



COASTAL RESOURCES DIVISION  
ONE CONSERVATION WAY • BRUNSWICK, GA 31520 • 912-264-7218

WALTER RABON  
COMMISSIONER

DOUG HAYMANS  
DIRECTOR

**AUG 19 2024**

Andrew Burroughs  
Brunswick-Glynn Joint Water & Sewer Commission  
1703 Gloucester Street  
Brunswick, GA 31520

**Re: Letter of Permission (LOP) and Revocable License (RL) for Maintenance to an Existing Outfall, Academy Creek Wastewater Treatment Plant, Brunswick, Glynn County, Georgia (SAS-2023-00985)**

Dear Mr. Burroughs,

This Letter of Permission (LOP) is in response to your request, received March 20, 2024, on behalf of Brunswick-Glynn Joint Water & Sewer Commission, for maintenance to an existing outfall and associated bank stabilization, at the location specified above. The project will begin no sooner than fifteen (15) days from the receipt of this letter and be completed within six (6) months.

The existing structure consists of a headwall that supports a 36in. outfall pipe to Academy Creek. The headwall and surrounding bank are protected by rip rap. All existing structures are located within or directly adjacent to coastal marshlands. The existing headwall will be partially demolished and widened 10ft. to accommodate a new 36in. pipe within the existing impacted footprint. Approximately 10cu.yds. of existing rip rap must be removed to accommodate the wider headwall. Following installation of the new pipe and headwall, 10cu.yds of rip rap will be replaced at a minimum of 18-inches deep to stabilize the banks and channel bottom. Approximately 348.5sq.ft. (0.008 acres) of coastal marshlands within the already impacted footprint of the structure will be impacted. Temporary impacts within coastal marshlands will include placement of vehicles and erosion control measures totaling approximately 304.9sq.ft. (0.007 acres).

The Department authorizes maintenance of the outfall and rip rap in the current footprint as depicted in the attached description and drawings. No unauthorized equipment, materials, or debris may be placed in, disposed of, or stored in jurisdictional areas. All material removed must be disposed of at an appropriate upland disposal area. Any visible alterations in marsh topography will be restored immediately using low-impact hand tools. Any damage to the marsh vegetation that has not recovered naturally during the next growing season will be repaired by a method acceptable to the Department.

Please find enclosed a fully executed Revocable License (RL) for the project described above. This license serves as an authorization to utilize state owned tidal water bottoms for your project. Any change in the use, location, dimensions, or configuration of the approved project, without prior notification and approval from this office could result in revocation of this permission and in the required removal of the related structures. Tidal water bottoms and marshlands of coastal Georgia are public trust lands controlled by the State, except for such lands where a validated Crown Grant or State Grant exists.



This authorization does not relieve you from obtaining any other federal, state, or local permits. If you have any further questions or concerns regarding this or any other projects, please feel free to contact Paul Tobler at (912) 689-6261.

Sincerely,



Jill Andrews  
Chief, Coastal Management Section

Enclosures: Revocable License, Federal Consistency Certification Statement, Project Description, Drawings

Cc: Caitlin Roman  
Goodwyn Mills Cawood, LLC.  
801 Broad Street, Suite 900  
Augusta, GA 30901

[Shannon.K.Martig@usace.army.mil](mailto:Shannon.K.Martig@usace.army.mil)

File: LOP20240004



STATE OF GEORGIA

REVOCABLE LICENSE FOR THE USE OF TIDAL WATERBOTTOMS

APPLICANT NAME(S): Andrew Burroughs  
MAILING ADDRESS: 1703 Gloucester Street Brunswick GA 31520  
(Street) (City) (State) (Zip)  
PROJECT ADDRESS/LOCATION: 2909 Newcastle Street  
COUNTY: Glynn WATERWAY: Academy Creek  
LOT, BLOCK & SUBDIVISION NAME FROM DEED: B028-02 053-002

The State of Georgia hereby grants you a revocable license not coupled with an interest<sup>1</sup>. This area may now or in the future be utilized by boats employing power drawn nets under the provisions for commercial or sport bait shrimping. In its occupancy and use of the premises, licensee shall not discriminate against any person on the basis of race, gender, color, national origin, religion, age, or disability. This covenant by licensee may be enforced by termination of this license, by injunction, and/or by any other remedy available at law to the Georgia Department of Natural Resources.

Attached hereto and made a part of this license are the project description, drawing(s), and terms and conditions that are the subject of this license. The project approved for this license must be constructed and completed within the specified timeframe noted in the terms and conditions and must be maintained in serviceable condition. Otherwise, action will be initiated to revoke this license and all structures must be removed immediately at the licensee's expense.

STATE OF GEORGIA  
Office of the Governor

By:   
For: Walter Rabon  
Commissioner-DNR

Date: AUG 19 2024

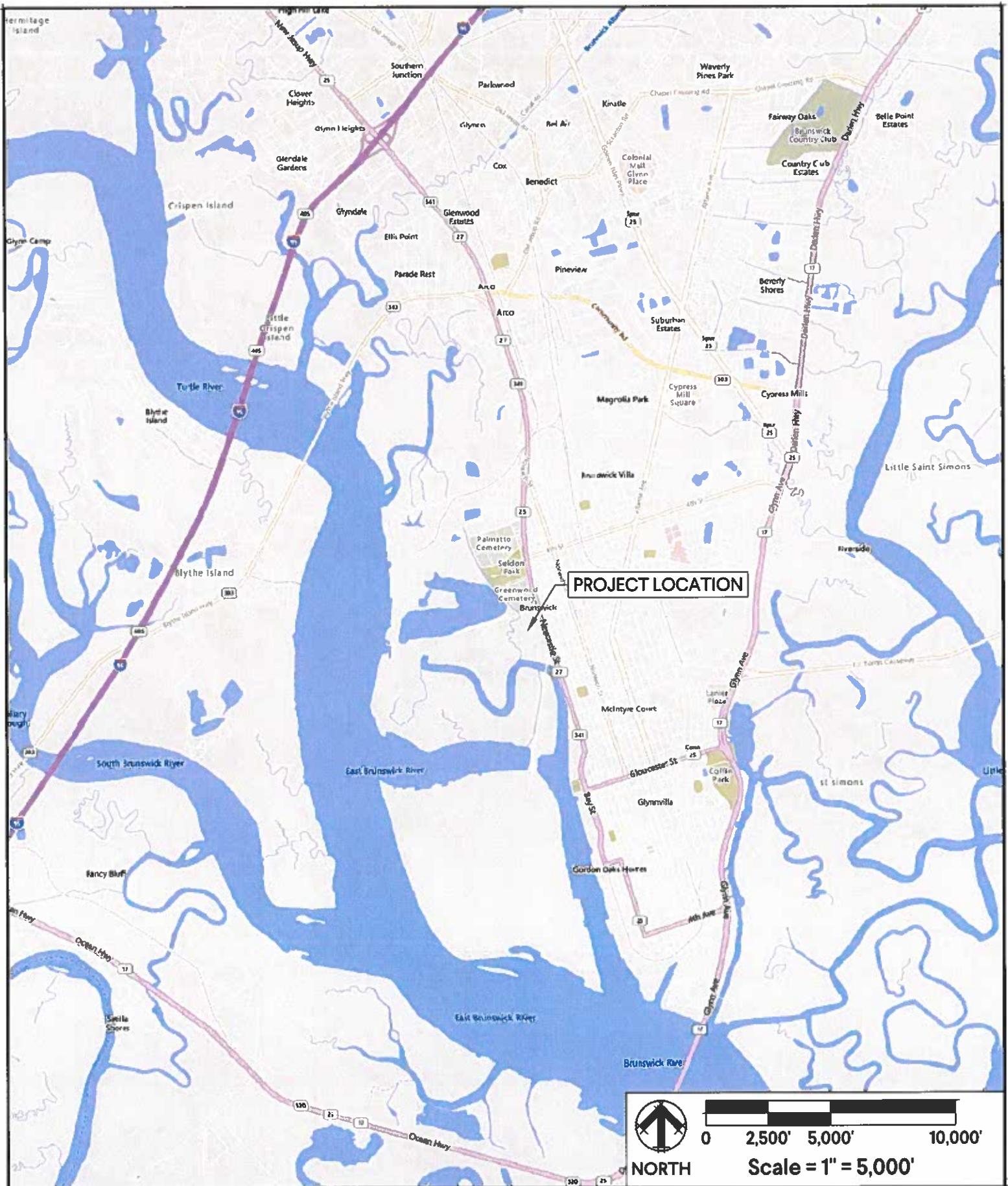
Enclosures:

LOP20240004

<sup>1</sup> Tidal water bottoms and marshlands of coastal Georgia are public trust lands owned by the State, except where ownership of such lands is demonstrated through an unbroken chain of title to a valid Crown or State Grant, which explicitly conveys the beds of such tidewaters. The Revocable License authorizes use of lands presumed to be owned by the State of Georgia, and which are under control of the State. This Revocable License is issued with the understanding and condition that it could be rendered invalid should another person demonstrate ownership to such lands pursuant to a valid Crown Grant or State Grant. This Revocable License is issued with the understanding that such lands are subject to the public trust doctrine.



## Figures



REF. SHEET: BING STREET MAP  
 DESCRIPTION: PRE-CONSTRUCTION NOTIFICATION

**ACADEMY CREEK WWTP IMPROVEMENTS**  
 BRUNSWICK, GLYNN COUNTY, GEORGIA

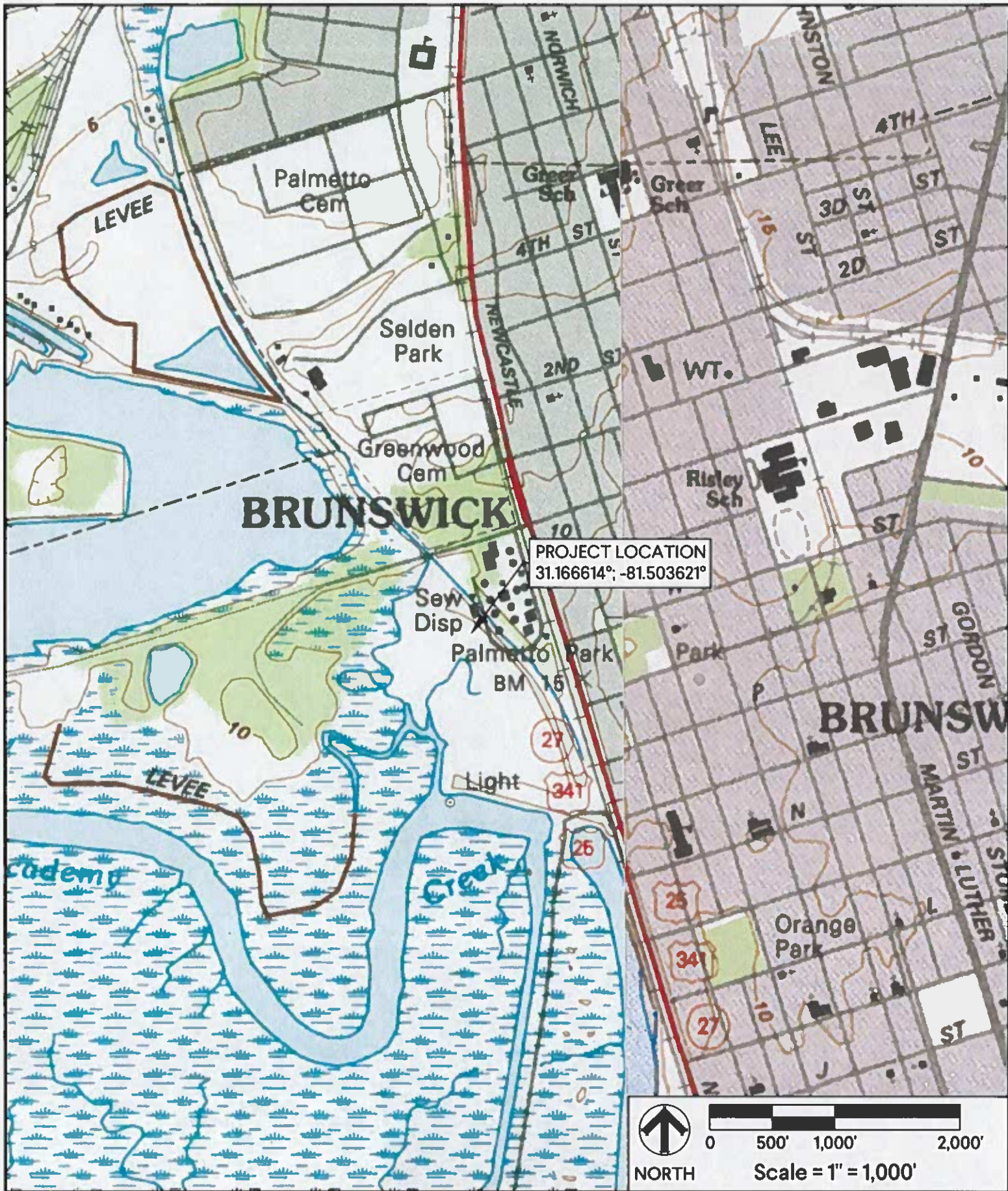
**FIGURE 1**

GENERAL LOCATION MAP  
 GMC # EAUG230009  
 DATE: 11/29/2023  
 DRAWN BY: GLB

801 Broad St., Suite 900  
 Augusta, GA 30901  
 T 706.303.3272  
 GMCNETWORK.COM







REF. SHEET: 1993 BRUNSWICK WEST, GA USGS QUADRANGLE MAP  
 DESCRIPTION: PRE-CONSTRUCTION NOTIFICATION

**ACADEMY CREEK WWTP IMPROVEMENTS**  
 BRUNSWICK, GLYNN COUNTY, GEORGIA

**FIGURE 2**

USGS QUADRANGLE MAP  
 GMC # EAUG230009  
 DATE: 11/29/2023  
 DRAWN BY: GLB

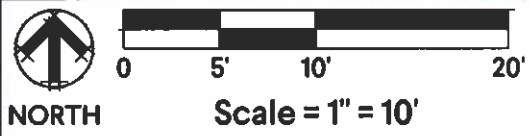
801 Broad St., Suite 900  
 Augusta, GA 30901  
 T 706.303.3272  
 GMCNETWORK.COM





