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**AGENDA ITEM
ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS**

Deadline for Submission - Wednesday 9 a.m. – Thirteen Days Prior to BCC Meeting

9/21/2021

BCC MEETING DATE

TO: Hunter S. Conrad, County Administrator

DATE: August 26, 2021

FROM: Damon Douglas, Administrative Manager

PHONE: 209-0794

SUBJECT OR TITLE: A resolution approving a grant request to FDEP for post-construction expenses for the FEMA Dune Enhancement Project.

AGENDA TYPE: Consent Agenda, Grant, Resolution

BACKGROUND INFORMATION:

On June 15, 2021 the Commission authorized the construction of FEMA Dune Enhancement Project. The Florida Department of Environmental Protection (FDEP) permit for the project requires post-construction physical and environmental monitoring. The FDEP has begun a new Beaches and Coastal Systems grant cycle and the County is seeking funding from that program to cover a portion of the required post-construction monitoring.

1. IS FUNDING REQUIRED? Yes

2. IF YES, INDICATE IF BUDGETED. No

IF FUNDING IS REQUIRED, MANDATORY OMB REVIEW IS REQUIRED:

INDICATE FUNDING SOURCE: While there is no obligation of funding through the grant request, funding will be budgeted for the permit required monitoring activities for the project. This item is seeking reimbursement from FDEP for a portion of any approved and/or future funding.

SUGGESTED MOTION/RECOMMENDATION/ACTION:

Motion to adopt Resolution 2021-_____, authorizing the submission of the attached long range budget plan to the Florida Department of Environmental Protection, Office of Coastal Resilience and Coastal Protection, and authorizing the County Administrator, or his designee, to execute any necessary agreements concerning the beach projects with the Department of Environmental Protection upon a finding of legal sufficiency by the office of the County Attorney.

For Administration Use Only:

Legal: RL 9/7/2021

OMB: WS 9/8/2021

Admin: Joy Andrews 9/13/2021

RESOLUTION NO. 2021-_____

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, APPROVING THE TERMS AND AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO SUBMIT A BUDGET PLAN TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF COASTAL RESILIENCE AND COASTAL PROTECTION, AS REQUIRED TO SUPPORT A LOCAL GOVERNMENT FUNDING REQUEST TO SUPPORT THE FEMA DUNE ENHANCEMENT PROJECT.

WHEREAS, St. Johns County is currently working with the Federal Emergency Management Agency (FEMA) on the FEMA Dune Enhancement Project (the “Project”); and,

WHEREAS, St. Johns County will provide local cost share funding from the Category V Tourist Development Tax Budget in the FY 22 budget; and,

WHEREAS, St. Johns County will continue to serve as the local sponsor; and,

WHEREAS, construction is scheduled to commence in late summer 2021; and,

WHEREAS, the FDEP has begun a new grant cycle and St. Johns County has submitted an annual Local Government Funding Request (LGFR) to the Florida Department of Environmental Protection, Office of Coastal Resilience and Coastal Protection for the State share of the Project cost; and,

WHEREAS, the LGFR application requires a Resolution from the County to affirm the Long Range Budget Plan for the Project; and,

WHEREAS, the FDEP requires an annual contract for its local share, contingent upon annual appropriations by the legislature.

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AS FOLLOWS:

Section 1. The above Recitals are incorporated by reference into the body of this Resolution and such Recitals are adopted as findings of fact.

Section 2. A suggested Budget Plan for funding the State’s portion of the Project shall be filed with the Florida Department of Environmental Protection, Office of Coastal Resilience and Coastal Protection (the “Department”).

Section 3. The County Administrator, or designee, is hereby authorized to submit a proposed Budget Plan to the Department substantially in the form attached and to execute any necessary agreements concerning the beach projects with the Department, upon a finding of legal sufficiency by the Office of the County Attorney.

Section 4. The County Administrator’s, or designee’s, submission of any budget plan is subject to, and contingent upon, an annual budget appropriation by the Board of County Commissioners.

Section 5. To the extent that there are typographical and/or administrative errors and/or omissions that do not change the tone, tenor, or content of this Resolution, then this Resolution may be revised without subsequent approval of the Board of County Commissioners.

PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, State of Florida, this _____ day of September 2021.

**BOARD OF COUNTY COMMISSIONERS OF ST.
JOHNS COUNTY, FLORIDA**

By: _____

Jeremiah R. Blocker, Chair

ATTEST: Brandon J. Patty
Clerk of the Circuit Court & Comptroller

By: _____
Deputy Clerk



Beach Management Funding Assistance Program
Local Government Funding Request
Fiscal Year 2022/2023
Beach Projects Application

PART I: GENERAL INFORMATION

Local Sponsor

Federal ID Number (FEID)

Primary Contact Name Title

Mailing Address Line 1

Mailing Address Line 2

City Zip Code Telephone Number

Email Address

Additional Contact Information

PART II: CERTIFICATION

I hereby certify that all information provided with this application is true and complete to the best of my knowledge.

Signature of Local Sponsor Digitally signed by Damon Douglas
Date: 2021.07.30 14:56:34 -04'00'

Electronic or scanned signatures accepted.

Printed Name Date



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PART III: EVALUATION CRITERIA

1. Project Name: (as listed in the Strategic Beach Management Plan)

FEMA Emergency Berms Project, St. Johns County, R1 - R46.2, R67 - R76, R189.85 - R193.65

2. Project Description: Include county, location with reference to DEP range monuments, brief project history, and description of proposed activities.

Hurricanes Matthew and Irma caused extensive erosion of the natural beach/dune system throughout the entire coastline of St. Johns County. In response to the County's request for assistance, FEMA has approved the construction of Category B emergency berms along various segments of the county's shoreline to provide emergency protection. This project will replace roughly 480,000 cubic yards of sand lost during Hurricane Matthew and Irma over 11.5 miles of coastline. The project is scheduled to begin construction in Fall 2021. The sand will come from an upland sand mine.

The current request seeks State funding to conduct the post construction physical and biological monitoring of the FEMA Emergency Berms Project along R1 - R46.2, R67 - R76, and R189.85 - R193.65.



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3. Use of Requested Program Funds: Provide a brief description of tasks to be completed in each requested phase (Feasibility, Design, Construction, Monitoring, or USACE Multiphase). Indicate which tasks are cost reimbursement from previous fiscal years.

Funds requested for FY2022/2023 will support post-construction monitoring. Post monitoring will include physical monitoring (i.e., collection and analysis of beach) and biological monitoring (turtle nest monitoring, beach tilling, and scarp monitoring and remediation) required by FDEP permit 0402841-001-JC.

4. Map: Provide as an attachment. The map(s) of the project area must be formatted at a minimum of 1" = 200' scale and include a compass rose and legend.

Map elements must include:

- 1. Project boundary:** DEP reference monuments and shoreline designated as critically eroded
- 2. Eligibility:** Indicate lengths of eligible shoreline based on criteria outlined in Chapter 62B-36.007, F.A.C.
 - a. Beach access locations:** indicate primary or secondary access, and include the shoreline length, number and location of auto parking spaces, mass transit stops, bike parking spaces, and public restroom facilities within 1/4 mile walking distance of each access
 - b. Public lodging establishments:** include the length fronting the project shoreline, and include the length of street-side frontage for lodging within 1/4 mile walking distance of a secondary beach access location
- 3. Recreational benefits:** Comprehensive list of current land use designations of properties fronting the project shoreline
- 4. Value of upland property:** Include one-quarter mile buffer and provide a comprehensive list of the values of properties (data from year 2020) that are enclosed or intersected by the buffer. The 2020 property value tax roll data and ArcGIS shapefiles can be obtained from the Department of Revenue website: https://floridarevenue.com/property/Pages/DataPortal_RequestAssessmentRollGISData.aspx. See Guidance Document for more information.

5. Project length: Total restored project length (in feet) of the critically eroded area (as listed in the Strategic Beach Management Plan).

Total project length in critical erosion area = 5,171 ft (R-26 through R-31)



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- 7. Schedule and Budget:** Provide as a separate attachment, if needed. Clearly indicate project phase: Feasibility (F), Design (D), Construction (C), Monitoring (M), or USACE Multiphase (USACE). Include the year of post-construction monitoring in the description.
- **Cost Reimbursement:** Specify eligible costs incurred during the three years prior to the current application's fiscal year that are not in a current DEP agreement and have not been reimbursed (this includes fiscal years 19/20, 20/21, and 21/22). Eligible costs will be added to the current funding request.
 - **Current and Future Costs:** Specify eligible costs for the current application's fiscal year that are not in a current DEP agreement and have not been reimbursed as well as the estimated costs for the next 4 years. Note: If Construction costs are requested in the current fiscal year, then the Year 1 Post-Construction Monitoring costs will be added to the current funding request.

Fiscal Year	Project Phase	Description	Federal Cost	State Cost	Local Cost	Total Cost
19/20						
19/20						
19/20						
20/21						
20/21						
20/21						
21/22						
21/22						
21/22						
22/23	Monitoring	Physical Monitoring		5,171	44,829	50,000
22/23	Monitoring	Biological Monitoring		25,855	224,145	250,000
22/23						
23/24	Monitoring	Biological Monitoring		26,372	228,628	255,000
23/24						
23/24						



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Fiscal Year	Project Phase	Description	Federal Cost	State Cost	Local Cost	Total Cost
24/25	Monitoring	Physical Monitoring		6,205	53,795	60,000
24/25	Monitoring	Biological Monitoring		26,889	233,111	260,000
24/25						
25/26						
25/26						
25/26						
26/27	Monitoring	Biological Monitoring		7,239	62,761	70,000
26/27						
26/27						

8. Tourism-related impacts: Criteria is calculated by the Department using 2020 data. For reference, tax data can be obtained from the Department of Revenue website: [https://floridarevenue.com/taxes/pages/colls from 7 2003.aspx](https://floridarevenue.com/taxes/pages/colls_from_7_2003.aspx). See Guidance Document for more information.

