, SE, Suite 1252	eas Armonistin Northert (DNR Paul Servell, Three Rivers Regional Comm
:	State/Zip: Atlanta/Georgia/30334	
ILY/C		

II. Project Information

- . Project Type:
- Road/Highway Construction or Improvements
- Demolition
- Rehabilitation
- Addition to Existing Building/Structure
- New Construction

 Relicensing

 Utilities/Infrastructure

 Unknown

Read/Highway construction or improvements, structurages, redection or bievele facilities

Other:

B. Project Description and Plans This should include a *detailed* scope of work, including *any* actions to be taken in relation to the project, such as all aspects of new construction, replacement/repair, demolition, ground disturbance, and all ancillary work (temporary roads, etc.), as applicable. Attach additional pages if necessary. If a detailed scope of work is not available yet, please explain and include all preliminary information:

Project will improve an existing lakeside public park. The project is at the early preapplication stage, with no detailed plans available yet. The scope of work will include a fishing pavilion, playground, beach stabilization, volleyball area, and similar improvements. No work will take place in the immediate vicinity of the earthen dam.

C. Land Disturbing Activity This should include a detailed description of all horizontal and vertical ground disturbance, such as haul roads, cut or fill areas, excavations, landscaping activities, ditching, utility burial, grading, water tower construction, etc., as applicable:

No significant ground disturbance will be needed.

D. Has this identical project or a related project been previously submitted to HPD for review? YES _____ NO _____ *If yes, please enclose a copy of HPDs previous response

E. Is this project also being reviewed under a tax incentive program administered through HPD? YES _____ NO V

III. Site Information

A. In the past this property has been used for:

1.	Farming	YES	NO each shared a restatistic to shearen about
2.	Pasture	YES	NO
3.	Mining	YES	NO
4.	Timbering	YES	NO
5.	Road construction	YES	NO V
6.	Housing	YES	NO
7.	Landfill	YES	NO
8.	Commercial	YES	NO
9.	Industrial	YES	NO NO
10.	Other (explain): Pub	lic park, drinkin	g water reservoir, flood control, beach resort.

B. Describe what currently exists on the property today (i.e. buildings, parking lot, house, barn, outbuildings, woods, grass, garden, etc.):

Lakeside park, with dock, boat launch, beach, restroom building, parking lot and access drive. The site is on the east end of the lake, surrounded by trees. An earthen dam is located at the west end of the tract.

IV. **Cultural Resources**

Background research for previously identified properties within the project area may be undertaken at HPD, including National Register of Historic Places files, county and city surveys, and identified sites files. Additionally, research at the Georgia Archaeological Site Files (GASF) in Athens may be undertaken by a qualified archaeologist or site file staff. To make a research appointment or find contact information for GASF, please visit our website. Please note that as part of the review process, HPD may request an archaeological survey.

A. To your knowledge, has a cultural resources assessment or a historic resources survey been conducted in the project area? YES NO DO NOT KNOW (see: http://www.georgiashpo.org/register/survey) *If yes, provide the title, author, and date of the report:

B. Area of Potential Effect (APE)

The APE is the geographic area or areas within which a project may cause changes (or effects). These changes can be direct (physical) or indirect (visual, noise, vibrations) effects. The APE varies with the project type and should factor in topography, vegetation, existing development, physical siting of the project, and existing/planned development. For example:

If your project includes	Then your APE would be
Rehabilitation, renovation, and/or demolition of a building or structure, or new construction	the building or property itself and the surrounding properties/setting with a view of the project
Road/Highway construction or improvements, streetscapes, pedestrian or bicycle facilities	the length of the project corridor and the surrounding properties/setting with a view of the project
Above ground utilities, such as siren/radio towers, water towers, pump stations, retention ponds, etc.	the area of ground disturbance and the surrounding properties/setting with a view of the project
Underground utilities	the area of ground disturbance

Based on this information, identify the APE for your project, similar to above, and describe what exists within it (ie. is it modern or historic residential or commercial development, undeveloped, etc. within the APE):

The City's 39.49-acre tract is the same as the Area of Potential Effect, namely; what can be seen from the project site. The APA includes the beach, parking lot and drive, the park's structures described in III(B) above, plus surrounding woods, earthen dam and portion of the lake that is visible from the beach.

C. Is the project located within or adjacent to a National Register of Historic Places (NRHP) listed or eligible historic property or district or a locally designated property or district?

YES NO V DO NOT KNOW

*If yes, please provide names:

D. Within the project APE as identified in IV.B, are there any other buildings or structures that are 50 years old or older? YES NO V DO NOT KNOW

*If yes, provide photographs of each building or structure and key the photos to a site map.

E. Are any of the buildings or structures identified in IV.D listed or eligible for listing in the NRHP? NO DO NOT KNOW YES

*If yes, please identify the properties (by name or photo #).

F. Effects Information

1. Does the project involve the rehabilitation, renovation, relocation, demolition or addition to any building NOV YES or structure that is 50 years old or older?

2. Will the project take away or change anything within the apparent or existing boundary of any of these historic properties? YES NO

- *If yes, please explain:
- 3. Will the project change the view from or of any of these properties? YES ____ NO ____ *If yes, please explain:

4. Will the project introduce any audible or atmospheric elements to the setting of any of these historic properties (such as light, noise, or vibration pollution)? YES NO *If yes, please explain:

5. Will the project result in a change of ownership for any historic properties? YES ____ NO ____ *If yes, please explain:

V. **Required Materials (Submittal Checklist)**

- **Complete Environmental Review Form**
 - o Include all contact information as HPD will respond via email to the submitter.
- Map indicating: П

- o Precise location of the project (USGS topographic map preferred: http://www.digital-topo-maps.com/1).
- In urban areas, please also include a city map that shows more detail. 0
- Boundaries of the APE as noted in section II above. 0
- Detailed project plans to supplement section I.F, including (if applicable and available):
 - Site plans (before and after). 0
 - o Project plans.
 - o Elevations.
- High-resolution color photographs (2 photos per page) illustrating:
 - o The project area and the entire APE as defined in section IV above.
 - o Any adjacent properties that are within the APE, with clear views of buildings or structures, if applicable.
 - o If the project entails the alteration of existing historic structures, please provide detail photographs of existing conditions of sites, buildings, and interior areas/materials to be impacted.
 - **Google Strectview images will not be accepted 0
- Photo key (map or project plans can be used) indicating: Π
 - o Location of all photographs by photo number.
 - Direction of view for all photographs. 0
- Any available information concerning known or suspected archaeological resources in the APE.

For questions regarding this form, please contact the Environmental Review Program Manager. We are unable to accept project submittals via facsimile or e-mail.

When completed, please send this form along with supporting material to:

Dr. David Crass, Division Director, Historic Preservation Division Attention: Environmental Review Jewett Center for Historic Preservation 2610 GA Hwy 155, SW Stockbridge, GA 30281

Please note, this is not a complete list of websites with topographic map information. This website is not controlled by HPD and HPD bears no responsibility for its content.





)





-th

Legend Parcels = Roads

Parcel ID **Class** Code Acres

0211000067 Exempt Taxing District 18-HOGANSVILLE HOGANSVILLE 39.49

(Note: Not to be used on legal documents)

Date created: 9/16/2020 Last Data Uploaded: 9/16/2020 12:17:30 AM

Developed by Schneider

Owner

Physical Address Assessed Value Land Value Accessory Value

HOGANSVILLE CITY OF 301 E MAIN ST HOGANSVILLE GA 30230 1430 BLUE CREEK RD Value \$369300 Value \$01-SFMD Improvement Value Value \$301 E MAIN ST Value \$HOGANSVILLE

Last 2 Sale	s		
Date	Price	Reason	Qual
9/1/1970		N	U
8/1/1970		NQ	U



Photographs taken September 15, 2020



1) Looking southeast toward beach



2) Looking south toward dock



3) Looking south



4) Looking south



5) Looking south



6) Looking southwest toward dam



7) Looking southwest toward dam



8) Looking southwest toward dam



9) Looking north toward restroom building



10) Looking northeast toward volleyball site

Lasting fouring an Investig



11) Looking southeast across beach



12) Looking northeast



Tribal Directory Assessment Information



Contact Information for Tribes with Interests in Troup County, Georgia

	Tribal Name	County Name
+	Alabama-Coushatta Tribe of Texas	Troup
+	Alabama-Quassarte Tribal Town	Troup
+	Coushatta Tribe of Louisiana	Troup
+	Muscogee (Creek) Nation	Troup
1 - 4 0	of 4 results	« < 1 → » 10 ∨

Appendix F Environmental Justice Screen Report



EJSCREEN Report (Version 2020)



Blockgroup: 132859601001, GEORGIA, EPA Region 4

Approximate Population: 1,519

Input Area (sq. miles): 23.42

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
EJ Indexes			
EJ Index for PM2.5	50	60	63
EJ Index for Ozone	50	59	62
EJ Index for NATA [*] Diesel PM	50	58	61
EJ Index for NATA [*] Air Toxics Cancer Risk	51	60	64
EJ Index for NATA [*] Respiratory Hazard Index	51	60	64
EJ Index for Traffic Proximity and Volume	51	59	60
EJ Index for Lead Paint Indicator	61	66	66
EJ Index for Superfund Proximity	49	56	59
EJ Index for RMP Proximity	48	56	59
EJ Index for Hazardous Waste Proximity	48	56	59
EJ Index for Wastewater Discharge Indicator	N/A	N/A	N/A



This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.



EJSCREEN Report (Version 2020)



Blockgroup: 132859601001, GEORGIA, EPA Region 4

Approximate Population: 1,519 Input Area (sq. miles): 23.42



Sites reporting to EPA			
Superfund NPL	0		
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0		



EJSCREEN Report (Version 2020)



Blockgroup: 132859601001, GEORGIA, EPA Region 4

Approximate Population: 1,519

Input Area (sq. miles): 23.42

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Environmental Indicators							
Particulate Matter (PM 2.5 in μg/m³)	9.47	9.4	43	8.57	87	8.55	80
Ozone (ppb)	38	40.1	23	38	46	42.9	19
NATA [*] Diesel PM (µg/m ³)	0.23	0.406	24	0.417	<50th	0.478	<50th
NATA [*] Cancer Risk (lifetime risk per million)	42	42	53	36	80-90th	32	80-90th
NATA [*] Respiratory Hazard Index	0.62	0.59	69	0.52	80-90th	0.44	80-90th
Traffic Proximity and Volume (daily traffic count/distance to road)	23	370	22	350	23	750	17
Lead Paint Indicator (% Pre-1960 Housing)	0.087	0.13	60	0.15	53	0.28	36
Superfund Proximity (site count/km distance)	0.01	0.037	22	0.083	6	0.13	4
RMP Proximity (facility count/km distance)	0.052	0.62	5	0.6	5	0.74	5
Hazardous Waste Proximity (facility count/km distance)	0.066	1.1	7	0.91	10	5	8
Wastewater Discharge Indicator	N/A	0.31	N/A	0.65	N/A	9.4	N/A
(toxicity-weighted concentration/m distance)							
Demographic Indicators							
Demographic Index	39%	41%	51	37%	60	36%	63
People of Color Population	39%	47%	45	39%	57	39%	57
Low Income Population	40%	36%	59	36%	58	33%	67
Linguistically Isolated Population	0%	3%	51	3%	51	4%	45
Population With Less Than High School Education	17%	13%	68	13%	69	13%	73
Population Under 5 years of age	6%	6%	52	6%	57	6%	55
Population over 64 years of age	11%	13%	41	17%	29	15%	34

* The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: https://www.epa.gov/national-air-toxics-assessment.

For additional information, see: <u>www.epa.gov/environmentaljustice</u>

EJSCREEN is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJSCREEN outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.



EJSCREEN ACS Summary Report



Location: User-specified polygonal location Ring (buffer): 0-mile radius Description:

Summary of ACS Estimates	2014 - 2018
Population	1,519
Population Density (per sq. mile)	65
People of Color Population	590
% People of Color Population	39%
Households	455
Housing Units	528
Housing Units Built Before 1950	19
Per Capita Income	20,717
Land Area (sq. miles) (Source: SF1)	23.28
% Land Area	99%
Water Area (sq. miles) (Source: SF1)	0.14
% Water Area	1%

	2014 - 2018 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	1,519	100%	380
Population Reporting One Race	1,498	99%	630
White	1,114	73%	350
Black	384	25%	228
American Indian	0	0%	13
Asian	0	0%	13
Pacific Islander	0	0%	13
Some Other Race	0	0%	13
Population Reporting Two or More Races	21	1%	28
Total Hispanic Population	191	13%	232
Total Non-Hispanic Population	1,328		
White Alone	929	61%	278
Black Alone	384	25%	228
American Indian Alone	0	0%	13
Non-Hispanic Asian Alone	0	0%	13
Pacific Islander Alone	0	0%	13
Other Race Alone	0	0%	13
Two or More Races Alone	15	1%	25
Population by Sex			
Male	550	36%	152
Female	969	64%	299
Population by Age			
Age 0-4	94	6%	73
Age 0-17	476	31%	144
Age 18+	1,043	69%	213
Age 65+	162	11%	77

 Data Note:
 Detail may not sum to totals due to rounding.
 Hispanic population can be of any race.

 N/A means not available.
 Source:
 U.S. Census Bureau, American Community Survey (ACS) 2014 - 2018



EJSCREEN ACS Summary Report



Location: User-specified polygonal location Ring (buffer): 0-mile radius Description:

	2014 - 2018 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	835	100%	230
Less than 9th Grade	86	10%	76
9th - 12th Grade, No Diploma	55	7%	46
High School Graduate	303	36%	113
Some College, No Degree	328	39%	125
Associate Degree	98	12%	83
Bachelor's Degree or more	63	8%	40
Population Age 5+ Years by Ability to Speak English			
Total	1,425	100%	348
Speak only English	1,306	92%	274
Non-English at Home ¹⁺²⁺³⁺⁴	119	8%	92
¹ Speak English "very well"	119	8%	92
² Speak English "well"	0	0%	13
³ Speak English "not well"	0	0%	13
⁴ Speak English "not at all"	0	0%	13
³⁺⁴ Speak English "less than well"	0	0%	13
²⁺³⁺⁴ Speak English "less than very well"	0	0%	13
Linguistically Isolated Households*			
Total	0	0%	13
Speak Spanish	0	0%	13
Speak Other Indo-European Languages	0	0%	13
Speak Asian-Pacific Island Languages	0	0%	13
Speak Other Languages	0	0%	13
Households by Household Income			
Household Income Base	455	100%	123
< \$15,000	25	5%	
\$15,000 - \$25,000	92	20%	56
\$25,000 - \$50,000	127	28%	79
\$50,000 - \$75,000	54	12%	31
\$75,000 +	157	35%	78
Occupied Housing Units by Tenure			
Total	455	100%	123
Owner Occupied	335	74%	112
Renter Occupied	120	26%	53
Employed Population Age 16+ Years			
Total	1,091	100%	276
In Labor Force	666	61%	193
Civilian Unemployed in Labor Force	32	3%	31
Not In Labor Force	425	39%	159

DataNote:Datail may not sum to totals due to rounding.Hispanic population can be of anyrace.N/Ameans not available.Source:U.S. Census Bureau, American Community Survey (ACS)*Households in which no one 14 and over speaks English "very well" or speaks English only.