HEADWALL WIDENING  
31.166614°; -81.503621°

APPROX. JURISDICTIONAL COASTAL MARSH LINE



REF. SHEET: BING AERIAL PHOTOGRAPH  
DESCRIPTION: PRE-CONSTRUCTION NOTIFICATION

**ACADEMY CREEK WWTP IMPROVEMENTS**  
BRUNSWICK, GLYNN COUNTY, GEORGIA

**FIGURE 3**

AERIAL PHOTOGRAPH  
GMC # EAUG230009  
DATE: 11/29/2023  
DRAWN BY: GLB

801 Broad St., Suite 900  
Augusta, GA 30901  
T 706.303.3272  
GMCNETWORK.COM



**Appendix A**

**NWP PCN Form (ENG Form 6082)**



NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY			
13. NAME OF WATERBODY, IF KNOWN ( <i>if applicable</i> ) Coastal Marsh		14. PROPOSED ACTIVITY STREET ADDRESS ( <i>if applicable</i> ) 2909 Newcastle Street	
15. LOCATION OF PROPOSED ACTIVITY ( <i>see instructions</i> )		City:	State: Zip:
Latitude center	*N 31.167438°	Longitude center	*W -81.503022°
		Brunswick	GA 31520
16. OTHER LOCATION DESCRIPTIONS, IF KNOWN ( <i>see instructions</i> )			
State Tax Parcel ID		Municipality Brunswick	
Section	Township	Range	
17. DIRECTIONS TO THE SITE. Take exit 36A off I-95 to merge onto US-25 S/US-341 S toward Brunswick. Pass T Street then the WWTP is on the right.			
18. IDENTIFY THE SPECIFIC NATIONWIDE PERMIT(S) YOU PROPOSE TO USE: Nationwide 3 - Maintenance			
19. DESCRIPTION OF PROPOSED NATIONWIDE PERMIT ACTIVITY ( <i>see instructions</i> ) The proposed project involves adding a 36-inch ductile iron pipe to an existing wastewater effluent outfall with an existing 36-inch ductile iron pipe. This will require widening of the existing headwall approximately 10-feet to install the new 36-inch ductile iron pipe parallel with the existing pipe, offset approximately 10-feet.			
20. DESCRIPTION OF PROPOSED MITIGATION MEASURES ( <i>see instructions</i> ) Due to the nature of the proposed activities, no other mitigation outside of avoidance and minimization is being proposed.			
21. PURPOSE OF NATIONWIDE PERMIT ACTIVITY ( <i>Describe the reason or purpose of the project, see instructions</i> ) The purpose of this project is to mitigate treatment issues caused by the tidal influence on the effluent discharge point.			
22. Quantity of Wetlands, Streams, or Other Types of Waters Directly Affected by Proposed Nationwide Permit Activity ( <i>see instructions</i> )			
Acre	Linear Feet	Cubic Yards Dredged or Discharged	
0.008 acres of coastal marsh			
Each PCN must include a delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and perennial, intermittent, and ephemeral streams, on the project site.			
23. List any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project on any related activity ( <i>see instructions</i> ) There are no other NWP(s), regional general permit(s), or individual permit(s) intended to be used to authorize any part of the proposed project or any related activity.			
24. If the proposed activity will result in the loss of greater than 1/10-acre of wetlands and requires pre-construction notification, explain how the compensatory mitigation requirement in paragraph (c) of general condition 23 will be satisfied, or explain why the adverse environmental effects are no more than minimal and why compensatory mitigation should not be required for the proposed activity. N/A			

25. Is Any Portion of the Nationwide Permit Activity Already Complete?  Yes  No If Yes, describe the completed work:

26. List the name(s) of any species listed as endangered or threatened under the Endangered Species Act that might be affected by the proposed NWP activity or utilize the designated critical habitat that might be affected by the proposed NWP activity. (see instructions)  
GMC utilized the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Conservation (IPaC) website to obtain a list of threatened and endangered species and potential critical habitat that may be present within the project area. The list provided nine (9) threatened species to consider: Trichechus manatus, Laterallus jamaicensis, Mycteria americana, Drymarchon couperi, Chelonia mydas, Eretmochelys imbricata, Lepidochelys kempii, Dermochelys coriacea, and Caretta caretta. There are no designated critical habitats within the project area. Please refer to the cover letter of this PCN submittal for more detailed information.

27. List any historic properties that have the potential to be affected by the proposed NWP activity or include a vicinity map indicating the location of the historic property or properties. (see instructions)  
There are no known historic structures or historic areas within the project area. A copy of the list of NRHP sites in Glynn County, GA and a NRHP map with the project location identified is provided as an attachment to the overall PCN submittal.

28. For a proposed NWP activity that will occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, identify the Wild and Scenic River or the "study river":  
N/A

29. If the proposed NWP activity also requires permission from the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers federally authorized civil works project, have you submitted a written request for section 408 permission from the Corps district having jurisdiction over that project?  Yes  No  
If "yes", please provide the date your request was submitted to the Corps District:

30. If the terms of the NWP(s) you want to use require additional information to be included in the PCN, please include that information in this space or provide it on an additional sheet of paper marked Block 30. (see instructions)  
The required additional information to be included in the PCN based on the proposed project activities is provided in the cover letter of the PCN submittal.

31. Pre-construction notification is hereby made for one or more nationwide permit(s) to authorize the work described in this notification. I certify that this information in this pre-construction notification is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

  
SIGNATURE OF APPLICANT

12-9-23  
DATE

  
SIGNATURE OF AGENT

12/5/2023  
DATE

The Pre-Construction Notification must be signed by the person who desires to undertake the proposed activity (applicant) and, if the statement in block 11 has been filled out and signed, the authorized agent.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.

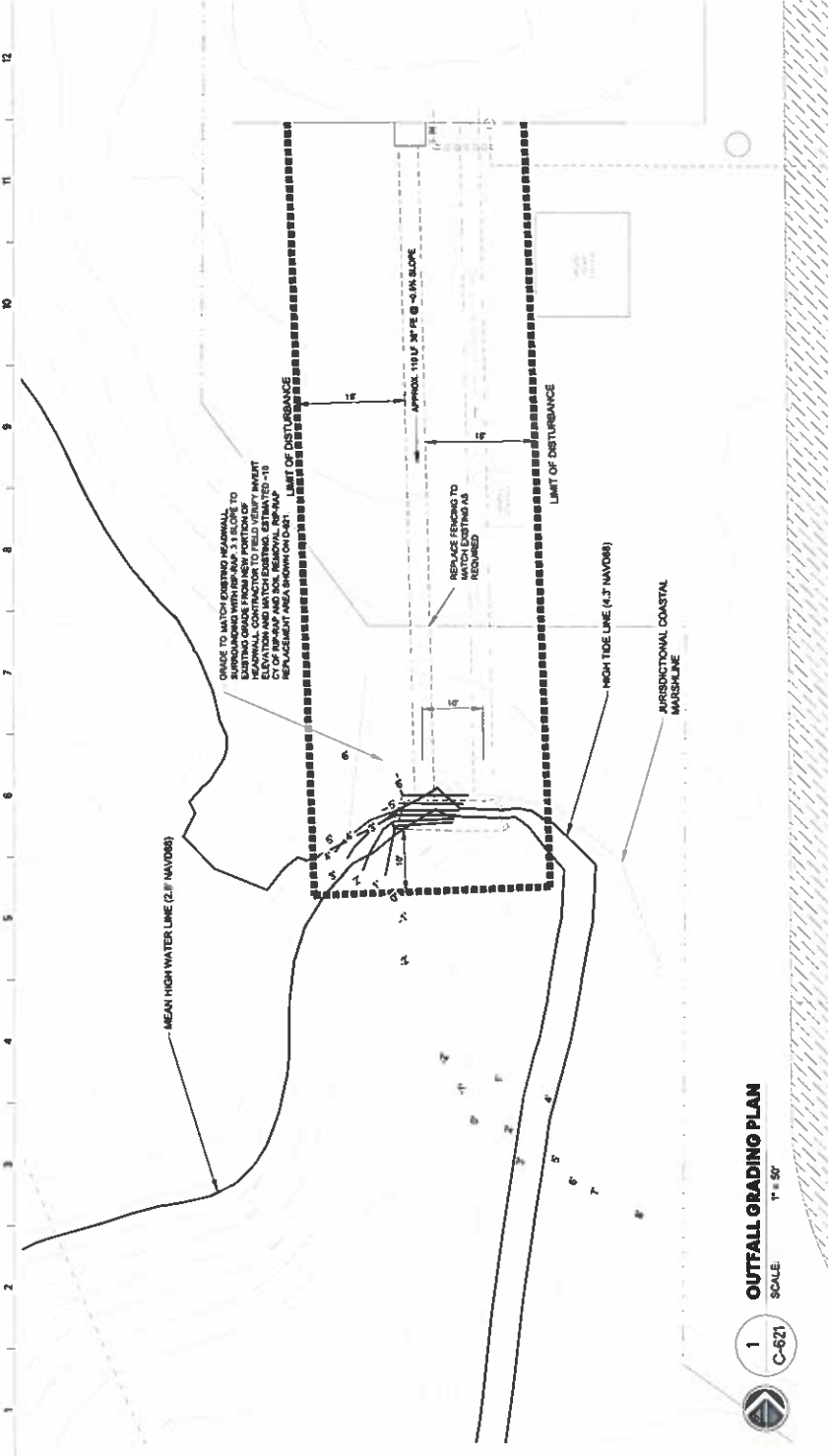
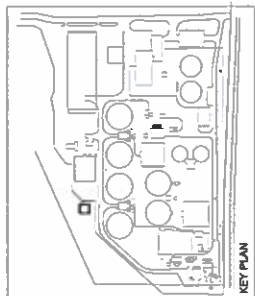
**Appendix B**  
**Project Diagrams**



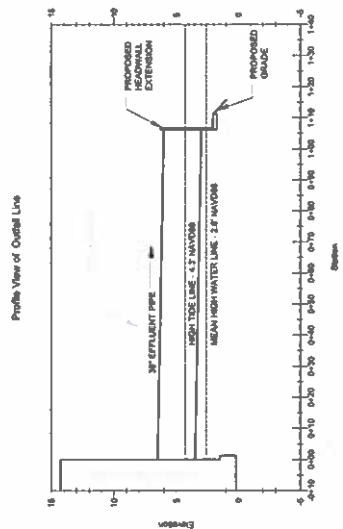
Project Manager:	
Designer:	
Checker:	
Drawn By:	
Issue Date:	10.14.2024
Rev:	01

2023 WPCF REHABILITATION  
ACADEMY CREEK - PHASE II  
BRANSWICK, GEORGIA  
BGJWSC Project #908  
GMC Project #CSAV190007

**C-621**  
**OUTFALL GRADING PLAN**



**1**  
**OUTFALL GRADING PLAN**  
SCALE: 1" = 50'



**1**  
**OUTFALL PROFILE**  
SCALE: HORIZ. 1" = 20' VERT. 1" = 5'

This drawing is not valid without the property of Cooper, Hill and Conrad, Inc. (CHC) and Cooper Hill and Conrad, LLC (CHCL). Under no circumstances shall the liability of any third party be assumed by CHC or CHCL. The user of this drawing is not intended to be used for any other purpose than that for which it was prepared. In the event that a conflict exists between the written description and the electronic files, the written description will prevail.