- Current funding request includes construction and year one post-construction monitoring
- Project is managed by two or more counties

Additional comments

9. Federal involvement: The documentation to verify authorization, federal cost share percentage, and status of funding award must be provided with the application materials for the award of points.

Is the project Federally authorized by the USACE?

Authorization Year: Expiration Year:

Does this project have a signed USACE Chief's report or Civil Works Congressional authorization for the requested phase?

USACE federal cost share percentage for this project (excluding FCCE):



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Select all that apply for the requested project phase(s) and include documentation with application materials.

- Executed USACE project agreement
Included in USACE work plan
Approved FEMA Project Worksheet
Included in Congressional Appropriations Act

Other documentation: [text box]

10. Storm damage reduction benefits: Criteria is calculated by the Department.

What is the volume (cy) of advanced nourishment lost since the last sand placement event of a beach restoration or nourishment project as measured above the Mean High Water contour? Data should be consistent with the annual post-construction monitoring reports. [text box]

For restoration projects, what is the historical erosion rate? [text box]

11. Cost effectiveness: Criteria is calculated by the Department. A project design analysis and supporting documentation must be provided with the application materials for the award of points. See Guidance Document for more information.

What is the proposed sand placement volume (cy)? [text box]

What is the nourishment interval (years)? [text box]

Select all that apply for the current project funding request:

- Enhanced longevity: Propose structural or design components that could extend the beach nourishment interval
Dune addition: Incorporate new or enhanced dune structures or new or existing dune restoration and revegetation projects
Innovative technology: Propose innovative technologies designed to reduce project costs
Regionalization: Two or more local sponsors manage projects together or projects propose regional sediment management strategies to conserve sand resources or reduce project costs

Additional comments for storm damage reduction benefits and cost effectiveness

[Large empty text box for additional comments]



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12. Previous state commitment

Has the Department previously reviewed, approved, and cost-shared on a feasibility or design phase for this project?

Has the current proposed project phase(s) received a partial state appropriation within 3 years of phase completion?

Additional comments

13. Accessible beach area: Criteria is calculated by the Department. Provide additional information for consideration.

Describe the landward and seaward edge of the accessible beach width

Provide the project boundaries (R-monuments)

Provide citations of reference sources

14. Recreational benefits: Provide the percentage of linear footage within the project boundaries which is zoned recreational or open space; for commercial use; or to allow for public lodging establishment, or the equivalent. Provide additional documentation and DBPR website link in a separate attachment, if needed.

15. Mitigation of inlet effects: Criteria is calculated by the Department.

Additional comments

16. Successive unfunded requests

Is the current proposed project phase(s) a successive, unfunded request? If so, how many years of successive request(s) is the current application?

Does the successive request add the construction phase?



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17. Environmental habitat enhancement: Criteria is calculated by the Department. See Guidance Document for more information.

Is the project within a designated critical habitat area for threatened or endangered species that is subject to extensive shoreline armoring?

Is the project within a non-designated area where extensive shoreline armoring threatens the habitat of threatened or endangered species?

If yes to either of the above, does the project exceed best management practices to incorporate turtle-friendly designs and management strategies to protect resources or benefit critical habitat preservation?

Provide an explanation and supporting documentation for the strategies which exceed best management practices

18. Readiness to construct

Does the project have an active state permit?

Does the project have an active federal permit?

Permit number

Permit number

Authorization date

Authorization date

Expiration date

Expiration date

Have all necessary easements been acquired for the upcoming or proposed construction phase?

Has the necessary local funding been secured for the proposed project? If so, provide a copy of the draft Resolution. The signed Resolution is due by September 21, 2021.

Is an Erosion Control Line established along the project length?

Additional comments for readiness to construct

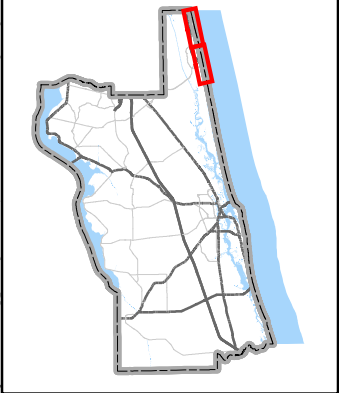


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Provide additional information and comments below or attach supporting documents.

A large, empty rectangular box with a thin black border, intended for providing additional information and comments or attaching supporting documents.

Map Panel Index



- R-001
- R-002
- R-003
- R-004
- R-005
- R-006
Public Lodging 1, 2,353 feet
- R-007
PVB #1A, SA, 10 feet, BR - 5
- R-008
PVB #2, SA, 10 feet
- R-009
PVB #3, SA, 10 feet
- R-010
PVB #4, SA, 10 feet, BR - 5
- R-011
PVB #5 San Diego Rd, SA, 10 feet, BR - 5
- R-012
PVB #6, SA, 10 feet
- R-013
PVB #7, SA, 10 feet
- R-014
PVB #8 Solano Rd, SA, 10 feet
- R-015
PVB #9, SA, 10 feet
- R-016
PVB #10, SA, 10 feet
- R-017
PVB #11, SA, 10 feet
- R-018
PVB #12, SA, 10 feet, BR - 5
- R-019
PVB #13, SA, 10 feet
- R-020
PVB #14, SA, 10 feet, PS - 13 (Corona Rd.)
- R-021
Public Lodging 2, 636 feet
- R-022
Public Lodging 3, 255 feet
- R-023
Public Lodging 4, 303 feet
- R-024
Public Lodging 6, 213 feet
- R-025
Public Lodging 5, 10 feet
- R-026
Public Lodging 7, 213 feet
- R-027
Public Lodging 8, 213 feet
- R-028
Public Lodging 9, 211 feet
- R-029
Public Lodging 11, 213 feet
- R-030
Public Lodging 12, 213 feet
- R-031
Public Lodging 10, 213 feet
- R-032
Public Lodging 13, 209 feet
- R-033
Public Lodging 14, 209 feet
- R-034
Public Lodging 15, 209 feet
- R-035
Public Lodging 16, 209 feet
- R-036
- R-037
- R-038
- R-039
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- R-041
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- R-046

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- R-025
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- R-032
- R-033
- R-034
- R-035
- R-036
- R-037
- R-038
- R-039
- R-040
- R-041
- R-042
- R-043
- R-044
- R-045
- R-046

PVB #15 Mickler's Landing, PA, 12.5 feet, PS - 248, PR - Yes

Point Labels Legend
 PA - Primary Access
 SA - Secondary Access
 PS - Parking Spaces
 BR - Bike Racks
 PR - Public Restrooms



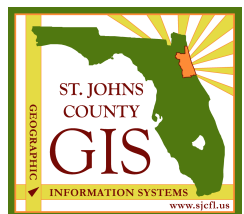
- Beach Access / Public Lodging Locations
- ▲ Range Monuments
- Critically Eroded Beach
- ¼ Mile Buffer for the Property Value Calculations
- Water
- Saltwater Marsh
- Park Boundary
- Municipal Boundary

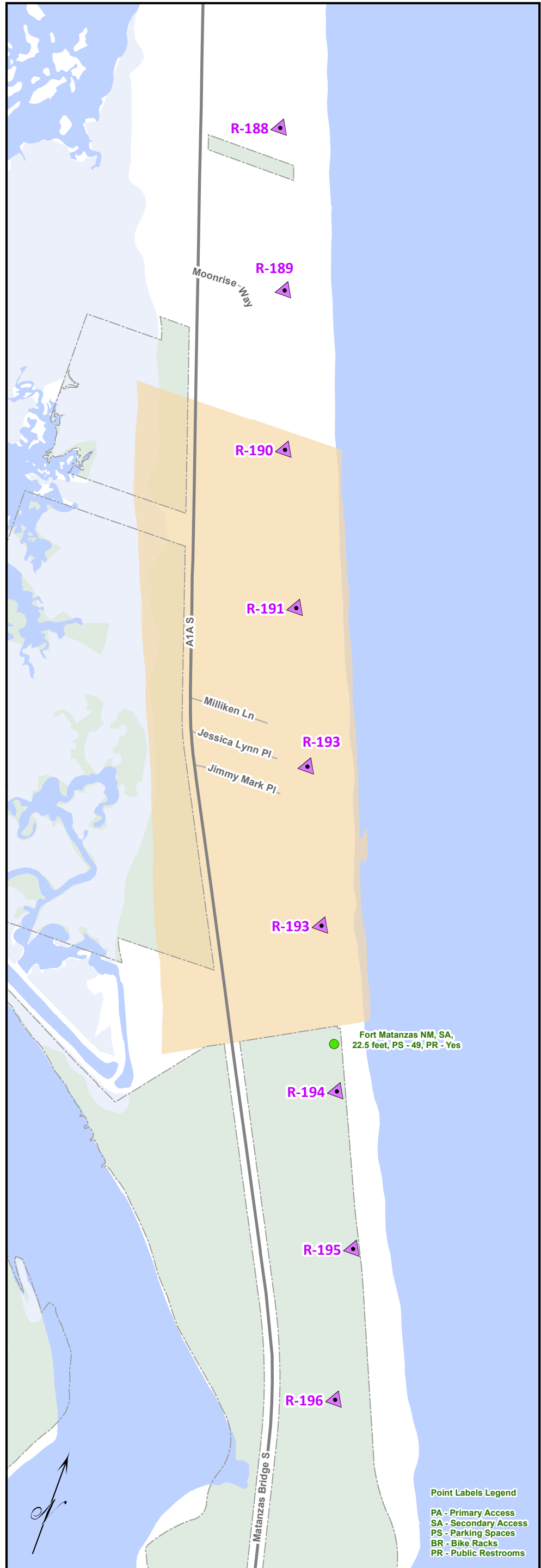
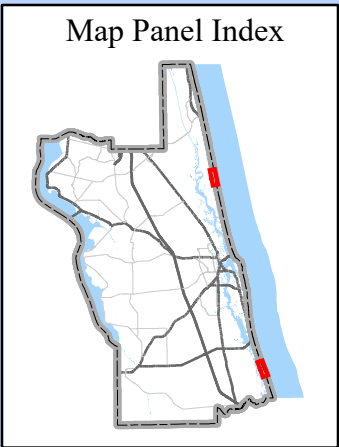
**FEMA Dune Enhancement Project,
 St. Johns County R1 - R46.2**

