RESTORE Act Interest Form

Please fill out the form below to express your interest in funding a project or proposal from the RESTORE Act. (Additional pages may be used, if needed.) Completion of this form does not guarantee funding.

Project Name: Haldeman Creek & Winter Park Weir Replacement
Project Sponsor: Collier County Natural Resources
Contact Person: Jerry Kurtz
Address: 2800 N. Horseshoe Dr., Naples, Fl 34104
Phone: (239) 252-5860
Email: GeraldKurtz@colliergov.net

Project Type according to the Allowable Uses for RESTORE Act Funds:

- Restoration and protection of the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast region
- Mitigation of damage to fish, wildlife, and natural resources
- Implementation of a federally approved marine, coastal, or comprehensive conservation management plan, including fisheries monitoring
- Workforce development and job creation
- Improvements to or on State parks located in coastal areas affected by the Deepwater Horizon oil spill
- Infrastructure projects benefitting the economy or ecological resources, including port infrastructure
- Coastal flood protection and related infrastructure
- Activities to promote tourism and seafood in the Gulf coast region

The Board of County Commissioners has adopted Guiding Principles relating to project proposals:

1. Projects provide positive environmental and economic benefits, including job creation.
2. Projects are consistent with local government comprehensive plans and community priorities.
3. Projects incorporate other funding partners to fully leverage grant resources.
4. Projects meet the funding criteria set forth in the RESTORE Act.
5. Projects selected will be diverse and address all our community’s eligible needs, including coastal and ecosystem restoration and development, flood protection, and tourism promotion.

Project location (attach map if applicable):

Project Description (describe how the proposal applies to an Allowable Use & a Guiding Principle)

Total Cost: Additional Funding Partners or sources of matching funding if available (RESTORE Act funds):

Suggested implementation timeline:

Mail completed form to: William Lorenz, Director
Natural Resources Department
2800 North Horseshoe Drive
Naples, Fl 34104

For additional information please call 239-252-2951 or 239-252-8113
PROJECT LOCATION:

The Haldeman Creek weir is located on the north side of US 41, one quarter mile east of the US 41 and Airport Road intersection in the East Naples area. The Winter Park Weir is located approximately 350 feet northeast of the Haldeman Creek weir.

Haldeman Weir

Winter Park Weir
PROJECT DESCRIPTION:

Both weirs were constructed in the 1970s and have reached the end of their operable lifecycle. The Winter Park weir is a fixed structure and may be able to be repaired if necessary. Due to documented structural and mechanical deficiencies as well as operational and maintenance issues (2012 CH2MHiIl Report), this project is being initiated to first evaluate the existing conditions of the basin, verifying peak discharge rates and stages, and based on findings, recommend the degree of necessary remediation. Due to the weir’s proximity to the Winter Park weir, as well as a similar current conditional rating, evaluation of the WP weir is also included. Subsequent efforts will include design, permitting and construction activities necessary for weir repairs, removal of one weir, weir replacement, or combination thereof.

The Haldeman Creek weir consists of two (2) Amil Gates. Operation and maintenance staff have documented issues with this structure for several years. Concern with the condition and performance of the weir during storm events led to the request to evaluate a possible structure replacement.

The current condition of the gate mechanisms is of concern related to operational and maintenance issues. Adjustments which may be necessary for releasing water in preparation for a system pre-storm drawdown during the wet season or to handle peak stages due to excessive rainfall amounts have become difficult - flood protection control (RESTORE Act allowable use 7). As well, the gates may not allow for adjustment to meet the current water management

Winter Park Weir
objectives for dry season water supply storage, controlling fresh water discharges to Haldeman Creek and Naples Bay – **natural resource protection (RESTORE Act allowable use 1 and 6)**.

New water control structures, including provisions for a more efficient system of operable control gates if warranted, will provide management flexibility for water conservation and replacing and/or improving this structure is a part of Collier County’s Stormwater Five-Year Capital Improvement Plan (**RESTORE Act Guiding Principals 1, 2, & 5**).

**TOTAL COST:**

The project design and permitting effort has just started. Current cost estimates are conceptual based on data from similar recently completed projects. The analysis to be completed as part of the design process will assist with evaluation of the alternatives. Project costs will vary based on alternatives selected.

$700,000 - $1,000,000  (new Haldeman weir, demo/remove WP weir – full replacement both weirs)

**SUGGESTED IMPLEMENTATION TIMELINE:**

Design and permitting will continue through 2013. Should RESTORE Act funds become available, construction could begin sometime in 2014. Weather conditions will also need to be considered. This project will be initiated during the beginning of the dry season only. There is no land acquisition requirement associated with this project.