7 East Congress Street, Suite 504  
 Savannah, GA 31401  
 T 912.224.8877



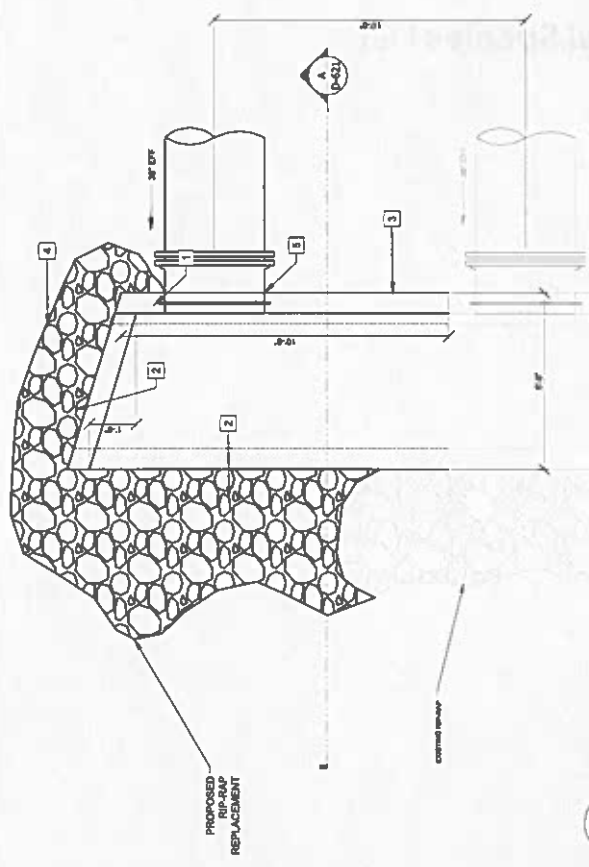
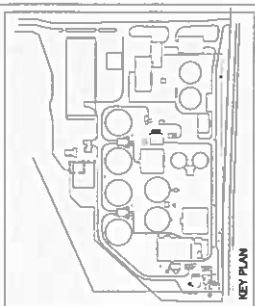
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REV 3	
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REV 6	
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REV 99	
REV 100	

2023 WPCF REHABILITATION  
 ACADEMY CREEK - PHASE II  
 BRANSWICK, GEORGIA  
 BGJWSC Project #908  
 GMC Project #CSAV190007

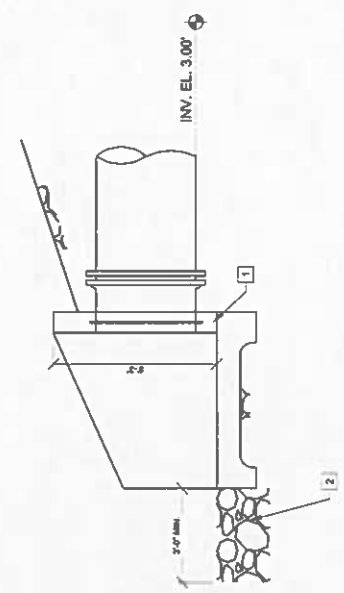
D-621

UV SYSTEM SECTIONS

- KEY NOTES:
1. NEW HEADWALL SECTION, MATCH EXISTING INVERT ELEVATION AND TOP OF WALL FIELD VERIFY.
  2. RIP-RAP MIN. 3' EACH SIDE 18" DEEP REPLACEMENT, APPROXIMATELY 2 SQUARE YARDS.
  3. SEE STRUCTURAL SHEETS FOR REINFORCEMENT DETAILS.
  4. SEE CIVIL SHEETS FOR GRADING PLAN.
  5. TYPE E PENETRATION D-601



1 PLAN  
 SCALE: 1/2" = 1'-0"



A SECTION  
 SCALE: 1/2" = 1'-0"

This drawing is not valid without the property of Geosynthetic, LLC and Geosynthetic, LLC. (GMC) and Geosynthetic, LLC. (GMC) and Geosynthetic, LLC. (GMC). Unintentional use of any part without the property of Geosynthetic, LLC and Geosynthetic, LLC. (GMC) and Geosynthetic, LLC. (GMC) is prohibited. In the event that a conflict arises between the related drawings and the associated text, the related drawings will prevail.

**Appendix C**  
**USFWS IPaC Official Species List**



## United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Georgia Ecological Services Field Office  
355 East Hancock Avenue  
Room 320  
Athens, GA 30601-2523  
Phone: (706) 613-9493 Fax: (706) 613-6059

In Reply Refer To:  
Project Code: 2024-0020059  
Project Name: Academy Creek WWTP

November 28, 2023

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

### To Whom It May Concern:

Thank you for your request for information on federally listed species and important wildlife habitats that may occur in your project area. The U.S. Fish and Wildlife Service (Service) has responsibility for certain species of wildlife under the Endangered Species Act (ESA) of 1973 as amended (16 USC 1531 et seq.), the Migratory Bird Treaty Act (MBTA) as amended (16 USC 701-715), Fish and Wildlife Coordination Act (FWCA) (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.) and the Bald and Golden Eagle Protection Act (BGEPA) as amended (16 USC 668-668c). We are providing the following guidance to assist you in determining which federally imperiled species may or may not occur within your project area and to recommend some conservation measures that can be included in your project design if you determine those species or designated critical habitat may be affected by your proposed project.

### **FEDERALLY-LISTED SPECIES AND DESIGNATED CRITICAL HABITAT**

Attached is a list of endangered, threatened, and proposed species that may occur in your project area. Your project area may not necessarily include all or any of these species. Under the ESA, it is the responsibility of the Federal action agency, project proponent, or their designated representative to determine if a proposed action "may affect" endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with the Service further. Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service, to make "no effect" determinations. If you determine that your proposed action will have "no effect" on threatened or endangered species or their respective critical habitat, you do not need to seek concurrence with the Service. Nevertheless, it is a violation of Federal law to harm or harass any federally listed threatened or endangered fish or wildlife species without the appropriate permit. If you need additional information to assist in your effect determination, please contact the Service.

If you determine that your proposed action may affect federally listed species, please consult with the Service. Through the consultation process, we will analyze information contained in a biological assessment or equivalent document that you provide. If your proposed action is associated with Federal funding or permitting, consultation will occur with the Federal agency under section 7(a)(2) of the ESA. Otherwise, an incidental take permit pursuant to section 10(a)(1)(B) of the ESA (also known as a Habitat Conservation Plan) may be necessary to exempt harm or harass federally listed threatened or endangered fish or wildlife species. For more information regarding formal consultation and HCPs, please see the Service's [Section 7 Consultation Library](#) and [Habitat Conservation Plans Library](#) Collections.

**Action Area.** The scope of federally listed species compliance not only includes direct effects, but also any indirect effects of project activities (e.g., equipment staging areas, offsite borrow material areas, or utility relocations). The action area is the spatial extent of an action's direct and indirect modifications or impacts to the land, water, or air (50 CFR 402.02). Large projects may have effects to land, water, or air outside the immediate footprint of the project, and these areas should be included as part of the action area. Effects to land, water, or air outside of a project footprint could include things like lighting, dust, smoke, and noise. To obtain a complete list of species, the action area should be uploaded or drawn in IPaC rather than just the project footprint.

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. An updated list may be requested through IPaC.

ESA Section 7 consultation (and related tools such as the EDGES and/or DKeys) apply to projects being permitted or funded by a Federal agency. However, please note that a lead federal agency may consider an action area that excludes portions of the project footprint. In these cases, further coordination with our office may be required to ensure compliance with the ESA. It is the responsibility of the project proponent to coordinate with the lead federal agency to understand the action and action area being reviewed as part of ESA Section 7 consultation.

**How to Submit a Project Review Package.** If you determine that your action may affect any federally listed species and would like technical assistance from our office, please send us a complete project review package. A step by step guide is available at the Georgia Ecological Services [Project Planning and Review](https://www.fws.gov/office/georgia-ecological-services/project-planning-review) page (<https://www.fws.gov/office/georgia-ecological-services/project-planning-review>).

Beginning April 1, 2023, requests for threatened and endangered species project reviews must be submitted to our office using the process described below. (If you are not emailing us to submit a project for review, your email will be forwarded to the appropriate staff.) This is a three-step process. All steps must be completed to ensure your project is reviewed by a biologist in our office and you receive a timely response. In brief the steps are:

**Step 1.** Request an official species list for your project through IPaC (Done!)

**Step 2.** Complete applicable Determination Keys

**Step 3.** Send your complete project review package to [GAES\\_Assistance@FWS.gov](mailto:GAES_Assistance@FWS.gov) for review if no DKey is applicable or all aspects of the project are not addressed by DKeys, i.e. a species returned by IPaC does not have a DKey to address impacts to it. A complete project review package should include:

1. A description of the proposed action, including any measures intended to avoid, minimize, or offset effects of the action. The description shall provide sufficient detail to assess the effects of the action on listed species and critical habitat, such as the purpose of the action; duration and timing of the action; location (latitude and longitude); specific activities involving disturbance to land, water, and air, and how they will be carried out; current description of areas to be affected directly or indirectly by the action; and maps, drawings, or similar schematics of the action.
2. An updated Official Species List and DKey results
3. Biological Assessments (may include habitat assessments and information on the presence of listed species in the action area);
4. Description of effects of the action on species in the action area and, if relevant, effect determinations for species and critical habitat;
5. Conservation measures and any other available information related to the nature and scope of the proposed action relevant to its effects on listed species or designated critical habitat (e.g., management plans related to stormwater, vegetation, erosion and sediment plans). Visit the [Georgia Conservation Planning Toolbox](https://www.fws.gov/story/conservation-tools-georgia) (<https://www.fws.gov/story/conservation-tools-georgia>) for information about conservation measures.
6. In the email subject line, use the following format to include the Project Code from your IPaC species list and the county in which the project is located (Example: Project Code: 2023-0049730 Gwinnett Co.). For Georgia Department of Transportation related projects, please work with the Office of Environmental Services ecologist to determine the appropriate USFWS transportation liaison.

The Georgia Ecological Services Field Office will send a response email within approximately 30 days of receipt with technical assistance or further recommendations for specific species.

## **WETLANDS AND FLOODPLAINS**

Under Executive Orders 11988 and 11990, Federal agencies are required to minimize the destruction, loss, or degradation of wetlands and floodplains, and preserve and enhance their natural and beneficial values. These habitats should be conserved through avoidance, or mitigated to ensure that there would be no net loss of wetlands function and value. We encourage you to use the National Wetland Inventory (NWI) maps in conjunction with ground-truthing to identify wetlands occurring in your project area. The Service's [NWI program website](https://www.fws.gov/program/national-wetlands-inventory) (<https://www.fws.gov/program/national-wetlands-inventory>) integrates digital map data with other resource information. We also recommend you contact the U.S. Army Corps of Engineers for

permitting requirements under section 404 of the Clean Water Act if your proposed action could impact floodplains or wetlands.

## **MIGRATORY BIRDS**

The MBTA prohibits the taking of migratory birds, nests, and eggs, except as permitted by the Service's [Migratory Birds Program](https://fws.gov/program/migratory-birds) (<https://fws.gov/program/migratory-birds>). To minimize the likelihood of adverse impacts to migratory birds, we recommend construction activities occur outside the general bird nesting season from March through August, or that areas proposed for construction during the nesting season be surveyed, and when occupied, avoided until the young have fledged.

We recommend review of Birds of Conservation Concern to fully evaluate the effects to the birds at your site. This list identifies birds that are potentially threatened by disturbance and construction. It can be found at the Service's [Migratory Birds Conservation Library Collection](https://fws.gov/library/collections/migratory-bird-conservation-documents) (<https://fws.gov/library/collections/migratory-bird-conservation-documents>).

Information related to best practices and migratory birds can be found at the Service's [Avoiding and Minimizing Incidental Take of Migratory Birds Library Collection](https://fws.gov/library/collections/avoiding-and-minimizing-incidentally-take-migratory-birds) (<https://fws.gov/library/collections/avoiding-and-minimizing-incidentally-take-migratory-birds>).

## **BALD AND GOLDEN EAGLES**

The bald eagle (*Haliaeetus leucocephalus*) was delisted under the ESA on August 9, 2007. Both the bald eagle and golden eagle (*Aquila chrysaetos*) are still protected under the MBTA and BGEPA. The BGEPA affords both eagles protection in addition to that provided by the MBTA, in particular, by making it unlawful to “disturb” eagles. Under the BGEPA, the Service may issue limited permits to incidentally “take” eagles (e.g., injury, interfering with normal breeding, feeding, or sheltering behavior nest abandonment). For information on bald and golden eagle management guidelines, we recommend you review information provided at the Service's [Bald and Golden Eagle Management Library Collection](https://fws.gov/library/collections/bald-and-golden-eagle-management) (<https://fws.gov/library/collections/bald-and-golden-eagle-management>).

