

Natural Resource Damage Assessment (NRDA)

Restoration Project Information Sheet

A General Information

Organization Okaloosa County			
Contact Name (First Last) Jim Trifilio		Title Coastal Management Coordinator	
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		ZIP 32548	
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Organization Website www.okaloosaf.com			

B Project Information

Project Name Okaloosa Island and Western Destin Beach Restoration Projects			
Location (e.g. John Smith National Wildlife Refuge) Okaloosa Island and Western Destin			
State(s) (Use 2-letter abbreviations separated by commas) FL	County/Parish Okaloosa	Watershed/Basin Choctawhatchee	
Latitude (decimal degrees)	Longitude (decimal degrees)	Project Size (Choose one) 4.5 miles <input type="text"/> acres <input type="text"/> tons <input type="text"/>	Affected Area 80 acres

C Project Description

Please provide more information about the proposed project. (Limit 2,750 characters.)

Okaloosa Island Beach Restoration Project:

The Okaloosa Island Beach Restoration Project includes one beach segment totaling 2.8 miles. The project extends from FDEP monuments R-1 to R-15.

The proposed construction template, designed to achieve pre-Hurricane Opal beach widths, will advance the existing MHW shoreline approximately 168 ft seaward on average. Initial construction requires placement of about 985,700 cubic yards (cy) of beach quality sand, which provides an average beach fill volume of 62.4 cy/ft.

The proposed project design includes a 40-ft wide vegetated dune crest at 14 ft NAVD, a 60-ft wide back berm at 8.5 ft NAVD, and a variable width berm at 5.5 ft NAVD. Transitional slopes include a 1V:4H slope from the dune crest to the back-berm, a 1V:10H slope from the back-berm to the berm, and a 1V:10H slope from the seaward edge of the berm out to the existing sea bottom. In areas where the landward edge of the dune crest doesn't tie into the existing dune, the landward dune face will slope 1V:4H down to the existing topography.

Complete information contained in the Joint Coastal Permit Application is located at http://bcs.dep.state.fl.us/env-prmt/okaloosa/pending/0286020_Okaloosa_Island_Beach_Restoration/

Western Destin Beach Restoration Project:

The Western Destin Beach Restoration Project includes a 1.7-mile stretch of the Okaloosa County coastline between the east jetty of East Pass (approximately 200 ft west of FDEP reference monuments R-17) and R-25.5 (i.e., 500 ft east of reference monument R-25). Figure 2.1 illustrates a location map. The proposed construction template, designed to achieve pre-Hurricane Opal beach widths, will advance the existing MHW shoreline approximately 193 ft seaward on average. Initial construction requires placement of about 831,000 cubic yards (cy) of beach quality sand, which provides an average beach fill volume of 92 cy/ft.

The proposed project design includes a 30-ft wide vegetated dune crest at 14 ft NAVD, a 30-ft wide back berm at 8.5 ft NAVD, and a variable width berm at 5.5 ft NAVD. Transitional slopes include a 1V:4H slope from the dune crest to the back-berm, a 1V:10H slope from the back-berm to the berm, and a 1V:10H slope from the seaward edge of the berm out to the existing sea bottom.

Complete information contained in the Joint Coastal Permit Application is located at:

http://bcs.dep.state.fl.us/env-prmt/okaloosa/pending/0286575_Western_Destin_Beach_Restoration_Project/

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Restoration Project Information Sheet *(continued)*

D Project Type(s) *(Check all that apply)*

<input checked="" type="checkbox"/> Restoration	<input type="checkbox"/> Debris Removal	<input checked="" type="checkbox"/> Maintenance/Management
<input checked="" type="checkbox"/> Protection	<input type="checkbox"/> Land Acquisition	<input type="checkbox"/> Education

E Project Habitat(s) *(Check all that apply)*

<input type="checkbox"/> Upland	<input type="checkbox"/> Marine/Estuarine Wetlands	<input checked="" type="checkbox"/> Beach/Dune
<input type="checkbox"/> Riverine	<input type="checkbox"/> Freshwater Wetlands	<input type="checkbox"/> Subtidal (Nearshore/Offshore)

F Resource Benefit(s) *(Check all that apply)*

<input checked="" type="checkbox"/> Marine Mammals	<input type="checkbox"/> Shellfish	<input type="checkbox"/> Water Column
<input checked="" type="checkbox"/> Birds	<input type="checkbox"/> Terrestrial Wildlife	<input type="checkbox"/> Sediment/Benthos
<input checked="" type="checkbox"/> Reptiles/Amphibians	<input type="checkbox"/> Corals	<input checked="" type="checkbox"/> Shoreline
<input type="checkbox"/> Fish	<input checked="" type="checkbox"/> Vegetation	<input checked="" type="checkbox"/> 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.

Loggerhead, Kemp's Ridley, Hawksbill and Green Turtles and Piping Plovers

G Project Status

Property/Resource Acquisition	In Progress	▼	Time to Implementation	7-12 months	▼
Project Planning/Design	Completed	▼	Time to Project Completion	1-5 years	▼
Project Permitting.	In Progress	▼			

Is this project included under a regional or statewide plan?
 If so, please list:

H Project Costs

Estimated Cost	\$25,000,000.00	Funding Available	\$10,000,000.00
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I Project Partners

Partner 1 Organization
City of Destin

Partner 1 Contact: Greg Kisela | Partner 1 Involvement: Planning and Organization

Partner 2 Organization:

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.