EJSCREEN ACS Summary Report



Location: User-specified polygonal location Ring (buffer): 0-mile radius Description:

	2014 - 2018 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	1,458	100%	367
English	1,407	96%	350
Spanish	39	3%	121
French	4	0%	19
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	0	0%	19
Yiddish	N/A	N/A	N/A
Other West Germanic	N/A	N/A	N/A
Scandinavian	N/A	N/A	N/A
Greek	N/A	N/A	N/A
Russian	N/A	N/A	N/A
Polish	N/A	N/A	N/A
Serbo-Croatian	N/A	N/A	N/A
Other Slavic	N/A	N/A	N/A
Armenian	N/A	N/A	N/A
Persian	N/A	N/A	N/A
Gujarathi	N/A	N/A	N/A
Hindi	N/A	N/A	N/A
Urdu	N/A	N/A	N/A
Other Indic	N/A	N/A	N/A
Other Indo-European	0	0%	19
Chinese	1	0%	10
Japanese	N/A	N/A	N/A
Korean	2	0%	11
Mon-Khmer, Cambodian	N/A	N/A	N/A
Hmong	N/A	N/A	N/A
Thai	N/A	N/A	N/A
Laotian	N/A	N/A	N/A
Vietnamese	0	0%	19
Other Asian	3	0%	22
Tagalog	0	0%	19
Other Pacific Island	N/A	N/A	N/A
Navajo	N/A	N/A	N/A
Other Native American	N/A	N/A	N/A
Hungarian	N/A	N/A	N/A
Arabic	3	0%	19
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	0	0%	19
Total Non-English	51	4%	507

Data Note: Detail may not sum to totals due to rounding. Hispanic popultion can be of any race. N/A meansnot available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2014 - 2018. *Population by Language Spoken at Home is available at the census tract summary level and up. Appendix G

Phase I ESA for Lake Jimmy Jackson Park – May 19, 2021



May 19, 2021

City of Hogansville 400 E. Main Street Hogansville, Georgia 30230

- Attention: Ms. Lynne S. Miller, AICP Planning & Development Director lynne.miller@cityofhogansville.org
- Subject: Phase I Environmental Site Assessment Lake Jimmy Jackson Park 1430 Blue Creek Road Hogansville, Troup County, Georgia 30230

Dear Ms. Miller,

Mill Creek Environmental, LLC (MCE) has completed the Phase I Environmental Site Assessment (ESA) for the subject property referenced above. Based upon our observations and information gathered during the Phase I ESA, MCE has not identified recognized environmental condition (RECs) as defined by ASTM Standard Practice E 1527-13.

No further site assessment activities are recommended at this time.

If you have any questions or comments, please contact us at 706-579-1607 or via email at <u>cjohnson@millcreekenvironmental.com</u> or <u>jirwin@millcreekenvironmental.com</u>.

Sincerely, MILL CREEK ENVIRONMENTAL, LLC

Calvin R. Jonnson, EP, PG Environmental ¹ rofessional

Jake Irwin, EP Environmental Professional



Phase I Environmental Site Assessment

Of:

Lake Jimmy Jackson Park 1430 Blue Creek Road Hogansville, Troup County, Georgia 30230



Prepared For:

City of Hogansville 400 E. Main Street Hogansville, Georgia 30230

Prepared By:

Mill Creek Environmental, LLC 4055 Highway 53 East Dawsonville, Georgia 30534

MCE Project #: COH-2101-1

June 2021



TABLE OF CONTENTS

1	E	XECUTIVE SUMMARY	1
2	CERTIFICATION		
3	3 INTRODUCTION		
	3.1	PURPOSE	3
	3.2	SCOPE OF WORK	3
	3.3	LIMITATIONS	3
	3.4	DATA GAPS	4
4 SITE DESCRIPTION		ITE DESCRIPTION	4
	4.1	Soils and Geology/Hydrogeology	5
	4.2	SITE HYDROLOGY	5
	4.3	SURROUNDING LAND USE	5
5	5 USER PROVIDED INFORMATION		6
	5.1	PURPOSE OF PHASE I ESA	6
	5.2	INFORMATION PROVIDED BY THE USER	6
6	IN	NTERVIEWS	6
	6.1	Personal Interviews	6
	6.2	AGENCY CONTACTS	6
7	SI	ITE DEVELOPMENT HISTORY	7
	7.1	SANBORN MAPS	7
	7.2	HISTORICAL AERIAL PHOTOGRAPHS	7
	7.3	HISTORICAL TOPOGRAPHIC MAPS	8
	7.4	TAX RECORDS	8
	7.5	ENVIRONMENTAL LIENS AND ACTIVITY AND USE LIMITATIONS	8
	7.6	CHAIN OF PROPERTY OWNERSHIP	9
	7.7	CITY DIRECTORIES	9
8	PREVIOUS REPORTS AND RECORDS REVIEW		9
9	9 ENVIRONMENTAL DATABASE REVIEW		9
	9.1	SUBJECT PROPERTY	10
	9.2	ADJOINING PROPERTIES	10
	9.3	OFFSITE PROPERTIES	10
	9.4	ORPHAN AND UN-PLOTTED SITES	10
10 PREVIOUS REPORTS AND RECORDS REVIEW			
	10.1	HAZARDOUS CHEMICAL OR PETROLEUM STORAGE	10
	10.2	UNIDENTIFIED SUBSTANCE CONTAINERS	11
	10.3	POTENTIAL POLYCHLORINATED BIPHENYLS (PCBS)	11
	10.4	Hydraulic Equipment	11
	10.5	DRAINS AND SUMPS	11
	10.6	PITS, PONDS, OR LAGOONS	11
	10.7	WASTEWATER	11
	10.8	STRUCTURAL STAINING OR CORROSION	11
	10.9	STAINED SOIL OR PAVEMENT	11

10.10 Stressed Vegetation	11
10.11 Solid Waste	12
10.12 Wells	12
10.13 Septic Systems	12
VAPOR ENCROACHMENT CONDITIONS	12
FINDINGS	13
CONCLUSIONS AND RECOMMENDATIONS	13
REFERENCES	14
	10.10 STRESSED VEGETATION

LIST OF FIGURES

Figure 1	Topographic Map
Figure 2	Site Vicinity Map
Figure 3	Lake Jimmy Jackson Park Site Plan

LIST OF APPENDICES

Appendix A	Environmental Professional Qualifications
Appendix B	Site Photographs
Appendix C	Interview and Agency Contact Documentation
Appendix D	Certified Sanborn Maps
Appendix E	Historical Aerial Photographs
Appendix F	Historical Topographic Maps
Appendix G	Additional Information
Appendix H	Radius Map

1 EXECUTIVE SUMMARY

At the request of Ms. Lynne Miller of the City of Hogansville, Mill Creek Environmental, LLC (MCE) has completed a Phase I Environmental Site Assessment (ESA) for the property located at 1430 Blue Creek Road in Hogansville, Troup County, Georgia (the "subject property"). The Phase I ESA was performed in accordance with the American Society for Testing and Materials (ASTM) Standard Practice E1527-13. The purpose and scope of work are outlined in **Section 3** of this report.

The subject property, operating as the City of Hogansville's Lake Jimmy Jackson public park that opened in May 2019, consists of one parcel identified in the Troup County Tax Assessor's database as Parcel Number: 0211 000067 totaling approximately 39.49 acres. This park is located at the west end of the Lake Jimmy Jackson (aka Blue Creek Reservoir) in northeast Hogansville. Existing park features include the paved entrance from Blue Creek Road, a boat launch and dock, beach with roped off swim area, a restroom building close to the park entrance, paved parking, and three picnic pavilions on concrete bases. Woods surround the subject site. A flood control dam is located south of the beach and swim area. The State of Georgia Environmental Protection Division (EPD) Safe Dams Program monitors the City-owned earthen dam at this site (Yellowjacket Creek W/S#15). The City of Hogansville maintains this dam under EPD permit No. 141-003-00877.

According to historical information, the use of the subject property has been timberland and agricultural since at least 1937 based on the EDR historical aerials and Troup County tax records reviewed. No other indications of prior development were noted. The subject property is located in a rural, residential area of Troup County, northeast of Hogansville, Georgia, and is serviced by electricity and municipal sanitary sewer and water utilities.

Interviews with a representative of the City of Hogansville and other local government agencies did not identify any environmental concerns at the subject property.

The subject property was not identified during the environmental agency database review.

No adjoining or offsite properties were identified during the environmental agency database review.

MCE's site reconnaissance did not identify any RECs for the subject property.

Based upon our observations and information gathered during the Phase I ESA, this assessment has revealed **no** evidence of RECs in connection with the subject property.

No further site assessment activities are recommended at this time.
2 CERTIFICATION

We have performed this assessment in accordance with generally accepted environmental practices and procedures as of the date of this report. We have employed the degree of care and skill ordinarily exercised under similar circumstances by reputable environmental professionals practicing in this area. The conclusions contained within this assessment are based upon site conditions we readily observed or were reasonably ascertainable and present at the time of our site inspection, reasonably ascertainable regulatory information, and reasonably ascertainable historical information.

The scope of this assessment does not purport to encompass every report, record, or other form of documentation relevant to the property being evaluated. To the best of our knowledge, this Environmental Site Assessment has been performed in compliance with ASTM Standard E1527-13 for Phase I Environmental Site Assessments.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Professional qualifications are provided in **Appendix A**.

Prepared By:

Calvin R. Johnson, EP, PG Environmental Professional

Reviewed By:

Jake Irwin, EP Environmental Professional

3 INTRODUCTION

Mill Creek Environmental, LLC (MCE) has completed a Phase I Environmental Site Assessment (ESA) for the property located at 1430 Blue Creek Road in Hogansville, Troup County, Georgia (the "subject property"). The Phase I ESA was performed in accordance with the American Society for Testing and Materials (ASTM) Standard Practice E1527-13.

3.1 <u>Purpose</u>

The purpose of this assessment was to evaluate the subject property for the presence of "recognized environmental conditions" (RECs) as defined by ASTM. A "recognized environmental condition" is defined by the ASTM as:

"The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property due to a release to the environment, under conditions indicative of a release to the environment, or under conditions that pose a material threat of future release to the environment. De-minimis conditions are not recognized environmental conditions."

3.2 Scope of Work

The following tasks were completed during the performance of the Phase I ESA:

- TASK 1- Historical Data Review;
- TASK 2- Environmental Agency Database Review;
- TASK 3- Site Reconnaissance;
- TASK 4- Personal Interviews;
- TASK 5- Contacts with Local Officials; and
- **TASK 6-** Reporting of Results.

This report contains the results of our database and records review, site reconnaissance, personnel interviews, and additional information obtained during our assessment. Information used to complete this report was reasonably ascertainable and visually observable. This Phase I ESA did not include any testing or sampling of materials (*e.g.*, soil, water, sediment, building materials, etc).

3.3 Limitations

The report and any other information which MCE prepared and submitted to **The City of Hogansville** (the "*User*") in connection with this assessment (the "*Report*") are for the sole use and benefit of the *User* and may not be used or relied upon by any other person or entity without the prior written consent of the *User* and MCE, except as provided for specifically in the agreement. Any such consent given by MCE will be deemed to be and will be subject to the terms and conditions as MCE may reasonably require, including without limitation a monetary limit to MCE's liability to any person granted such consent (the "*Grantee*"), and any such *Grantee* will be deemed to have agreed to such terms and conditions by its use and reliance on the *Report*. The use or re-use of this document or the findings, conclusions, or recommendations presented herein, by any other party or parties is at the sole risk of said *User*.

MCE and the *User* agree that (1) the information in the *Report* relates only to the subject property specifically described in the *Report* and was presented in accordance with and subject to the scope of work described in the *Report* or specifically agreed to by MCE and the *User*; (2) the information and conclusions provided in the *Report* apply only to the subject property as it existed at the time of MCE's examination of the subject property. Should the subject property use or conditions change or should there be changes in applicable laws, standards, or technology, the information and conclusions in the *Report* may no longer apply; (3) MCE makes no representations regarding the value or marketability of the subject property or its suitability for any particular use, and none should be inferred based on the *Report*; (4) the *Report* is intended to be used in its entirety and no excerpts may be taken to be representative of the findings of this investigation; and (5) environmental land-use issues and constraints of possible relevance (*e.g.*, wetland surveys, sensitive habitats, radon, lead-based paint, asbestos, etc.), were not included in this scope of services.

3.4 Data Gaps

A data gap is defined by the ASTM Standard E1527-13 as, "...a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information." A data failure is a type of data gap that fails to meet the historical research objectives.

MCE encountered the following data failure during the completion of this assessment:

• Based on a review of the available data, historic resources at five-year intervals were not reasonably ascertainable. This is considered a data failure in accordance with the ASTM Standard E1527-13.

The presence of this data failure did not affect MCE's ability to identify conditions indicative of a release or threatened release of hazardous substances to the subject property and did not have a material impact on the conclusions of this report.

4 SITE DESCRIPTION

The subject property, operating as the City of Hogansville's Lake Jimmy Jackson public park that opened in May 2019, consists of one parcel identified in the Troup County Tax Assessor's database as Parcel Number: 0211 000067 totaling approximately 39.49 acres. This park is located at the west end of the Blue Creek Reservoir in northeast Hogansville. Existing park features include the paved entrance from Blue Creek Road, a boat launch and dock, beach with roped off swim area, a restroom building close to the park entrance, paved parking, three picnic tables, pavilions on concrete bases, grills, benches, bike racks, and a dam. Woods surround the subject site. A flood control dam is located south of the beach and swim area. The State of Georgia Environmental Protection Division (EPD) Safe Dams Program monitors the City-owned earthen dam at this site (Yellowjacket Creek W/S#15). The City of Hogansville maintains this dam under EPD permit No. 141-003-00877. The subject property is located in a rural, residential area of Troup County, northeast of Hogansville, Georgia, and is serviced by electricity and municipal sanitary sewer and water utilities.

Based on MCE's review of the United States Geologic Survey (USGS) Hogansville and Grantville, Georgia 7.5 minute topographic quadrangle maps, the subject property is situated at an elevation of approximately 715 feet above mean sea level. A topographic map showing the location of the subject property is provided as **Figure 1**. A vicinity map of the area is provided as **Figure 2**. Lake Jimmy Jackson Park site improvements are depicted in **Figure 3**. Photographs of the subject property are provided in **Appendix B**.

4.1 Soils and Geology/Hydrogeology

According to the United States Department of Agriculture's (USDA) Web Soil Survey, the most common soil types found in the vicinity of the subject property belong to the Cecil, Riverview, and Pacolet Soil Series. These soils are classified as loams belonging to the USDA hydrologic group "Class B". Class B soils have moderately coarse textures, are moderately well to well drained, and have moderate infiltration rates.

The subject property is situated in the Piedmont Physiographic Province of Georgia. Rock types of the Piedmont generally include gneiss, schist, granite, and amphibolite. The local area is characterized by units of gneiss and amphibolite. These rocks weather to form a reddish-brown soil called residuum, which consists of various amounts of sand, clay, and silt mixtures.

The upper boundary of the Piedmont Province groundwater system is formed by the water table. The water table is usually situated within the residuum, although it can be found within the bedrock in areas where the residuum is thin. The configuration of the water table is usually a subdued replica of the local topography. Generally, groundwater in the Piedmont Province flows from highlands to lowlands and discharges to streams, lakes, or wetlands. The direction of groundwater flow at the subject property is unknown, but based on local topography the general direction of groundwater flow is inferred to be toward the reservoir (Lake Jimmy Jackson) and Blue Creek.