## **NATIVE BATS**

If your species list includes Indiana bat (*Myotis sodalis*) or northern long-eared bat (*M. septentrionalis*) and the project is expected to impact forested habitat that is appropriate for maternity colonies of these species, forest clearing should occur outside of the period when bats may be present. Federally listed bats could be actively present in forested landscapes from April 1 to October 15 of any year and have non-volant pups from May 15 to July 31 in any year. Non-volant pups are incapable of flight and are vulnerable to disturbance during that time.

Indiana, northern long-eared, and gray (*M. grisescens*) bats are all known to utilize bridges and culverts in Georgia. If your project includes maintenance, construction, or any other modification or demolition to transportation structures, a qualified individual should complete a survey of these structures for bats and submit your findings via the Georgia Bats in Bridges cell phone application, free on Apple and Android devices. Please include these findings in any biological

assessment(s) or other documentation that is submitted to our office for technical assistance or consultation.

Additional information can be found at Georgia Ecological Services' [Conservation Planning Toolbox](#) and [Bat Conservation in Georgia](#) pages.

### **MONARCH BUTTERFLY**

On December 20, 2020, the Service determined that listing the Monarch butterfly (*Danaus plexippus*) under the Endangered Species Act is warranted but precluded at this time by higher priority listing actions. With this finding, the monarch butterfly becomes a candidate for listing. The Service will review its status each year until we are able to begin developing a proposal to list the monarch.

As it is a candidate for listing, the Service welcomes conservation measures for this species. Recommended, and voluntary, conservation measures for projects in Georgia can be found at our [Monarch Conservation in Georgia](https://www.fws.gov/project/monarch-conservation-georgia) (<https://www.fws.gov/project/monarch-conservation-georgia>) page.

### **EASTERN INDIGO SNAKE**

Our office has published guidance documents to assist project proponents in avoiding and minimizing potential impact to the eastern indigo snake. The [Visual Encounter Survey Protocol for the Eastern Indigo Snake \(\*Drymarchon couperi\*\) in Georgia](#) is recommended for project proponents or their designees to evaluate the possible presence of the Eastern indigo snake at a proposed project site. The [Standard Protection Measures for the Eastern Indigo Snake \(\*Drymarchon couperi\*\)](#) include educational materials and training that can help protect the species by making staff working on a project site aware of their presence and traits. In Georgia, indigo snakes are closely associated with the state-listed gopher tortoise (*Gopherus polyphemus*), a reptile that excavates extensive underground burrows that provide the snake shelter from winter cold and summer desiccation.

### **SOLAR ENERGY DEVELOPMENT**

The [Recommended Practices for the Responsible Siting and Design of Solar Development in Georgia](#) were published in September 2023 and are intended to provide voluntary guidance to support consideration of natural resources during the development of photovoltaic solar in Georgia. Furthermore, the Georgia Low Impact Solar Siting Tool (LISST) is available as a [web application](#) and as a map layer in IPaC (Find it in the "Layers" Box > "Environmental Data") to provide project managers with the data to identify areas that may be preferred for low-impact development. The tool seeks to support the acceleration of large-scale solar development in areas with less impact to the environment.

### **STATE AGENCY COORDINATION**

Additional information that addresses at-risk or high priority natural resources can be found in the State Wildlife Action Plan (<https://georgiawildlife.com/WildlifeActionPlan>), at Georgia Department of Natural Resources, Wildlife Resources Division Biodiversity Portal (<https://georgiawildlife.com/conservation/species-of-concern>), Georgia's Natural, Archaeological, and

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Historic Resources GIS portal (<https://www.gnahrgis.org/gnahrgis/index.do>), and the [Georgia Ecological Services HUC10 Watershed Guidance](#) page.

Thank you for your concern for endangered and threatened species. We appreciate your efforts to identify and avoid impacts to listed and sensitive species in your project area. For further consultation on your proposed activity, please email [gaes\\_assistance@fws.gov](mailto:gaes_assistance@fws.gov) and reference the project county and your Service Project Tracking Number.

This letter constitutes Georgia Ecological Services' general comments under the authority of the Endangered Species Act.

Attachment(s):

- Official Species List
- Bald & Golden Eagles
- Migratory Birds
- Marine Mammals
- Wetlands

## OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**Georgia Ecological Services Field Office**  
355 East Hancock Avenue  
Room 320  
Athens, GA 30601-2523  
(706) 613-9493

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## PROJECT SUMMARY

Project Code: 2024-0020059  
Project Name: Academy Creek WWTP  
Project Type: Wastewater Pipeline - Maintenance / Modification - Below Ground  
Project Description: Maintenance  
Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@31.16670465,-81.50368327629627,14z>



Counties: Glynn County, Georgia

## ENDANGERED SPECIES ACT SPECIES

There is a total of 10 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

## MAMMALS

NAME	STATUS
West Indian Manatee <i>Trichechus manatus</i> There is <b>final</b> critical habitat for this species. Your location does not overlap the critical habitat. <b><i>This species is also protected by the Marine Mammal Protection Act, and may have additional consultation requirements.</i></b> Species profile: <a href="https://ecos.fws.gov/ecp/species/4469">https://ecos.fws.gov/ecp/species/4469</a>	Threatened

## BIRDS

NAME	STATUS
Eastern Black Rail <i>Laterallus jamaicensis ssp. jamaicensis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/10477">https://ecos.fws.gov/ecp/species/10477</a>	Threatened
Wood Stork <i>Mycteria americana</i> Population: AL, FL, GA, MS, NC, SC No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/8477">https://ecos.fws.gov/ecp/species/8477</a>	Threatened

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## REPTILES

NAME	STATUS
Eastern Indigo Snake <i>Drymarchon couperi</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/646">https://ecos.fws.gov/ecp/species/646</a>	Threatened
Green Sea Turtle <i>Chelonia mydas</i> Population: North Atlantic DPS There is <b>final</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/6199">https://ecos.fws.gov/ecp/species/6199</a>	Threatened
Hawksbill Sea Turtle <i>Eretmochelys imbricata</i> There is <b>final</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/3656">https://ecos.fws.gov/ecp/species/3656</a>	Endangered
Kemp's Ridley Sea Turtle <i>Lepidochelys kempii</i> There is <b>proposed</b> critical habitat for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/5523">https://ecos.fws.gov/ecp/species/5523</a>	Endangered
Leatherback Sea Turtle <i>Dermochelys coriacea</i> There is <b>final</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/1493">https://ecos.fws.gov/ecp/species/1493</a>	Endangered
Loggerhead Sea Turtle <i>Caretta caretta</i> Population: Northwest Atlantic Ocean DPS There is <b>final</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/1110">https://ecos.fws.gov/ecp/species/1110</a>	Threatened

## INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Candidate

## CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

## BALD & GOLDEN EAGLES

Bald and golden eagles are protected under the Bald and Golden Eagle Protection Act<sup>1</sup> and the Migratory Bird Treaty Act<sup>2</sup>.

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats<sup>3</sup>, should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The [Bald and Golden Eagle Protection Act](#) of 1940.
2. The [Migratory Birds Treaty Act](#) of 1918.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

### There are bald and/or golden eagles in your project area.

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
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. <a href="https://ecos.fws.gov/ecp/species/1626">https://ecos.fws.gov/ecp/species/1626</a>	Breeds Sep 1 to Jul 31

## 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 the supplemental information and specifically the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

### Probability of Presence (■)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

### Breeding Season (■)

Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

### Survey Effort (|)

Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

### No Data (—)

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

■ probability of presence   ■ breeding season   | survey effort   — no data



Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

## MIGRATORY BIRDS

Certain birds are protected under the Migratory Bird Treaty Act<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats<sup>3</sup> should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

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
American Kestrel <i>Falco sparverius paulus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA <a href="https://ecos.fws.gov/ecp/species/9587">https://ecos.fws.gov/ecp/species/9587</a>	Breeds Apr 1 to Aug 31

NAME	BREEDING SEASON
<b>American Oystercatcher <i>Haematopus palliatus</i></b> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <a href="https://ecos.fws.gov/ecp/species/8935">https://ecos.fws.gov/ecp/species/8935</a>	Breeds Apr 15 to Aug 31
<b>Bald Eagle <i>Haliaeetus leucocephalus</i></b> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. <a href="https://ecos.fws.gov/ecp/species/1626">https://ecos.fws.gov/ecp/species/1626</a>	Breeds Sep 1 to Jul 31
<b>Black Skimmer <i>Rynchops niger</i></b> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <a href="https://ecos.fws.gov/ecp/species/5234">https://ecos.fws.gov/ecp/species/5234</a>	Breeds May 20 to Sep 15
<b>Brown-headed Nuthatch <i>Sitta pusilla</i></b> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA <a href="https://ecos.fws.gov/ecp/species/9427">https://ecos.fws.gov/ecp/species/9427</a>	Breeds Mar 1 to Jul 15
<b>Chimney Swift <i>Chaetura pelagica</i></b> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <a href="https://ecos.fws.gov/ecp/species/9406">https://ecos.fws.gov/ecp/species/9406</a>	Breeds Mar 15 to Aug 25
<b>Coastal (waynes) Black-throated Green Warbler <i>Setophaga virens waynei</i></b> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA <a href="https://ecos.fws.gov/ecp/species/11879">https://ecos.fws.gov/ecp/species/11879</a>	Breeds May 1 to Aug 15
<b>Gull-billed Tern <i>Gelochelidon nilotica</i></b> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <a href="https://ecos.fws.gov/ecp/species/9501">https://ecos.fws.gov/ecp/species/9501</a>	Breeds May 1 to Jul 31
<b>King Rail <i>Rallus elegans</i></b> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <a href="https://ecos.fws.gov/ecp/species/8936">https://ecos.fws.gov/ecp/species/8936</a>	Breeds May 1 to Sep 5
<b>Lesser Yellowlegs <i>Tringa flavipes</i></b> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <a href="https://ecos.fws.gov/ecp/species/9679">https://ecos.fws.gov/ecp/species/9679</a>	Breeds elsewhere
<b>Marbled Godwit <i>Limosa fedoa</i></b> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <a href="https://ecos.fws.gov/ecp/species/9481">https://ecos.fws.gov/ecp/species/9481</a>	Breeds elsewhere

NAME	BREEDING SEASON
<p><b>Painted Bunting</b> <i>Passerina ciris</i>            This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA  <a href="https://ecos.fws.gov/ecp/species/9511">https://ecos.fws.gov/ecp/species/9511</a></p>	Breeds Apr 25 to Aug 15
<p><b>Pectoral Sandpiper</b> <i>Calidris melanotos</i>            This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.  <a href="https://ecos.fws.gov/ecp/species/9561">https://ecos.fws.gov/ecp/species/9561</a></p>	Breeds elsewhere
<p><b>Prairie Warbler</b> <i>Dendroica discolor</i>            This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.  <a href="https://ecos.fws.gov/ecp/species/9513">https://ecos.fws.gov/ecp/species/9513</a></p>	Breeds May 1 to Jul 31
<p><b>Red-headed Woodpecker</b> <i>Melanerpes erythrocephalus</i>            This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.  <a href="https://ecos.fws.gov/ecp/species/9398">https://ecos.fws.gov/ecp/species/9398</a></p>	Breeds May 10 to Sep 10
<p><b>Ruddy Turnstone</b> <i>Arenaria interpres morinella</i>            This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA  <a href="https://ecos.fws.gov/ecp/species/10633">https://ecos.fws.gov/ecp/species/10633</a></p>	Breeds elsewhere
<p><b>Saltmarsh Sparrow</b> <i>Ammodramus caudacutus</i>            This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.  <a href="https://ecos.fws.gov/ecp/species/9719">https://ecos.fws.gov/ecp/species/9719</a></p>	Breeds May 15 to Sep 5
<p><b>Short-billed Dowitcher</b> <i>Limnodromus griseus</i>            This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.  <a href="https://ecos.fws.gov/ecp/species/9480">https://ecos.fws.gov/ecp/species/9480</a></p>	Breeds elsewhere
<p><b>Swallow-tailed Kite</b> <i>Elanoides forficatus</i>            This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.  <a href="https://ecos.fws.gov/ecp/species/8938">https://ecos.fws.gov/ecp/species/8938</a></p>	Breeds Mar 10 to Jun 30
<p><b>Willet</b> <i>Tringa semipalmata</i>            This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.  <a href="https://ecos.fws.gov/ecp/species/10669">https://ecos.fws.gov/ecp/species/10669</a></p>	Breeds Apr 20 to Aug 5
<p><b>Wilson's Plover</b> <i>Charadrius wilsonia</i>            This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.  <a href="https://ecos.fws.gov/ecp/species/9722">https://ecos.fws.gov/ecp/species/9722</a></p>	Breeds Apr 1 to Aug 20

