



FLORIDA GULF OF MEXICO RESTORATION PROJECT SUBMITTAL FORM

SUBMIT

Form Purpose and Instructions:

- To assist the project proposal and review process, please complete this Submittal Form. Completion of the Form will contribute to the appropriate information being completely and accurately submitted for each project.
- Take as much space as needed for each question, but please keep responses as focused as possible. It may assist you to review all the questions before addressing any one question.
- If you have multiple projects – please submit one Form for each project.
- When you have completed the form hit the submit button in the upper right hand corner. Once your Form is successfully submitted, you will receive a confirmation email from the Florida Department of Environmental Protection.
- Submit all back-up maps, information, etc. to Restoration.Projects@dep.state.fl.us
- To submit updated information, please fill out this form and update fields as needed
- * Indicates required fields

New Project



Update to Previous Submittal

☐

Project #

*Project Name

Lock Construction on Intercoastal waterway at White City

Contact Information

* Full Name

Frank D. May, DMD

Phone Number

(850) 227-1123

* Email

fdmay@msn.com

Organization Name

Gulf/Franklin Watersh

Additional name(s), phone number(s), email address(s), and organization name(s) and/or project partners

Charles A. Costin, ESQ.
Charles Heath Galloway, Jr.
Herman A. Jones

*Project Location

Include a map, if possible, and the city, county, longitude/latitude decimal degrees if known, and parcel # if applicable.

This project would allow a sea level lock or gate to be built on the intercoastal (ICW) waterway between the intersection of the ICW and the Gulf County industrial canal and the crossing of Highway 71 over the ICW at White City, Florida. (See Map)

*Watershed(s)

Select all that apply. A map of corresponding Florida watersheds is provided to assist in accurate placement of the project. If the project pertains to off shore or open ocean efforts, select Open Ocean. [Florida Watersheds Map](#)

- | | | |
|--|---|--|
| ☐ All FL Coastal Watersheds | ☐ Lake Worth Lagoon-Palm Beach Coast | ☐ Suwannee |
| ☐ All FL Gulf Coast Watersheds | ☐ Lower St. Johns | ☐ Tampa Bay |
| ☐ All FL Watersheds | ☐ Middle St. Johns | ☐ Tampa Bay Tributaries |
| ☒ Apalachicola-Chipola | ☐ Nassau-St. Marys | ☐ Upper East Coast |
| ☐ Caloosahatchee | ☐ Ochlockonee-St. Marks | ☐ Upper St. Johns |
| ☐ Charlotte Harbor | ☐ Ocklawaha | ☐ Withlacoochee |
| ☐ Choctawhatchee-St. Andrew | ☐ Open Ocean | |
| ☐ Everglades | ☐ Pensacola | |
| ☐ Everglades West Coast | ☐ Perdido | |
| ☐ Fisheating Creek | ☐ Sarasota Bay-Peace-Myakka | |
| ☐ Florida Keys | ☐ Southeast Coast-Biscayne Bay | |
| ☐ Indian River Lagoon | ☐ Springs Coast | |
| ☐ Kissimmee River | ☐ St. Lucie-Loxahatchee | |
| ☐ Lake Okeechobee | | |

*Project Description

Describe all aspects of the project.

This Lock would eliminate salt water intrusion into the Lake Wimico watershed and subsequent intrusion into Apalachicola Bay via the Jackson River. It would also eliminate the SEVERE storm water runoff issues affecting St. Joe Bay that are occurring during high rainfall periods and high river events. This lock or gate would allow water movement between St. Joe Bay and East Bay, which is mostly tidal and salt water, but would isolate the Fresh Water side of the watershed and allow it to return to its natural state that occurred before it was connected to these bodies of salt water over 75 years ago.

***Project Category**

Although projects may identify under multiple categories, please place your project in the best fit category. A document of category definitions and examples is provided. [Category Definitions](#)

Land Acquisition
Water Quality or Quantity
Habitat Restoration
Living Resources
Recreation/Public Access
Community Resilience

***Estimated Project Costs**

Describe the estimated costs of the project, including any assumptions for contingency and ongoing operations/maintenance. Identify other secured funding sources such as matching funds, in-kind contributions or state/federal dollars. In addition, if possible, complete and submit the Cost Appendix Sheet associated with this Form.

Estimated cost is derived from cost of construction of other sea level locks in Florida and Louisiana

***Total Estimated Project Cost**

\$ 4,000,000.00

***Other Funding**

Indicate if the project is submitted for any potential funding or if it may be used to leverage additional funding, if so, please describe the funding source [e.g. State/Federal Grants]. Put NA if not applicable.

Corp. of Engineers

Technical Feasibility

Describe the technologies involved and any relevant past experience or proven success with similar projects.

Many of these Sea level Locks have been built in Louisiana and Florida. Specifically the Locks on the Okeechobee Waterway and the Cape Canaveral lock in Florida, and the Vermilion locks in Louisiana. The technology is available and success of these locks is well documented.

Conflicts or Complements to Existing Efforts

Describe any ongoing activities in the project implementation area, if the project is part of another plan, and why the project does or does not interfere with that work. Please consider how the project may complement existing local, regional, and state efforts/plans/objectives.