4.2 <u>Site Hydrology</u>

The topography on the improved portion of the subject property is relatively flat in the parking and circular drive area with a moderate downhill slope from Blue Creek Road to the south toward the reservoir. Storm water at the subject property infiltrates into the subsurface of surrounding wooded and grassed areas or flows as non-point source discharges to Blue Creek (aka Yellow Jacket Creek) or the reservoir that has a pool elevation of approximately 689 feet above mean sea level.

No recognized environmental conditions (RECs) associated with storm water run-on or run-off were observed at the subject property.

4.3 <u>Surrounding Land Use</u>

The subject property is located in a rural, residential area of Troup County, northeast of Hogansville, Georgia. The land use surrounding the subject property consists of the following:

North:	Access Road, Blue Creek Road, Residential Properties, and Wooded Land
South:	Wooded Land and Residential Properties
East:	Residential Properties and Lake Jimmy Jackson (Blue Creek Reservoir)
West:	Residential Properties, Wooded Land, and Blue Creek Road

Surrounding land use is shown in Figure 2.

5 USER PROVIDED INFORMATION

5.1 <u>Purpose of Phase I ESA</u>

The user is completing this Phase I ESA as part of the due diligence and environmental assessment process prior to a proposed Land and Water Conservation Fund (LWCF) project that will include securing federal grant money and matching City of Hogansville funds for the completion of onsite improvements to Lake Jimmy Jackson Park.

5.2 <u>Information Provided by the User</u>

A Phase I ESA Property Questionnaire was provided to Ms. Lynne Miller, the Planning and Development Director, with the City of Hogansville, the owner of the subject property. Ms. Miller stated that no environmental liens or activity and land use limitations are associated with the subject property other than the Safe Dams Program requirements associated with City-owned earthen dam (Yellowjacket Creek W/S#15 structure regulated under EPD Permit No. 141-003-00877). She has no knowledge of any specific chemicals spills or chemical releases associated with the subject property and is not aware of any environmental cleanups associated with the subject property. She stated that there are no indicators to the presence or likely presence of contamination at the property. She did note that two cars were pulled from the reservoir in 2018 and chlorine is being used to treat onsite groundwater used as a potable water supply and is part of the municipal system operated by the City of Hogansville. Cars pulled from the reservoir and the use of chlorine to treat groundwater are not considered RECs to the subject property. A copy of the completed Property Questionnaire is provided in **Appendix C**.

6 INTERVIEWS

Interviews with occupants of the subject property and local government agencies were conducted in an attempt to obtain information concerning recognized environmental conditions in connection with the subject property. The interviews are summarized below. Interview documentation is provided in **Appendix C**.

6.1 <u>Personal Interviews</u>

During the site reconnaissance conducted by Mr. Calvin Johnson with MCE on April 14, 2021, Ms. Lynne Miller, the Planning and Development Director, with the City of Hogansville, the owner of the subject property, was interviewed and asked a series of questions regarding the historical usage and environmental conditions relating to the subject property. A completed Phase I ESA Property Questionnaire is included in **Appendix C**.

6.2 <u>Agency Contacts</u>

MCE contacted the Troup County Environmental Health Department and the Hogansville County Fire Department to obtain information regarding environmental conditions at the subject property.

The Troup County Environmental Health Department replied to MCE's request for information via email. The Environmental Health Department stated that no record of a septic system was found with available information, but they did acknowledge that an onsite groundwater well was permitted

at this site as part of the municipal water system operated by the City of Hogansville. No issues were reported regarding this water supply.

Sgt. Chase Freeman, with the Troup County Fire Department Station 11, was contacted by telephone. He indicated that the Fire Department does not possess any records regarding the storage or release of hazardous or petroleum products at the subject property, and to his knowledge no environmental responses have been reported for this property.

Agency correspondence is provided in Appendix C.

7 SITE DEVELOPMENT HISTORY

Historical information regarding the subject property was obtained from a review of records available from public sources. MCE attempted to identify all obvious uses of the subject property from the present, back to the subject property's first developed use or 1940, whichever was earlier. MCE utilized Environmental Data Resources, Inc. (EDR), a national database research provider, to provide the following information.

7.1 Sanborn Maps

The complete Sanborn Library collection of fire insurance maps has been searched by EDR for information concerning the subject property. Fire insurance maps for the subject property were not found. The Sanborn "No Coverage" certification is provided in **Appendix D**.

7.2 <u>Historical Aerial Photographs</u>

MCE reviewed and interpreted historical aerial photographs for indications of past land use or site activities that represent potential areas of environmental concern for the subject property. Aerial photograph prints from 1937, 1941, 1943, 1958, 1965, 1971, 1981, 1988, 1993, 2000, 2007, 2010, 2013, and 2017 were reviewed and are provided in **Appendix E**. MCE's interpretation of the aerial photography is provided below:

1937: Scale: 1 inch = 500 feet Quality: Poor

The 1937 aerial photograph shows land use at the subject property as agricultural. Blue Creek Road and Sportsman Club Road are visible to the north and extending from east to west.

1941-1971: Scale: 1 inch = 500 feet Quality: Fair

The 1941 to 1971 aerial photographs shows the subject property ranging from mostly agricultural to mostly wooded over time with Blue Creek and related wetland areas trending east to west through the subject site. Residential development is visible along Blue Creek Road and Sportsman Club Road.

1981-2017: Source: 1 inch = 500 feet Quality: Good

Lake Jimmy Jackson and the earthen dam first appears on the 1981 aerial photograph. The subject site appears to be cleared of trees to a similar extent as currently observed at Lake Jimmy Jackson Park. Land use on the surrounding properties appears similar between 1971

and 2017. As of 2017, no structures are visible on the subject property, but trails extending from nearby private residential properties to the waterfront are visible.

No evidence of environmental concerns could be discerned from the historical aerial photographs.

7.3 <u>Historical Topographic Maps</u>

MCE reviewed and interpreted historical topographic maps for indications of past land use or site activities that represent potential areas of environmental concern for the subject property. Historical topographic maps for the years 1964, 1973, 1982, and 2014 were reviewed. MCE's interpretation of the topographic maps is provided below:

1964: Scale: 1:24,000

The 1964 historical topographic map depicts Blue Creek flowing east to west through the subject property. Blue Creek Road and Sportsman Club Road are visible to the north, trending east to west. Antioch Church is depicted on the map to the west of the site. Urban sprawl from the City of Hogansville is shown on the topographic map approximately 0.5-miles west of the subject property. Land further north and south appears largely undeveloped.

1973: Scale: 1:24,000

The 1973 historical topographic map depicts land use at the subject property and surrounding properties as similar to the 1964 topographic map.

1982: Scale: 1:24,000

The 1982 historical topographic maps shows land use on the subject property as similar to that in the 1973 topographic map. The reservoir, Lake Jimmy Jackson, first appears on the 1982 topographic map.

2014: Scale: 1:24,000

The 2014 historical topographic map does not depict structures. Lake Jimmy Jackson appears to be similar to the current configuration.

No evidence of previous environmental concerns was identified from the historical topographic maps. Historical topographic maps are provided in **Appendix F**.

7.4 <u>Tax Records</u>

The Troup County Tax Assessor's database was searched for records containing information about the past uses and development history of the subject property. The results of this database search indicate that the subject property consists of one parcel identified as Parcel Number: 0211 000067, totaling approximately 39.49 acres. The tax records indicate the most recent owner of the property as the City of Hogansville. Tax documentation is provided in **Appendix G**.

7.5 <u>Environmental Liens and Activity and Use Limitations</u>

A deed search for environmental liens (ELs) and activity and use limitations (AULs) was not included in the scope of work for this Phase I ESA report. However, a variety of state and federal databases (including the CERCLA Liens database, federal and state institutional controls databases, and Brownfield sites databases) were searched as part of the regulatory agency database review

detailed in **Section 9** of this report. No ELs or AULs related to the subject property were identified during the database review.

7.6 <u>Chain of Property Ownership</u>

A chain-of-title review was not included in the scope of services for this assessment.

7.7 <u>City Directories</u>

EDR City Directories for Blue Creek Road and Sportsman Club Road spanning multiple years dating from 1992 through 2017 were available and reviewed. Review of the digital archived data for years 1992, 1995, 2000, 2005, 2010, 2014, and 2017 appear to be private residential ownership along these surrounding properties with the exception of Antioch Baptist Church located at 1142 Blue Creek Road in 2005 and 2010, Andy's Automotive Repair Shop/Lynn, T at 1824 Blue Creek Road in 2005, and Veal's Heating & Air Conditioning/Veal, Joyce at 2121 Blue Creek Road.

No evidence of previous environmental concerns was identified during the review of historical City Directory listings.

8 PREVIOUS REPORTS AND RECORDS REVIEW

No previous environmental reports for the subject property were provided by the user or current owner. Because the property was not identified during the environmental agency database review summarized in **Section 9**, a regulatory file review was not conducted.

9 ENVIRONMENTAL DATABASE REVIEW

MCE utilized EDR to provide a Radius Map Report for the Property. This database report provides a summary of regulatory agency database entries regarding facilities within the ASTM E1527-13 search radii. The EDR research addresses state and federal databases that identify potential environmental sites of concern near the Subject Property. The requirements outlined in ASTM E1527-13 state that certain databases must be searched. The databases to be searched are as follows:

- Federal National Priority List (NPL) and equivalent State and Tribal databases;
- Federal Delisted NPL sites;
- Federal Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) and equivalent State and Tribal databases;
- Federal CERCLIS No Further Remedial Action Planned (NFRAP) database;
- Federal Resource Conservation and Recovery Act (RCRA) Corrective Action (CORRACTS) database;
- Federal RCRA non-CORRACTS Hazardous Waste Treatment, Storage, and Disposal (TSD) facility database;
- Federal RCRA Hazardous Waste Generators database;
- Federal Engineering and Institutional Controls Site Lists and equivalent State and Tribal databases;
- Federal Emergency Response Notification System (ERNS) database;
- State and Tribal Solid Waste Landfill (SWLF) and Solid Waste Disposal Sites database;
- State and Tribal Leaking Underground Storage Tank (LUST) database;
- State and Tribal Registered Underground Storage Tank (UST) database;
- State and Tribal Registered Above Ground Storage Tank (AST) database;

- State and Tribal Voluntary Cleanup Sites database; and
- State and Tribal Brownfield Sites database.

In addition, ASTM E 1527-13 states that other record sources should be searched, provided that they are reasonably ascertainable, sufficiently useful, and generally used during similar Phase I Environmental Site Assessments. A partial listing of additional record sources reviewed by MCE includes the following:

- Department of Defense Sites (DOD) and Formerly Used Defense Sites (FUDS) databases;
- Superfund Consent Decree (CONSENT) database;
- Records of Decision (RODS) database;
- Toxic Chemical Release Inventory System (TRIS) database;
- Toxic Substances Control Act (TSCA) database;
- PCB Activity Database (PADS);
- Facility Index System/Facility Registry System (FINDS) database;
- Spills Information (SPILLS) database; and
- Drycleaners Database (DRYCLEANERS).

A complete listing of all databases searched during the environmental agency database review and a detailed listing of all findings is provided in the Environmental Data Resources Radius Map Report provided in **Appendix H**.

9.1 <u>Subject Property</u>

The subject property was not identified in any of the environmental databases reviewed.

9.2 Adjoining Properties

No adjoining properties were identified in the environmental databases reviewed.

9.3 <u>Surrounding Properties</u>

No surrounding properties were identified in the environmental databases reviewed.

9.4 Orphan and Un-plotted Sites

No orphan and un-plotted sites were listed in the EDR radius map report. An orphan site is one with insufficient address information to be mapped in the database report.

10 PREVIOUS REPORTS AND RECORDS REVIEW

On April 14, 2021 MCE conducted a physical reconnaissance of the subject property to evaluate for the presence of "recognized environmental conditions". The observations made during the site reconnaissance are described below. Lake Jimmy Jackson Park site improvements are depicted in **Figure 3**.

10.1 <u>Hazardous Chemical or Petroleum Storage</u>

No hazardous chemical or petroleum storage containers were observed on the subject property with the exception for 5-gallon containers of chlorine located in the blue wellhouse on the eastern portion of the park. The chlorine was appropriately labeled and stored at the site, and is reportedly used to treat groundwater that serves as part of the municipal water supply for the City of Hogansville. The

presence of observed hazardous and petroleum containing materials with appropriate storage, handling, and disposal practices is not considered a REC.

10.2 <u>Unidentified Substance Containers</u>

No unidentified substance containers were observed on the subject property.

10.3 Potential Polychlorinated Biphenyls (PCBs)

One pad-mounted transformer was observed near the gated entrance on the northern portion of the subject property. No leaks or staining were observed around the transformer. PCB-containing oils have generally been phased out of service over the past several decades. Contamination resulting from equipment owned by public utility is not considered a potential source of liability for a property owner.

10.4 <u>Hydraulic Equipment</u>

No hydraulic equipment was observed at the subject property.

10.5 Drains and Sumps

Floor drains were observed in each bathroom at the subject property. A sump containing a grinder pump was observed adjacent to the eastern side of the restroom facility. The property is serviced by municipal sewer and this facility serves as a lift station to the municipal sewer system.

The presence of drains, sumps, and pumps at the subject property is not considered a REC.

10.6 Pits, Ponds, or Lagoons

No evidence of pits, ponds or lagoon was observed at the subject property. A flood control dam along Blue Creek is located south of the beach and swim area. The dam forms Lake Jimmy Jackson (aka Blue Creek Reservoir). The State of Georgia Environmental Protection Division (EPD) Safe Dams Program monitors the City-owned earthen dam at this site (Yellowjacket Creek W/S#15). The City of Hogansville maintains this dam under EPD permit No. 141-003-00877.

The presence of lakes or reservoirs at the subject property is not considered a REC.

10.7 <u>Wastewater</u>

No evidence of onsite wastewater treatment or disposal was observed at the subject property.

10.8 Structural Staining or Corrosion

No structural staining or corrosion was observed at the subject property.

10.9 Stained Soil or Pavement

No evidence of staining soil or pavement was observed at the subject property.

10.10 Stressed Vegetation

No evidence of stressed vegetation was observed at the subject property.

Phase I Environmental Site Assessment Lake Jimmy Jackson Park 1430 Blue Creek Road, Hogansville, Troup County, GA 30230

10.11 Solid Waste

Multiple trash cans were placed near picnic, beach, and restroom areas around the subject property. Waste containers appeared to clean, mostly empty, and regularly attended to by park attendants.

Solid waste of this type does not constitute a REC.

10.12 Wells

One well was observed on the subject property. A blue wellhouse was observed on the eastern portion of the subject property, due north of the beach. A groundwater pump and some chlorine treatment chemicals were located in the wellhouse. The subject property is serviced by this potable water supply that is reportedly part of the City of Hogansville municipal water system that is routinely tested and monitored for changes in water quality conditions by the City and the Troup County Health Department.

EDR well search information indicates two private wells are located between ¹/₄-mile and 1-mile from the subject site. No public supply wells were identified within 1-mile of the subject site.

The presence of these wells is not considered a REC.