## 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 the supplemental information and specifically the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

### Probability of Presence (■)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

### Breeding Season (■)

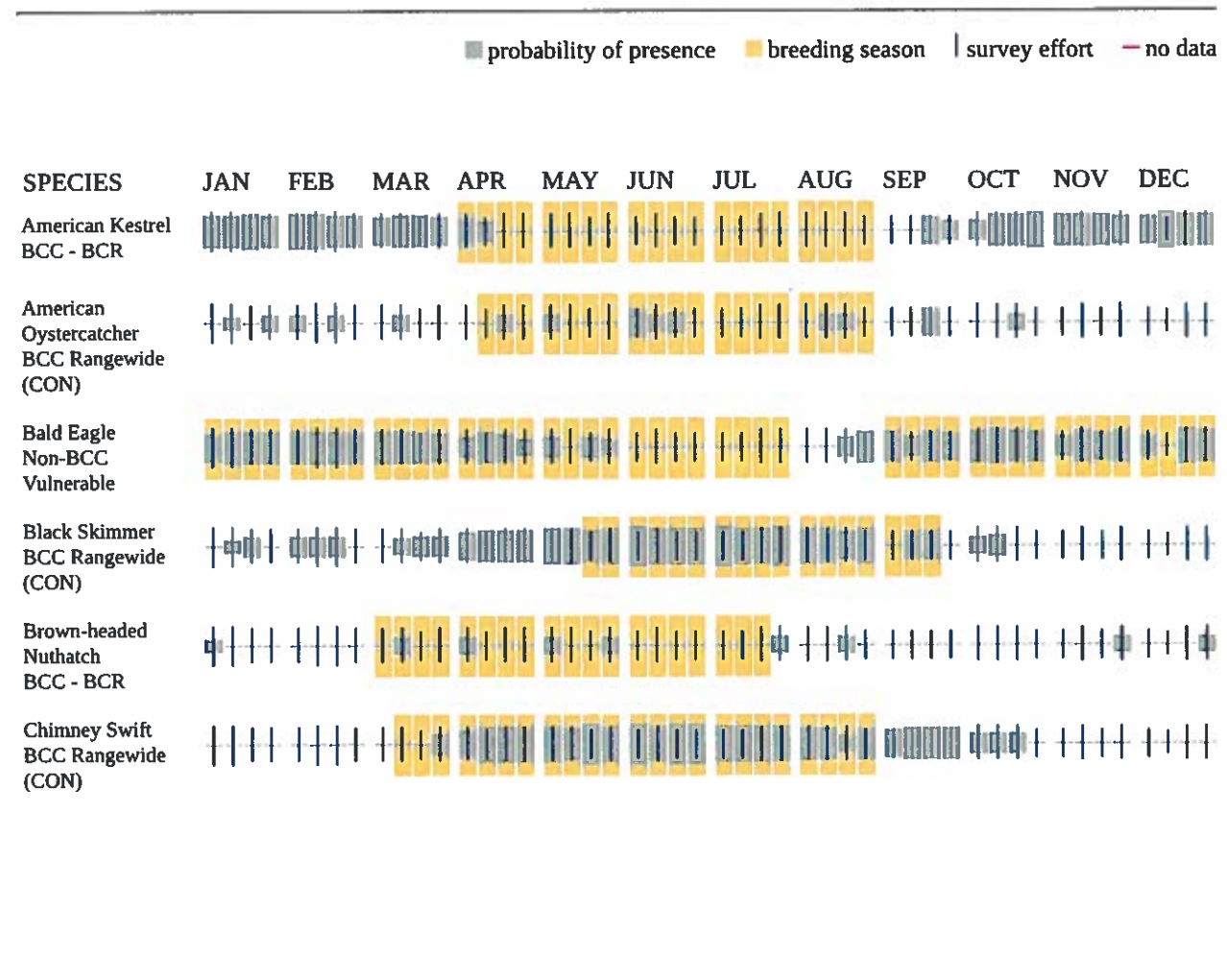
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

### Survey Effort (|)

Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

### No Data (-)

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







Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

## MARINE MAMMALS

Marine mammals are protected under the [Marine Mammal Protection Act](#). Some are also protected under the Endangered Species Act<sup>1</sup> and the Convention on International Trade in Endangered Species of Wild Fauna and Flora<sup>2</sup>.

The responsibilities for the protection, conservation, and management of marine mammals are shared by the U.S. Fish and Wildlife Service [responsible for otters, walrus, polar bears, manatees, and dugongs] and NOAA Fisheries<sup>3</sup> [responsible for seals, sea lions, whales, dolphins, and porpoises]. Marine mammals under the responsibility of NOAA Fisheries are **not** shown on this list; for additional information on those species please visit the [Marine Mammals](#) page of the NOAA Fisheries website.

The Marine Mammal Protection Act prohibits the take of marine mammals and further coordination may be necessary for project evaluation. Please contact the U.S. Fish and Wildlife Service Field Office shown.

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1. The [Endangered Species Act](#) (ESA) of 1973.
  2. The [Convention on International Trade in Endangered Species of Wild Fauna and Flora](#) (CITES) is a treaty to ensure that international trade in plants and animals does not threaten their survival in the wild.
  3. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

NAME

West Indian Manatee *Trichechus manatus*

Species profile: <https://ecos.fws.gov/ecp/species/4469>

## WETLANDS

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

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For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

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.

**ESTUARINE AND MARINE WETLAND**

- E2EM1N

**ESTUARINE AND MARINE DEEPWATER**

- E1UBL
-

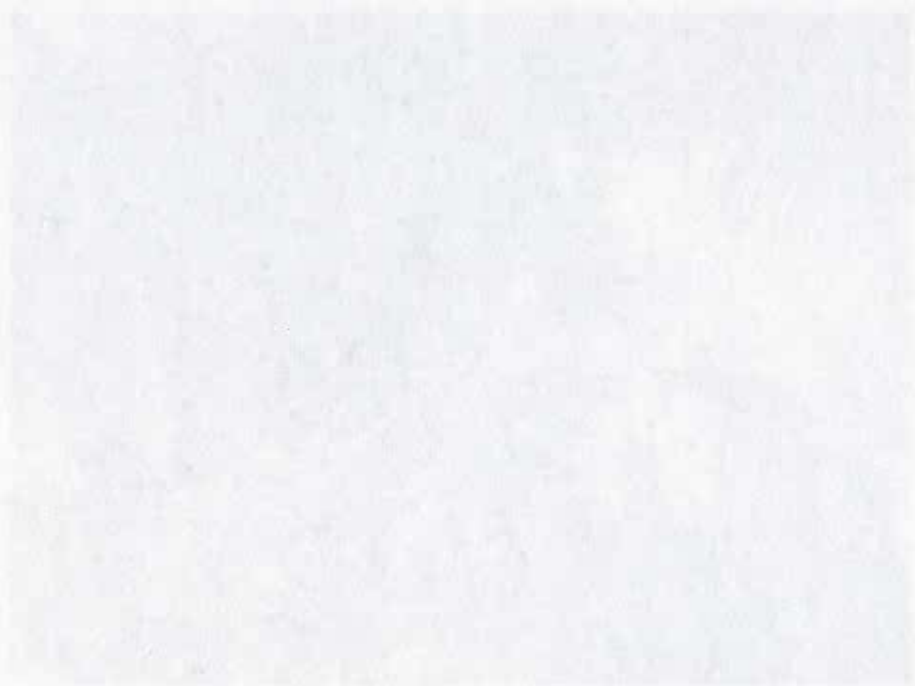
## **IPAC USER CONTACT INFORMATION**

Agency: Brunswick city  
Name: Caitlin Roman  
Address: 801 East Broad Street  
City: Augusta  
State: GA  
Zip: 30901  
Email: caitlin.clack@gmail.com  
Phone: 7022853496

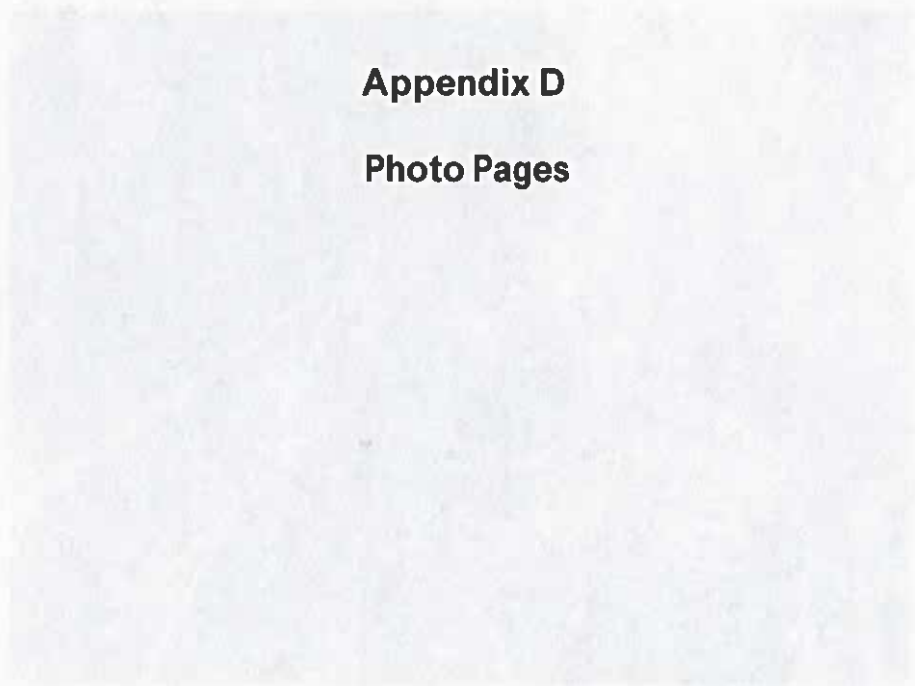
## **LEAD AGENCY CONTACT INFORMATION**

Lead Agency: Brunswick city

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1-2



1-3

**Appendix D**

**Photo Pages**

1-4

P-1



View of existing effluent structure facing Southwest.

P-2



View of existing effluent structure and rip rap-reinforced area facing Southwest.

P-3



View of existing effluent structure and rip rap-reinforced area facing Southeast.

P-4

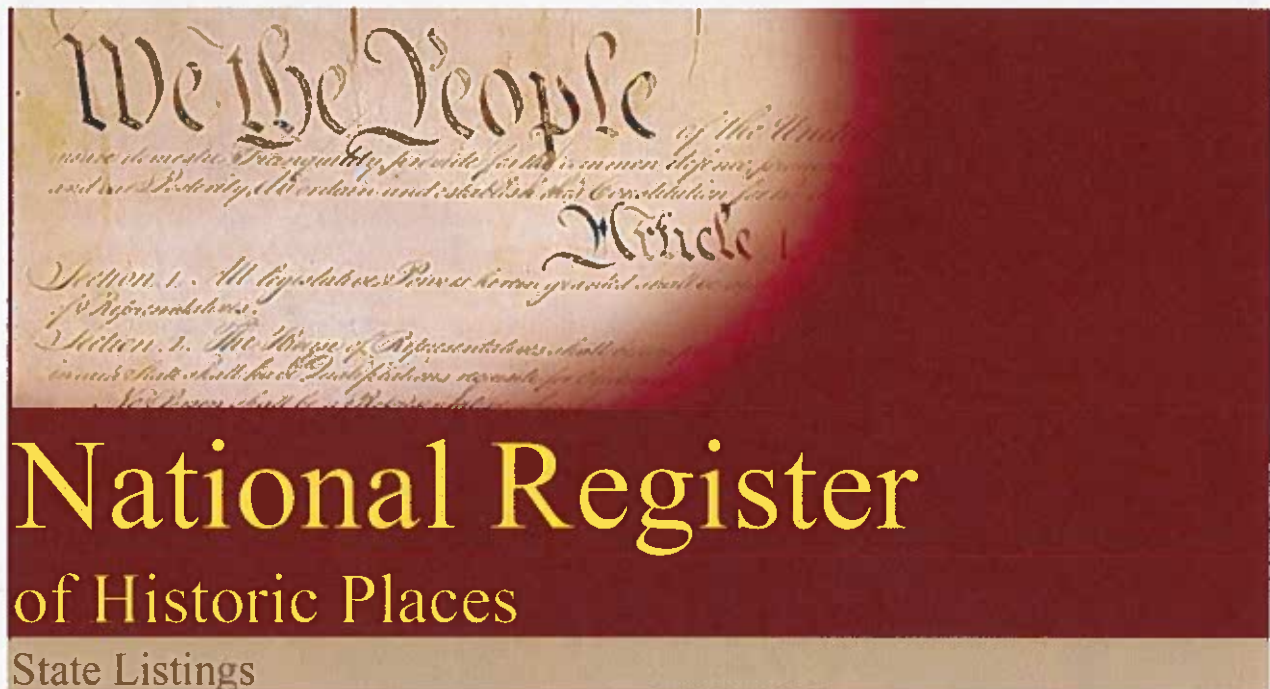


View of existing effluent structure and rip rap-reinforced areas facing West.