0 1,000 2,000
 Feet

DISCLAIMER:
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Map Prepared: 7/30/2021 j19051



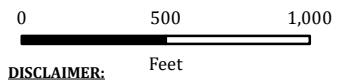


Point Labels Legend
 PA - Primary Access
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- Beach Access / Public Lodging Locations
- ▲ Range Monuments
- Critically Eroded Beach
- 1/4 Mile Buffer for the Property Value Calculations
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**FEMA Dune Enhancement Project,
 St. Johns County R67 - R76
 and R189.85 - R193.65**



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STRAP	JUST VALUE	LANDUSE
0509100000	44107286	Res,Res,Res,Res,Res,Res,Commercial and Services,Recreational,Recreational,Recreational,Recreational,Recreational,Water
0509100010	43186366	Res,Commercial and Services,Recreational,Upland Non-Forests
0509700000	6287040	Res,Recreational,Upland Non-Forests,Upland Non-Forests
0509720000	5549225	Res,Recreational,Upland Non-Forests
0509730000	4856405	Res,Recreational,Upland Non-Forests
0509740000	4695683	Res,Recreational,Upland Non-Forests
0509750000	5272949	Res,Recreational,Upland Non-Forests
0509760000	5638901	Res,Recreational,Upland Non-Forests
0509770000	5451240	Res,Recreational,Upland Non-Forests
0509780000	5791306	Res,Upland Non-Forests
0509790000	5989224	Res,Recreational,Upland Non-Forests
0509790100	4824380	Res,Recreational,Upland Non-Forests
0509790110	4500000	Res,Recreational,Upland Non-Forests
0509790120	5645194	Res,Recreational,Upland Non-Forests
0509790130	5179887	Res,Upland Non-Forests
0509790140	6374765	Res,Recreational,Upland Non-Forests
0509790150	5259573	Res,Recreational,Upland Non-Forests
0509790160	5325000	Res,Recreational,Upland Non-Forests
0509790170	5763748	Res,Recreational,Upland Non-Forests
0509790180	5634171	Res,Recreational,Upland Non-Forests
0509790190	5502252	Res,Recreational,Upland Non-Forests
0509790200	4074739	Res,Recreational,Upland Non-Forests
0509790210	3473	Commercial and Services
0509790220	3000	Commercial and Services,Recreational
0509800000	5891131	Res,Recreational,Upland Non-Forests
0509900000	5226702	Res,Upland Non-Forests
0549590001	0	Res
0549590002	0	Res,Upland Non-Forests
0549600000	900	Res
0549800000	1830524	Res
0549900000	2262288	Res
0550000000	3087761	Res
0550100000	1900378	Res
0550290001	0	Res,Commercial and Services
0550290002	0	Res
0550300000	3043780	Res,Water
0550500000	1764978	Res,Water
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0550690002	0	Res,Upland Non-Forests
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0550800000	3880159	Res,Upland Non-Forests
0550900000	3566589	Res,Upland Non-Forests
0551000000	4184799	Res,Upland Non-Forests
0551100000	3501109	Res,Upland Non-Forests
0551200000	3423621	Res,Upland Non-Forests
0551290001	0	Res,Upland Non-Forests
0551300000	4103809	Res,Res,Upland Non-Forests
0551400000	3106081	Res,Res,Upland Non-Forests
0551500000	2701961	Res,Upland Non-Forests
0551600000	2960529	Res,Upland Non-Forests
0551610000	2698285	Res,Upland Non-Forests
0551700000	2602169	Res,Res,Upland Non-Forests
0551800000	4167921	Res,Upland Non-Forests
0551900000	2250000	Res,Upland Non-Forests
0552000000	2048454	Res,Upland Non-Forests

STRAP	JUST VALUE	LANDUSE
0552100000	3018269	Res,Upland Non-Forests
0552200000	2803289	Res,Upland Non-Forests
0552300000	2034000	Res,Upland Non-Forests
0552400000	2363940	Res,Upland Non-Forests
0552500000	8891246	Res,Upland Non-Forests
0552700000	2501530	Res,Upland Non-Forests
0552800000	2528393	Res,Upland Non-Forests
0552900000	3200000	Res,Upland Non-Forests
0553000000	4843353	Res,Upland Non-Forests
0553100000	3868128	Res,Upland Non-Forests
0553200000	4408212	Res,Upland Non-Forests
0553300000	4550894	Res,Upland Non-Forests
0553400000	3957483	Res,Upland Non-Forests,Wet/H
0553500000	4578088	Res,Upland Non-Forests,Wet/H
0553500001	0	Res,Upland Non-Forests,Wet/H
0553600000	6019187	Res,Upland Non-Forests,Wet/H
0553700000	6092237	Res,Upland Non-Forests,Wet/H
0553800000	4749282	Res,Upland Non-Forests
0553900000	3820446	Res,Upland Non-Forests
0554000000	4440146	Res,Upland Non-Forests
0554100000	4481309	Res,Upland Non-Forests
0554400000	2561431	Res
0554500000	3470343	Res
0554600000	2599192	Res
0554700000	3517362	Res
0554800000	4369060	Res
0554800090	3398961	Res
0554900000	4178510	Res
0555000000	2349445	Res,Recreational
0555100000	4145015	Res,Recreational
0555200000	2731575	Res,Recreational
0555300000	2863833	Res
0555400000	2322887	Res
0555500000	2589710	Res
0555600000	3861578	Res,Upland Non-Forests
0555700000	4396885	Res,Upland Non-Forests
0555800000	4558415	Res,Upland Non-Forests
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0556000000	3854163	Res,Upland Non-Forests
0556100000	3650277	Res,Upland Non-Forests
0556190001	0	Res,Res,Recreational
0556190002	0	Res,Upland Non-Forests
0556200000	6660471	Res,Upland Non-Forests
0556300000	3631353	Res,Upland Non-Forests
0556400000	3615232	Res,Upland Non-Forests
0556500000	3982026	Res,Upland Non-Forests
0556600000	3462466	Res,Upland Non-Forests
0556700000	4608997	Res,Upland Non-Forests
0556800000	5292071	Res,Upland Non-Forests
0556900000	6267578	Res,Upland Non-Forests
0557000000	6693458	Res,Upland Non-Forests
0557100000	3176594	Res,Upland Non-Forests
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0557300000	3463808	Res,Upland Non-Forests
0557400000	3778088	Res,Upland Non-Forests
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0557590001	0	Res,Upland Non-Forests
0557600000	3580915	Res,Upland Non-Forests
0557700000	3887765	Res,Upland Non-Forests
0557800000	3606552	Res,Upland Non-Forests

STRAP	JUST VALUE	LANDUSE
0557900000	4505090	Res,Upland Non-Forests
0558000000	3428012	Res,Upland Non-Forests
0558100000	5054574	Res
0558200000	4629974	Res
0558300000	3824353	Res
0558400000	3200000	Res
0558500000	3760767	Res
0558600000	3378559	Res,Upland Non-Forests
0558700000	3573017	Res,Upland Non-Forests
0558800000	3370216	Res,Upland Non-Forests
0558900000	3941746	Res,Upland Non-Forests
0559000000	3717362	Res,Upland Non-Forests
0559100000	4943889	Res,Upland Non-Forests
0559200000	5040765	Res
0559300000	4955786	Res
0559400000	5368983	Res
0559500000	3201120	Res
0559600000	3490236	Res
0559700000	3399797	Res
0559800000	5127887	Res
0559900000	3501028	Res
0560000000	3856254	Res
0560100000	3324784	Res
0560200000	7366095	Res
0560400000	2453139	Res
0560500000	3726518	Res
0560600000	3914598	Res
0560700000	2455637	Res
0560800000	2762772	Res
0561000000	2519908	Res
0561100000	4134078	Res
0561200000	1750000	Res
0561300000	2476352	Res
0561400000	2837933	Res
0561500000	3028641	Res
0561600000	3663618	Res
0561700000	2488083	Res
0561800000	3731046	Res
0561900000	2389142	Res
0562000000	3876285	Res
0562100000	3006874	Res,Commercial and Services
0562300000	20951008	Commercial and Services,Recreational
0562400000	1599025	Commercial and Services,Water
0562600000	1616971	Res,Commercial and Services,Water
0562700000	1382788	Res,Water
0562800000	1811395	Res,Water
0562900000	1296077	Res
0563000000	2241357	Res,Water
0563300000	4616029	Res,Water
0563300110	0	Res
0563400000	2324451	Res,Water
0563500000	1934768	Res,Water
0563600000	1954525	Res,Water
0563700000	2521465	Res,Water
0563700040	2725409	Res
0563800000	2934124	Res
0563900000	4017796	Res
0564000000	3508811	Res
0564100000	2066253	Res
0564200000	3721845	Res

