PROJECT SUMMARY

COASTAL MARSHLANDS PROTECTION PERMIT APPLICATION

COMMUNITY DOCK IMPROVEMENTS

SAPELO ISLAND, GEORGIA

The project consists of the following project elements:

- Retention of the existing 6’ wide by 170’ long (1,020 square feet) aluminum fixed pier in its current location.
- A 6’ wide by 60’ long (360 square feet) extension of the existing aluminum fixed pier. It should be noted that none of the proposed facilities occur within coastal marshlands.
- Relocation of the existing 3’ wide by 30’ long (90 square feet) aluminum gangway.
- Relocation of the existing 8’ wide by 80’ long (640 square feet) aluminum floating dock.
- A new 4’ wide by 20’ long (80 square feet) aluminum gangway.
- A new 8’ wide by 50’ long (400 square feet) concrete floating dock for ferry use.
- Two new timber pile cluster dolphins at each end of the concrete floating dock.
- Removal of the existing foul weather ferry fixed pier.

The distance of the project into the waterway from MLW varies from 44 feet to 54 feet based on the configuration of the new dock system.

The distance of the project from the navigable channel (Doboy Sound) is 3.16 miles as measured along Post office Creek and Barn Creek.

The depth of the waterway at MLW is 3.84 feet.

The total width of the waterway from MLW to MLW varies from 129 feet to 183 feet based on the configuration of the new dock system.

The furthest distance the structure will extend into the waterway is 54 feet and the width of the waterway from MLW to MLW at this point is 129 feet.

The distance to the next structure on either side of the proposed project is 220 feet to the south and 1,700 feet to the north.

This permit should be granted. The proposed project will benefit the residents of Sapelo Island as well as the Georgia Department of Natural Resources and the University of Georgia. The existing community dock does not function well and has limited usable space. In addition, the existing foul weather ferry fixed pier is difficult to use and is not connected to the land thereby limiting its use. The proposed improvements incorporate existing facilities as much as possible. There is no impact to the upland areas or marshlands. The proposed project is consistent with the intent and requirements of the Coastal Marshlands Protection Act and issuance of the permit is recommended.

SITE PLANS AND RELATED INFORMATION

COASTAL MARSHLANDS PROTECTION PERMIT APPLICATION

COMMUNITY DOCK IMPROVEMENTS

SAPELO ISLAND, GEORGIA

The vicinity maps are below.

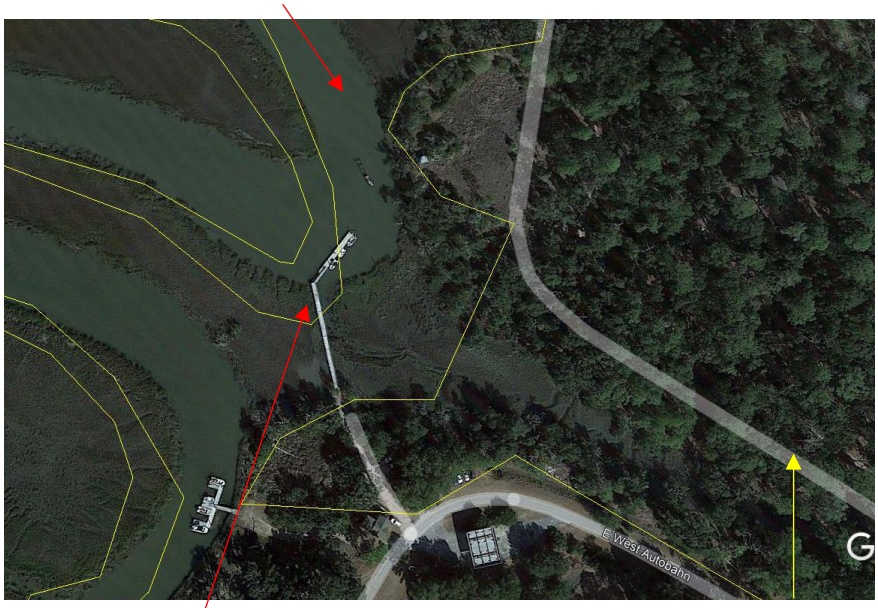
PROJECT LOCATION
31.434869, -81,280685

BARN CREEK

POST OFFICE CREEK

NORTH

POST OFFICE CREEK



NORTH

PROJECT LOCATION
31.434869, -81,280685

Marshland Component of Project:

The existing and proposed components of the project are as follows:

- Retention of the existing 6’ wide by 170’ long (1,020 square feet) aluminum fixed pier in its current location.
- A 6’ wide by 60’ long (360 square feet) extension of the existing aluminum fixed pier.
- Relocation of the existing 3’ wide by 30’ long (90 square feet) aluminum gangway.
- Relocation of the existing 8’ wide by 80’ long (640 square feet) aluminum floating dock.
- A new 4’ wide by 20’ long (80 square feet) aluminum gangway.
- A new 8’ wide by 50’ long (400 square feet) concrete floating dock for ferry use.
- Two new timber pile cluster dolphins at each end of the concrete floating dock.
- Removal of the existing foul weather ferry fixed pier.

The furthest distance the structure will extend into the waterway is 54 feet and the width of the waterway from MLW to MLW at this point is 129 feet. The depth of the waterway at MLW is 3.84 feet. The distance of the project from the navigable channel (Doboy Sound) is 3.16 miles as measured along Post office Creek and Barn Creek.

The total square footage of the proposed project is 2,590 square feet.

The aluminum gangways, fixed pier, and floating dock will be supported by timber piles. The number of piles and pile diameter will be determined as the design progresses. The floating concrete dock will be held in place by piles. The type, size, and number will be determined as the design progresses.

Upland Component of Project: N/A

The project does not include an upland component. The upland component of the project consists of existing facilities that will not be impacted or disturbed by the proposed project.

Marshlands Buffers for Upland Component: N/A

No work will be conducted within the 50-foot marshlands buffer.

Stormwater Management Plan of the Upland Component: N/A

The project does not include an upland component. Therefore, a stormwater management plan is not required.

Impervious Surface Calculations of the Upland Component: N/A

The project does not include an upland component. There are no additional impervious surfaces and impervious surface calculations are not required.

ALTERNATIVE ANALYSIS

COASTAL MARSHLANDS PROTECTION PERMIT APPLICATION

COMMUNITY DOCK IMPROVEMENTS

SAPELO ISLAND, GEORGIA

Several alternatives were considered as discussed below:

No Action – Under this alternative the dock would remain in its current condition. The current dock is in need of repairs and does not function adequately. As a result, this alternative was eliminated from consideration.

Replace Entire Dock System - There are many components of the existing system that can be used or relocated. Therefore, replacing the entire dock system would be very costly and does not represent the most cost-effective solution for the project.

Make Improvements to the Existing System – This was the selected alternative. Under this alternative, a significant portion of the existing facility is retained with an existing gangway and floating dock relocated to better serve the dock users. The existing fixed pier is extended to accommodate the new improvements. The existing fixed pier for the ferry is replaced with a new concrete floating dock that is much more usable for ferry operations. The proposed plan represents the best option of new and existing facilities to serve the users of the proposed facilities.