## **Appendix E**

### **Section 106 of the National Historic Preservation Act Documentation**





## Georgia - Glynn County

Glynn County Georgia has 20 places on the National Register of Historic Places including 6 places of National significance and 5 places of Statewide significance. Significant places include Brunswick Old Town, Faith Chapel, Fort Frederica National Monument, Horton-duBignon House, Brewery Ruins, duBignon Cemetery and Jekyll Island Club.

Prehistoric cultural affiliation(s) include Late Pre-Historic and Early American dating back to 1000.

The famous person Frank B. Strachan is associated with one of more of the Glynn County historic places.

Some of the country's most notable architects helped create the Glynn County places including George Purvis, Maj. William Horton, James Hamilton Couper, Bvt. Gen. O.M. Poe, Felton Davis, Laurance Miller, U.S. Coast Guard, C.B. Cluskey, Civil Engineer's Office and Francis L. Abreu. Prominent architectural styles found in Glynn Country are Bungalow/Craftsman, Shingle Style and Classical Revival.

*R*

Ballard School (added 2004 - - #04001181)  
Also known as County Community School  
323 Old Jesup Hwy. , Brunswick



Ebyabe. CC BY-SA 3.0, via Wikimedia Commons

**Historic Significance:**

Event, Architecture/Engineering

**Architect, builder, or engineer:**

et.al., Abreu, Francis L.

**Architectural Style:**

Bungalow/Craftsman, International Style

**Area of Significance:**

Education, Architecture

**Period of Significance:**

1950-1974, 1925-1949, 1900-1924

**Owner:**

Local

**Historic Function:**

Education


**Historic Sub-function:**

School

**Current Function:**

Vacant/Not In Use

**More Information:**

archives document 



Brunswick Old Town (added 1974 - - #74000683)

Also known as Bay St. Urban Renewal Area; See Also: Brunswick Old Town Histo  
Address Restricted , Brunswick



[Bubba73](#), CC BY-SA 4.0, via Wikimedia Commons

**Historic Significance:**

Information Potential, Event

**Area of Significance:**

Commerce, Historic - Non-Aboriginal, Prehistoric, Community Planning And Development

**Cultural Affiliation:**

Late Pre-Historic, Early American

**Period of Significance:**

1749-1500 AD, 1499-1000 AD

**Owner:**

Local

**Historic Function:**

Domestic

**Historic Sub-function:**

Village Site

**Current Function:**

Landscape

**Current Sub-function:**

Underwater

R

Brunswick Old Town Historic District (added 1979 - - #79000727)

Also known as See Also: Brunswick Old Town

Roughly bounded by 1st, Bay, New Bay, H and Cochran Sts. , Brunswick



Ebyabe. CC BY-SA 3.0. via Wikimedia Commons

**Historic Significance:**

Event, Architecture/Engineering

**Architect, builder, or engineer:**

Unknown

**Architectural Style:**

Queen Anne, Stick/Eastlake

**Area of Significance:**

Transportation, Architecture, Landscape Architecture, Community Planning And Development

**Period of Significance:**

1900-1924, 1875-1899, 1850-1874, 1750-1799

**Owner:**

Local, Private

**Historic Function:**

Commerce/Trade, Domestic, Landscape

**Historic Sub-function:**

Business, Park, Single Dwelling

**Current Function:**

Commerce/Trade, Domestic, Government, Landscape

**Current Sub-function:**

Business, Government Office, Single Dwelling, Underwater



Colored Memorial School and Risley High School (added 2002 - - #02001290)

1800 Albany St. , Brunswick



Ebyabe. CC BY-SA 3.0, via Wikimedia Commons

**Historic Significance:**

Architecture/Engineering

**Architect, builder, or engineer:**

Abreu, Francis L.

**Architectural Style:**

Classical Revival, Other

**Area of Significance:**

Architecture, Education, Black

**Period of Significance:**

1950-1974, 1925-1949, 1900-1924

**Owner:**

Local

**Historic Function:**

Education

**Historic Sub-function:**

School


**Current Function:**

Education

**Current Sub-function:**

School

**More Information:**

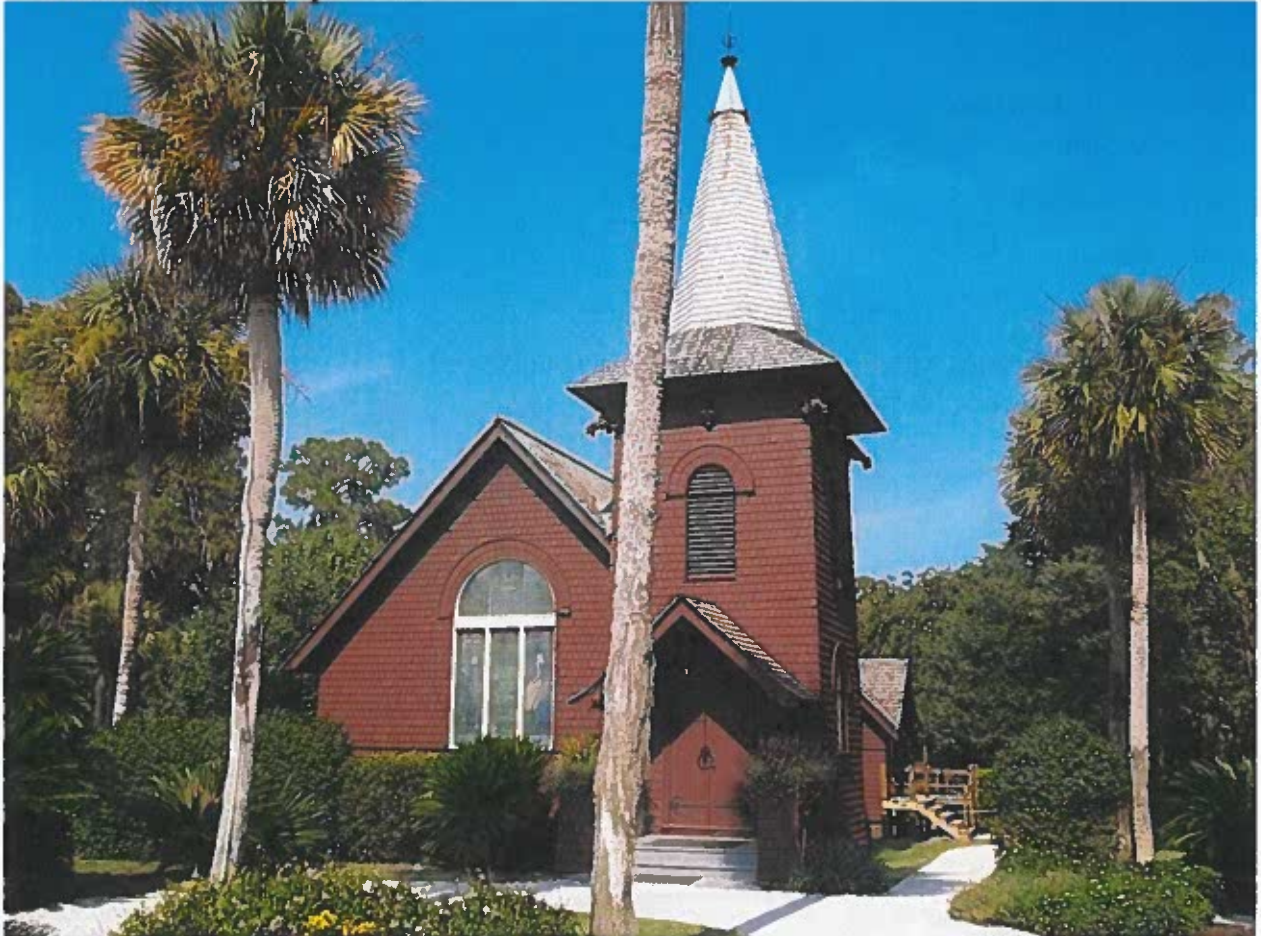
archives document 



Evelyn Plantation (added 1973 - - #73002309)  
NW of GA 99 , Brunswick



Faith Chapel (added 1971 - - #71000277)  
Old Plantation Rd. , Jekyll Island



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**Historic Significance:**

Architecture/Engineering

**Architect, builder, or engineer:**

Unknown

**Architectural Style:**

Shingle Style

**Area of Significance:**

Architecture

**Period of Significance:**

1900-1924

**Owner:**

State

**Historic Function:**

Religion

**Historic Sub-function:**

Religious Structure


**Current Function:**

Religion

**Current Sub-function:**

Religious Structure

**More Information:**

archives document 



Fort Frederica National Monument (added 1966 - - #66000065)

12 mi. N of Brunswick , Brunswick





File Upload Bot (Magnus Manske), CC BY-SA 3.0, via Wikimedia Commons

**Historic Significance:**

Event

**Area of Significance:**

Military, Social History

**Period of Significance:**

1750-1799, 1700-1749

**Owner:**

Federal

**Historic Function:**

Defense, Domestic

**Historic Sub-function:**

Battle Site, Fortification, Village Site

**Current Function:**

Landscape

**Current Sub-function:**

Park

Glynn Academy (added 2011 - - #11000775)

SE. corner of Egmont & Monck Sts., Brunswick



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**Historic Significance:**

Architecture/Engineering

**Architectural Style:**

Greek Revival

**Area of Significance:**

Architecture

**Period of Significance:**

1825-1849

**More Information:**

[archives document](#) 



Hamilton Plantation Slave Cabins (added 1988 - - #88000968)

Address Restricted , St. Simons Island



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**Historic Significance:**

Information Potential, Event, Architecture/Engineering

**Architect, builder, or engineer:**

Couper, James Hamilton

**Architectural Style:**

No Style Listed

**Area of Significance:**

Historic - Non-Aboriginal, Architecture, Black

**Cultural Affiliation:**

Black Slave

**Period of Significance:**

1850-1874, 1825-1849

**Owner:**

Local, Private

**Historic Function:**

Domestic

**Historic Sub-function:**

Multiple Dwelling

**Current Function:**

Social

**Current Sub-function:**

Clubhouse



Hofwyl-Broadfield Plantation (added 1976 - - #76000635)

Also known as Hofwyl Plantation

N of Brunswick on U.S. 17 , Brunswick



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**Historic Significance:**

Architecture/Engineering, Event

**Architect, builder, or engineer:**

Unknown

**Architectural Style:**

No Style Listed

**Area of Significance:**

Agriculture, Architecture, Social History

**Period of Significance:**

1900-1924, 1850-1874, 1800-1824

**Owner:**

State

**Historic Function:**

Agriculture/Subsistence, Domestic, Funerary

**Historic Sub-function:**

Agricultural Fields, Cemetery, Secondary Structure, Single Dwelling

**Current Function:**

Landscape, Work In Progress

**Current Sub-function:**

Park

**More Information:**

archives document [↗](#)

*B*

Horton-duBignon House, Brewery Ruins, duBignon Cemetery (added 1971 - - #71000278)  
Riverview Dr. , Jekyll Island



Ebyabe, CC BY-SA 3.0, via Wikimedia Commons

**Historic Significance:**

Event, Architecture/Engineering

**Architect, builder, or engineer:**

Horton, Maj. William

**Architectural Style:**

No Style Listed

**Area of Significance:**

Industry, Agriculture, Architecture, Military, Social History

**Period of Significance:**

1850-1874, 1750-1799, 1700-1749

**Owner:**

State

**Historic Function:**

Agriculture/Subsistence, Domestic, Funerary

**Historic Sub-function:**

Cemetery, Processing, Single Dwelling


**Current Function:**

Landscape, Vacant/Not In Use

**Current Sub-function:**

Park

**More Information:**

archives document 



Jekyll Island Club (added 1972 - - #72000385)

Between Riverview Dr. and Old Village Blvd. , Jekyll Island



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**Historic Significance:**

Event, Architecture/Engineering

**Architect, builder, or engineer:**

Multiple

**Architectural Style:**

Late Victorian

**Area of Significance:**

Architecture, Entertainment/Recreation, Social History

**Period of Significance:**

1900-1924, 1875-1899

**Owner:**

State

**Historic Function:**

Domestic, Social

**Historic Sub-function:**

Camp, Civic


**Current Function:**

Landscape, Recreation And Culture

**Current Sub-function:**

Museum, Park

**More Information:**

archives document 



King and Prince Hotel (added 2005 - - #04001465)

Also known as King and Prince Club; King and Prince Beach Club, King and Prince Surf Hotel; King and Prince Beach and Golf..

