

Paperwork Reduction Act Information

Natural Resource Damage Assessment Restoration Project Information Sheet

Responses to this collection are voluntary. Collection of restoration project information will be undertaken in order to provide information to Natural Resource Trustees to develop potential restoration alternatives for natural resource injuries and service losses requiring restoration during the restoration planning phase of the Natural Resource Damage Assessment (NRDA) process. Public reporting burden for this collection of information is estimated to average 20 minutes including the time for reviewing instructions, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspects of this collection of information, including suggestions for reducing this burden, to the NOAA Fisheries Office of Habitat Conservation, Restoration Center, Louisiana State University, Sea Grant Building, Room 124C Baton Rouge, LA 70803.

Notwithstanding any other provision of the law, no person is required to respond to, nor shall any person be subject to penalty for failure to comply with, a collection of information subject to the requirements of the Paperwork Reduction Act, unless that collection of information displays a currently valid OMB Control Number.

The identity of respondents will not remain confidential. The information collected will be reviewed for compliance with the NOAA Section 515 Guidelines established in response to the Treasury and General Government Appropriations Act, and certified before dissemination.

Natural Resource Damage Assessment (NRDA)

Restoration Project Information Sheet

Guidelines for Completion

Please complete all of the information requested with the best information that you have available. Limited attachments are acceptable if they are necessary to adequately describe the project, however every effort should be made to have all pertinent information included on the Restoration Project Information Sheet. Below are specific guidelines for completion.

A. General Information

Organization: The name of the organization or agency submitting the information.
If you are applying as an individual indicate by filling this section with "N/A".

Contact Name: The first and last name of a person who can be contacted for additional information.

Title: The title (or position) of the above individual.

Address: The mailing address of the above individual or organization.

Phone number/Email: The phone number and email of the above individual.

Organization Website: The web page of the above organization or agency.

B. Project Information

Type of Project: A project is considered a "Change to an Existing Project" if the project has been previously submitted through the NRDA project information sheet.

Project ID Number If the project is considered a change to an existing project, the Project ID is the unique number given upon submission through the NRDA project information sheet. Otherwise, leave this blank.

Project name: The common name of the project, usually a combination of location and restoration activity (e.g., Cross Bayou Mangrove Restoration).

Location: The location where the restoration activity will take place (e.g., East Timbalier Island).

State: Two-letter abbreviation of the state (s) where the project will take place.
If the project occurs across several states list all states separated by commas.

County/Parish: County or Parish where the project will be completed. If the project occurs across multiple counties or parishes list only the primary county or parish name.

Watershed/Basin: The watershed where the project will be completed. If the project occurs across multiple watersheds list only the primary watershed.

Latitude/Longitude: Provide a latitude/longitude of the central location of the project activity. If the activity occurs over a large area you may also attach a map of the area of the activity.

Project Size: The size of the area where project activities will occur; designated by linear miles, acres, or tonnage (e.g., area of plantings in a riparian buffer).

Affected Area: The area affected or influenced by the project activity; designated by acres (e.g., area of water quality improvement as a result of riparian buffer plantings).

C. Project Description

A description of the project objectives, activities to be completed and expected outcomes; including information on the benefits of this project to the public and environment. If applicable, use this section to provide additional refinement to habitat and/or resource benefit (e.g., cypress wetland, barrier island). In addition, feel free to attach other information, maps, or diagrams concerning your project. Maximum 2,500 characters.

D. Project Activity(s)

The type of activity the project will complete to address the impacts to priority resources or habitats. Check all that apply.

Restoration: Activities conducted to create, enhance, or restore an injured resource or habitat.

Protection: Activities conducted to protect a resource or habitat by removing the threat to that resource or habitat (e.g., shoreline stabilization, buoys or markers, nest protection).

Debris Removal: Removal of debris to restore and protect a resource or habitat.

Land Acquisition: The acquisition and conservation of land in perpetuity to protect priority resources or habitats.

Maintenance/Management: Activities conducted to maintain or manage the quality of a resource or habitat (e.g., prescribed burns).