10.13 Septic Systems

No evidence of septic systems was observed on the subject property. The subject property is reportedly served by a municipal sewer system.

11 VAPOR ENCROACHMENT CONDITIONS

MCE conducted a vapor migration screening survey of the subject property to assess the risk of "vapor encroachment conditions" (VECs) on the subject property. The scope of this screening was limited to visual observations and review of the environmental database records, and did not include the collection and laboratory analysis of air samples to confirm the presence of airborne contaminants by vapor intrusion A VEC is defined by ASTM Standard E2600-10 standard as, "the presence or likely presence of chemicals of concern (COC) vapors in the sub-surface of the subject property caused by the release of vapors from contaminated soil or groundwater either on or near the subject property..." Based on the ASTM Standard E 1527-13 definition of a REC (as defined in Section 3.1), a VEC constitutes a REC. It is important to note that this vapor migration screening survey is not intended to satisfy ASTM Standard E2600-10, a Tier 1 or Tier 2 investigation, nor does it imply that ASTM Standard E2600-10 must be applied to achieve compliance with all appropriate inquires.

Based on MCE's site observations and review of available environmental databases, MCE did not identify conditions on the subject property or on adjoining properties that would indicate a REC relative to vapor migration at the subject property.

12 FINDINGS

The following is a summary of the findings of this assessment:

- The subject property consists of one parcel identified in the Troup County Tax Assessor's database as Parcel Number: 0211 000067 totaling approximately 39.49 acres;
- The subject property was agricultural and wooded land prior 1981 when the earthen dam first appears on the historical aerial imagery; the current onsite park structures were constructed after the 2017 aerial photograph;
- Interviews with a representative of the City of Hogansville and other local government agencies did not identify any environmental concerns at the subject property.
- The subject property was not identified during the environmental agency database review;
- No adjoining or offsite properties were identified during the environmental agency database review; and
- MCE's site reconnaissance did not identify any recognized environmental conditions or RECs for the subject property.

The findings listed above were used to develop the conclusions and recommendations in the following section.

13 CONCLUSIONS AND RECOMMENDATIONS

MCE has performed a Phase I Environmental Site Assessment of the property located at 1430 Blue Creek Road in Hogansville, Troup County, Georgia in conformance with the scope and limitations ASTM Practice E1527-13.

Based upon our observations and information gathered during the Phase I ESA, MCE has not identified any recognized environmental conditions (RECs) as defined by ASTM Standard Practice E 1527-13.

No further site assessment activities are recommended at this time.

14 REFERENCES

ASTM, 2013. American Society for Testing and Materials (ASTM). Standard E1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," 2013.

Environmental Data Resources, Inc. (EDR) The EDR Aerial Photo Decade Package, dated April 07, 2021, Inquiry Number: 6440149.8_1 and 6440149.8_2.

Environmental Data Resources, Inc. (EDR) The EDR Certified Sanborn Map Report, dated April 07, 2021, Inquiry Number: 6440149.3.

Environmental Data Resources, Inc. (EDR) The EDR-City Directory Image Report, dated April 13, 2021, Inquiry Number: 64401495.

Environmental Data Resources, Inc. (EDR) The EDR Historical Topo Map Report, dated April 07, 021, Inquiry Number: 6440149.4.

Environmental Data Resources, Inc. (EDR) The EDR Radius Map[™] Report, dated April 07, 2021, Inquiry Number: 6440149.2s.

U.S Geological Survey Hogansville and Grantville Quadrangles, Georgia [map]. 2014. 1:24,000. 7.5 Minute Series. Reston, VA: United States Department of the Interior, USGS, 2014.

Figures





Property Boundary Approximate

ENVIRONMENTAL

MCE Project #COH-2101-1



Appendix A Environmental Professional Qualifications



CALVIN R. JOHNSON, EP

SENIOR PROJECT MANAGER

CJOHNSON@MILLCREEKENVIRONMENTAL.COM



EDUCATION

GRADUATE COURSEWORK COMPLETED: MASTER OF SCIENCE GEOLOGY/HYDROGEOCHEMISTRY INDIANA UNIVERSITY

Bachelor's Degree: Geology (Department Honors) Alfred University

AREAS OF EXPERTISE

- Phase I and Phase II ESAs
- Dry Cleaner, Manufacturing and Industrial Site Investigations under Hazardous Waste Programs
- Vapor Intrusion and Soil Gas
- Petroleum and UST/AST Closures
- Groundwater Flow & Fate-and-Transport Modeling and Reporting
- Soil and Groundwater Remediation (*In-situ* and *Ex-situ*)
- Commercial Real Estate
 Transactions
- RCRA/CERCLA Sites, Brownfields, and Voluntary Remediation Programs
- Aquifer/Packer/Slug Testing
- Risk/Exposure Assessments
- Surface Geophysics
- Landfill groundwater monitoring and methane gas reporting, Title V

Calvin is an environmental professional with more than thirty years of consulting experience performing hydrological, geochemical, water resources, and geophysical investigations for a variety of industries throughout the eastern United States and abroad.

He has wide-ranging knowledge of environmental issues, rules, and regulations and specializes in project management of multidisciplinary environmental projects for private and public sector clients, primarily related to impacted groundwater quality by petroleum hydrocarbons, metals, and various organic and inorganic **chemicals. Calvin's emphasis is on environmental investigations and** remediation that promote property restoration and redevelopment. He has conducted hundreds of site assessments; evaluated risk to human health and the environment; developed cleanup goals and remedial alternatives; selected contractors; and planned, designed, executed, managed and supervised on-site cleanup efforts.

Calvin has worked on hazardous, solid and petroleum-related waste cleanup projects for numerous Fortune 1000 companies and countless other clientele in the petroleum, chemical, energy, paint, telecommunication, recycling/solid waste, commercial property development and manufacturing industries over the past several decades under local, state and federal environmental programs.

CERTIFICATIONS & TRAINING

- Licensed Professional Geologist
 - Georgia #1[°]
 - Florida #202
 - Indiana #17
- ASTM Environmental Professional
- In-Depth Groundwater Analytic
 Element Modeling Training
- OSHA 40-Hour HAZWOPER Training and Annual Updates
- 30-Hour OSHA Construction Safety Training
- Supervisory Confined Space Entry Competent Person/Supervisor OSHA 29 CFR 1910.146
- Soil Card Level 1A Certified Blue Card (no. 41413), Georgia Soil & Water Conservation Commission
- 38-Hour Army Corps of Engineers Wetland Delineation & Management Training Cert. #4399
- Applications in Groundwater Geochemistry Training



JAKE IRWIN

OPERATIONS MANAGER

JIRWIN@MILLCREEKENVIRONMENTAL.COM



EDUCATION

Bachelor of Science, Recreation Studies, Ohio University Master of Science, Administration of Public Recreation, Ohio University

AREAS OF EXPERTISE

- Phase I Environmental Site Assessments
- Phase II Subsurface Investigations
- UST Compliance Audits, Closure, & Corrective Action Planning.
- HSRA Release Notification, Compliance Status Reporting, and Corrective Action Planning
- Solid Waste Permitting, Compliance Monitoring, and Corrective Action Planning
- NPDES Permitting (Industrial, Storm Water, and Construction)/ SWP3 Preparation)
- Erosion Control Planning and Oversight
- Spill Prevention, Control, and Countermeasure (SPCC) Planning
- NAPL Recovery, Soil Vapor Extraction, Enhanced Bioremediation, and Natural Attenuation Planning, Demonstration, and Implementation
- Aquifer Testing, Stream Flow Assessment, Hydrological Studies

Mr. Irwin joined Mill Creek Environmental Services (MCE) In December 1999 to work as a Project Manager. His responsibilities with MCE have included contractor oversight, client services, data management and evaluation, development, plan and work regulatory agency coordination. In his current role as Operations Manager, he is responsible for the planning, staffing, and implementation of MCE projects which include facility inspections, site assessments, spill response and corrective action planning, remediation system operation, long-term site monitoring and reporting, storm water, surface water, and groundwater monitoring programs, erosion control planning and inspections, and property transaction screening. Mr. Irwin is also responsible for staff development and training and is a frequent attendee of conferences, tradeshows, and seminars which offer opportunities for continuing education and showcase new technologies and trends in the environmental consulting industry.

CERTIFICATIONS & TRAINING

- ASTM E 1527-13 "Environmental Professional"
- GSWCC Level II ESPCP Plan Reviewer Certification
- 40-hour HAZWOPER Certification
- <u>Confined Space Awar</u>eness Training
- Familiarity with USDA and USCS Soil Classification Systems
- Familiarity with USEPA EISOPQAM, SESD Field Branches Quality System and Technical Procedures, and SW-846 Guidance
- Expertise with a variety of desktop computer operating systems, common office software, and specialized software packages including AutoCAD, ChemStat, AQTESOLV, and a variety of contaminant fate-and-transport models.

Appendix B Site Photographs



General entrance view of the subject property from Blue Creek Road. View facing northwest.



Existing signage for Lake Jimmy Jackson Park located on Blue Creek Road.



Gated entrance to Lake Jimmy Jackson Park. View to the north toward Blue Creek Road.



Gated entrance to Lake Jimmy Jackson Park. View to the south toward the subject property.



Restroom facilities located on the northern portion of the subject property near the Blue Creek Road entrance.



General view of common area of the park improved with covered picnic pavilion areas.



View to the southwest of central common area and the proposed playground area within the circular drive around the family picnic areas.



General view of the park looking toward Lake Jimmy Jackson.



View of the paved drive, parking, and picnic areas located within the park.



View of the waterfront from the proposed sand volleyball court area just north of the existing beach and swim area.



View of the existing family picnic areas with covered pavilions and outdoor grills.



View facing northeast from the earthen dam toward the existing beach and the proposed sand volleyball court area.



View to the east from the earthen dam toward the existing boat ramp, beach, public swim area, and the proposed canoe/kayak launch area.



General view to the south of the existing trail located on the earthen dam and leading to the proposed fishing pavilions on the southern portion of the subject property.



View of Lake Jimmy Jackson from the earthen dam.



General waterfront view of Lake Jimmy Jackson Park.



Parking and rest area located near the existing boat ramp.



View to the north of the existing dock, beach, and swim areas.



View of beach and swim areas located just west of the proposed canoe/kayak launch.



View of the wellhouse used for supplying potable water to restrooms and drinking fountains.



Groundwater pump and chlorine treatment supplies located within the wellhouse.



View of the picnic areas of the park looking north as viewed from the existing dock and boat ramp area.



View of the waterfront from the proposed fishing pavilion area.



View facing northwest from the proposed fishing pavilion area.

Appendix C Interview and Agency Contact Documentation

Phase I ESA Property Questionnaire

Please complete to the best of your knowledge and return to: Submitted to: Calvin R. Johnson, EP, PG <u>Mill Creek Environmenta</u>l, LLC <u>4055 Highway 53 East, D</u>awsonville, GA 30534

Phone: w:706.579.1607 Email: cjohnson@millcreekenvironmental.com

Complete	ed by:Lynne S. Miller, AICP	Title:	Planning & Development Director	Date:April 29, 2021
Relations	ship to property: <u>City employee</u>	_ Length	City government has owned t of association with the property:	his property since 28 Aug 1970
Phone:	706.637.8629	Email:	lynne.miller@cityofhogansville.c	org

GENERAL INFORMATION

Property Name:	Lake Jimmy Jackson Park		
Address:	1430 Blue Creek Road		
City, State, Zip:	Hogansville, GA 30230		
Please desci	ribe the current use of the property:	Public park with beach.	Onsite buildings include
restroom b	ouilding and well house, both inst	alled in 2018.	

PROPERTY INFORMATION

Property Size (in acres):	38.11	# of Buildings:	2
Gross Building Square Footage:	488	# of Tenant Spaces:	N/A
Net Rentable Square Footage:	N/A	# of Parking Spaces:	32 Total
Date of Construction:	2018	# of ADA Parking Spaces:	2
	Destrooms, deals and heat low	ch installed in 2019. Three nisnis	noviliana addad in 2020

Date and Type of Any Renovations: Restrooms, dock and boat launch installed in 2018. Three picnic pavilions added in 2020.

Please attach a Property Site Plan (if available) and a current Tenant List or Rent Roll (if applicable) to the returned Questionnaire

Site plan attached.

1818 Perimeter Road • Dawsonville, GA 30534 706-579-1607 PHONE • 1-706-265-4916 FAX • www.millcreekenvironmental.com

PREVIOUS REPORTS, DOCUMENTS AND

1. Are you aware if a previous Environmental Assessment has ever been performed on the subject property? If yes, are you aware of the recommendations made in the report or please provide a copy of the report?

Yes No X Do not Know

2. Do you have any other environmentally associated documents, such as compliance audits, environmental permits (such as an NPDES permit, boiler permit, wastewater permit), registrations (such as for a underground storage tank) or material safety data sheets? If yes, please provide a copy of the document(s)

Yes X No Do not Know

EPD Permit No. 141-003-0877 for maintenance of City-owned earthen dam (Yellowjacket Creek W/D # 15) at this site. Compliance audit letter dated 17 Nov 2016 attached.

3. Can you provide contact information (name and phone number) of the previous owner of the property? If yes, please provide below.

Yes X No Do not Know

Mrs. Lucille Harris aka Mr. Charles E. Harris - Phone number unknown.

HISTORICAL & PRESENT USAGE/SITE CONDITIONS – SUBJECT AND ADJOINING PROPERTIES

1. Are you aware of the prior use of the subject property, i.e., any previous development, undeveloped? If so, please describe.

Lake Jimmy Jackson, also known as Blue Creek Reservoir, is used for flood control. City withdrew drinking water from this reservoir

until 2008, when City began importing all of its water from City of LaGrange and Coweta County, GA.

2. Has fill dirt ever been brought onto the subject property that originated from a contaminated site or from an unknown source?

Yes No X Do not Know

3. Are there currently or have there ever been any pits, ponds or lagoons on the subject property utilized in connection with waste treatment or waste disposal?

Yes No X Do not Know

4. Are you currently aware of or have there ever been any hazardous substances, petroleum products, tires, car or industrial batteries, pesticides or other chemicals or waste materials that have been dumped, buried or burned on the subject property?

2 cars were pulled out of lake in 2018. Yes X No

5. Have any of the adjoining properties ever been used for industrial purposes? (including but not limited to a gas station, dry cleaner, auto repair facility, landfill, waste treatment, printing facility etc)? If yes, please describe.