STRAP	JUST VALUE	LANDUSE
0564300000	3382378	Res
0564400000	2055822	Res
0564500000	2669977	Res,Water
0564600000	3343659	Res,Water
0564690001	29700	Res,Water
0564700000	1277431	Res
0564800000	1319703	Res
0564900000	1139083	Res
0565000000	1341390	Res
0565100000	1802726	Res
0565200000	1939107	Res
0565300000	1250252	Res
0565400000	1382589	Res,Water
0565500000	1210296	Res,Water
0565600000	1867054	Res,Water
0565700000	1530869	Res,Water
0565800000	1265832	Res
0565900000	1272971	Res
0566000000	1946250	Res
0566100000	2125213	Res,Water
0566200000	2224781	Res,Water
0566300000	1360735	Res
0566400000	1697303	Res,Water
0566500000	1382540	Res,Water
0566600000	1378256	Res,Water
0566700000	2122575	Res,Water
0566800000	1963915	Res,Water
0566900000	2014374	Res,Water
0567000000	2734628	Res,Water
0567100000	1984905	Res,Water
0567200000	1351665	Res,Water
0567300000	3196005	Res
0567400000	1303360	Res,Water
0568100000	1768648	Res,Water
0568110800	1943657	Res
0568110900	1729323	Res
0568130380	1728848	Res
0568130390	1530681	Res
0568150001	21300	Res,Water
0568150010	1516430	Res
0568150020	1025130	Res,Water
0568150030	1232626	Res,Water
0568150040	1763735	Res,Water
0568150050	1934631	Res,Water
0568150060	1264233	Res,Water
0568150070	1322807	Res,Water
0568150080	1539290	Res,Water
0568150090	1392962	Res,Water
0568150100	1615546	Res,Water
0568150110	1585372	Res,Water
0568150120	1582838	Res,Water
0568150130	1552127	Res,Water
0568150140	1837123	Res,Water
0568160010	1836458	Res,Water
0568160020	1633066	Res,Water
0568160030	1312797	Res,Water
0568160040	1632636	Res,Water
0568160050	975000	Res,Water
0568160060	1429270	Res,Water
0568160070	1218887	Res,Water

STRAP	JUST VALUE	LANDUSE
0568160080	1321646	Res,Water
0568160090	980890	Res
0568160100	1321896	Res
0568160110	1599698	Res,Water
0568160120	1936767	Res
0568160130	1634515	Res,Water
0568170001	28800	Res,Water
0568170010	2080730	Res,Water
0568199996	0	Res,Water
0568800000	2555301	Res
0568900000	450	Res
0569100000	2285010	Res
0569200000	2721940	Res
0569300000	2034141	Res,Water
0569400000	3640482	Res,Water
0569500000	2773399	Res,Water
0569600000	2822478	Res,Water
0569700000	3699580	Res,Recreational,Water
0569750000	3481064	Res,Recreational
0569800000	2200000	Res,Recreational
0569900000	3239626	Res,Recreational
0570000000	4093647	Res
0570100000	5213021	Res,Recreational,Water
0570300000	2989611	Res,Water
0570400000	1304440	Res,Water
0570500000	2721239	Res,Water
0570600000	1985495	Res
0570700000	3899411	Res
0570800000	3515414	Res
0570900000	4387307	Res,Recreational
0571000000	3343182	Res,Recreational
0571100000	3339841	Res
0571200000	3608365	Res
0571300000	4916005	Res
0571400000	3441722	Res
0571500000	3318469	Res
0571600010	6320942	Res,Water
0571800000	1838203	Res
0571900000	2606790	Res,Recreational,Water
0572000000	1566756	Res
0572100000	1547885	Res,Water
0572200000	1726698	Res,Water
0572300000	2736382	Res,Water
0572400000	2414886	Res,Water
0572500000	1440276	Res
0572600000	1175000	Res
0572700000	2074334	Res
0572800000	2281300	Res,Water
0572900000	2518587	Res,Water
0573000000	1685746	Res,Water
0573100000	1696896	Res
0573200000	1565532	Res
0575990001		Res,Res,Commercial and 0 Services,Recreational,Water
0576000000	1935817	Res,Water
0576100000	1562793	Res
0576200000	2415391	Res,Water
0576300000	1618901	Res,Water
0576400000	2546888	Res,Water
0576500000	2926460	Res,Water

STRAP	JUST VALUE	LANDUSE
0576600000	2875652	Res,Water
0576700000	5131565	Res,Water
0576800000	2094191	Res,Water
0576900000	1518518	Res,Water
0577000000	1570942	Res
0578100000	1658319	Res
0578200000	2123600	Res
0578300000	1637889	Res
0578400000	2597903	Res
0578500000	1700288	Res
0578600000	2199686	Res
0578600070	2723155	Res,Water
0578600080	1309842	Res
0578700000	1777474	Res,Water
0578800000	2705065	Res,Water
0578900000	1638609	Res,Water
0579000000	1547332	Res,Water
0579100000	1901861	Res,Water
0579200000	1797112	Res,Water
0579300000	1807776	Res,Water
0579900000	1057548	Res
0580000000	1050000	Res
0580100000	1226058	Res
0581590001	0	Res,Res,Recreational
0581600000	1683811	Res,Water
0581700000	2102152	Res,Water
0581800000	1341476	Res,Water
0581900000	1958477	Res,Water
0582000000	1717643	Res,Water
0582400000	1447608	Res
0582700000	1408630	Res,Recreational
0583390001	0	Res,Recreational
0583400000	1337181	Res
0583500000	1383910	Res
0583600000	1848441	Res
0583700000	2135469	Res
0583800000	932917	Res
0583900000	1760878	Res
0584000000	1260837	Res
0584100000	1168134	Res
0584200000	1001520	Res
0584300000	1650179	Res
0584400000	2092380	Res
0584500000	1009901	Res
0584600000	850000	Res
0584800000	1011294	Res
0584900000	1119658	Res
0585000000	1840751	Res
0585100000	1044140	Res
0585200000	1037814	Res
0585300000	964745	Res
0585400000	939820	Res
0585500000	723320	Res
0585600000	824271	Res
0585700000	680638	Res
0585800000	918407	Res
0585900000	881308	Res
0586000000	1262084	Res
0586100000	657395	Res
0586200000	1256774	Res

STRAP	JUST VALUE	LANDUSE
0586300000	775287	Res
0586400000	861900	Res
0586500000	1466221	Res,Recreational,Water
0586600000	2321353	Res,Water
0586700000	2010935	Res
0586800000	1379020	Res
0586900000	2104105	Res
0587000000	1182958	Res
0587100000	2204780	Res,Water
0587200000	925000	Res,Recreational,Water
0587200010	1632523	Res,Water
0587300000	5892158	Res,Upland Non-Forests
0587400000	4843987	Res,Upland Non-Forests
0587500000	5862415	Res,Upland Non-Forests
0587600000	5151520	Res,Upland Non-Forests
0587700000	4597914	Res,Upland Non-Forests
0596700010	0	Res,Recreational,Upland Non-Forests
0596710000	0	Res,Recreational,Upland Non-Forests
0596710011	0	Res
0596710012	0	Res
0596710013	0	Res
0596710014	0	Res
0596710015	0	Res
0596710016	0	Res
0596710017	0	Res
0596710018	0	Res
0596710019	0	Res
0596710020	0	Res
0596710021	0	Res
0596710022	0	Res
0596710023	0	Res
0596710024	0	Res
0596710025	0	Res
0596710026	0	Res
0596710027	0	Res
0596710028	0	Res
0596710029	0	Res
0596710030	0	Res
0596710031	0	Res
0596710032	0	Res
0596710033	0	Res
0596710101	1224070	Res
0596710103	1744000	Res
0596710105	667000	Res
0596710106	638340	Res
0596710107	633100	Res
0596710108	645762	Res
0596710109	633100	Res
0596710110	645762	Res
0596710111	700000	Res
0596710112	714000	Res
0596710113	420000	Res
0596710114	428400	Res
0596710115	532000	Res
0596710116	542640	Res
0596710117	633100	Res
0596710118	645762	Res
0596710119	567000	Res
0596710120	578340	Res
0596710121	700000	Res

STRAP	JUST VALUE	LANDUSE
0596710122	714000	Res
0596710123	733100	Res
0596710124	645762	Res
0596710126	471903	Res
0596710127	462650	Res
0596710128	542640	Res
0596710129	532000	Res
0596710130	1037340	Res
0596710131	1017000	Res
0596710132	645762	Res
0596710133	633100	Res
0596710134	1037340	Res
0596710135	1017000	Res
0596710136	645762	Res
0596710137	633100	Res
0596710138	578340	Res
0596710139	567000	Res
0596710140	714000	Res
0596710141	700000	Res
0596710142	471903	Res
0596710143	462650	Res
0596710144	542640	Res
0596710145	572000	Res
0596710146	571903	Res
0596710147	462650	Res
0596710148	542640	Res
0596710149	532000	Res
0596710150	542640	Res
0596710151	532000	Res
0596710152	471903	Res
0596710153	462650	Res
0596710154	714000	Res
0596710155	740000	Res
0596710156	645762	Res
0596710158	1037340	Res
0596710159	1017000	Res
0596710160	841347	Res
0596710161	824850	Res
0596710162	714000	Res
0596710163	700000	Res
0596710164	645762	Res
0596710165	733100	Res
0596710166	645762	Res
0596710167	633100	Res
0596710168	578340	Res
0596710169	567000	Res
0596710170	714000	Res
0596710171	700000	Res
0596710172	578340	Res
0596710173	567000	Res
0596710174	1037340	Res
0596710175	1017000	Res
0596710176	841347	Res
0596710177	824850	Res
0596710178	714000	Res
0596710179	700000	Res
0596710180	645762	Res
0596710181	633100	Res
0596710182	841347	Res
0596710183	824850	Res