Education: Education of a targeted audience to restore or protect priority resources or habitats.

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Guidelines for Completion *(continued)*

E. Project Habitat(s)

The type of habitat that the project activities are located within or will benefit. Check all that apply.

<i>Upland:</i>	Regions located away from coastlines and the floodplains of rivers, streams, and other bodies of water.
<i>Riverine:</i>	Regions located within or adjacent to open freshwater areas that occur within a defined channel.
<i>Marine/Estuarine Wetlands:</i>	Regions that are inundated or saturated by saltwater on a consistent basis.
<i>Freshwater Wetlands:</i>	Regions that are inundated or saturated by freshwater (e.g., surface or groundwater) on a consistent basis to support saturation tolerant plant species.
<i>Beach/Dune:</i>	Regions along a sandy shoreline that include the area from the mean low tide through the dune system.
<i>Subtidal (nearshore/offshore):</i>	Coastal regions that are permanently inundated with salt water (e.g., ocean).

F. Resource Benefit(s)

Primary resources that would benefit from the project. Check all that apply.

<i>Marine Mammals:</i>	Whales (dolphin), Manatees, Otters, etc.
<i>Birds:</i>	All birds
<i>Reptiles/amphibians:</i>	Sea turtles, alligators, snakes, lizards, frogs, etc.
<i>Fish:</i>	Nearshore and offshore fish
<i>Shellfish:</i>	Oysters, shrimp, crabs, etc.
<i>Terrestrial Wildlife:</i>	All upland animals
<i>Corals:</i>	Shallow and deep water corals
<i>Vegetation:</i>	All plants (e.g., submergent, emergent, and terrestrial)
<i>Water column:</i>	Water quality and plankton
<i>Sediment / Benthos:</i>	Sediment permanently inundated with water, and organisms associated with the sediment (e.g., worms)
<i>Shoreline:</i>	Land area adjacent to water (e.g., beaches, marsh)
<i>Human Use:</i>	Improved recreation, infrastructure, community resilience, etc.
<i>Status Species:</i>	Will this project directly benefit State or Federally listed threatened and/or endangered species? If so, please list them. If not, please indicate N/A.

G. Project Status

Property/Resource Acquisition:	Acquisition of the property, resource, or landowner agreements (e.g., easements) in which the project activity will occur. Indicate the status by selecting NOT STARTED, IN PROGRESS, COMPLETED, or N/A.
Planning/Design:	Project planning and engineered design of the project activity. Indicate the status by selecting NOT STARTED, IN PROGRESS, COMPLETED, or N/A.
Permitting:	Acquisition of all local, state, and federal permits needed to implement the project activity (e.g., NEPA). Indicate the status by selecting NOT STARTED, IN PROGRESS, COMPLETED, or N/A.
Time to Implementation:	Number of months required to prepare for the start of project activity.
Time to Completion:	Following the start of the project, number of months required to complete the project activity.
Regional Planning:	Is this project included under a regional or statewide plan/initiative? (YES or NO) If yes, please list the plan/initiative in the space provided.

H. Project Cost

<i>Estimated Cost:</i>	The total cost of the project including any funds contributed by the applicant or other organizations (e.g., match funds).
<i>Funding available:</i>	Monies (from the applicant or partnering organizations/agencies) already committed for partial funding of the project activity. Indicate amount in the adjacent box.

H. Project Partners

Please provide the name, contact, and involvement (equipment, matching funds, design, etc.) of other organizations or agencies with the project activities.

Natural Resource Damage Assessment (NRDA)

Restoration Project Information Sheet

A General Information

Organization Gannett Fleming, Inc.			
Contact Name (First Last) John Dougherty		Title P.E., Senior Vice President	
Address 10751 Deerwood Park Boulevard, Suite 140		City Jacksonville	State FL
Phone Number 904-998-9809 ext.		Email jdougherty@GFNET.com	
Organization Website http://www.gfnet.com/			

B Project Information

Type of Project New Project		If this is a Change to an Existing Project, enter the Project ID Number	
Project Name Seagrass Restoration and WQ Management in Big Lagoon Estuary			
Location (e.g. John Smith National Wildlife Refuge) Fort McRee National Seashore & Big Lagoon State Park			
State(s) (Use 2-letter abbreviations separated by commas) FL		County/Parish Escambia	Watershed/Basin Florida Panhandle
Latitude (decimal degrees) 30.298834	Longitude (decimal degrees) -87.41014	Project Size (Choose one) miles 5 acres tons	Affected Area 2,500 acres

C Project Description

Please provide more information about the proposed project. (Limit 2,500 characters.)