Yes No X Do not Know

Do not Know

6. Are any of the adjoining properties currently being used for industrial purposes? If yes, please describe.

	Yes	Νο χ	Do not Know	
7. Do you have any specialized knowledge or experier example, are you involved in the same line of business or an adjoining property so that you would have spec used by this type of business?	nce related to the sas the current cialized knowl	he property or t or former oc ledge of the cl	nearby properties? For cupants of the property hemicals and processes	
	Yes	No X	Not Applicable	
8. If the subject property is served by a private well of you have prior knowledge that contaminants have be guidelines applicable to the water system or that the government environmental/health agency? If an on-sir recent water quality testing report.	or non-public been identified well has been te well is pres	water system, I in the well I designated a sent, please att	is there evidence or do or system that exceed s contaminated by any ach a copy of the most	
	Yes X	No	Not Applicable	
There is an onsite well that is part of the City water sys AAI and REGULATORY QUESTIONS	tem.			
1. Are you aware of any past or current existence of haz	zardous substa	nces, specific o	chemicals, or petroleum	
products on the subject property or any facility located of There is a chlorine station in the well house.	n the property Yes _X	? No	Do not Know	
2. Are you aware of any past or current spills or other chemical releases that have taken place at the property?				
1 1 2	Yes	No X	Do not Know	
3. Do you know of any clean ups (with respect to hazardous substances, specific chemicals, or petroleum products) that have occurred at the property?				
	Yes	No _X	Do not Know	
4. Are you aware, based on your knowledge of the prop the presence or likely presence of contamination at the p	erty, if there a	re any obvious	indicators that point to	
	Yes	No X	Do not Know	
5. Do you have any knowledge of filed or recorded environmental cleanup liens under federals, state or local law or governmental notification relating to past or recurrent violations of environmental laws with respect to the subject property or any facility located on the property?				
respect to the subject property of any facility focated on	Yes	No X	Do not Know	
6. Are there any potential or pending lawsuits or administrative actions concerning a release or threatened release of hazardous substances or petroleum product involving the subject property or any facility located				
on the property :	Yes	No x	Do not Know	
7. Are you aware of any areas of activity or use limitat restrictions or institutional controls that are in place at t registry under federal, state or tribal law?	tions (AULs) s the property an	such as engine nd/or have bee	ering controls, land use n recorded or filed in a	
<i>y</i> ,	Yes X	No	Do not Know	

The federal Safe Dams program requires that nothing be placed in the dam's spillway other than vegetation.

8. (Answer this question only if this is an acquisition) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If there is a difference, have you considered or determined whether the lower price is because contamination is known or believed to be present at the property?

Yes No Do not Know

STORAGE TANKS AND DRAINS

1. Are there currently or are you aware if there have ever previously been any registered or unregistered storage tanks, aboveground or underground, located on the subject property? If so, please attach copies of documentation such as tank closure/removal reports, tank tightness tests or registration/regulatory information.

Yes No X Do not Know

2. Are there currently or are you aware if there have ever previously been any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the subject property?

Yes No X Do not Know

3. Are there currently or are you aware if there have ever previously been any current evidence of leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the subject property?

	Yes	Νο χ	Do not Kno
--	-----	------	------------

4. If the subject property currently has any registered underground storage tanks please provide the Facility Identification Number and attach any available documentation or records you may have regarding the underground storage tank system: ______ Not Applicable X

5. Are there currently or are you aware if there are any current drains on the subject property? A 'drainage system shall include, but limited to, oil water separators, floor drains, floor trenches, clarifiers, sumps, bay drains, dry wells, septic tanks, leach fields, storm water detention ponds, sand traps, grease traps, waste water recycling, etc. If yes, please describe: Yes X No Do not Know/ NA

There are 4 floor drains in the restroom building. There is also a grinder pump at that building,

which connects to the City's wastewater system.

TRANSFORMERS AND HYDRAULIC EQUIPMENT

1. Are there are any transformers, capacitors, and/or hydraulic equipment, such as lifts or elevators on the subject property?

Yes X No Do not Know

2. If yes, are there any records indicating the presence or absence of PCBs in this equipment. If so, please attach copies of this documentation.

Yes No x Do not Know

3. Are the transformers owned by the subject property or by the local utility? If owned by the utility, please note the name of the utility. Electric transformer is owned by the City of Hogansville utility system. **COMMENTS/ADDITIONAL INFORMATION** (If necessary, please provide any additional relevant environmental information that has not been discussed above.)



April 29, 2021

Ms. Michele Davis Troup County Health Department 900 Dallis Street LaGrange, Georgia 30240 Email: <u>Michele.davis@dph.ga.gov</u> (706)298-3702

Subject: Phase I ESA Records Request City of Hogansville – Lake Jimmy Jackson Park 1430 Blue Creek Road Hogansville, Troup County, Georgia

Dear Ms. Davis,

Mill Creek Environmental, LLC (MCE) is in the process of completing an Environmental Site Assessment (ESA) for the subject property referenced above. As required by the standards for ESA preparation, this letter is being sent to request any information you may have concerning the subject property regarding the following items:

- Storage of hazardous substances or petroleum products at the subject property;
- Release of petroleum or hazardous materials to the environment at the subject property;
- · Water quality information or reporting for any onsite groundwater drinking wells;
- · Septic systems at the subject property; or
- Any other known environmental issues at the subject property.

Please call or forward any information that you may have on this property. Your time spent on this matter is greatly appreciated. If you have any questions or information regarding this site, please contact us at 706-579-1607 or at the email address listed below.

Sincerely, MILL CREEK ENVIRONMENTAL, LLC

Calvin R. Johnson, PG Senior Project Manager

Calvin Johnson

From:	Davis, Michele [Michele.Davis@dph.ga.gov]
Sent:	Thursday, April 29, 2021 12:15 PM
To:	cjohnson@millcreekenvironmental.com
Subject:	RE: Request for Information - Phase I ESA - Lake Jimmy Jackson Park Hogansville GA
Attachments:	img04292021_0005.pdf

Attached please find a copy of the well permit for this property. That is all we have for this address. Hope this help. Let me know.

Michele Davis *CSR II-Environmental Health/BOH Secretary* District 4, Georgia Department of Public Health We Inform, We Prevent, We Protect! Troup County Health Department 900 Dallis Street, Suite A Lagrange, GA 30240 Phone: 706-298-3702 Fax: 706-298-3655 michele.davis@dph.ga.gov Follow us on Twitter http://www.twitter.com/D4publichealth and Facebook http://facebook.com/District4Health Visit our website http://www.district4health.org

MISSION STATEMENT

To protect and improve the health of our communities through the prevention of disease, the promotion of healthy behaviors, access to quality services, strong community partnerships and disaster preparedness

VISION STATEMENT

To lead the way for our communities to live healthier and safer lives. Notice: Email to and from D4PH is generally a public record, except for the contact that is confidential under specif laws. Security by encryption is applied to all confidential information sent by email from D4PH,



From: Calvin Johnson <<u>ciohnson@millcreekenvironmental.com</u>> Sent: Thursday, April 29, 2021 11:54 AM To: Davis, Michele <<u>Michele.Davis@dph.ga.gov</u>> Subject: Request for Information - Phase I ESA - Lake Jimmy Jackson Park Hogansville GA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ms. Davis,

Attached is a request for information your department may have on the above referenced property.

Any information would be greatly appreciated. We know that there is an onsite well. Do you have any water quality testing reports or raw laboratory data for this well? If so, the most recent report or testing results will be sufficient.

Water Well Site		[keyword]	Search All	✓ Se	arch Clear Search
Water Well Site > Sites Hor	me > Site Details >	anananan antatana in lamaana			
Property Information					
View this Property) County: Subdivision: Lot Number: Block:	Troup		and the state of the second		
Property Location 1430 BLUE CREEK RD LAGRANGE, GA 30241					
Section A. Dwinskin	onnation.				
Well ID Number: Mailing Address	WWS-141-000971				
BLUE CREEK RD LAGRANGE, GA 3024	1				
Section B: Well info	mation				
Driving Directions					
	-				
Location of Well on P Install the well as mark	roperty ed by the stake and flag	ging			
Water Source:	Drilled Well				
Estimated Drill Date:	10/15/2018				
Depth of Well:	0				
Well Head Latitude:	33.033442000				
Well Head Longitude:	-85.001592000				
Well Driller:					
Recommended Actio	ns				
Permit Issue Date:	10/09/2018				
Site Checked by:	Randy West				
and all shares					

€ Back to Top | This page is being served from: 568430-WEB4

© Copyright 2021 Digital Health Department, Inc. All Rights Reserved. Terms and Conditions



April 19, 2021

Troup County Fire Department 1101 E. Main Street Hogansville, Troup County, Georgia 30230 (706)637-8059

Subject: Phase I ESA Records Request City of Hogansville – Lake Jimmy Jackson Park 1430 Blue Creek Road Hogansville, Troup County, Georgia

Dear Fire and Emergency Services,

Mill Creek Environmental, LLC (MCE) is in the process of completing an Environmental Site Assessment (ESA) for the subject property referenced above. As required by the standards for ESA preparation, this letter is being sent to request any information you may have concerning the subject property regarding the following items:

- Storage of hazardous substances or petroleum products at the subject property;
- Release of petroleum or hazardous materials to the environment at the subject property: or
- Any other known environmental issues at the subject property.

Please call or forward any information that you may have on this property. Your time spent on this matter is greatly appreciated. If you have any questions or information regarding this site, please contact us at 706-579-1607 or at the e-mail address listed below.

MILL CREEK ENVIRONMENTAL, LLC

Calvin R. Johnson, PG Senior Project Manager

MCE RECORD OF TELEPHONE CONVERSATION

Associate Name:	Calin Johnson	Date:	4/23/21
Subject:	EUS/Five Dest-Responses	Time:	1500 hurs -
Project Name:	City of Hogansville - Lake Tinnay Tackson Park	Recd:	Placed:X
Address:	1430 Blue Cree E Rd.	Talked with:	tz. Chase Freeman
	Hogansville, 6A 30230	Title:	The Fighton
Fac ID:	-NA-	Tel:	106)883-1717
Job #:	COH-2101-1	Company: <u></u>	TAI
		Address:	ogansville Fire Dept.
CONVER	SATION DETAILS:		
Sm	ke with Sty, Chase F	neemen	fore fighter with
sta	tion 11 of the Hogans	- 16 RV	e Department
reg	arting history of the	sa Gjeot	property and
whe	they are informated	m exists	concerning
ent	ivonmental hazarda	or ema	ugency ve soonber
4	H. site Sto Pro-		er 1 h f as

had Knowladge of Concerns ani envi ner m no infor lh Te becaus chemica Tip pills the had any Cases ener con site this made ton

Actions Required: File correspondence
Appendix D Sanborn Map Report City of Hogansville - Lake Jimmy Jackson Park 1430 Blue Creek Road Hogansville, GA 30230

Inquiry Number: 6440149.3 April 07, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

Site Name:

City of Hogansville - Lake Jimm 1430 Blue Creek Road Hogansville, GA 30230 EDR Inquiry # 6440149.3 Mill Creek Environmental LLC 4055 HIGHWAY 53 E Dawsonville, GA 30534 Contact: Jake Irwin

Client Name:



04/07/21

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Mill Creek Environmental LLC were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # B6E6-43D9-B5F3

PO # COH-2101-1

Project Lake Jimmy Jackson Park

UNMAPPED PROPERTY

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



Sanborn® Library search results Certification #: B6E6-43D9-B5F3

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Libra	ary of	Congress	
-------	--------	----------	--

University Publications of America

EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

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

Disclaimer - Copyright and Trademark Notice

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

Copyright 2021 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.

Appendix E Historical Aerial Photographs

City of Hogansville - Lake Jimmy Jackson Park

1430 Blue Creek Road Hogansville, GA 30230

Inquiry Number: 6440149.8 April 07, 2021

The EDR Aerial Photo Decade Package



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

Site Name:

Client Name:

04/07/21

City of Hogansville - Lake Jimn 1430 Blue Creek Road Hogansville, GA 30230 EDR Inquiry # 6440149.8

Mill Creek Environmental LLC 4055 HIGHWAY 53 E Dawsonville, GA 30534 Contact: Jake Irwin



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

Search	Results:			
<u>Year</u>	<u>Scale</u>	Details	Source	
2017	1"=500'	Flight Year: 2017	USDA/NAIP	
2013	1"=500'	Flight Year: 2013	USDA/NAIP	
2010	1"=500'	Flight Year: 2010	USDA/NAIP	
2007	1"=500'	Flight Year: 2007	USDA/NAIP	
2000	1"=500'	Acquisition Date: January 01, 2000	USGS/DOQQ	
1993	1"=500'	Acquisition Date: February 23, 1993	USGS/DOQQ	
1988	1"=500'	Flight Date: March 14, 1988	USGS	
1981	1"=500'	Flight Date: February 24, 1981	USDA	
1971	1"=500'	Flight Date: February 10, 1971	USDA	
1965	1"=500'	Flight Date: January 12, 1965	USDA	
1958	1"=500'	Flight Date: November 12, 1958	USDA	
1943	1"=500'	Flight Date: December 29, 1943	USDA	
1941	1"=500'	Flight Date: January 10, 1941	USDA	
1937	1"=500'	Flight Date: September 22, 1937	USDA	

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.

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 revision or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Ste Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provide in this Report is not to be construed as legal advice.

Copyright 2021 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.





























INQUIRY #: 6440149.8

YEAR: 1937

= 500'



Appendix F Historical Topographic Maps City of Hogansville - Lake Jimmy Jackson Park 1430 Blue Creek Road Hogansville, GA 30230

Inquiry Number: 6440149.4 April 07, 2021

EDR Historical Topo Map Report with QuadMatch™



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

EDR Historical Topo	Map Report
----------------------------	------------

Site Name:

Client Name:

City of Hogansville - Lake Jimm 1430 Blue Creek Road Hogansville, GA 30230 EDR Inquiry # 6440149.4

Mill Creek Environmental LLC 4055 HIGHWAY 53 E Dawsonville, GA 30534 Contact: Jake Irwin



04/07/21

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Mill Creek Environmental LLC were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		Coordinates:		
P.O.#	COH-2101-1	Latitude:	33.182869 33° 10' 58" North	
Proiect:	Lake Jimmy Jackson Park	Longitude:	-84.888454 -84° 53' 18" West	
•	Ş	UTM Zone:	Zone 16 North	
		UTM X Meters:	696861.92	
		UTM Y Meters:	3673546.05	
		Elevation:	714.00' above sea level	
Maps Provided	:			

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 provide in this Report is not to be construed as legal advice.

Copyright 2021 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.