201 Arnold Rd. , St. Simons Island



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**Historic Significance:**

Event, Architecture/Engineering

**Architect, builder, or engineer:**

Davis, Felton, Miller, Laurance

**Architectural Style:**



Mission/Spanish Revival

**Area of Significance:**

Entertainment/Recreation, Architecture

**Period of Significance:**

1950-1974, 1925-1949

**Owner:**

Private

**Historic Function:**

Domestic

**Historic Sub-function:**

Hotel


**Current Function:**

Domestic

**Current Sub-function:**

Hotel

**More Information:**

archives document 

*R*

Needwood Baptist Church and School (added 1998 -- #98001520)

US 17, 1 mi. S of Hofwyl-Broadfield Plantation State Historic Site. , Brunswick



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**Historic Significance:**

Event, Architecture/Engineering

**Architectural Style:**

No Style Listed

**Area of Significance:**

Architecture, Education, Black, Religion

**Period of Significance:**

1925-1949, 1900-1924, 1875-1899

**Owner:**

Private

**Historic Function:**

Education, Religion

**Historic Sub-function:**

Religious Structure, School

**Current Function:**

Religion

**Current Sub-function:**

Religious Structure

**More Information:**

archives document 



Rockefeller Cottage (added 1971 - - #71000279)

Also known as Rockefeller Museum;Indian Mound;See Also:Jekyll Island Club  
331 Riverview Dr. , Jekyll Island



Ebyabe. CC BY-SA 3.0, via Wikimedia Commons

**Historic Significance:**

Event, Architecture/Engineering

**Architect, builder, or engineer:**

Unknown

**Architectural Style:**

Other, Shingle Style

**Area of Significance:**

Architecture, Social History

**Period of Significance:**

1900-1924, 1875-1899

**Owner:**

State

**Historic Function:**

Domestic

**Historic Sub-function:**

Hotel

**Current Function:**

Landscape, Recreation And Culture

**Current Sub-function:**

Museum, Park

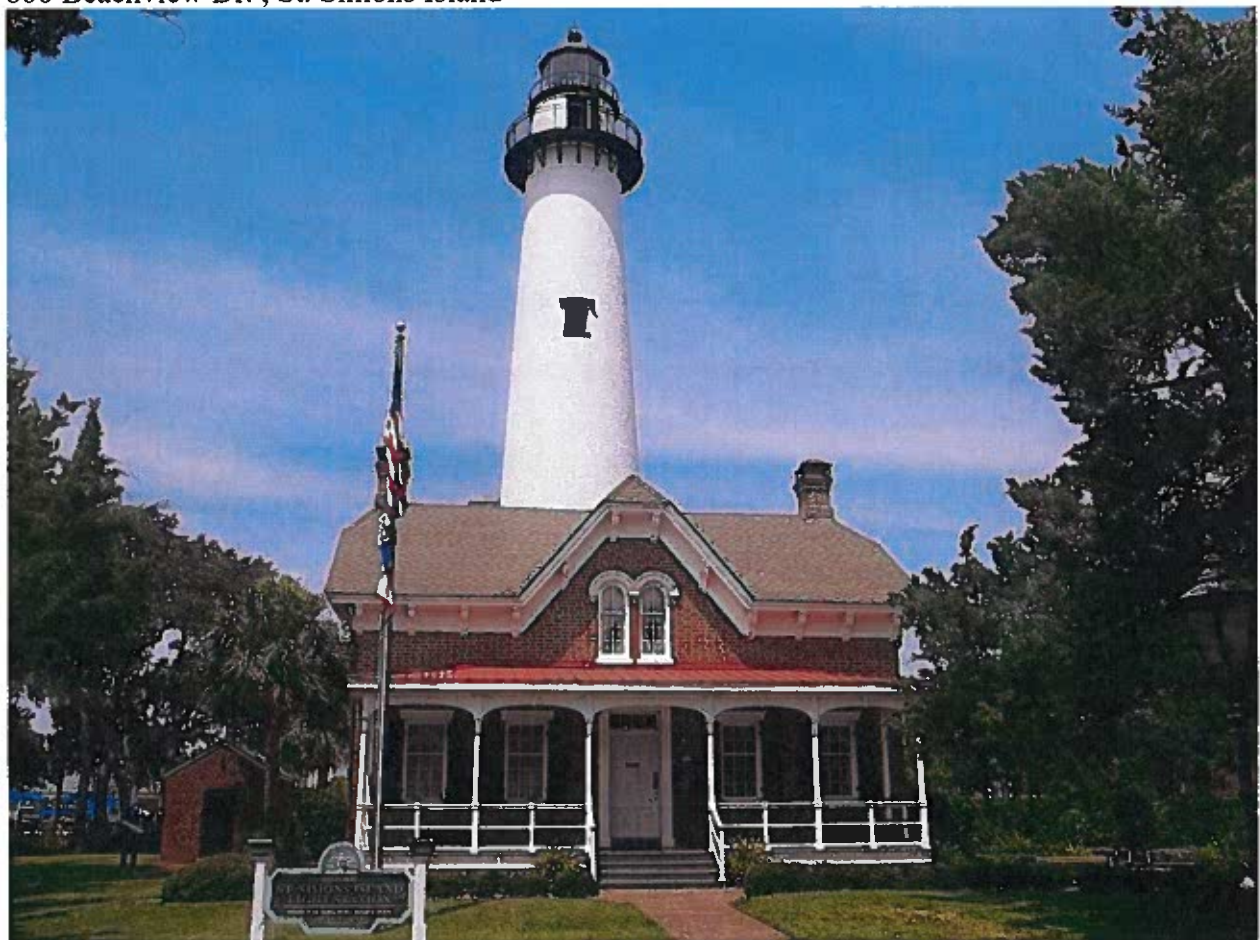
**More Information:**

archives document [↗](#)

*R*

St. Simons Lighthouse and Lighthouse Keepers' Building (added 1972 - - #72000386)

600 Beachview Dr. , St. Simons Island



Ebyabe, CC BY-SA 3.0, via Wikimedia Commons

**Historic Significance:**

Information Potential, Event, Architecture/Engineering

**Architect, builder, or engineer:**  
Cluskey,C.B., Poe,Bvt. Gen. O.M.

**Architectural Style:**  
Other, Gothic

**Area of Significance:**  
Historic - Non-Aboriginal, Transportation, Architecture

**Cultural Affiliation:**  
19th C. Coastal American

**Period of Significance:**  
1850-1874


**Owner:**  
Federal, Local

**Historic Function:**  
Domestic, Transportation

**Historic Sub-function:**  
Multiple Dwelling, Water-Related

**Current Function:**  
Recreation And Culture

**Current Sub-function:**  
Museum

**More Information:**  
archives document 



Strachan House Garage (added 1997 - - #97000660)  
414 1/2 Butler Ave. , Glynn



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**Historic Significance:**

Architecture/Engineering, Event, Person

**Architectural Style:**

Bungalow/Craftsman, Late 19th And Early 20th Century American Movements

**Historic Person:**

Strachan, Frank B.

**Significant Year:**

1925

**Area of Significance:**

Social History, Architecture, Transportation

**Period of Significance:**

1925-1949

**Owner:**

Private

**Historic Function:**

Domestic

**Historic Sub-function:**

Secondary Structure, Single Dwelling


**Current Function:**

Domestic

**Current Sub-function:**

Single Dwelling

**More Information:**

archives document 



US Coast Guard Station--St. Simons Island (added 1998 - - #98000297)

4201 First St. , St. Simons Island



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**Historic Significance:**

Event, Architecture/Engineering

**Architect, builder, or engineer:**

U.S. Coast Guard, Civil Engineer's Office

**Architectural Style:**

Colonial Revival

**Area of Significance:**

Politics/Government, Maritime History, Architecture

**Period of Significance:**

1925-1949

**Owner:**

Private

**Historic Function:**

Transportation


**Historic Sub-function:**

Water-Related

**Current Function:**

Education

**More Information:**

archives document 



United States Post Office and Court House (added 2014 - - #14000153)

805 Gloucester, Brunswick



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Windsor Park Historic District (added 2013 - - #13000877)

Bounded by Lanier Blvd., Walnut Ave., Gloucester & Magnolia Sts., Brunswick





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# National Register of Historic Places

National Park Service  
U.S. Department of the Interior

Public, non-restricted data depicting National Register spatial data processed by the Cultural Resources GIS facility. ...



<https://www.mapbox.com/about/maps/> | © OpenStreetMap (<https://www.openstreetmap.org/copyright>) contributors | Cultural Resources GIS, National Park Service | Geocoding ...

Home (<https://www.nps.gov>) | Frequently Asked Questions (<https://www.nps.gov/faqs.htm>) | Website Policies (<https://www.nps.gov/aboutus/website-policies.htm>)



COASTAL RESOURCES DIVISION

ONE CONSERVATION WAY · BRUNSWICK, GA 31520 · 912-264-7218

WALTER RABON  
COMMISSIONER

DOUG HAYMANS  
DIRECTOR

February 12, 2024

Cait Roman  
Goodwyn, Mills & Cawood, LLC  
800 Broad Street, Suite 900  
Augusta, GA 30901

**Re: Coastal Marshland Protection Act (CMPA), Jurisdictional Determination Verification, Portion of Wastewater Treatment Facility, Academy Creek, Brunswick, Glynn County, Georgia**

Dear Ms. Roman:

Our office has received the survey and plat, dated December 4, 2023, prepared by Shupe Surveying Company, P.C., No. 2401 entitled "*CMPA Jurisdiction Line Survey of: BGCJWSC Academy Creek Wastewater Treatment Facility 26th G.M.D., Brunswick, Glynn County, Georgia*" prepared for GMC. Based on my site inspection, on November 14, 2023, this plat and survey generally depict the delineation of the marsh/upland boundary as required by the State of Georgia for jurisdiction under the authority of the Coastal Marshlands Protection Act O.C.G.A. § 12-5-280 et seq.

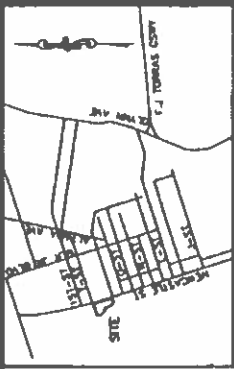
The Coastal Marshlands Protection Act O.C.G.A. § 12-5-280 et seq. delineation of this parcel is subject to change due to environmental conditions and legislative enactments. This jurisdiction line is valid for one year from date of the delineation. It will normally expire on November 14, 2024 but may be voided should legal and/or environmental conditions change.

This letter does not relieve you of the responsibility of obtaining other state, local, or federal permission relative to the site. Authorization by the Coastal Marshlands Protection Committee or this Department is required prior to any construction or alteration in the marsh jurisdictional area. We appreciate you providing us with this information for our records. If you have any questions, please contact me at (912) 264-7218.

Sincerely,

Paul Tobler  
Coastal Permit Coordinator  
Marsh and Shore Management Program

Enclosure: *CMPA Jurisdiction Line Survey of: BGCJWSC Academy Creek Wastewater Treatment Facility 26th G.M.D., Brunswick, Glynn County, Georgia*  
File: JDS20230327



VICINITY MAP (NOT TO SCALE)

THIS SURVEY HAS ALL NECESSARY CONSENTS FOR THE DOCUMENT AND THE PROPERTY OF SHUPE SURVEYING COMPANY. NO REPRESENTATION OF SHUPE SURVEYING COMPANY IS MADE WITHOUT THE WRITTEN CONSENT OF SHUPE SURVEYING COMPANY. NO REPRESENTATION OF SHUPE SURVEYING COMPANY IS MADE WITHOUT THE WRITTEN CONSENT OF SHUPE SURVEYING COMPANY. NO REPRESENTATION OF SHUPE SURVEYING COMPANY IS MADE WITHOUT THE WRITTEN CONSENT OF SHUPE SURVEYING COMPANY.



