

## FY2023/2024 Local Government Funding Request

### Draft 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       |           |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>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.</p> |

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

|                    |        |
|--------------------|--------|
| State cost share % | 50.00% |
|--------------------|--------|

| 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              |
| <b>Total Project Costs</b> |         | <b>\$0</b> | <b>\$125,000</b> | <b>\$125,000</b> | <b>\$250,000</b> |

|                                |       |
|--------------------------------|-------|
| Federal cost share %           | 0.00% |
| Federal agency and description | n/a   |

|                                         |      |
|-----------------------------------------|------|
| <b>TOTAL PROJECT SCORE (100 points)</b> | 28.4 |
|-----------------------------------------|------|

## Tier 1

### Tourism-related impacts

|                                  |       |   |
|----------------------------------|-------|---|
| Return on investment (10 points) | Score | 0 |
|----------------------------------|-------|---|

Local Sponsor: Project is not requesting construction funds.

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

Construction + Year 1 Monitoring Cost: n/a  
Value: n/a

|                             |       |     |
|-----------------------------|-------|-----|
| Economic impact (10 points) | Score | 7.3 |
|-----------------------------|-------|-----|

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 |
|----------------------------------|-------|---|

Local Sponsor: no

Department: verified

|                               |       |   |
|-------------------------------|-------|---|
| Federal cost share (5 points) | Score | 0 |
|-------------------------------|-------|---|

Local Sponsor: no

Department: verified

|                                    |       |   |
|------------------------------------|-------|---|
| Federal funds available (5 points) | Score | 0 |
|------------------------------------|-------|---|

Local Sponsor: no

Department: Verified

### Storm damage reduction benefits

|                               |       |     |
|-------------------------------|-------|-----|
| Current conditions (8 points) | Score | 3.3 |
|-------------------------------|-------|-----|

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  $-\log(1-0.616) \times 8 = 3.3$  points.

**CEG calculated value:** 61.62%

|                                                |              |   |
|------------------------------------------------|--------------|---|
| <b>Threat to upland development (2 points)</b> | <b>Score</b> | 0 |
|------------------------------------------------|--------------|---|

**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

|                                            |              |     |
|--------------------------------------------|--------------|-----|
| <b>Value of upland property (5 points)</b> | <b>Score</b> | 3.6 |
|--------------------------------------------|--------------|-----|

**Local Sponsor:** n/a

**Department:** Calculated using GIS 2021 data.

**Total value:** \$ 2,532,740,577.00

#### Cost-effectiveness

|                                          |              |   |
|------------------------------------------|--------------|---|
| <b>Cost/volume/mile/year (10 points)</b> | <b>Score</b> | 0 |
|------------------------------------------|--------------|---|

**Local Sponsor:** no proposed sand placement

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

**Value:**

|                                                                                                 |              |   |
|-------------------------------------------------------------------------------------------------|--------------|---|
| <b>Enhanced longevity, dune addition, innovative technology, and regionalization (5 points)</b> | <b>Score</b> | 3 |
|-------------------------------------------------------------------------------------------------|--------------|---|

**Local Sponsor:** n/a

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

### Tier 3

#### Previous state commitment

|                                           |              |   |
|-------------------------------------------|--------------|---|
| <b>Previously funded phases (1 point)</b> | <b>Score</b> | 1 |
|-------------------------------------------|--------------|---|

**Local Sponsor:** yes

**Department:** verified

|                                                    |              |            |
|----------------------------------------------------|--------------|------------|
| <b>Total amount of previous funding (3 points)</b> | <b>Score</b> | <b>2.1</b> |
|----------------------------------------------------|--------------|------------|

**Local Sponsor:** N/A

**Department:** Fiscal year 2013/2014 through 2022/2023

**Total funds:** \$ 9,188,552.00

|                                                 |              |          |
|-------------------------------------------------|--------------|----------|
| <b>Previous partial appropriation (1 point)</b> | <b>Score</b> | <b>0</b> |
|-------------------------------------------------|--------------|----------|

**Local Sponsor:** no

**Department:** verified

#### **Recreational benefits**

|                                         |              |            |
|-----------------------------------------|--------------|------------|
| <b>Accessible beach area (2 points)</b> | <b>Score</b> | <b>1.4</b> |
|-----------------------------------------|--------------|------------|

**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 ft<sup>2</sup>

|                                         |              |            |
|-----------------------------------------|--------------|------------|
| <b>Recreational benefits (3 points)</b> | <b>Score</b> | <b>1.7</b> |
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**Local Sponsor:** 57.80%

**Department:** verified

**Percentage:** 57.80%

|                                               |              |          |
|-----------------------------------------------|--------------|----------|
| <b>Mitigation of inlet effects (5 points)</b> | <b>Score</b> | <b>0</b> |
|-----------------------------------------------|--------------|----------|

**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

|                                    |              |          |
|------------------------------------|--------------|----------|
| <b>Volume/mile/year (5 points)</b> | <b>Score</b> | <b>0</b> |
|------------------------------------|--------------|----------|

**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

|               |
|---------------|
| <b>Tier 4</b> |
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|                                                |              |          |
|------------------------------------------------|--------------|----------|
| <b>Successive unfunded requests (5 points)</b> | <b>Score</b> | <b>0</b> |
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**Local Sponsor:** No

**Department:** Verified

|                                                     |              |          |
|-----------------------------------------------------|--------------|----------|
| <b>Environmental habitat enhancement (5 points)</b> | <b>Score</b> | <b>0</b> |
|-----------------------------------------------------|--------------|----------|

**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

|                                         |              |          |
|-----------------------------------------|--------------|----------|
| <b>Readiness to construct (1 point)</b> | <b>Score</b> | <b>1</b> |
|-----------------------------------------|--------------|----------|

**Local Sponsor:** N/A

**Department:** verified

|                                 |              |          |
|---------------------------------|--------------|----------|
| <b>Active permits (1 point)</b> | <b>Score</b> | <b>1</b> |
|---------------------------------|--------------|----------|

**Local Sponsor:** yes

**Department:** verified- both state and federal permits

|                                     |              |          |
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| <b>Easements acquired (1 point)</b> | <b>Score</b> | <b>1</b> |
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**Local Sponsor:** yes

**Department:** verified

|                                      |              |          |
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| <b>Local funds secured (1 point)</b> | <b>Score</b> | <b>1</b> |
|--------------------------------------|--------------|----------|

**Local Sponsor:** yes

**Department:** Resolution was submitted by application deadline.

|                                                   |              |          |
|---------------------------------------------------|--------------|----------|
| <b>Erosion Control Line established (1 point)</b> | <b>Score</b> | <b>1</b> |
|---------------------------------------------------|--------------|----------|

**Local Sponsor:** yes

**Department:** verified