LANDFILL OR HAZARDOUS WASTE STATEMENT

COASTAL MARSHLANDS PROTECTION PERMIT APPLICATION

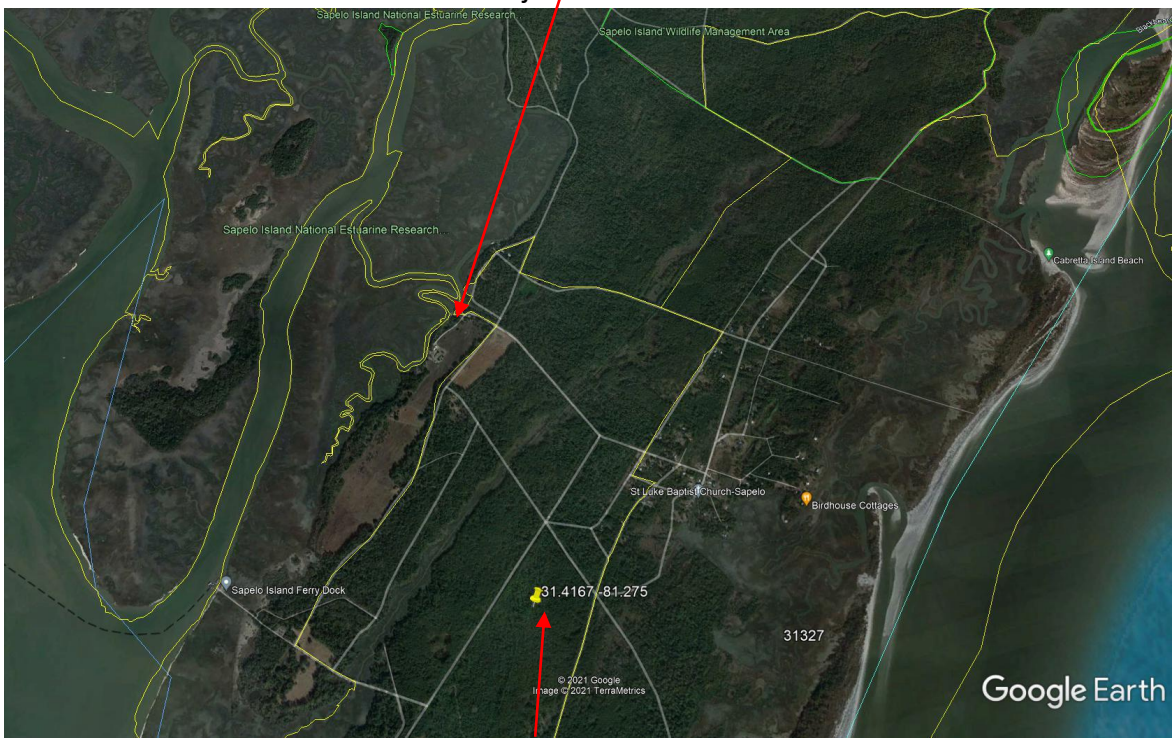
COMMUNITY DOCK IMPROVEMENTS

SAPELO ISLAND, GEORGIA

The following EPD documents were searched for the presence of landfills or hazardous waste sites in the vicinity of the project.
Regulated Solid Waste Facilities
Inert Waste Landfills
Landfills – Closed
Landfills – In Closure
Hazardous Site Inventory

There was one facility located on Sapelo Island. It is a Construction and Demolition Landfill located at 31.4167, -81.275. A Google Earth image showing the landfill location and proposed project location are below.

Project Location



Landfill Location

Based on the above an inquiry has been made to the appropriate authorities that the proposed project is not over a landfill or hazardous waste site and the site is otherwise suitable for the proposed project.

WATER QUALITY CERTIFICATION

COASTAL MARSHLANDS PROTECTION PERMIT APPLICATION

COMMUNITY DOCK IMPROVEMENTS

SAPELO ISLAND, GEORGIA

The joint application has been submitted to the U.S. Army Corps of Engineers for review. They will determine the need for a water quality certification. The Corps has not responded to the application yet.

EROSION AND SEDIMENTATION STATEMENT

COASTAL MARSHLANDS PROTECTION PERMIT APPLICATION

COMMUNITY DOCK IMPROVEMENTS

SAPELO ISLAND, GEORGIA

The project will be conducted in compliance with applicable erosion and sediment control responsibilities, if required. This includes adherence to the 50-foot buffer requirement.

PUBLIC INTEREST STATEMENT

COASTAL MARSHLANDS PROTECTION PERMIT APPLICATION

COMMUNITY DOCK IMPROVEMENTS

SAPELO ISLAND, GEORGIA

The following public interests have been considered:

1. Unreasonably harmful obstruction to or alteration of the natural flow of navigational water within the affected area will **not** arise as a result of the proposal.

2. Unreasonably harmful or increased erosion, shoaling of channels, or stagnant areas of water will **not** be created as a result of this project.

3. The granting of a permit and the completion of the applicant's proposal will **not** unreasonably interfere with the conservation of fish, shrimp, oysters, crabs, clams, or other marine life, wildlife, or other resources, including but not limited to water and oxygen supply.