STRAP	JUST VALUE	LANDUSE
0596710184	1037340	Res
0596710185	1117000	Res
0596710186	714000	Res
0596710187	700000	Res
0596710188	645762	Res
0596710189	633100	Res
0596710190	898875	Res
0596710191	824850	Res
0596710192	1037340	Res
0596710193	1057000	Res
0596710500	0	Res
0596710501	0	Res
0596710502	0	Res
0596710504	0	Res
0596710505	0	Res
0596710506	0	Res
0596710511	186000	Res
0596710512	186000	Res
0596710513	186000	Res
0596710521	186000	Res
0596710522	186000	Res
0596710523	186000	Res
0596710541	40000	Res
0596710542	40000	Res
0596710551	186000	Res
0596710552	186000	Res
0596710553	186000	Res
0596710561	40000	Res
0596710562	40000	Res
0596710563	40000	Res
0596800000	3820141	Res,Upland Non-Forests
0596900020	3958474	Res,Upland Non-Forests
0597000000	2337638	Res,Upland Non-Forests
0597100000	2752317	Res,Upland Non-Forests
0597200000	2600000	Res,Upland Non-Forests
0597300000	2289841	Res,Upland Non-Forests
0597300070	2340000	Res,Upland Non-Forests
0597400000	4633212	Res,Recreational,Upland Non-Forests
0597400010	1950000	Res,Recreational,Upland Non-Forests
0597400090	4652267	Res,Upland Non-Forests
0597500000	4372846	Res,Upland Non-Forests,Hardwood Forests
0597600000	2340000	Res,Upland Non-Forests,Hardwood Forests
0597700000	3475791	Res,Upland Non-Forests,Hardwood Forests
0597800000	3100726	Res,Upland Non-Forests
0597900000	10201559	Res,Upland Non-Forests
0598200000	4004154	Res,Upland Non-Forests
0598300000	6190128	Res,Upland Non-Forests
0598300200	6025057	Res,Upland Non-Forests
0598300210	8542266	Res,Upland Non-Forests
0598300215	4841787	Res,Upland Non-Forests
0598300220	5152758	Res,Upland Non-Forests,Hardwood Forests
0598300230	8203757	Res,Res,Upland Non-Forests,Hardwood Forests
0598300240	6114598	Res,Res,Upland Non-Forests
0598400000	5186663	Res,Res,Upland Non-Forests
0598500000	5292678	Res,Upland Non-Forests
0598500030	3447417	Res,Upland Non-Forests
0598500040	7203416	Res,Upland Non-Forests
0598500050	5384425	Res,Upland Non-Forests
0598500060	6705308	Res,Upland Non-Forests
0598500070	1950000	Res,Upland Non-Forests

STRAP	JUST VALUE	LANDUSE
0598500071	3965810	Res,Upland Non-Forests
0598500080	4384505	Res,Upland Non-Forests
0598500090	3702065	Res,Upland Non-Forests
0598510010	3669594	Res,Recreational,Upland Non-Forests
0598510020	2672114	Res,Recreational,Upland Non-Forests
0598510030	4503179	Res,Recreational,Upland Non-Forests
0598510040	3230415	Res,Recreational,Upland Non-Forests
0598510050	3120117	Res,Recreational,Upland Non-Forests
0598510060	2973418	Res,Recreational,Upland Non-Forests
0598510070	3752563	Res,Recreational,Upland Non-Forests
0613100010	1500	Recreational
0613800000	8355474	Res,Upland Non-Forests
0613900000	3866901	Res,Upland Non-Forests
0614200000	14800	Res,Res,Commercial and Services,Water,Water Res,Water,Transportation/Communication/and
0614200010	41012	Utilities
0614201001	0	Commercial and Services
0614201010	0	Commercial and Services
0614201101	457000	Commercial and Services
0614201102	450000	Commercial and Services
0614201103	555000	Commercial and Services
0614201104	555000	Commercial and Services
0614201105	564000	Commercial and Services
0614201106	272000	Commercial and Services
0614201107	530000	Commercial and Services
0614201108	564000	Commercial and Services
0614201109	602000	Commercial and Services
0614201110	605000	Commercial and Services
0614201111	555000	Commercial and Services
0614201112	275000	Commercial and Services
0614201201	536000	Commercial and Services
0614201202	454500	Commercial and Services
0614201203	571650	Commercial and Services
0614201204	571650	Commercial and Services
0614201205	580920	Commercial and Services
0614201206	274720	Commercial and Services
0614201207	535300	Commercial and Services
0614201208	580920	Commercial and Services
0614201209	608020	Commercial and Services
0614201210	611050	Commercial and Services
0614201211	571650	Commercial and Services
0614201212	449000	Commercial and Services
0614201301	541360	Commercial and Services
0614201302	459000	Commercial and Services
0614201303	588300	Commercial and Services
0614201304	617715	Commercial and Services
0614201305	627732	Commercial and Services
0614201306	291312	Commercial and Services
0614201307	540600	Commercial and Services
0614201308	597840	Commercial and Services
0614201309	614040	Commercial and Services
0614201310	617100	Commercial and Services
0614201311	588300	Commercial and Services
0614201312	381480	Commercial and Services
0614201401	645130	Commercial and Services
0614201402	560835	Commercial and Services
0614201403	731990	Commercial and Services
0614201404	731990	Commercial and Services
0614201405	725417	Commercial and Services
0614201407	692000	Commercial and Services

STRAP	JUST VALUE	LANDUSE
0614201408	614760	Commercial and Services
0614201409	620060	Commercial and Services
0614201410	623150	Commercial and Services
0614201411	731990	Commercial and Services
0614201412	469220	Commercial and Services
0614600001	0	Commercial and Services,Recreational
0614600100	0	Commercial and Services
0614600111	1212000	Commercial and Services
0614600112	1297000	Commercial and Services
0614600113	1277000	Commercial and Services
0614600114	1277000	Commercial and Services
0614600115	1212000	Commercial and Services
0614600116	1212000	Commercial and Services
0614600117	1212000	Commercial and Services
0614600118	1277000	Commercial and Services
0614600121	1250000	Commercial and Services
0614600122	1250000	Commercial and Services
0614600123	1335000	Commercial and Services
0614600124	1250000	Commercial and Services
0614600125	1250000	Commercial and Services
0614600126	1315000	Commercial and Services
0614600127	1335000	Commercial and Services
0614600128	1250000	Commercial and Services
0614800021	1771474	Res
0614810000	0	Res,Recreational
0614810010	0	Res
0614816451	1180000	Res
0614816452	1185000	Res
0614816453	1247250	Res
0614816454	1238250	Res
0614816471	1190000	Res
0614816472	1182500	Res
0614816473	1223250	Res
0614816474	1223250	Res
0614816491	1189000	Res
0614816492	1175000	Res
0614816493	1233250	Res
0614816494	1233250	Res
0614820002	0	Res,Recreational,Upland Non-Forests
0614820003	0	Res
0614820010	2060000	Res
0614820020	1800000	Res
0614820030	1800000	Res
0614820040	1800000	Res
0614820050	1700000	Res
0614820060	1800000	Res
0614820070	1700000	Res
0614820080	1800000	Res
0614826000	0	Res,Recreational
0614826010	0	Res
0614826391	1175000	Res
0614826392	1185000	Res
0614826393	1243250	Res
0614826394	1223250	Res
0614826411	1175000	Res
0614826412	1175000	Res
0614826413	1233250	Res
0614826414	1223250	Res
0614826431	1285000	Res
0614826432	1175000	Res

STRAP	JUST VALUE	LANDUSE
0614826433	1233250	Res
0614826434	1243250	Res
0614830000	0	Res,Recreational
0614830010	0	Res
0614836331	1210000	Res
0614836332	1180000	Res
0614836333	1253250	Res
0614836334	1233250	Res
0614836351	1175000	Res
0614836352	1175000	Res
0614836353	1248250	Res
0614836354	1233250	Res
0614836371	1180000	Res
0614836372	1175000	Res
0614836373	1238250	Res
0614836374	1233250	Res
0614840000	0	Res,Recreational
0614840010	0	Res
0614846271	1175000	Res
0614846272	1185000	Res
0614846273	1243250	Res
0614846274	1233250	Res
0614846291	1275000	Res
0614846292	1365000	Res
0614846293	1323250	Res
0614846294	1233250	Res
0614846311	1185000	Res
0614846312	1165000	Res
0614846313	1263250	Res
0614846314	1243250	Res
0614850000	0	Res,Commercial and Services,Recreational
0614850010	0	Res
0614856211	1190000	Res
0614856212	1175000	Res
0614856213	1233250	Res
0614856214	1223250	Res
0614856231	1165000	Res
0614856232	1365000	Res
0614856233	1423250	Res
0614856234	1223250	Res
0614856251	1175000	Res
0614856252	1165000	Res
0614856253	1423250	Res
0614856254	1433250	Res
0614860000	0	Res,Recreational,Upland Non-Forests
0614860001	0	Res
0614860005	0	Res
0614866511	1175000	Res
0614866512	1190000	Res
0614866513	1248250	Res
0614866514	1233250	Res
0614866531	1275000	Res
0614866532	1175000	Res
0614866533	1248250	Res
0614866534	1248250	Res
0614866551	1190000	Res
0614866552	1265000	Res
0614866553	1333250	Res
0614866554	1233250	Res
0614866560	0	Res,Recreational,Upland Non-Forests