Topo Sheet Key

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

2014 Source Sheets



2014

Grantville 7.5-minute, 24000



Hogansville 2014 7.5-minute, 24000

1982 Source Sheets



Hogansville 1982 7.5-minute, 24000 Aerial Photo Revised 1981



Grantville 1982 7.5-minute, 24000 Aerial Photo Revised 1981

1973 Source Sheets



Grantville 1973 7.5-minute, 24000 Aerial Photo Revised 1973

Hogansville 1973 7.5-minute, 24000 Aerial Photo Revised 1973

1964 Source Sheets



Hogansville 1964 7.5-minute, 24000 Aerial Photo Revised 1962



Grantville 1964 7.5-minute, 24000 Aerial Photo Revised 1962



6440149 - 4 page 4



6440149 - 4

page 5



6440149 - 4 page 6



Appendix G Additional Information





Taxing District 18-HOGANSVILLE HOGANSVILLE 39.49 Acres

Physical Address Assessed Value Land Value Accessory Value

301 E MAIN ST HOGANSVILLE, GA 30230 1430 BLUE CREEK RD Value \$369300 Value \$01-SFMD Improvement Value Value \$301 E MAIN ST Value \$HOGANSVILLE

Last 2 Sales					
Date	Price	Reason	Qual		
9/1/1970		Ν	U		
8/1/1970		NQ	U		

(Note: Not to be used on legal documents)

Date created: 4/7/2021 Last Data Uploaded: 4/6/2021 11:33:52 PM





Summary

Parcel Number	0211 000067
Location Address	1430 BLUE CREEK RD
Legal Description	1430 BLUE CREEK RD
	(Note: Not to be used on legal documents)
Class	E1-Exempt
	(Note: This is for tax purposes only. Not to be used for zoning.)
Zoning	01-SFMD
Tax District	18-HOGANSVILLE (District 18)
Millage Rate	38.11
Acres	39.49
Neighborhood	City of Hogansville (HGNSV)
Homestead Exemption	No (S0)
Landlot/District	67/
Subdivision/Lot/Blk/Sec/Phase	N/A

<u>View Map</u>

Owner

HOGANSVILLE CITY OF 301 E MAIN ST HOGANSVILLE, GA 30230

Rural Land

Туре	Description	Calculation Method	Soil Productivity	Acres
RUR	1-AG LAND	Rural	5	3.65
RUR	1-AG LAND	Rural	8	4.69
RUR	3-PONDS	Rural	1	12.11
RUR	4-TIMBERLAND	Rural	2	3.32
RUR	4-TIMBERLAND	Rural	7	8.99
RUR	4-TIMBERLAND	Rural	8	6.73

Accessory Information

Description	Year Built	Dimensions/Units	Identical Units	Value
Utility / Frame / Avg	2018	18x10/0	1	\$4,000
Restroom - Avg	2018	22x14/0	0	\$28,500

Sales

Sale Date	Deed Book / Page	Plat Book / Page	Sale Price	Reason	Grantor	Grantee
9/1/1970	249 404		\$0	Non Fair Market Sale		HOGANSVILLE CITY OF
8/1/1970	249 205		\$0	DeltaReason NQ		

Area Sales Report

Sale date range:



Valuation

	202	2019	2018	2017	2016
Previous Val	e \$369,30) \$162,300	\$162,300	\$162,345	\$162,345
Land Value	\$336,80	\$336,800	\$162,300	\$162,300	\$162,345
+ Improvemen	Value \$) \$0	\$0	\$0	\$0
+ Accessory Va	ue \$32,50) \$32,500	\$0	\$0	\$0
= Current Valu	\$369,30	\$369,300	\$162,300	\$162,300	\$162,345

GA Real Property Appeal Form

No data available for the following modules: Land, Conservation Use Rural Land, Residential Improvement Information, Commercial Improvement Information, Mobile Homes, Prebill Mobile Homes, Permits, Assessment Notices, Photos, Sketches.

The Troup County Board of Assessors makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use or interpretation. The assessment information is from the last certified tax roll. Sales information is updated each month. All other data is subject to change. <u>User Privacy Policy</u> <u>GDPR Privacy Notice</u>



Last Data Upload: 4/6/2021, 11:33:52 PM

Version 2.3.115

Appendix H Radius Map

City of Hogansville - Lake Jimmy Jackson Park

1430 Blue Creek Road Hogansville, GA 30230

Inquiry Number: 6440149.2s April 07, 2021

The EDR Radius Map[™] Report with GeoCheck®



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

FORM-LBC-DVV

TABLE OF CONTENTS

SECTION

PAGE

Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	9
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-10
Physical Setting Source Map Findings	A-12
Physical Setting Source Records Searched	PSGR-1

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 St 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 2020 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 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1430 BLUE CREEK ROAD HOGANSVILLE, GA 30230

COORDINATES

Latitude (North):	33.1828690 - 33° 10' 58.32"
Longitude (West):	84.8884540 - 84° 53' 18.43''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	696866.2
UTM Y (Meters):	3673354.2
Elevation:	714 ft. above sea level

2014

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	
Version Date:	

6045589 GRANTVILLE, GA 2014

6046902 HOGANSVILLE, GA

AERIAL PHOTOGRAPHY IN THIS REPORT

East Map: Version Date:

Portions of Photo from:	20150731
Source:	USDA
DATABASE ACRONYMS

Target Property Address: 1430 BLUE CREEK ROAD HOGANSVILLE, GA 30230

Click on Map ID to see full detail.

MAP ID

SITE NAME

ADDRESS

NO MAPPED SITES FOUND

6440149.2s Page 2

DIST (ft. & mi.) DIRECTION

RELATIVE

ELEVATION

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL_____ National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY______ Federal Facility Site Information listing SEMS______ Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE...... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG	RCRA - Large Quantity Generators
RCRA-SQG	RCRA - Small Quantity Generators
RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity
	Generators)

Federal institutional controls / engineering controls registries

LUCIS...... Land Use Control Information System

US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROLS	Institutional Controls Sites List

Federal ERNS list

ERNS_____ Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS_____ Hazardous Site Inventory GA NON-HSI_____ Non-Hazardous Site Inventory

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

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

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

State and tribal institutional control / engineering control registries

AUL	Uniform Environmental Covenants
INST CONTROL	Public Record List

State and tribal voluntary cleanup sites

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Public Record List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS_____ A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY	Recycling Center Listing
HIST LF	Historical Landfills
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands
ODI	Open Dump Inventory

DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS	Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

LIENS 2_____ CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
SPILLS	Spills Information
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide
	Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines

FINDS	Facility Index System/Facility Registry System
DOCKET HWC	Hazardous Waste Compliance Docket Listing
ECHO	Enforcement & Compliance History Information
FUELS PROGRAM	EPA Fuels Program Registered Listing
AIRS	Permitted Facility and Emissions Listing
COAL ASH	Coal Ash Disposal Site Listing
DRYCLEANERS	Drycleaner Database
Financial Assurance	Financial Assurance Information Listing
NPDES	NPDES Wastewater Permit List
TIER 2	Tier 2 Data Listing
UIC	Underground Injection Control
MINES MRDS	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF	Recovered Government Archive Solid Waste Facilities List
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

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

There were no unmapped sites in this report.

OVERVIEW MAP - 6440149.2S



SITE NAME: ADDRESS: LAT/LONG:	City of Hogansville - Lake Jimmy Jackson Park 1430 Blue Creek Road Hogansville GA 30230 33.182869 / 84.888454	CLIENT: CONTACT: INQUIRY #: DATE:	Mill Creek Environmental LLC Jake Irwin 6440149.2s April 07, 2021 4:09 pm
		0	

DETAIL MAP - 6440149.2S



ADDRESS:	1430 Blue Creek Road	
	Hogansville GA 30230	
LAT/LONG:	33.182869 / 84.888454	

CLIENT: Mill Creek Environmental LLC CONTACT: Jake Irwin INQUIRY #: 6440149.2s DATE: April 07, 2021 4:11 pm Copyright © 2021 EDR, Inc. © 2015 TomTom Rel. 2015.

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMEN	ITAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0
Federal Delisted NPL si	ite list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRA	P site list							
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRAC	CTS facilities li	st						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COF	RRACTS TSD fa	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generato	ors list							
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional col engineering controls re	ntrols / gistries							
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equiv	alent CERCLIS	5						
SHWS GA NON-HSI	1.000 1.000		0 0	0 0	0 0	0 0	NR NR	0 0
State and tribal landfill a solid waste disposal sit	and/or te lists							
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking	storage tank li	ists						
LUST INDIAN LUST	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal register	ed storage tan	k lists						
FEMA UST	0.250		0	0	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST AST INDIAN UST	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
State and tribal institution control / engineering control / engin	onal ntrol registries	;						
AUL INST CONTROL	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal voluntar	y cleanup site	s						
VCP INDIAN VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	elds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	ITAL RECORDS							
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
SWRCY HIST LF INDIAN ODI ODI DEBRIS REGION 9 IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500 0.500		0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	NR NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardous Contaminated Sites	s waste /							
US HIST CDL CDL DEL SHWS US CDL	0.001 0.001 1.000 0.001		0 0 0 0	NR NR 0 NR	NR NR 0 NR	NR NR 0 NR	NR NR NR NR	0 0 0 0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency F	Release Repor	ts						
HMIRS SPILLS SPILLS 90	0.001 0.001 0.001		0 0 0	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
Other Ascertainable Rec	ords							
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS	0.250 1.000 1.000 0.500		0 0 0 0	0 0 0 0	NR 0 0 0	NR 0 0 NR	NR NR NR NR	0 0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		Ō	NR	NR	NR	NR	Ō
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		Ō	NR	NR	NR	NR	Ō
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	Ō
MLTS	0.001		Õ	NR	NR	NR	NR	Õ
COAL ASH DOE	0.001		Ő	NR	NR	NR	NR	Õ
COAL ASH EPA	0.500		Ő	0	0	NR	NR	Õ
PCB TRANSFORMER	0.001		Ő	NR	NR	NR	NR	Õ
RADINEO	0.001		Õ	NR	NR	NR	NR	Õ
HIST FTTS	0.001		0	NR	NR	NR	NR	Ő
DOT OPS	0.001		Ő	NR	NR	NR	NR	Ő
CONSENT	1 000		Ő	0	0	0	NR	Ő
	1,000		0	0	0	0	NR	0
FUSRAP	1,000		0	0	0	0	NR	0
	0.500		0	0	0	NR	NR	0
	0.000		0			NR	NR	0
	0.001		0	NR	NR	NR	NR	0
	0.001		0				ND	0
	0.250		0	0			ND	0
FINDS	0.230		0				ND	0
	1 000		0					0
	0.001		0					0
ECHO	0.001		0					0
	0.001		0				ND	0
AIDS	0.230		0				ND	0
	0.001		0					0
	0.300		0	0			ND	0
Einangial Assurance	0.250		0					0
	0.001		0					0
	0.001		0				ND	0
	0.001		0					0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORIC	AL RECORDS							
EDR Exclusive Records	;							
	1 000		0	0	0	0		0
	1.000		U					U
	0.125		U					0
EDR HISt Cleaner	0.125		0	INK	INK	INR	INR	0
EDR RECOVERED GOVER	NMENT ARCHIV	VES						
Exclusive Recovered G	ovt. Archives							
RGA HWS	0.001		0	NR	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LF RGA LUST	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
- Totals		0	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Database(s) E

EDR ID Number EPA ID Number

NO SITES FOUND

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)

NO SITES FOUND

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/09/2021 Number of Days to Update: 26 Source: EPA Telephone: N/A Last EDR Contact: 04/01/2021 Next Scheduled EDR Contact: 07/12/2021 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 3 Telephone 215-814-5418

EPA Region 4 Telephone 404-562-8033

EPA Region 5 Telephone 312-886-6686

EPA Region 10 Telephone 206-553-8665 EPA Region 6 Telephone: 214-655-6659

EPA Region 7 Telephone: 913-551-7247

EPA Region 8 Telephone: 303-312-6774

EPA Region 9 Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/09/2021 Number of Days to Update: 26 Source: EPA Telephone: N/A Last EDR Contact: 04/01/2021 Next Scheduled EDR Contact: 07/12/2021 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 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994 Number of Days to Update: 56 Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011 Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/09/2021 Number of Days to Update: 26 Source: EPA Telephone: N/A Last EDR Contact: 04/01/2021 Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019 Date Data Arrived at EDR: 04/05/2019 Date Made Active in Reports: 05/14/2019 Number of Days to Update: 39 Source: Environmental Protection Agency Telephone: 703-603-8704 Last EDR Contact: 03/30/2021 Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/18/2021 Number of Days to Update: 35 Source: EPA Telephone: 800-424-9346 Last EDR Contact: 04/01/2021 Next Scheduled EDR Contact: 04/26/2021 Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/18/2021 Number of Days to Update: 35 Source: EPA Telephone: 800-424-9346 Last EDR Contact: 04/01/2021 Next Scheduled EDR Contact: 04/26/2021 Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/14/2020	Source: EPA
Date Data Arrived at EDR: 12/17/2020	Telephone: 800-424-9346
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 03/23/2021
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020 Number of Days to Update: 5 Source: Environmental Protection Agency Telephone: (404) 562-8651 Last EDR Contact: 03/23/2021 Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020 Number of Days to Update: 5 Source: Environmental Protection Agency Telephone: (404) 562-8651 Last EDR Contact: 03/23/2021 Next Scheduled EDR Contact: 07/05/2021 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: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020 Number of Days to Update: 5 Source: Environmental Protection Agency Telephone: (404) 562-8651 Last EDR Contact: 03/23/2021 Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020 Number of Days to Update: 5 Source: Environmental Protection Agency Telephone: (404) 562-8651 Last EDR Contact: 03/23/2021 Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 02/09/2021Source:Date Data Arrived at EDR: 02/11/2021TelephonDate Made Active in Reports: 03/22/2021Last EDRNumber of Days to Update: 39Next Sch

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 02/08/2021 Next Scheduled EDR Contact: 05/24/2021 Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/28/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2020	Telephone: 703-603-0695
Date Made Active in Reports: 11/18/2020	Last EDR Contact: 02/23/2021
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/06/2021
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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: 10/28/2020 Date Data Arrived at EDR: 11/05/2020 Date Made Active in Reports: 11/18/2020 Number of Days to Update: 13 Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 02/23/2021 Next Scheduled EDR Contact: 06/06/2021 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: 12/14/2020 Date Data Arrived at EDR: 12/15/2020 Date Made Active in Reports: 12/22/2020 Number of Days to Update: 7 Source: National Response Center, United States Coast Guard Telephone: 202-267-2180 Last EDR Contact: 12/15/2020 Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Quarterly

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: 07/01/2020	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/08/2020	Telephone: 404-657-8600
Date Made Active in Reports: 09/24/2020	Last EDR Contact: 03/19/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Annually

NON HSI: Non-Hazardous Site Inventory

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

Date of Government Version: 01/06/2021 Date Data Arrived at EDR: 01/20/2021 Date Made Active in Reports: 02/01/2021 Number of Days to Update: 12 Source: Rindt-McDuff Associates, Inc. Telephone: N/A Last EDR Contact: 04/05/2021 Next Scheduled EDR Contact: 07/19/2021 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: 10/11/2018 Date Data Arrived at EDR: 01/10/2019 Date Made Active in Reports: 04/10/2019 Number of Days to Update: 90 Source: Department of Natural Resources Telephone: 404-362-2696 Source: Center for GIS, Georgia Institute of Technology Telephone: 404-385-0900 Last EDR Contact: 01/29/2021 Next Scheduled EDR Contact: 05/10/2021 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.

	storage tank incidents. Not all states maintain	these records, and the information stored varies by
	Date of Government Version: 10/14/2020 Date Data Arrived at EDR: 12/08/2020 Date Made Active in Reports: 02/19/2021 Number of Days to Update: 73	Source: Environmental Protection Division Telephone: 404-362-2687 Last EDR Contact: 03/09/2021 Next Scheduled EDR Contact: 06/21/2021 Data Release Frequency: Quarterly
IND	IAN LUST R6: Leaking Underground Storage Ta LUSTs on Indian land in New Mexico and Okla	anks on Indian Land ahoma.
	Date of Government Version: 04/08/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020 Number of Days to Update: 84	Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 12/16/2020 Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies
IND	IAN LUST R9: Leaking Underground Storage T LUSTs on Indian land in Arizona, California, N	anks on Indian Land ew Mexico and Nevada
	Date of Government Version: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 86	Source: Environmental Protection Agency Telephone: 415-972-3372 Last EDR Contact: 12/16/2020 Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies
IND	IAN LUST R1: Leaking Underground Storage T A listing of leaking underground storage tank lo	anks on Indian Land ocations on Indian Land.
	Date of Government Version: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 86	Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 12/16/2020 Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies
IND	IAN LUST R4: Leaking Underground Storage T LUSTs on Indian land in Florida, Mississippi ar	anks on Indian Land nd North Carolina.
	Date of Government Version: 10/02/2020 Date Data Arrived at EDR: 12/18/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 84	Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 12/16/2020 Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies
IND	IAN LUST R7: Leaking Underground Storage Table LUSTs on Indian land in Iowa, Kansas, and Ne	anks on Indian Land ebraska
	Date of Government Version: 09/30/2020 Date Data Arrived at EDR: 12/22/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 80	Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 12/16/2020 Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies
IND	IAN LUST R10: Leaking Underground Storage - LUSTs on Indian land in Alaska, Idaho, Oregor	Tanks on Indian Land n and Washington.
	Date of Government Version: 11/12/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 86	Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 12/16/2020 Next Scheduled EDR Contact: 05/03/2021

Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.		
	Date of Government Version: 10/07/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 86	Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 12/16/2020 Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies
INDI	DIAN LUST R8: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.	
	Date of Government Version: 10/09/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 86	Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 12/16/2020 Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies
State	e and tribal registered storage tank lists	
FEMA UST: Underground Storage Tank Listing A listing of all FEMA owned underground storage tanks.		
	Date of Government Version: 01/29/2021 Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 03/22/2021 Number of Days to Update: 33	Source: FEMA Telephone: 202-646-5797 Last EDR Contact: 04/05/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Varies
UST:	IST: 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: 09/14/2020 Date Data Arrived at EDR: 12/08/2020 Date Made Active in Reports: 02/23/2021 Number of Days to Update: 77	Source: Environmental Protection Division Telephone: 404-362-2687 Last EDR Contact: 03/09/2021 Next Scheduled EDR Contact: 06/21/2021 Data Release Frequency: Annually
AST:	Above Ground Storage Tanks A listing of LP gas tank site locations.	
	Date of Government Version: 05/13/2020 Date Data Arrived at EDR: 05/14/2020 Date Made Active in Reports: 08/06/2020 Number of Days to Update: 84	Source: Office of Insurance & Safety Fire Commissioner Telephone: 404-656-5875 Last EDR Contact: 03/05/2021 Next Scheduled EDR Contact: 05/31/2021 Data Release Frequency: No Update Planned
INDIAN UST R4: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian Iand in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)		
	Date of Government Version: 10/02/2020 Date Data Arrived at EDR: 12/18/2020	Source: EPA Region 4 Telephone: 404-562-9424

Last EDR Contact: 12/16/2020

Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

Date Made Active in Reports: 03/12/2021

Number of Days to Update: 84

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

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 12/15/2020 Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2020 Date Data Arrived at EDR: 12/16/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 86 Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 12/16/2020 Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2020	Source: EPA Region 9
Date Data Arrived at EDR: 12/16/2020	Telephone: 415-972-3368
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 12/16/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 05/03/2021
	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: 09/30/2020 Date Data Arrived at EDR: 12/22/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 80 Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 12/16/2020 Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/07/2020	Source: EPA R
Date Data Arrived at EDR: 12/16/2020	Telephone: 312
Date Made Active in Reports: 03/12/2021	Last EDR Conta
Number of Days to Update: 86	Next Scheduled

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 12/16/2020 Next Scheduled EDR Contact: 05/03/2021 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: 04/08/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020 Number of Days to Update: 84 Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 12/16/2020 Next Scheduled EDR Contact: 05/03/2021 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).

Date of Government Version: 10/09/2020	Source: EPA Region 8	
Date Data Arrived at EDR: 12/16/2020	Telephone: 303-312-6137	
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 12/16/2020	
Number of Days to Update: 86	Next Scheduled EDR Contact: 05/03/2021	
	Data Release Frequency: Varies	
State and tribal institutional control / engineering control registries		

Source: Department of Natural Resources
Telephone: 404-657-8600
Last EDR Contact: 02/02/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

INST CONTROL: Public Record List

AUL: Uniform Environmental Covenants A list of environmental covenants

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: 11/02/2020	
Date Data Arrived at EDR: 11/03/2020	
Date Made Active in Reports: 01/21/2021	
Number of Days to Update: 79	

Source: Department of Natural Resources Telephone: 404-657-8600 Last EDR Contact: 02/02/2021 Next Scheduled EDR Contact: 05/17/2021 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

VCP: Voluntary Cleanup Program site

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

Date of Government Version: 06/26/2019	Source: DNR
Date Data Arrived at EDR: 08/27/2019	Telephone: 404-657-8600
Date Made Active in Reports: 10/28/2019	Last EDR Contact: 02/26/2021
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/06/2021
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015 Date Data Arrived at EDR: 09/29/2015 Date Made Active in Reports: 02/18/2016 Number of Days to Update: 142 Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 03/22/2021 Next Scheduled EDR Contact: 07/05/2021 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: 11/02/2020 Date Data Arrived at EDR: 11/03/2020 Date Made Active in Reports: 01/21/2021 Number of Days to Update: 79 Source: Department of Natural Resources Telephone: 404-657-8600 Last EDR Contact: 02/02/2021 Next Scheduled EDR Contact: 05/17/2021 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: 12/11/2020 Date Data Arrived at EDR: 12/11/2020 Date Made Active in Reports: 03/02/2021 Number of Days to Update: 81 Source: Environmental Protection Agency Telephone: 202-566-2777 Last EDR Contact: 03/16/2021 Next Scheduled EDR Contact: 06/28/2021 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Center Listing

A listing of recycling facility locations.

Date of Government Version: 12/17/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 03/09/2021 Number of Days to Update: 82

Source: Department of Community Affairs Telephone: 404-679-1598 Last EDR Contact: 03/24/2021 Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Varies

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

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: 01/25/2021 Next Scheduled EDR Contact: 05/10/2021 Data Release Frequency: Varies

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: 01/19/2021 Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: No Update Planned
ODI:	Open Dump Inventory	hat doop not comply with one or more of the Bart

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

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Serivces, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 01/29/2021
Number of Days to Update: 176	Next Scheduled EDR Contact: 05/10/2021
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/07/2020 Date Data Arrived at EDR: 12/09/2020 Date Made Active in Reports: 03/02/2021 Number of Days to Update: 83 Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 02/22/2021 Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of clandestine drug lab site locations in the state.

Date of Government Version: 06/02/2016 Date Data Arrived at EDR: 06/13/2016 Date Made Active in Reports: 08/15/2016 Number of Days to Update: 63 Source: Georgia Bureau of Investigation Telephone: 404-244-2639 Last EDR Contact: 02/22/2021 Next Scheduled EDR Contact: 05/24/2021 Data Release Frequency: Varies

DEL SHWS: Delisted Hazardous Site Inventory Listing A listing of sites delisted from the Hazardous Site Inventory.

Date of Government Version: 07/01/2020	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/08/2020	Telephone: 404-657-8636
Date Made Active in Reports: 09/24/2020	Last EDR Contact: 03/19/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Annually

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: 12/07/2020 Date Data Arrived at EDR: 12/09/2020 Date Made Active in Reports: 03/02/2021 Number of Days to Update: 83 Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 02/22/2021 Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/18/2021 Number of Days to Update: 35 Source: Environmental Protection Agency Telephone: 202-564-6023 Last EDR Contact: 04/01/2021 Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/16/2020	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/17/2020	Telephone: 202-366-4555
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 03/24/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

SPILLS: Spills Information

Oil or Hazardous Material Spills or Releases.

Date of Government Version: 12/17/2020	Source: Department of Natural Resources
Date Data Arrived at EDR: 12/18/2020	Telephone: 770-387-4900
Date Made Active in Reports: 12/31/2020	Last EDR Contact: 04/05/2021
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/04/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/11/2013 Number of Days to Update: 39 Source: FirstSearch Telephone: N/A Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 12/22/2020 Number of Days to Update: 5 Source: Environmental Protection Agency Telephone: (404) 562-8651 Last EDR Contact: 03/23/2021 Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Quarterly

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: 02/11/2021 Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 04/05/2021 Number of Days to Update: 47 Source: U.S. Army Corps of Engineers Telephone: 202-528-4285 Last EDR Contact: 02/17/2021 Next Scheduled EDR Contact: 05/31/2021 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: 01/15/2021 Next Scheduled EDR Contact: 04/26/2021 Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018 Date Data Arrived at EDR: 04/11/2018 Date Made Active in Reports: 11/06/2019 Number of Days to Update: 574 Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/05/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017 Date Data Arrived at EDR: 02/03/2017 Date Made Active in Reports: 04/07/2017 Number of Days to Update: 63 Source: Environmental Protection Agency Telephone: 615-532-8599 Last EDR Contact: 02/09/2021 Next Scheduled EDR Contact: 05/24/2021 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: 12/14/2020 Date Data Arrived at EDR: 12/17/2020 Date Made Active in Reports: 03/12/2021 Number of Days to Update: 85 Source: Environmental Protection Agency Telephone: 202-566-1917 Last EDR Contact: 03/23/2021 Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014 Number of Days to Update: 88 Source: Environmental Protection Agency Telephone: 617-520-3000 Last EDR Contact: 02/02/2021 Next Scheduled EDR Contact: 05/17/2021 Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018 Number of Days to Update: 73 Source: Environmental Protection Agency Telephone: 703-308-4044 Last EDR Contact: 02/05/2021 Next Scheduled EDR Contact: 05/17/2021 Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 06/17/2020 Date Made Active in Reports: 09/10/2020 Number of Days to Update: 85 Source: EPA Telephone: 202-260-5521 Last EDR Contact: 03/19/2021 Next Scheduled EDR Contact: 06/28/2021 Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 02/02/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/31/2021
	Data Release Frequency: Annually

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: 01/20/2021 Date Data Arrived at EDR: 01/21/2021 Date Made Active in Reports: 03/22/2021 Number of Days to Update: 60 Source: EPA Telephone: 202-564-4203 Last EDR Contact: 01/21/2021 Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 12/30/2020 Date Data Arrived at EDR: 01/14/2021 Date Made Active in Reports: 02/18/2021 Number of Days to Update: 35 Source: EPA Telephone: 703-416-0223 Last EDR Contact: 04/01/2021 Next Scheduled EDR Contact: 06/14/2021 Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2020 Date Data Arrived at EDR: 11/12/2020 Date Made Active in Reports: 01/25/2021 Number of Days to Update: 74 Source: Environmental Protection Agency Telephone: 202-564-8600 Last EDR Contact: 01/19/2021 Next Scheduled EDR Contact: 05/03/2021 Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995 Number of Days to Update: 35 Source: EPA Telephone: 202-564-4104 Last EDR Contact: 06/02/2008 Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: 202-564-6023
Date Made Active in Reports: 03/05/2021	Last EDR Contact: 03/11/2021
Number of Days to Update: 50	Next Scheduled EDR Contact: 05/17/2021
	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: 11/19/2020 Date Data Arrived at EDR: 01/08/2021 Date Made Active in Reports: 03/22/2021 Number of Days to Update: 73 Source: EPA Telephone: 202-566-0500 Last EDR Contact: 01/08/2021 Next Scheduled EDR Contact: 04/19/2021 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: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017 Number of Days to Update: 79 Source: Environmental Protection Agency Telephone: 202-564-2501 Last EDR Contact: 03/31/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

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: 08/18/2017 Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/05/2020	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/10/2020	Telephone: 301-415-7169
Date Made Active in Reports: 10/08/2020	Last EDR Contact: 01/19/2021
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2019	Source: Department of Energy
Date Data Arrived at EDR: 12/01/2020	Telephone: 202-586-8719
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 03/05/2021
Number of Days to Update: 70	Next Scheduled EDR Contact: 06/14/2021
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 01/12/2017 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 11/11/2019 Number of Days to Update: 251

Source: Environmental Protection Agency Telephone: N/A Last EDR Contact: 03/02/2021 Next Scheduled EDR Contact: 06/14/2021 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: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 02/05/2021
Number of Days to Update: 96	Next Scheduled EDR Contact: 05/17/2021
	Data Release Frequency: Varies

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: 07/01/2019 Date Data Arrived at EDR: 07/01/2019 Date Made Active in Reports: 09/23/2019 Number of Days to Update: 84

Source: Environmental Protection Agency Telephone: 202-343-9775 Last EDR Contact: 03/25/2021 Next Scheduled EDR Contact: 07/12/2021 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006 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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020	Source: Department of Transporation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 01/27/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/10/2021
	Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

	Date of Government Version: 12/31/2020 Date Data Arrived at EDR: 01/13/2021 Date Made Active in Reports: 03/22/2021 Number of Days to Update: 68	Source: Department of Justice, Consent Decree Library Telephone: Varies Last EDR Contact: 04/05/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Varies	
BRS	S: 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: 12/31/2017 Date Data Arrived at EDR: 06/22/2020 Date Made Active in Reports: 11/20/2020 Number of Days to Update: 151	Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 03/23/2021 Next Scheduled EDR Contact: 07/05/2021 Data Release Frequency: Biennially	
INDI	INDIAN RESERV: Indian Reservations This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.		
	Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/10/2017 Number of Days to Update: 546	Source: USGS Telephone: 202-208-3710 Last EDR Contact: 04/06/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semi-Annually	
FUSRAP: Formerly Utilized Sites Remedial Action Program DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.			
	Date of Government Version: 08/08/2017 Date Data Arrived at EDR: 09/11/2018 Date Made Active in Reports: 09/14/2018 Number of Days to Update: 3	Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 02/02/2021 Next Scheduled EDR Contact: 05/17/2021 Data Release Frequency: Varies	
UMTRA: Uranium Mill Tailings Sites Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.			
	Date of Government Version: 08/30/2019 Date Data Arrived at EDR: 11/15/2019 Date Made Active in Reports: 01/28/2020 Number of Days to Update: 74	Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 02/18/2021 Next Scheduled EDR Contact: 05/31/2021 Data Release Frequency: Varies	
LEAD SMELTER 1: Lead Smelter Sites A listing of former lead smelter site locations.			