DATE: \_\_\_\_\_ BY: \_\_\_\_\_

PREPARED FOR:

GMC

# BGCJWSC ACADEMY CREEK WASTEWATER TREATMENT FACILITY

2074 C.M.B. BRUNSWICK, CLINN COUNTY GEORGIA  
 PREPARED FOR:  
 GMC



SHUPE SURVEYING COMPANY, P.C.  
 2074 C.M.B. BRUNSWICK, CLINN COUNTY GEORGIA  
 312 265 0426

CERTIFICATE OF AUTHORIZATION LSP717



SCALE	1" = 20'	DATE	11/02/21
PROJECT	2300	DATE BY	AS
DATE	2/12/24	DATE	AS

SHEET 1 OF 1



POT  
 2/12/24

- NOTES:
- BOUNDARIES AND DIMENSIONS SHOWN ON THIS SURVEY ARE BASED ON THE GEORGIA STATE PLAT RECORD SYSTEM. EAST ZONE, MODEL AND HORIZONTAL CURVE ARE SET WITH A TOTAL STATION.
  - FIELD COURSEMENT USED FOR THIS SURVEY: CALSON BENT #10 OPS WITH HIS REFLECTOR (400 SURVEYORS)
  - THE FIELD DATA UPON WHICH THIS MAP IS BASED WAS OBTAINED USING COURSEMENT AND PROCEDURES CONSISTENT WITH BOARD RULE 180-07-03. THE CALCULATED POSITIONS, TOLERANCES AND 6.07 FEET.
  - THIS MAP OR PLAT HAS BEEN CALCULATED FOR CLOSURE AND IS FOUND TO BE ACCURATE IN WITHIN ONE FOOT IN 10,000 FEET MEASURE.
  - THIS SURVEY AND ALL SUBSEQUENT SURVEYS ARE BASED UPON FIELD NOTES THAT WERE COMPLETED ON 11/02/21. ALL SURVEYS WERE CONDUCTED WITHIN SHUPE SURVEYING COMPANY, P.C. IS NOT RESPONSIBLE FOR ANY CHANGES TO SITE CONDITIONS AFTER THE DATE.
  - THE SHOWN PROPERTY, DIMENSIONS AND COURSEMENT OF THE SUBJECT PROPERTY SHOWN ON THIS SURVEY WERE TAKEN FROM THE CLINN COUNTY GIS DEPARTMENT (WWW.GIS.CLINN-COUNTY.GE) AND COURSEMENT, RECORDS, THE COURSEMENT OFFICER IS SHUPE SURVEYING COMPANY, JOHN WATTS AND OTHER CONNECTIONS.
  - THIS SURVEY WAS REQUESTED WITHOUT THE BENEFIT OF A FULL TITLE EXAMINATION.
  - ACCORDING TO 71-24 MAP NO. 13137C, AVOID. 03/14, EFFECTIVE DATE 01/05/2018, IT IS AT LEAST THAT A PORTION OF THE PROPERTY SHOWN ON THIS PLAT LIES WITHIN ZONE 14, WHICH IS A SPECIAL FLOOD HAZARD AREA.
  - ZONE 14 (1, 10) - IS SPECIAL OVERHEAD FLOODPLAIN, BASE FLOOD ELEVATIONS DETERMINED FROM FLOOD INSURANCE RATE MAPS. THIS MAP WAS NOT CONDUCTED IN THE ZONE OF SPECIAL OVERHEAD FLOODPLAIN. THIS MAP WAS CONDUCTED IN THE ZONE OF SPECIAL OVERHEAD FLOODPLAIN. THIS MAP WAS CONDUCTED IN THE ZONE OF SPECIAL OVERHEAD FLOODPLAIN.
  - THIS PROPERTY MAY BE SUBJECT TO THE 15 CLINN COUNTY DEVELOPMENT SETBACK REGULATIONS FROM THE CHINA LANE.
  - THIS PROPERTY MAY BE SUBJECT TO THE 25 CHINA LANE.
  - A CALSON BENT #10 OPS WITH HIS REFLECTOR WAS USED TO OBTAIN STATE PLAT COORDINATES. ESTABLISH THE VERTICAL DATUM, OBTAIN DIMENSIONS LOCATE PROPERTY CORNERS, SET BENCHMARKS, ESTABLISH CHINA LANE AND HAS A RELATIVE POSITIONAL TOLERANCE OF 6.07 FEET AT THE 95% ACCURACY COMPLETION LEVEL.

LINE	BEGINNING	ENDING	DISTANCE
L1	8 13 27.17	4	7.61
L2	4 11 13.14	4	13.57
L3	4 11 13.14	4	3.84
L4	4 11 13.14	4	6.59
L5	4 11 13.14	4	10.18
L6	4 11 13.14	4	13.82
L7	4 11 13.14	4	17.46

- LEGEND:
- MP-IMP
  - ASPHALT
  - CONCRETE
  - FENCE
  - BOTTOM OF SLOPE
  - TOP OF SLOPE



March 20, 2024

Submitted via email: [CESAS-RD-C@usace.army.mil](mailto:CESAS-RD-C@usace.army.mil)

U.S. Army Corps of Engineers – Savannah District  
ATTN: CESAS-RD-P  
4751 Best Road, Suite 140  
College Park, Georgia 30337

**Goodwyn Mills Cawood**

801 Broad Street  
Suite 900  
Augusta, GA 30901

T (706) 303-3272  
F (770) 955-1064

[www.gmcnetwork.com](http://www.gmcnetwork.com)

**RE: Pre-Construction Notification  
Nationwide Permit 3  
Academy Creek WWTP  
Brunswick-Glynn Joint Water & Sewer Commission (BGJSWC)**

**To Whom it May Concern:**

On behalf of the Brunswick-Glynn Joint Water & Sewer Commission (BGJSWC), Goodwyn Mills Cawood, LLC (GMC) is submitting this Pre-construction Notification letter for verification of coverage under Nationwide Permit 3 for the proposed maintenance of the effluent force main at the Academy Creek Wastewater Treatment Plant (WWTP). We have enclosed a Pre-Construction Notification Form (PCN) in Appendix A and the sections below are provided to summarize the location of the required PCN information in this submittal and any additional/supplemental information needed to fully address the required information.

**Permittee Contact and Authorized Agent Information:**

The permittee contact information is provided in Boxes 5 – 7, and the authorized agent contact information is provided in Boxes 8 – 10 of the PCN Form.

**Location of the proposed project:**

The project location information, including the directions to the site, are provided in Boxes 13 – 17 of the PCN Form. A general location map and USGS Quadrangle Map are also attached as Figures 1 and 2.

**Description of the proposed project:**

An overall description of the proposed project activities is provided in Box 19 of the PCN Form and the following information provides more detailed information on the project activities located within waters of the U.S.

As stated on the PCN Form, the proposed project includes maintenance at the existing Academy Creek WWTP. The current effluent discharge pipe at the plant is a 36-inch ductile iron pipe that discharges into a coastal marshland near the terminus of the Turtle River. The proposed project involves the installation of another 36-inch ductile iron pipe parallel to the existing pipe, offset 10-foot, in order to meet the demands of the plant and mitigate the impacts of coastal influence at the discharge point.

The existing headwall will be partially demolished and widened approximately 10-feet to accommodate the new pipe. For headwall modifications, approximately 10-cubic yards of existing rip rap must be removed. Following installation of the new pipe and headwall, 10-cubic yards of rip rap will be placed a minimum of 18-inches deep to stabilize the banks and channel bottom. Plan Diagrams of the existing and proposed conditions, including limits of disturbance, are attached.

Figure 3 shows the proposed project area and coastal marshland boundary. As this project is for the upgrade of an existing pipe, no direct or indirect adverse environmental effects are anticipated as a result of this project other than the temporary direct impact associated with installation of the new pipe and widening of the existing headwall. There are no other NWP(s), regional general permit(s), or individual permit(s) intended to be used to authorize any part of the proposed project or any related activity.

**Delineation:** A review of the area conducted by GMC representatives and verified by the Coastal Resources Division (CRD) of the Georgia Environmental Protection Division (EPD) identified the coastal marsh boundary line, shown on page C-621 of the Project Diagrams and in Figure 3. As a result of the proposed project, approximately 0.008-acres of coastal marshland will be directly impacted for the extension of the existing headwall, while 0.007-acres will be temporarily impacted due to construction activities. Temporary impacts may include placement of vehicles and equipment and installation of BMPs but will not include the placement of fill. No wetlands will be impacted.



**Endangered Species Act:** GMC utilized the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Conservation (IPaC) website to review information related to threatened and endangered species and potential critical habitat within the project area. A search of the project areas produced three (3) endangered species and six (6) threatened species, all of which are listed in the table below. There are no designated critical habitats within the project area.

Type	Name	Status	Critical Habitat
Mammal	West Indian Manatee <i>Trichechus manatus</i>	Threatened	No
Bird	Eastern Black Rail <i>Laterallus jamaicensis</i>	Threatened	No
Bird	Wood Stork <i>Mycteria americana</i>	Threatened	No
Reptile	Eastern Indigo Snake <i>Drymarchon couperi</i>	Threatened	No
Reptile	Green Sea Turtle <i>Chelonia mydas</i>	Threatened	No
Reptile	Hawksbill Sea Turtle <i>Eretmochelys imbricata</i>	Endangered	No
Reptile	Kemp's Ridley Sea Turtle <i>Lepidochelys kempii</i>	Endangered	No
Reptile	Leatherback Sea Turtle <i>Dermochelys coriacea</i>	Endangered	No
Reptile	Loggerhead Sea Turtle <i>Caretta caretta</i>	Threatened	No

GMC conducted a site reconnaissance of the project area on November 14<sup>th</sup>, 2023. Although the project areas contain adjacent habitat suitable for some of the listed species, the clearing of the area, existing rip rap, and existing WWTP discharge point make habitat conditions sub-optimal. A GMC biologist did not identify the presence of any of the species included in the table above. Therefore, the proposed project should have no adverse effect on the listed species or their habitat. IPaC official species lists can be found for both sites in Appendix C.

**Section 106 of the National Historic Preservation Act:** GMC reviewed readily available information related to the potential for the proposed project to affect a historic property listed on, determined to be eligible for listing on, or potentially eligible for listing on, the National Register of Historic Places (NRHP). The information obtained indicates that there are no known historic structures or historic areas within the project area. A copy of the list of NRHP sites in Glynn County, GA and a NRHP map with the project location identified is provided in Appendix D.

If you have questions or need additional information, please do not hesitate to contact me at 702-285-3496 or via email at [caitlin.roman@gmcnetwork.com](mailto:caitlin.roman@gmcnetwork.com).

Sincerely,  
GOODWYN MILLS CAWOOD, LLC.

Cait Roman, MSc  
Biologist, Environmental - Augusta

Enclosures:

- Figures
- Figure 1 – Location Map
- Figure 2 – USGS Quadrangle Map
- Figure 3 – Project Map and Delineation
- Appendix A – NWP PCN Form (ENG Form 6082)
- Appendix B – Project Diagrams
- Appendix C – USFWS IPaC Official Species List
- Appendix D – Photo Pages
- Appendix E – Section 106 Documentation

# FEDERAL CONSISTENCY CERTIFICATION STATEMENT

Printed Name of Applicant(s): Andrew Burroughs

Applicant Email: aburroughs@bgjfwc.org Phone: 912-261-7108

Agent Name (if applicable): Caitlin Roman Phone: 702-285-3496

To Whom It May Concern:

This is to certify that I have made application to the U.S. Army Corps of Engineers (USACE) for authorization to impact Waters of the United States and that such proposed work is, to the best of my knowledge, consistent with Georgia's Coastal Management Program.

I understand I must provide this Consistency Certification Statement, along with a copy of my permit application submitted to USACE, to the Georgia Department of Natural Resources Coastal Resources Division (CRD) before they can begin evaluating my proposed project for consistency with Georgia's enforceable policies. I understand additional information may be required to facilitate review.

Once any required authorizations or permits from CRD have been issued, and CRD has concurred with my findings by signing this Consistency Certification Statement, CRD must submit it to USACE in order for them to issue any required federal permits or authorizations, or to validate any provisional authorizations they have already issued. A USACE provisional authorization or permit will not be valid until they receive this Certification Statement signed by CRD.

Attached is a copy of my application to USACE (required)

Signature of Applicant:  Date: 12-7-23

FOR AGENCY INTERNAL USE ONLY: Date Received (Commencement Date): 3/20/2024

USACE Authorization/Permit Number (assigned by USACE): SAS 2023-00955


USACE Authorization Type (select one):  Individual Permit  General Permit #       NWP # 3

USACE Project Manager: Shannon Martig

CRD Authorization/Permit Number (assigned by CRD): LOP20240004

CRD Project Manager: Paul D. Tobler

**CRD HAS REVIEWED AND CONCURS WITH THIS CONSISTENCY CERTIFICATION STATEMENT TO THE EXTENT THE USACE AUTHORIZED PROJECT DESCRIPTION IS CONSISTENT WITH THE AUTHORIZED PROJECT DESCRIPTION FOR ANY CRD PERMIT ISSUED FOR THIS PROJECT**

CRD Signature:  Date: AUG 19 2024  
Printed Name: Paul D. Tobler Title: Chief

For questions regarding consistency with the Georgia Coastal Management Program, please contact the Federal Consistency Coordinator at (912) 264-7218 or visit [www.CoastalGADNR.org](http://www.CoastalGADNR.org).