STRAP	JUST VALUE	LANDUSE
0614866561	0	Res
0614866566	0	Res
0614866567	0	Res
0614866571	577000	Res
0614866572	577000	Res
0614866573	593560	Res
0614866574	593560	Res
0614866591	395000	Res
0614866592	552000	Res
0614866593	601060	Res
0614866594	395000	Res
0614866611	577000	Res
0614866612	415000	Res
0614866613	395000	Res
0614866614	593560	Res
0614866631	677000	Res
0614866632	577000	Res
0614866633	593560	Res
0614866634	593560	Res
0614866640	0	Res,Recreational,Upland Non-Forests
0614866641	0	Res
0614866644	0	Res
0614866645	0	Res
0614866650	20000	Res
0614866651	577000	Res
0614866652	552000	Res
0614866653	573560	Res
0614866654	573560	Res
0614866656	20000	Res
0614866671	390000	Res
0614866672	573560	Res
0614866673	593560	Res
0614866674	410000	Res
0614866691	577000	Res
0614866692	395000	Res
0614866693	410000	Res
0614866694	568560	Res
0614866711	557000	Res
0614866712	577000	Res
0614866713	573560	Res
0614866714	593560	Res
0614866800	0	Res,Recreational,Upland Non-Forests
0614866801	0	Res
0614866810	0	Res
0614866831	618000	Res
0614866832	615790	Res
0614866851	648000	Res
0614866852	618000	Res
0614866853	615790	Res
0614866854	615790	Res
0614866871	598000	Res
0614866872	598000	Res
0614866873	615790	Res
0614866874	615790	Res
0614866891	618000	Res
0614866892	598000	Res
0614866893	615790	Res
0614866894	615790	Res
0614866911	1450000	Res
0614866912	0	Res

STRAP	JUST VALUE	LANDUSE
0619851518	500000	Res
0619851519	500000	Res
0619860000	0	Res,Res,Recreational,Upland Non-Forests,Wet/H,Wetlands/NF
0619860011	0	Res
0619860021	0	Res
0619860910	1610000	Res
0619860911	1410000	Res
0619860912	511000	Res
0619860913	938000	Res
0619860914	1510000	Res
0619860915	1383000	Res
0619860916	1290000	Res
0619860917	2300000	Res
0619860918	2100000	Res
0619860928	1438200	Res
0619860929	1488200	Res
0619860930	521220	Res
0619860931	956760	Res
0619860932	1463200	Res
0619860933	1510660	Res
0619860934	1315800	Res
0619860935	1989000	Res
0619860936	1989000	Res
0619860946	1466400	Res
0619860947	1466400	Res
0619860948	1142000	Res
0619860950	1466400	Res
0619860951	1438320	Res
0619860952	1366600	Res
0619860953	2028000	Res
0619860954	2028000	Res
0619860964	1494600	Res
0619860965	1179000	Res
0619860967	994280	Res
0619860968	1494600	Res
0619860969	1465980	Res
0619860970	1367400	Res
0619860971	2067000	Res
0619860972	2067000	Res
0621550000	1415393	Res,Res,Wetlands/NF
0621550007	25738	Res,Res,Water,Wetlands/NF
0621550008	1500	Res
0621550009	21238	Res,Water,Wetlands/NF
0621550010	421312	Res,Wetlands/NF
0621560001	0	Res,Water,Water,Wetlands/NF,Transportation/Com munication/and Utilities
0621560010	742683	Res,Water,Wetlands/NF
0621560020	547501	Res,Water,Wetlands/NF
0621560030	764611	Res,Water,Wetlands/NF
0621560040	446739	Res,Water,Wetlands/NF
0621560050	555725	Res,Water,Wetlands/NF
0621560060	588786	Res,Water,Wetlands/NF
0621562001	0	Res
0621562002	0	Res
0621562003	0	Res
0621562004	400	Res
0621562101	537933	Res
0621562102	550530	Res
0621562103	585426	Res

STRAP	JUST VALUE	LANDUSE
0621562124	636797	Res
0621562125	501323	Res
0621562126	453471	Res
0621562201	512584	Res
0621562218	519352	Res
0621562219	608194	Res
0621562220	512380	Res
0621562301	653331	Res,Water,Wetlands/NF
0621562302	634912	Res,Water,Wetlands/NF
0621562303	776839	Res,Wetlands/NF
0621562304	641643	Res,Water,Wetlands/NF
0621562305	677301	Res,Water,Wetlands/NF
0621562306	674035	Res,Water,Wetlands/NF
0621562307	560640	Res,Water,Wetlands/NF
0621562308	557025	Res,Water,Wetlands/NF
0621562309	518310	Res,Water,Wetlands/NF
0621562310	518549	Res,Water,Wetlands/NF
0621562311	498205	Res,Water,Wetlands/NF
0621562312	561401	Res,Water,Wetlands/NF
0621562313	484438	Res,Water,Wetlands/NF
0621562314	500408	Res,Water,Wetlands/NF
0621562315	491734	Res,Wetlands/NF
0621562519	557241	Water,Wetlands/NF
0621562520	880772	Water,Wetlands/NF
0621580000	6058663	Commercial and Services,Recreational
0621580010	1007607	Commercial and Services
0621580110	3832927	Commercial and Services,Water
0621580111	168000	Commercial and Services,Water,Water,Wetlands/NF
0621580112	1500	Commercial and Services
0621590001	0	Res,Res,Water,Wetlands/NF
0621590010	0	Res
0621590020	0	Res
0621590100	0	Res
0621596461	264000	Res
0621596462	270000	Res
0621596463	278000	Res
0621596464	264000	Res
0621596501	284000	Res
0621596502	260000	Res
0621596503	292000	Res
0621596504	272000	Res
0621596505	260000	Res
0621596506	284000	Res
0621600000	65	Wetlands/NF
0621600010	167	Res,Wetlands/NF
0621600020	185	Res,Wetlands/NF
0621610000	0	Res,Commercial and Services,Water,Wetlands/NF
0621610010	0	Res
0621610020	0	Res
0621610030	0	Res
0621610040	0	Res
0621610050	0	Res
0621610101	370000	Res
0621610102	370000	Res
0621610103	370000	Res
0621610104	370000	Res
0621610105	370000	Res
0621610106	370000	Res

STRAP	JUST VALUE	LANDUSE
0621610107	370000	Res
0621610108	370000	Res
0621610109	370000	Res
0621610110	370000	Res
0621610111	370000	Res
0621610112	370000	Res
0621610201	370000	Res
0621610202	370000	Res
0621610203	370000	Res
0621610204	370000	Res
0621610205	370000	Res
0621610206	370000	Res
0621610207	370000	Res
0621610208	370000	Res
0621610301	370000	Res
0621610302	370000	Res
0621610303	370000	Res
0621610304	370000	Res
0621610305	370000	Res
0621610306	370000	Res
0621610307	370000	Res
0621610308	370000	Res
0621610401	370000	Res
0621610402	370000	Res
0621610403	370000	Res
0621610404	370000	Res
0621610405	370000	Res
0621610406	370000	Res
0621610407	370000	Res
0621610408	370000	Res
0621610409	370000	Res
0621610410	370000	Res
0621610411	370000	Res
0621610412	370000	Res
0621610501	370000	Res
0621610502	370000	Res
0621610503	370000	Res
0621610504	370000	Res
0621610505	370000	Res
0621610506	370000	Res
0621610507	370000	Res
0621610508	370000	Res
0621610509	370000	Res
0621610510	370000	Res
0621610511	370000	Res
0621610512	370000	Res
0621630000	0	Res
0621630001	0	Res,Transportation/Communication/and Utilities
0621630012	0	Res
0621630013	0	Res
0621630014	0	Res
0621630106	274000	Res
0621630107	420000	Res
0621630109	290000	Res
0621630110	274000	Res
0621630111	274000	Res
0621630112	290000	Res
0621630114	290000	Res
0621630115	274000	Res
0621630116	274000	Res

