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: **Stormwater Beach Outfall Removal - Phase I**
Project Sponsor (your organization): City of Naples, Florida
Contact Person: Gregg Strakaluse, Streets & Stormwater Department Director
Address: 380 Riverside Circle, Naples, FL 34102
Phone: (239) 213-5003 Email: gstrakaluse@naplesgov.com

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*
- *Infrastructure projects benefitting the economy or ecological resources, including port infrastructure*

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): Naples Bay
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: Please see attached.

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 #3: Stormwater Beach Outfall Removal: Phase I

Project Location:

- Extend existing outfalls #2 & #3 by 25'
- Outfalls #9 & #10 recommended to be removed
- Flow from Outfalls #9 & #10 recommended to be re-directed to Basin III

Legend:
- Outfall Location
- Existing Stormwater Main
- Gravity Stormwater Main
- Basin II
- Demolition

City of Naples Beach Outfall Management Evaluation

Alternative 1
Integration of Beach Outfalls with Planned Beach Re-nourishment Project

Naples Beaches & Gulf Shore Boulevard, Naples, Florida
**PROJECT DESCRIPTION:** The City of Naples maintains nine stormwater outfall pipes sporadically located over a mile of pristine Naples beaches. These pipes discharge large volumes of stormwater that drain from upland areas and stormwater lakes. The FDEP has expressed concerns over impacts from these outfalls that include sea turtle nesting, erosion, water quality and lateral access by beachgoers. Additionally, there is public concern over the visual impacts of these pipes on the beach to commercial tourism and recreation. In 2012, the City commissioned a $200,000 technical report to evaluate several alternatives to reduce the impacts by consolidating and eliminating outfalls.

One of the recommended alternatives addresses the southern two beach outfalls. This project eliminates two stormwater outfall pipes from the beach and redirects stormwater to the neighboring drainage basin, through a stormwater pump station, then out to Naples Bay. In preparation of this project, the City has already spent approximately $225,000 to up-size storm sewer pipes to the south to accommodate the future flows from the southern two beach outfalls. By processing the stormwater through the pump station, the City has the ability to screen debris from the discharge water, thereby improving water quality before discharging to Naples Bay.
This project meets the following 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 (Diverts stormwater from discharge into the Gulf of Mexico via pipes on the beach thereby eliminating ecological impacts);
- Workforce development and job creation (Est. 9 FTE's);
- Improvements to or on State parks located in coastal areas affected by the Deepwater Horizon oil spill (Improves turtle nesting, lateral access, water quality and sand preservation of State controlled beach area.)
- Infrastructure projects benefitting the economy or ecological resources, including port infrastructure (Provides new alternative infrastructure to the existing beach outfall pipes).

This project meets the following Guiding Principles developed by the County Commissioners:

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.
TOTAL COST:

Total Project Cost: $1,375,000  
Total Spent To Date: $425,000 - Eng., Design, Permitting & Construction  
Funding Request: $750,000 - Construction  
Future City Contribution: $200,000 - Design & Construction Inspection

The 2009 design, permitting and construction of up-sized storm sewers to accommodate the southern two beach outfalls cost approximately $225,000. Additionally, the City of Naples has invested $200,000 in developing the 2013 Beach Outfall Engineering Report & Analysis. The remaining design, permitting and construction cost to eliminate the southern two beach outfalls and redirect stormwater flows to the neighboring drainage basin is $750,000. The City is prepared to fund construction inspection services for this work.

IMPLEMENTATION TIMELINE: With an accelerated design and permitting approach, this project could be ready to advertise for construction by mid-summer 2013.