



BOARD OF COUNTY COMMISSIONERS

JEFFERSON COUNTY, FLORIDA

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JEFFERSON COUNTY RESTORE ACT PROJECT PROPOSAL

Project Name: Monticello Storm Water Treatment

Submitting Entity: City of Monticello/Jefferson County

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I. Eligible activities:

1. Infrastructure projects benefiting the economy or ecological resources.
2. Restoration and protection of our natural resources, ecosystems, fisheries, marine and wildlife habitats and coastal wetlands of Jefferson County and the Gulf Shores.

II. Executive Summary of the Project

The Problem: The major portion of the storm water for the City of Monticello drains into a natural spring-fed creek in a wetland tract on Water Street owned by the City and purchased for use as a nature park. The untreated storm water from the city's streets then flows through the St. Marks River basin into the Gulf of Mexico taking with it various pollutants.

The Solution: The project involves installation of compact inline storm water filters to remove trash and larger particles from the storm water before it flows into the park and ultimately into the Gulf of Mexico by way of the St Marks River. Thus the project directly addresses the water quality in the St Marks watershed and the Gulf of Mexico as well as the protection of fish and wildlife in those waters. This project has the endorsement of Northwest Florida Water Management District in which it lies as well as the nearby Suwannee River Water Management District.

The scope of work for the project would include engineering, design, implementation construction and on-going operational maintenance. Inline storm water filters are installed in the storm water pipe or channel. The filters consist of a filtration box with internal baffles that traps large debris outright and reduces water flow so larger particulate matter can fall out and be trapped in the filter box. Periodically the filter needs to be inspected and the accumulated debris removed and properly disposed.

Kirk Reams
Clerk of Courts

Parrish Barwick
County Coordinator

T. Buckingham Bird
County Attorney

III. Cost summary/budget, matching/cooperative funds, cooperative support from governmental or other agencies.

The planning-level cost estimate for this project is as follows:

One time charges:

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|---|-----------|
| • Engineering, Permitting and oversight | \$45,000 |
| • Purchase of filters | \$125,000 |
| • Installation and construction | \$120,000 |

Ongoing operational maintenance per annum

- | | |
|-------------------------------|---------|
| • Inspection | \$750 |
| • Debris removal and disposal | \$3,500 |

TOTAL PROJECT COST (construction and 10 years operation)	\$327,500
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IV. Timeline for project, technical and environmental feasibility

The total time from approval to completion is anticipated to be 12 calendar months. The engineering, design and procurement of a contractor is anticipated to take 4 months. The construction phase is anticipated to take between 3 and 6 months depending on weather conditions. The operational maintenance will continue as needed for the 10-year life of the project.

V. Qualifications of the Submitting Entity, the financial feasibility/sustainability and the economic feasibility and sustainability of the project (probability of success, etc.)

The City of Monticello is an incorporated city in Jefferson County, Florida and is responsible for the underground utilities of the city, including the storm water system. The city staff is well qualified to oversee the contracting of this project.

VI. Anticipated results of the project:

The anticipated benefits of this project are not only to improve the quality of storm water in the City's park, but also to improve the quality of storm water ultimately flowing into the Gulf of

Mexico by way of the St Marks River. Thus, by filtering the storm water going into these waters, it is anticipated that the project would substantially improve the water quality in the St Marks watershed and the Gulf of Mexico as well as the helping to protect fish and wildlife in those waters.