STRAP	JUST VALUE	LANDUSE
0621630117	290000	Res
0621700000	0	Res,Water,Wetlands/NF
0621700020	1175	Wetlands/NF
0621710010	1094620	Res,Wetlands/NF
0621710020	901501	Res,Wetlands/NF
0621710030	2055928	Res,Wetlands/NF
0621710040	981453	Res,Wetlands/NF
0621710050	1266596	Res,Wetlands/NF
0621800000	2850	Wetlands/NF
0621820000	0	Res,Water,Wetlands/NF,Wetlands/NF
0622000001	0	Wetlands/NF
0622100002	0	Res,Wet/H,Wetlands/NF
0622100140	368118	Res,Wet/H
0622150000	0	Wetlands/NF
0622200020	477944	Res,Wetlands/NF
0622200021	989042	Res,Wetlands/NF
0622200022	1205393	Res,Wetlands/NF
0622200023	200	Wetlands/NF
0622210010	1220438	Res,Wetlands/NF
0622210020	1317074	Res,Wetlands/NF
0622210030	1126867	Res,Wetlands/NF
0622210040	1459407	Res,Wetlands/NF,Wetlands/NF
0622210050	1554672	Res,Wetlands/NF,Wetlands/NF
0622210060	910585	Res,Wetlands/NF,Wetlands/NF
0622210070	1027415	Res,Wetlands/NF,Wetlands/NF
0622210080	1269098	Res,Wetlands/NF,Wetlands/NF
0622210090	1068258	Res,Wetlands/NF
0622210100	1096819	Res,Wetlands/NF
0622210110	1490252	Res,Wetlands/NF
0622210120	1023657	Res,Wetlands/NF
0622210130	1061698	Res,Wetlands/NF
0622210140	1298429	Res,Wetlands/NF
0622210150	1538462	Res,Wetlands/NF
0622210160	1331605	Res,Wetlands/NF
0622210170	1274890	Res,Wetlands/NF
0622210180	928429	Res,Wetlands/NF
0622210190	1481566	Res,Wetlands/NF
		Res,Res,Recreational,Upland Non-Forests,Not
0622220000	0	Categorized
0622220001	0	Res
0622220101	915000	Res
0622220102	863000	Res
0622220103	863000	Res
0622220104	713000	Res
0622220105	713000	Res
0622220106	713000	Res
0622220107	713000	Res
0622220201	815000	Res
0622220202	713000	Res
0622220203	713000	Res
0622220204	713000	Res
0622220205	713000	Res
0622220206	713000	Res
0622220207	708000	Res
0622222000	0	Res,Recreational,Upland Non-Forests
0622222001	0	Res
0622222101	815000	Res
0622222102	713000	Res
0622222103	713000	Res
0622222104	713000	Res

STRAP	JUST VALUE	LANDUSE
0622222105	713000	Res
0622222106	708000	Res
0622222107	708000	Res
0622222201	1150000	Res
0622222202	713000	Res
0622222203	708000	Res
0622222204	713000	Res
0622222205	713000	Res
0622222206	713000	Res
0622222207	713000	Res
0622250000	3363897	Res,Recreational,Upland Non-Forests
0622250010	14075	Wetlands/NF
0622250020	4985612	Res,Recreational,Upland Non-Forests
0622250030	3674260	Res,Recreational,Upland Non-Forests
0622250040	6590177	Res,Recreational,Upland Non-Forests
0622270000	10000	Res
0622270010	537637	Res
0622270020	545422	Res
0622270030	590982	Res
0622270040	631018	Res
0622270050	810772	Res
0622270060	671008	Res
0622270070	755434	Res,Wetlands/NF
0622270080	804155	Res,Wetlands/NF
0622270090	749246	Res,Wetlands/NF
0622270100	593376	Res,Wetlands/NF
0622270110	866058	Res,Wetlands/NF
0622270120	620203	Res,Wetlands/NF
0622270130	696149	Res,Wetlands/NF
0622270140	636305	Res,Wetlands/NF
0622270150	808916	Res,Wetlands/NF
0622447010	334501	Wetlands/NF
0661000000	1151297	Wet/H,Wetlands/NF
0661050001	0	Res,Institutional
0661050002	341849	Res,Institutional
0661050010	3056707	Res,Recreational,Institutional,Upland Non-Forests
0661050020	3310531	Res,Recreational,Upland Non-Forests
0661050030	3127522	Res,Recreational,Upland Non-Forests
0661050040	2890273	Res,Recreational,Upland Non-Forests
0661100000	3780743	Res,Recreational,Upland Non-Forests
0661100010	1204133	Wet/H
0661200000	767875	Res,Wet/H,Wetlands/NF,Wetlands/NF
0661200010	5193255	Res,Recreational,Upland Non-Forests
0661200020	791347	Res,Wetlands/NF,Wetlands/NF
0661300000	4085723	Res,Recreational,Upland Non-Forests
0661300010	1458597	Res,Wet/H,Wetlands/NF
0661400000	3606699	Res,Recreational,Upland Non-Forests
0661400010	1354078	Res,Wet/H,Wetlands/NF
0661500000	4734710	Res,Recreational,Upland Non-Forests
0661500010	955691	Res
0661500020	1586331	Res,Wet/H
0661600000	548408	Res,Wet/H,Wetlands/NF
0661600010	5066528	Res,Recreational,Upland Non-Forests
0661700000	3674873	Res,Recreational,Upland Non-Forests
0661700001	6658912	Res,Recreational,Upland Non-Forests
0661700002	5771148	Res,Recreational,Upland Non-Forests
0661700003	1950000	Res,Recreational,Upland Non-Forests
0661700004	4565878	Res,Recreational,Upland Non-Forests
0661700010	324500	Res,Wet/H
0661700011	380	Wet/H,Wetlands/NF

STRAP	JUST VALUE	LANDUSE
0661700020	760848	Res,Wet/H,Wetlands/NF
0661700021	300	Wetlands/NF
0661700030	975475	Res,Wet/H,Wetlands/NF
0661700031	250	Wetlands/NF,Wetlands/NF
0661700040	385396	Res,Wet/H
0661700041	300	Wet/H,Wetlands/NF
0661700050	157500	Res,Wet/H,Wetlands/NF
0661700051	250	Wetlands/NF,Wetlands/NF
0661700060	1271468	Res,Wet/H
0661700061	300	Wet/H,Wetlands/NF
0661700070	1254389	Res,Wetlands/NF
0661700071	1120	Wet/H,Wetlands/NF,Wetlands/NF
0661700090	845908	Res,Wet/H,Wetlands/NF
0661700091	400	Wetlands/NF,Wetlands/NF
0661700092	135	Wetlands/NF
0661700100	766180	Res,Wet/H,Wetlands/NF
0661700101	320	Wet/H,Wetlands/NF
0661700110	1636167	Res,Wet/H,Wetlands/NF
0661700111	3892465	Res,Recreational,Upland Non-Forests
0661700120	557189	Res,Wet/H,Wetlands/NF
0661700121	230	Wet/H,Wetlands/NF
0661700125	4822402	Res,Upland Non-Forests
0661700126	767399	Res,Wet/H
0661700130	10000	Res,Hardwood Forests,Wetlands/NF Res,Res,Recreational,Upland Non-Forests,Hardwood
0661700131	2600000	Forests
0661700135	4496340	Res,Recreational,Upland Non-Forests
0661700136	10000	Hardwood Forests Res,Recreational,Upland Non-Forests,Hardwood
0661700140	2600000	Forests
0661700141	20000	Hardwood Forests,Wetlands/NF Res,Recreational,Upland Non-Forests,Hardwood
0661700150	2600000	Forests,Not Categorized
0661700151	10000	Hardwood Forests,Wetlands/NF
0661700160	657220	Res,Hardwood Forests,Wetlands/NF Res,Recreational,Upland Non-Forests,Hardwood
0661700165	4924921	Forests,Not Categorized Res,Recreational,Upland Non-Forests,Hardwood
0661700166	4756215	Forests,Not Categorized
0661700167	1116514	Res,Water,Wetlands/NF
0661700168	220	Res,Water,Wetlands/NF,Wetlands/NF
0661700169	310	Res,Water,Wetlands/NF Res,Recreational,Upland Non-Forests,Hardwood
0661700170	2600000	Forests Res,Recreational,Upland Non-Forests,Hardwood
0661700173	4134954	Forests
0661700177	880062	Res,Wetlands/NF
0661700178	1406015	Res,Wetlands/NF
0661800001	0	Res
0661800010	0	Res
0661800020	0	Res
0661800030	0	Res
0661800040	0	Res
0661800629	188000	Res
0661800630	195000	Res
0661800631	195840	Res
0661800632	192000	Res
0661800633	195840	Res
0661800634	192000	Res
0661800635	188000	Res

STRAP	JUST VALUE	LANDUSE
0661800636	195000	Res
0661800637	188000	Res
0661800638	195000	Res
0661800639	195840	Res
0661800640	192000	Res
0661800641	195840	Res
0661800642	192000	Res
0661800643	195840	Res
0661800644	192000	Res
0661800645	195840	Res
0661800646	192000	Res
0661800647	188000	Res
0661800648	210000	Res
0661800649	188000	Res
0661800650	195000	Res
0661800651	195840	Res
0661800652	192000	Res
0661800653	195840	Res
0661800654	192000	Res
0661800655	195840	Res
0661800656	192000	Res
0661800657	195840	Res
0661800658	192000	Res
0661800659	188000	Res
0661800660	195000	Res
0661800661	188000	Res
0661800662	210000	Res
0661800663	195840	Res
0661800664	192000	Res
0661800665	195840	Res
0661800666	192000	Res
0661800667	195840	Res
0661800668	192000	Res
0661800669	195840	Res
0661800670	143000	Res
0661800671	195840	Res
0661800673	188000	Res
0662694001	0	Res,Wetlands/NF
0662694140	0	Res
0662694150	0	Res
0662700640	314000	Res
0662700650	340000	Res
0662700660	282600	Res
0662700670	282600	Res
0662700680	306000	Res
0662700690	306000	Res
0662700700	306000	Res
0662700710	360000	Res
0663000000	8166336	Res,Recreational,Institutional,Upland Non-Forests
0663000011	0	Res
0663010000	0	Res,Recreational,Upland Non-Forests,Wetlands/NF
0663010010	0	Res
0663010020	0	Res
0663010030	0	Res
0663010040	0	Res
0663010701	527310	Res
0663010702	567000	Res
0663010703	550800	Res
0663010704	783060	Res

