

FLORIDA GULF OF MEXICO RESTORATION PROJECT SUBMITTAL FORM

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.
- Submit the completed form and all back-up maps, information, etc. to Restoration.Projects@dep.state.fl.us
- Once your Form is successfully submitted and received, you will receive a confirmation email from the Florida Department of Environmental Protection.
- To submit updated information, please fill out this form and updating fields as needed.

* Required Fields for project updates

New Project X Update to Previous Submittal ____

***Project #** _____ *(Project number can be found on the project summary spreadsheet.)*

***Project Name** Shoreline Erosion Reduction Project

***Contact Information:** *(Include at least one name, phone number, email address, and organization name if applicable)*

Brian Watkins, (850) 983-5414, brian.watkins@ci.milton.fl.us, City of Milton, FL.

Project Location: *(Include a map, if possible, and the city, county, watershed)*

Latitude & Longitude in Decimal Degrees: City of Milton, Santa Rosa County, Blackwater River Watershed,

Latitude 30.63222, Longitude 87.04139

Parcel Number: (if applicable) N/A

Project Location Map attached.

Project Description: *(Describe all aspects of the project)*

This project is to construct or provide devices, structures or ways that will help reduce shoreline erosion along the Blackwater River within the corporate limits of the City of Milton. Currently the City has over 26,000 lin. ft. or nearly 5 miles of shoreline. This includes both sides of the Blackwater River and the inland shores along Quinn Bayou and Carpenters Park. Included along this shoreline are four (4) boat launching facilities, including two (2) used for

emergency response activities. In addition, the two (2) emergency response ramps are required to remain open on a 24 hour basis.

The Blackwater River at Milton is heavily used for sport fishing and recreation boating activities. Milton is located less than 4 miles from the mouth of the river near Blackwater Bay. Within the City, the longest single run of shoreline is Russell Harber Landing and Old River Trail with 1.3 miles of limited or unprotected shoreline. To help combat the erosion effort, the City is near placing into effect a *Boating Restricted Area Ordinance*. One of the purposes of this ordinance is to help reduce shoreline erosion caused by wake action from boating activities during heavy use periods.

The Blackwater River watershed drains approximately 860 sq. miles in both Florida and Alabama. Heavy seasonal rains and the occasional hurricane have caused major flooding. The flooding causes shoreline erosion and damage to both private and public facilities. During Hurricane Ivan in 2003, the City experienced a 12-14 foot tidal surge.

This project would utilize sound shoreline protection measures following the practices of the U.S.D.A. Natural Resources Conservation Service and would include, but not be limited to bulkheads, revetments and other environmental/eco-friendly alternatives such as vegetation plantings, soil bioengineering systems, and coconut fiber rolls.

All of the following are **Required Fields** for project updates

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)*

PHASE 1: Shoreline @ Russell Harber Landing

1. 6,000 lf of shoreline @ \$50/lf	\$ 300,000
2. Engineering and permitting @ 20%	\$ 60,000
3. Contingency @ 10%	\$ 36,000
TOTAL -	\$ 396,000

PHASE 2: Quinn Bayou & Carpenters Park

1. 2,200 lf of shoreline @ \$100/lf	\$ 220,000
2. Engineering and permitting @ 20%	\$ 44,000
3. Contingency @ 15%	\$ 39,600
TOTAL -	\$ 303,600

PHASE 3: Riverwalk Improvements

1. 1,000 lf of shoreline @ \$150/lf	\$ 150,000
2. Engineering and permitting @ 20%	\$ 30,000
3. Contingency @ 15%	\$ 27,000
TOTAL -	\$ 207,000

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])*

The project is also submitted for funding with the Restore Act, the National Fish and Wildlife Foundation, and the Natural Resource Damage Assessment.

Technical Feasibility: *(Describe the technologies involved and any relevant past experience or proven success with similar projects)*

There are various technologies available to protect shorelines for erosion. Each target area will be reviewed and the most viable alternative will be utilized.

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 sustainability of shorelines is critical to maintaining existing habitats.

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)*

Sustained shorelines will provide for the continued use of the recreational facilities by individuals regardless of their age, race, gender, or economic status.

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])*

Stabilization of waterway embankments contributes to the continued success of living shorelines.

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)*

There are no ongoing projects in this area. The project will preserve the existing shoreline along a Florida Outstanding Waterway.

Complies with Federal, State, Local, and Tribal Laws/Regulations: *(Describe any concerns or potential conflicts)*

This project complies with all Federal, State, Local and Tribal Laws/Regulations.

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)*

None of these proposed projects have been designed or permitted at this time.

Public Acceptance: *(Describe any known or potential public approval or opposition to the project)*

There have been no public meetings addressing the reduction of shoreline erosion along the Blackwater River in the City of Milton but restoration projects are typically acceptable by the public.

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)*

A general map illustrating the location of the target areas is included.

Cost Appendix Sheet

Cost Item

Cost Estimate

Planning

Contracts	
Feasibility	
Engineering, Design, Land Rights & Bid Prep	\$100,000.00
Restoration Plan	
Site Visits & Cost of Site Selection	
Administration, Overhead and Indirect	
Other	
Planning Subtotal:	\$100,000.00

Construction

Contracts	\$569,500.00
Administration & Mobilization/Demobilization	\$100,500.00
Other	
Construction Subtotal:	\$670,000.00

Monitoring

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

Project Cost

Supervision	\$34,000.00
Subtotal:	\$804,000.00
Contingency (<i>traditionally calculated at 10% of the subtotal</i>)	\$102,600.00
TOTAL:	\$906,600.00

Estimated Costs by Year

Year 1	\$396,000.00
Year 2	\$303,600.00
Year 3	\$207,000.00
Year 4	
Year 5	
Year 6	