Date of Government Version: 12/30/2020Source: Environmental Protection AgencyDate Data Arrived at EDR: 01/14/2021Telephone: 703-603-8787Date Made Active in Reports: 02/09/2021Last EDR Contact: 04/01/2021Number of Days to Update: 26Next Scheduled EDR Contact: 07/12/2021Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

Number of Days to Update: 78

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

	Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010 Number of Days to Update: 36	Source: American Journal of Public Health Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned	
US A	AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS) The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.		
	Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017 Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually	
US AIRS MINOR: Air Facility System Data A listing of minor source facilities.			
	Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017 Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually	
US N	US MINES: Mines Master Index File Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.		
	Date of Government Version: 11/03/2020 Date Data Arrived at EDR: 11/23/2020 Date Made Active in Reports: 01/25/2021 Number of Days to Update: 63	Source: Department of Labor, Mine Safety and Health Administration Telephone: 303-231-5959 Last EDR Contact: 02/24/2021 Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: Semi-Annually	
MINES VIOLATIONS: MSHA Violation Assessment Data Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.			
	Date of Government Version: 11/24/2020 Date Data Arrived at EDR: 11/30/2020 Date Made Active in Reports: 01/25/2021 Number of Days to Update: 56	Source: DOL, Mine Safety & Health Admi Telephone: 202-693-9424 Last EDR Contact: 03/01/2021 Next Scheduled EDR Contact: 06/14/2021 Data Release Frequency: Quarterly	
US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.			
	Date of Government Version: 05/06/2020 Date Data Arrived at EDR: 05/27/2020 Date Made Active in Reports: 08/13/2020	Source: USGS Telephone: 703-648-7709 Last EDR Contact: 02/26/2021	

Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011 Date Data Arrived at EDR: 06/08/2011 Date Made Active in Reports: 09/13/2011 Number of Days to Update: 97 Source: USGS Telephone: 703-648-7709 Last EDR Contact: 02/26/2021 Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/11/2020 Date Data Arrived at EDR: 12/11/2020 Date Made Active in Reports: 03/02/2021 Number of Days to Update: 81 Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 03/10/2021 Next Scheduled EDR Contact: 06/21/2021 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: 02/03/2021 Date Data Arrived at EDR: 03/03/2021 Date Made Active in Reports: 04/05/2021 Number of Days to Update: 33 Source: EPA Telephone: (404) 562-9900 Last EDR Contact: 03/03/2021 Next Scheduled EDR Contact: 06/14/2021 Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 07/02/2020 Date Made Active in Reports: 09/17/2020 Number of Days to Update: 77 Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 01/15/2021 Next Scheduled EDR Contact: 04/26/2021 Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 01/02/2021				
Date Data Arrived at EDR: 01/08/2021				
Date Made Active in Reports: 03/22/2021				
Number of Days to Update: 73				

Source: Environmental Protection Agency Telephone: 202-564-2280 Last EDR Contact: 04/06/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 11/03/2020 Date Data Arrived at EDR: 11/17/2020 Date Made Active in Reports: 02/09/2021 Number of Days to Update: 84	Source: Environmental Protection Agency Telephone: 202-564-0527 Last EDR Contact: 02/26/2021 Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: Varies		
ELS PROGRAM: EPA Fuels Program Registered Listing This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.			
Date of Government Version: 02/17/2021 Date Data Arrived at EDR: 02/17/2021 Date Made Active in Reports: 03/22/2021 Number of Days to Update: 33	Source: EPA Telephone: 800-385-6164 Last EDR Contact: 02/17/2021 Next Scheduled EDR Contact: 05/31/2021 Data Release Frequency: Quarterly		
AIRS: Permitted Facility & Emissions Listing A listing of permitted Air facilities and emissions data.			
Date of Government Version: 11/13/2020 Date Data Arrived at EDR: 11/13/2020 Date Made Active in Reports: 11/20/2020 Number of Days to Update: 7	Source: Department of Natural Resources Telephone: 404-363-7000 Last EDR Contact: 02/16/2021 Next Scheduled EDR Contact: 05/31/2021 Data Release Frequency: Varies		
COAL ASH: Coal Ash Disposal Site Listing A listing of coal ash landfills.			
Date of Government Version: 08/01/2014 Date Data Arrived at EDR: 08/05/2014 Date Made Active in Reports: 09/02/2014 Number of Days to Update: 28	Source: Department of Natural Resources Telephone: 404-362-2537 Last EDR Contact: 01/25/2021 Next Scheduled EDR Contact: 05/10/2021 Data Release Frequency: Varies		
DRYCLEANERS: Drycleaner Database A list of drycleaners in the state. The listing includes drycleaner facilities, that use perchloroethylene, that responded to the Notification of Compliance Status forms. It also includes those businesses that are pick-up stores only and do not conduct dry cleaning on site.			
Date of Government Version: 08/24/2020 Date Data Arrived at EDR: 10/30/2020 Date Made Active in Reports: 01/19/2021 Number of Days to Update: 81	Source: Department of Natural Resources Telephone: 404-363-7000 Last EDR Contact: 02/01/2021 Next Scheduled EDR Contact: 05/17/2021 Data Release Frequency: Varies		
Financial Assurance 1: Financial Assurance Information Listing A listing of financial assurance information for underground storage tank facilities.			
Date of Government Version: 03/12/2020 Date Data Arrived at EDR: 12/03/2020 Date Made Active in Reports: 02/19/2021 Number of Days to Update: 78	Source: Department of Natural Resources Telephone: 404-362-4892 Last EDR Contact: 03/08/2021 Next Scheduled EDR Contact: 06/21/2021 Data Release Frequency: Varies		
Financial Assurance 2: Financial Assurance Information Listing Financial assurance information listing for solid waste facilities.			
Date of Government Version: 07/08/2019 Date Data Arrived at EDR: 07/09/2019 Date Made Active in Reports: 08/26/2019 Number of Days to Update: 48	Source: Department of Natural Resources Telephone: 404-362-2537 Last EDR Contact: 04/05/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Varies		

NPDES: NPDES Wastewater Permit List A listing of NPDES wastewater permits issued by the Watershed Protection Branch.				
	Date of Government Version: 11/02/2020 Date Data Arrived at EDR: 11/05/2020 Date Made Active in Reports: 01/26/2021 Number of Days to Update: 82	Source: Department of Natural Resoruces Telephone: 404-362-2680 Last EDR Contact: 02/02/2021 Next Scheduled EDR Contact: 05/17/2021 Data Release Frequency: Varies		
TIER	R 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: 12/31/2019 Date Data Arrived at EDR: 08/21/2020 Date Made Active in Reports: 11/10/2020 Number of Days to Update: 81	Source: Department of Natural Resources Telephone: 404-656-4852 Last EDR Contact: 02/02/2021 Next Scheduled EDR Contact: 06/06/2021 Data Release Frequency: Annually		
UIC:	Underground Injection Control Underground injection control			
	Date of Government Version: 10/21/2020 Date Data Arrived at EDR: 10/22/2020 Date Made Active in Reports: 01/12/2021 Number of Days to Update: 82	Source: Department of Natural Resources Telephone: 404-463-2382 Last EDR Contact: 03/08/2021 Next Scheduled EDR Contact: 06/21/2021 Data Release Frequency: Varies		
PCS	ENF: Enforcement data No description is available for this data			
	Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 02/05/2015 Date Made Active in Reports: 03/06/2015 Number of Days to Update: 29	Source: EPA Telephone: 202-564-2497 Last EDR Contact: 03/31/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Varies		
PCS INACTIVE: Listing of Inactive PCS Permits An inactive permit is a facility that has shut down or is no longer discharging.				
	Date of Government Version: 11/05/2014 Date Data Arrived at EDR: 01/06/2015 Date Made Active in Reports: 05/06/2015 Number of Days to Update: 120	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 03/31/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semi-Annually		
PCS	S: Permit Compliance System PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.			
	Date of Government Version: 07/14/2011 Date Data Arrived at EDR: 08/05/2011 Date Made Active in Reports: 09/29/2011 Number of Days to Update: 55	Source: EPA, Office of Water Telephone: 202-564-2496 Last EDR Contact: 03/31/2021 Next Scheduled EDR Contact: 07/19/2021 Data Release Frequency: Semi-Annually		
MINES MRDS: Mineral Resources Data System Mineral Resources Data System				
	Date of Government Version: 04/06/2018 Date Data Arrived at EDR: 10/21/2019 Date Made Active in Reports: 10/24/2019 Number of Days to Update: 3	Source: USGS Telephone: 703-648-6533 Last EDR Contact: 02/26/2021 Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Varies		
EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Georgia.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/24/2013 Number of Days to Update: 176 Source: Department of Environmental Protection Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Georgia.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/13/2014 Number of Days to Update: 196 Source: Department of Natural Resources Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Environmental Protection Division in Georgia.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/24/2013 Number of Days to Update: 176 Source: Environmental Protection Division Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2020	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 10/20/2020	Telephone: 860-424-3375
Date Made Active in Reports: 11/02/2020	Last EDR Contact: 02/12/2021
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/24/2021
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 04/10/2019 Date Made Active in Reports: 05/16/2019 Number of Days to Update: 36 Source: Department of Environmental Protection Telephone: N/A Last EDR Contact: 01/08/2021 Next Scheduled EDR Contact: 04/19/2021 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2019 Date Data Arrived at EDR: 04/29/2020 Date Made Active in Reports: 07/10/2020 Number of Days to Update: 72

PA MANIFEST: Manifest Information Hazardous waste manifest information.

> Date of Government Version: 06/30/2018 Date Data Arrived at EDR: 07/19/2019 Date Made Active in Reports: 09/10/2019 Number of Days to Update: 53

RI MANIFEST: Manifest information Hazardous waste manifest information

> Date of Government Version: 12/31/2019 Date Data Arrived at EDR: 02/11/2021 Date Made Active in Reports: 02/24/2021 Number of Days to Update: 13

WI MANIFEST: Manifest Information Hazardous waste manifest information.

> Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 06/19/2019 Date Made Active in Reports: 09/03/2019 Number of Days to Update: 76

Source: Department of Environmental Conservation Telephone: 518-402-8651 Last EDR Contact: 01/29/2021 Next Scheduled EDR Contact: 05/10/2021 Data Release Frequency: Quarterly

Source: Department of Environmental Protection Telephone: 717-783-8990 Last EDR Contact: 01/11/2021 Next Scheduled EDR Contact: 04/26/2021 Data Release Frequency: Annually

Source: Department of Environmental Management Telephone: 401-222-2797 Last EDR Contact: 02/09/2021 Next Scheduled EDR Contact: 05/31/2021 Data Release Frequency: Annually

Source: Department of Natural Resources Telephone: N/A Last EDR Contact: 03/08/2021 Next Scheduled EDR Contact: 06/21/2021 Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals. Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA Telephone: 877-336-2627 Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Source: Georgia GIS Clearinghouse Telephone: 706-542-1581

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

© 2015 TomTom 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

CITY OF HOGANSVILLE - LAKE JIMMY JACKSON PARK 1430 BLUE CREEK ROAD HOGANSVILLE, GA 30230

TARGET PROPERTY COORDINATES

Latitude (North):	33.182869 - 33° 10' 58.33"
Longitude (West):	84.888454 - 84° 53' 18.43"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	696866.2
UTM Y (Meters):	3673354.2
Elevation:	714 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	6046902 HOGANSVILLE, GA
Version Date:	2014
East Map:	6045589 GRANTVILLE, GA
Version Date:	2014

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

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

- Groundwater flow direction, and
 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.

GROUNDWATER FLOW DIRECTION INFORMATION

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

TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General North

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

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

Flood Plain Panel at Target Property	FEMA Source Type
13077C0350D	FEMA FIRM Flood data
Additional Panels in search area:	FEMA Source Type
13077C0335D 13077C0355D 13077C0375D	FEMA FIRM Flood data FEMA FIRM Flood data FEMA FIRM Flood data
NATIONAL WETLAND INVENTORY	
	NWI Electronic
NWI Quad at Target Property	Data Coverage
HOGANSVILLE	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.

MAP ID Not Reported LOCATION FROM TP GENERAL DIRECTION GROUNDWATER FLOW

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

GEOLOGIC AGE IDENTIFICATION

Era:	Paleozoic	Category:	Metamorphic Rocks
System:	Pennsylvanian	•••	•
Series:	Felsic paragneiss and schist		
Code:	mm1 (decoded above as Era, System &	& Series)	

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).



SITE NAME:	City of Hogansville - Lake Jimmy Jackson Park
ADDITESS.	Hogansville GA 30230
LAT/LONG:	33.182869 / 84.888454

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:	Riverview
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:	Low
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 122 inches

Soil Layer Information							
Boundary Classification		ication	Saturated hydraulic				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	5 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6 Min: 4.5
2	5 inches	33 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6 Min: 4.5
3	33 inches	64 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: 42 Min: 14	Max: 6 Min: 4.5

Soil Map ID: 2

Soil Component Name:	Cecil
Soil Surface Texture:	sandy clay loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained
Hydric Status: Not hydric	
Corrosion Potential - Uncoated Steel:	High
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

Soil Layer Information							
Boundary			Classification		Saturated hvdraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	44 inches	72 inches	sandy 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
2	0 inches	5 inches	sandy 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
3	5 inches	44 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

Soil Map ID: 3

Soil Component Name:

Water

sandy clay loam

Soil Surface Texture:

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:	Pacolet
Soil Surface Texture:	sandy clay loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained
Hydric Status: Not hydric	
Corrosion Potential - Uncoated Steel:	High
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

Soil Layer Information							
	Bou	Indary	Classification		fication	Saturated hvdraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	5 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
2	5 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
3	27 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: 14 Min: 4	Max: 6 Min: 4.5

Soil Map ID: 5

Soil Component Name:	Cecil
Soil Surface Texture:	sandy clay loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained
Hydric Status: Not hydric	
Corrosion Potential - Uncoated Steel:	High
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hvdraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	53 inches	72 inches	sandy 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
2	0 inches	5 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	5 inches	53 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

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

DATABASE	SEARCH DISTANCE (miles)
Federal USGS Federal FRDS PWS	1.000 Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000262264	1/4 - 1/2 Mile WNW
A2	USGS40000262267	1/2 - 1 Mile ENE
A3	USGS40000262266	1/2 - 1 Mile ENE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP

No PWS System Found

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

STATE DATABASE WELL INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP
·····		

No Wells Found

PHYSICAL SETTING SOURCE MAP - 6440149.2s



ADDRESS: 1430 Blue Creek Road Hogansville GA 30230 CONTACT: Jake Irwin LAT/LONG: 33.182869 / 84.888454 INQUIRY #: 6440149.2s
--

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation

1 WNW 1/4 - 1/2 Mile Higher	
Organization ID:	
Monitor Location:	
Description	

Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Aquifer Type: Well Depth: Well Hole Depth:

A2 ENE 1/2 - 1 Mile Higher

Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Aquifer Type: Well Depth: Well Hole Depth:

A3 ENE 1/2 - 1 Mile Higher

Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Aquifer Type: Well Depth: Well Hole Depth: USGS-GA 06Z018 Not Reported Not Reported Not Reported Not Reported 400 400

USGS-GA

06Z007

Herndon

63

63

Not Reported

Not Reported

Not Reported

Not Reported

USGS-GA

Not Reported

Not Reported

Not Reported

Not Reported

Not Reported

400

400

06Z008

Organization Name: Type: HUC: Drainage Area Units:

Organization Name:

Drainage Area Units:

Formation Type:

Construction Date:

Well Hole Depth Units:

Well Depth Units:

Contrib Drainage Area Unts:

Type:

HUC:

HUC: Drainage Area Units: Contrib Drainage Area Unts: Formation Type: Construction Date: Well Depth Units: Well Hole Depth Units:

EDR ID Number

FED USGS USGS40000262264

USGS Georgia Water Science Center Well Not Reported Not Reported Saprolite 19970110 ft ft

FED USGS

Database

USGS40000262267

USGS Georgia Water Science Center Well Not Reported Not Reported Orystalline Rocks 19870522 ft ft

FED USGS U

S USGS40000262266

Organization Name:USGSType:WellHUC:Not ReDrainage Area Units:Not ReContrib Drainage Area Units:Not ReFormation Type:CrystaConstruction Date:19870Well Depth Units:ftWell Hole Depth Units:ft

USGS Georgia Water Science Center Well Not Reported Not Reported Orystalline Rocks 19870522 ft ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for TROUP 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: 30230

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.967 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA Telephone: 877-336-2627 Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Source: Georgia GIS Clearinghouse Telephone: 706-542-1581

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS) Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

USGS Water Wells: USGS National Water Inventory System (NWIS) This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Georgia Public Supply Wells Source: Georgia Department of Community Affairs Telephone: 404-894-0127

USGS Georgia Water Wells Source: USGS, Georgia District Office Telephone: 770-903-9100

OTHER STATE DATABASE INFORMATION

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.

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

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

private sources such as universities and research institutions.

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

© 2015 TomTom 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.