This project will complement the purchase of the remaining Lake Wimico Watershed. It will also complement efforts at decreasing salinity in Apalachicola Bay and increasing freshwater flow into the Apalachicola Bay and Marsh, as well as efforts to decrease turbidity and storm water runoff into St. Joe Bay and to protect and preserve Sea Grass beds in St. Joe Bay. There are NO CONFLICTS! All communities involved, as well as ALL State and Federal agencies agree this project will drastically improve water quality into the Apalachicola Bay ecosystem and help return this critical wetland watershed back to its original hydrology, AND solve many of the water problems that are causing Sea Grass degradation in St. Joe Bay. This is a true WIN WIN situation.

Complies with Federal, State, Local, and Tribal Laws/Regulations

Describe any concerns or potential conflicts.

Both Landowners and The Corp of Engineers appear ready and willing to cooperate with this project.

Readiness for Implementation

Describe if the project has had any design or permitting work started or completed [attach permits or design work]. Please address any issues that may delay start or finish of the project.

This project is ready for immediate implementation.

Environmental Benefits

Describe the nature, magnitude, and timing of any environmental benefits attributable to the project. If possible, describe potential environmental performance measures [e.g. pollutant reduction]. Please address any potential environmental impacts associated with implementing or maintaining the project [e.g. loss of a habitat or conversion of habitat from one type to another during implementation].

The Environmental benefits of this project are probably beyond description! We know that increased salinity into the Apalachicola Bay ecosystem is decimating the oyster population there, with predators that need saline environments now thriving in the bay itself, and the flora and fauna that depends on a healthy flow of freshwater decreasing at an alarming rate. This project would eliminate the tremendous influx of salt water unnaturally entering the ecosystem through the ICW from St. Joe Bay and East Bay. These influxes of saltwater happen during high tides and low river readings, which are happening more and more frequently due to low river flow.

Protection of the entire watershed from hurricanes, tropical storm tides, as well as impending sea level rise is

Economic and Social Benefits

Describe the economic and social benefits including those related to the project's improved ecosystem services and any estimates on jobs created or preserved.

Allowing the Lake Wimico watershed to return to its historic role as a 100% freshwater ecosystem will bring back the Glory Days of the Lake, when it was famous for big large mouth bass, Shellcracker and bream fishing, as well as the return of the thousands of wintering waterfowl that produced world class waterfowl hunting in the area. Fishing, Hunting, and ecotourism will increase on the lake and surrounding Marshes itself, and the food chain that depends on freshwater flow into Apalachicola Bay and extends from inshore all the way to offshore reef fish will benefit from the elimination of salt water intrusion. The entire spectrum of the local and regional communities, from environmentalist to businessmen and women favor this project. There is No opposition!

Community Resilience

Describe if the project assists Florida's ability to anticipate, withstand, or recover from hazards or threats [e.g. hurricane preparedness, establishing living shorelines].

Hurricanes and tropical storm tides are wrecking havoc on the entire Apalachicola/Lake Wimico watershed as we speak. These extreme high tide events are killing the saline sensitive flora and fauna of the lake Marsh and Apalachicola Bay ecosystem, including and especially the oyster industry. These events dump 100% salt water directly from St. Joe Bay and East Bay into Lake Wimico through the intercoastal waterway, and this super saline water is dumped into the Apalachicola Marsh via the Jackson River. A simple sea level lock would prevent ALL of this, not to mention prevent the long term damage caused by sea level rise. This lock would also prevent the storm water runoff disaster we are witnessing in St. Joe Bay right now. St Joe Bay has over 6 ft of river mud coating much of the bay bottom right now, and the turbidity caused by this unnatural runoff is decimating the

Public Acceptance

Describe any known or potential public approval or opposition to the project.

The Public is 100% in favor of this project.

Additional Information you wish to provide

Please include any maps, designs, drawings, photos or background resources that may assist in completely and accurately understanding the project. If these are too large to attach here, please email them to Restoration.Projects@dep.state.fl.us.

See the attached Map showing the hydrology of the Lake Wimico watershed connection to St Joe Bay and East Bay, and it's connection to the Apalachicola Marsh and Bay via the Jackson River.

COST APPENDIX SHEET

Cost Item

Cost Estimate

Planning

Contracts		
Feasibility		
Engineering, Design, Land Rights & Bid Prep		
Restoration Plan		
Site Visits & Cost of Site Selection		
Administration, Overhead and Indirect		
Other		
Planning Subtotal:		\$ 0.00

Construction

Contracts		
Administration & Mobilization/Demobilization		
Other		
Construction Subtotal:		\$ 0.00

Monitoring

Contracts		
Data Collection		
Monitoring Administration		
Other		
Monitoring Subtotal:		\$ 0.00

Project Cost

Contracts		
Subtotal:		
Contingency (traditionally calculated at 10% of the subtotal)		
TOTAL:		\$ 0.00

Estimated Costs by Year

Year 1		
Year 2		
Year 3		
Year 4		
Year 5		
Year 6		