

FY2023/2024 Local Government Funding Request

Final Beach Project Assessment

Project Name	Pensacola Beach Nourishment
Local Sponsor	Santa Rosa Island Authority

Initial Assessment	8/18/2022
Group Assessment	9/2/2022
Draft Assessment	9/14/2022
Final Review	10/20/2022

Project Description
The Pensacola Beach Nourishment Project is located between DEP reference monuments R- 107 and R- 151 in Escambia County. Initial restoration was completed in 2003 with a repair project completed in 2006 after Hurricane Ivan. A full nourishment was completed in 2016. Impacts of Hurricane Sally in 2020 damaged the dunes. The requested funds are for design for a maintenance nourishment project. Staff have determined that 100% of the project is eligible for state cost sharing.

Funds will be used for (list project phase, specify which phase is reimbursement, if applicable)
Design

State cost share %	50.00%
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Project Budget Table					
	State %	Federal	State	Local	Total
Feasibility	0.00%	\$0	\$0	\$0	\$0
Design	50.00%	\$0	\$125,000	\$125,000	\$250,000
Construction	0.00%	\$0	\$0	\$0	\$0
Year 1 Monitoring	0.00%	\$0	\$0	\$0	\$0
Year 2+ Monitoring	0.00%	\$0	\$0	\$0	\$0
Total Project Costs		\$0	\$125,000	\$125,000	\$250,000

Federal cost share %	0.00%
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Federal agency and description	N/A
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TOTAL PROJECT SCORE (100 points)	28.2
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Tier 1

Tourism-related impacts

Return on investment (10 points)	Score	0
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Local Sponsor:

Project is not requesting construction funds.

Department:

Project is not requesting construction funds and therefore not eligible for the award of

Construction + Year 1 Monitoring Cost:

N/A

Value:

N/A

Economic impact (10 points)	Score	7.1
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Local Sponsor:

N/A

Department:

Escambia County, 2021 data. Tourism-related sales tax data = \$46,302,072.77. County sales tax collections = \$456,081,482.05

Value:

10.15

Tier 2

Federal involvement

Federal authorization (5 points)	Score	0
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Local Sponsor:

No

Department:

Verified

Federal cost share (5 points)	Score	0
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Local Sponsor:

No

Department:

Verified

Federal funds available (5 points)	Score	0
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Local Sponsor:

No

Department:

Verified

Storm damage reduction benefits

Current conditions (8 points)	Score	3.3
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Local Sponsor:

476,700 cy lost

Department: Beach restoration was completed in September 2016 with the latest survey received by the Department in May 2021. 61.6% of the 798,052 cy of advanced nourishment was lost over this interval for a total score of $-\log(1-.616) \times 8 = 3.3$ points.

CEG calculated value: 61.62%

Threat to upland development (2 points)	Score	0
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Local Sponsor: N/A

Department: No properties were found to be vulnerable using the May 2021 survey profiles. Therefore, 0 points are awarded.

CEG calculated value: 0

Value of upland property (5 points)	Score	3.6
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Local Sponsor: N/A

Department: Calculated using GIS 2021 data.
Total value: \$2,532,740,577.00

Cost-effectiveness

Cost/volume/mile/year (10 points)	Score	0
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Local Sponsor: No proposed sand placement

Department: The project is not requesting constructions funds and therefore not eligible for the award of points.

Value: 0

Enhanced longevity, dune addition, innovative technology, and regionalization (5 points)	Score	3
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Local Sponsor: N/A

Department: Project includes an enhanced dune and therefore eligible for the award of 3 points.

Tier 3

Previous state commitment

Previously funded phases (1 point)	Score	1
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Local Sponsor: Yes

Department: Verified

Total amount of previous funding (3 points)	Score	2
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Local Sponsor: N/A

Department: Fiscal year 2013/2014 through 2022/2023

Total funds: \$9,188,552.00

Previous partial appropriation (1 point)	Score	0
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Local Sponsor: No

Department: Verified

Recreational benefits

Accessible beach area (2 points)	Score	1.5
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Local Sponsor: 3,904,392 sqft- May 2013 MHWL

Department: Accessible beach area was calculated utilizing the May 2013 MHWL which is bound by the ECL on the landward edge. Pensacola Beach Design Analysis, page 21.

Total area: 3,964,043 ft²

Recreational benefits (3 points)	Score	1.7
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Local Sponsor: 57.80%

Department: Verified

Percentage: 57.80%

Mitigation of inlet effects (5 points)	Score	0
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Local Sponsor: N/A

Department: The project is not in an area of inlet influence and therefore not eligible for the award of points.

CEG calculated value: 0

Volume/mile/year (5 points)	Score	0
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Local Sponsor: N/A

Department: The project is not requesting construction funds and therefore not eligible for the award of points.

CEG calculated value: N/A

Tier 4

Successive unfunded requests (5 points)	Score	0
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Local Sponsor: No

Department: Verified

Environmental habitat enhancement (5 points)	Score	0
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Local Sponsor: No

Department: The project boundary intersects the critical habitat area. 0.6% of the project length is armored, which is below the 30% threshold and not eligible for the award of points.

Overall readiness to proceed

Readiness to construct (1 point)	Score	1
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Local Sponsor: N/A

Department: Verified

Active permits (1 point)	Score	1
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Local Sponsor: Yes

Department: Verified- both state and federal permits

Easements acquired (1 point)	Score	1
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Local Sponsor: Yes

Department: Verified

Local funds secured (1 point)	Score	1
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Local Sponsor: Yes

Department: Resolution was submitted by application deadline.

Erosion Control Line established (1 point)	Score	1
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Local Sponsor: Yes

Department: Verified