The proposed project consists of installing an ocean inlet pipeline across the barrier island to deliver transparent, high-salinity, low-nutrient seawater into the degraded estuary. An in-line, high-volume pump station is to be operated by remote control as determined by data collected from a variety of in-situ sensors and public data sources within the respective watershed. The objectives include active regulation of residence time, salinity, nutrient concentration and water clarity with the goal of providing optimum conditions for proliferation of seagrasses and increased aquatic species diversity.

The pipeline crossing is to be located near the southwest end of the estuary. Pump operation generally will occur during the ebb tide with shut-off during the flood tide to allow for mixing of seawater and estuarine waters. Benefits accrue over time from the point of delivery to the ocean inlet. During low rainfall periods, no pumping may be required; during high rainfall periods, continuous pumping may be conducted to provide a benthic layer of seawater for protection of seagrass beds.

Installed project cost=\$4,800/ac ; Restored Economic Benefit Value=\$20,500/ac/yr
Estimated Benefit::Cost Ratio= 4.27

Long term station operation and estuary management will be the responsibility of state and/or local government with a funding mechanism established by NRDA.

Project success will be measured under the quality ranking process cooperatively established by NOAA and IMAR through the ASSETS software – Assessment of Estuarine Trophic State (<http://www.eutro.org>); and by annual comparison of standing seagrass acreage and blade density with pre-project conditions. These results will ultimately determine the quantity of environmental offsets achieved on behalf of the Deepwater Horizon Oil Spill damage assessment.

Natural Resource Damage Assessment (NRDA)

Restoration Project Information Sheet *(continued)*

D Project Activity(s)

(Check all that apply)

☒ Restoration

☒ Protection

☐ Debris Removal

☐ Land Acquisition

☒ Maintenance/Management

☐ Education

E Project Habitat(s)

(Check all that apply)

☐ Upland

☐ Riverine

☒ Marine/Estuarine Wetlands

☐ Freshwater Wetlands

☐ Beach/Dune

☐ Subtidal (Nearshore/Offshore)

F Resource Benefit(s)

(Check all that apply)

☒ Marine Mammals

☒ Birds

☒ Reptiles/Amphibians

☒ Fish

☒ Shellfish

☐ Terrestrial Wildlife

☐ Corals

☒ Vegetation

☒ Water Column

☐ Sediment/Benthos

☐ Shoreline

☒ Human Use (Recreational, Cultural)

Will the project directly benefit State- or Federally-listed species? If so, please list them. If not, please indicate N/A.

Manatees, sea turtles, Gulf & shortnose sturgeon, largemouth sawfish, bald eagles

G Project Status

Property/Resource Acquisition Not Started

Project Planning/Design In Progress

Project Permitting. Not Started

Time to Implementation

0-3 months

Time to Project Completion

1-5 years

Is this project included under a regional or statewide plan?

If so, please list:

No

H Project Costs

Estimated Cost

\$12,000,000.00

Funding Available

\$0.00

I Project Partners

Partner 1 Organization

Escambia County, Florida

Partner 1 Contact

Partner 1 Involvement

Partner 2 Organization

Florida Department of Environmental Protection, C.A.M.A.

Partner 2 Contact

Partner 2 Involvement

Partner 3 Organization

Partner 3 Contact

Partner 3 Involvement

Disclaimer:

The submission of project information **does not** guarantee project funding. Projects will be evaluated using criteria identified in OPA, NEPA, implementing regulations, and related laws. Selection and funding determinations will be made by the Trustee Council.