STRAP	JUST VALUE	LANDUSE
0663010705	411300	Res
0663010706	410000	Res
0663010707	550800	Res
0663010708	578000	Res
0663010709	627430	Res
0663010710	551000	Res
0663010711	618800	Res
0663010712	783060	Res
0663010713	518700	Res
0663010714	530100	Res
0663010715	680000	Res
0663010716	680000	Res
0663010717	570000	Res
0663010718	570000	Res
0663010719	1600000	Res
0663010720	1515000	Res
0663010721	642310	Res
0663010722	567000	Res
0663010723	516800	Res
0663010724	858060	Res
0663010725	381300	Res
0663010726	410000	Res
0663010727	550800	Res
0663010728	693000	Res
0663010729	551000	Res
0663010730	551000	Res
0663010731	618800	Res
0663010732	783060	Res
0663010733	518700	Res
0663010734	605100	Res
0663010735	680000	Res
0663010736	680000	Res
0663010738	570000	Res
0663010739	1500000	Res
0663010740	1400000	Res
0663010741	194000	Res
0663010742	322000	Res
0663010743	248000	Res
0663010744	411000	Res
0663010745	248000	Res
0663010746	411000	Res
0663010747	194000	Res
0663010748	322000	Res
0663010749	194000	Res
0663010750	376000	Res
0663010751	248000	Res
0663010752	411000	Res
0663010753	278000	Res
0663010754	322000	Res
0663010755	248000	Res
0663010756	411000	Res
0663010757	194000	Res
0663010758	322000	Res
0663010770	0	Res,Recreational,Upland Non-Forests
0663010781	0	Res
0663010782	0	Res
0663010801	527310	Res
0663010802	617000	Res
0663010803	557840	Res
0663010804	783060	Res

STRAP	JUST VALUE	LANDUSE
0663010805	381300	Res
0663010806	440000	Res
0663010807	594540	Res
0663010808	623900	Res
0663010809	512430	Res
0663010810	551000	Res
0663010811	682620	Res
0663010812	783060	Res
0663010813	530100	Res
0663010814	530100	Res
0663010815	734000	Res
0663010816	734000	Res
0663010817	570000	Res
0663010818	570000	Res
0663010819	1475000	Res
0663010820	1400000	Res
0663010821	527310	Res
0663010822	567000	Res
0663010823	557840	Res
0663010824	783060	Res
0663010825	381300	Res
0663010826	410000	Res
0663010827	594540	Res
0663010828	673900	Res
0663010829	551000	Res
0663010830	551000	Res
0663010831	682620	Res
0663010832	783060	Res
0663010833	530100	Res
0663010834	530100	Res
0663010835	734000	Res
0663010836	734000	Res
0663010837	570000	Res
0663010838	570000	Res
0663010839	1400000	Res
0663010840	1400000	Res
0663020001	0	Res,Recreational,Upland Non-Forests
0663020010	0	Res
0663020020	0	Res
0663020601	443000	Res
0663020602	443000	Res
0663020603	443000	Res
0663020604	443000	Res
0663020605	443000	Res
0663020606	443000	Res
0663020607	458000	Res
0663020608	443000	Res
0663020609	443000	Res
0663020610	443000	Res
0663020611	443000	Res
0663020612	443000	Res
0663020613	443000	Res
0663020614	443000	Res
0663020615	443000	Res
0663020616	443000	Res
0663020617	443000	Res
0663020618	443000	Res
0663020619	443000	Res
0663020620	443000	Res
0663020621	443000	Res

STRAP	JUST VALUE	LANDUSE
0663020622	443000	Res
0663020623	443000	Res
0663020624	443000	Res
0663020625	443000	Res
0663020626	443000	Res
0663020627	443000	Res
0663020628	443000	Res
0669150000	0	Res,Wet/H,Wet/H,Wetlands/NF
0669200000	539611	Res,Water
0669200001	267190	Res,Water,Wet/H,Wetlands/NF,Wetlands/NF
0669200002	352769	Res,Water
0669200003	77090	Res,Water,Wet/H,Wetlands/NF Res,Recreational,Upland Non-Forests,Hardwood
0669200010	3026978	Forests Res,Recreational,Upland Non-Forests,Hardwood
0669200020	3644554	Forests
0669200030	302500	Res,Hardwood Forests Res,Recreational,Upland Non-Forests,Hardwood
0669200040	3027701	Forests
0669200061	603879	Res,Wet/H
0669200070	519050	Res,Wet/H
0669200090	150000	Res,Water,Wet/H
0669200100	865385	Res,Water
0669200120	2000	Res,Water
0669200130	1246606	Res
0669200170	877802	Res
0669200180	3310	Res,Water
0669200190	297500	Res,Water Res,Recreational,Upland Non-Forests,Hardwood
0669800000	7061982	Forests
0669800010	1115507	Res,Hardwood Forests,Wet/H,Wet/H,Wetlands/NF Res,Recreational,Upland Non-Forests,Hardwood
0669810000	2681225	Forests
0669820000	1253260	Res,Hardwood Forests,Wet/H Res,Recreational,Upland Non-Forests,Hardwood
0669900000	5052967	Forests Res,Recreational,Upland Non-Forests,Hardwood
0669950000	2842727	Forests
0669950020	4705217	Res,Recreational,Upland Non-Forests
0669950030	600000	Hardwood Forests,Wet/H
0669950036	0	Res,Hardwood Forests
0669950037	0	Res,Hardwood Forests,Wet/H
0669950041	1516557	Hardwood Forests
0669950042	1399164	Res
0669950043	500000	Hardwood Forests
0669950044	500000	Res
0669950045	500000	Hardwood Forests,Wet/H
0669950046	500000	Res,Hardwood Forests,Wet/H
0669950047	600000	Hardwood Forests,Wet/H,Wetlands/NF
0669950050	584500	Res,Wet/H
0669950051	935097	Res,Wet/H
0669950052	739080	Res
0669950053	400000	Res
0669950054	28000	Res Res,Recreational,Upland Non-Forests,Hardwood
0669950100	15000	Forests Res,Recreational,Upland Non-Forests,Hardwood
0669950110	15000	Forests
0670000000	5142444	Res,Recreational,Upland Non-Forests

STRAP	JUST VALUE	LANDUSE
0670200000	3576300	Res,Recreational,Upland Non-Forests
0670200010	2602964	Res,Recreational,Upland Non-Forests
0670500000	5306566	Res,Recreational,Upland Non-Forests
0670550000	5686003	Res,Recreational,Upland Non-Forests
0670560010	873967	Res
0670560020	977086	Res
0670560030	1190312	Res,Wet/H
0670560040	1282304	Res
0670560050	400000	Res,Wet/H
0670560060	1030863	Res
0670560070	400000	Res
0670560080	935000	Res
0670560090	1301099	Res
0670570001	20400	Res,Hardwood Forests,Wet/H,Wetlands/NF
0670570002	0	Res,Wet/H,Wet/H,Wetlands/NF
0670600010	4252585	Res,Recreational,Upland Non-Forests
0670700000	1280	Wet/H,Wetlands/NF,Wetlands/NF Res,Water,Wet/H,Wetlands/NF,Wetlands/NF,Wetlan
0670700005	11640	ds/NF,Wetlands/NF,Wetlands/NF
0670700010	126834	Res,Recreational,Recreational,Upland Non-Forests
0670700020	3235864	Res,Recreational,Upland Non-Forests
0670700040	113376	Res,Recreational,Water
0670700050	96800	Res,Recreational,Wet/H
0670700051	21600	Res,Recreational
0670700060	121406	Res,Recreational,Water
0670700080	202	Wet/H
0670700085	1117	Wet/H,Wetlands/NF,Wetlands/NF
0670711010	3787892	Res,Recreational,Upland Non-Forests
0670711020	3218496	Res,Recreational,Upland Non-Forests
0670711030	3197072	Res,Recreational,Upland Non-Forests
0670711040	2676863	Res,Recreational,Upland Non-Forests
0670711050	3084691	Res,Recreational,Upland Non-Forests Res,Recreational,Upland Non-Forests,Hardwood
0670711100	10245488	Forests
0670711120	4372066	Res,Recreational,Upland Non-Forests
0670711140	3267919	Res,Recreational,Recreational,Upland Non-Forests
0670712010	0	Res,Recreational,Recreational,Upland Non-Forests
0670712020	0	Recreational,Recreational,Upland Non-Forests
0670712030	0	Res,Recreational,Recreational,Upland Non-Forests
0670712040	4678757	Res,Recreational,Recreational,Upland Non-Forests
0670712050	3109768	Res,Recreational,Upland Non-Forests
0670712060	3434900	Res,Recreational,Upland Non-Forests
0670712070	2485349	Res,Recreational,Upland Non-Forests
0670712080	1852500	Res,Recreational,Upland Non-Forests
0670712090	1852500	Res,Recreational,Upland Non-Forests
0670720010	888865	Res,Wet/H
0670720011	1000	Res,Wet/H
0670720020	1131310	Res,Wet/H
0670720030	2459902	Res,Wet/H
0670720040	325000	Res
0670720050	873701	Res,Wet/H
0670720051	1000	Wet/H,Wetlands/NF
0670720060	743405	Res,Wet/H
0670720061	1000	Res,Wet/H,Wetlands/NF
0670720070	733424	Res,Wet/H,Wetlands/NF

STRAP	JUST VALUE	LANDUSE
0670720080	996000	Res,Wet/H
0670720081	1000	Wet/H
0670720090	915164	Res,Wet/H
0670720091	1000	Res,Wet/H,Wetlands/NF,Wetlands/NF
0670720100	699996	Res
0670720101	1000	Res,Wetlands/NF,Wetlands/NF
0670720110	934527	Res
0670720111	1000	Res,Wetlands/NF
0670910001	0	Res,Transportation/Communication/and Utilities
0670910010	564576	Res
0670910020	675706	Res
0670910030	693885	Res
0670910040	713462	Res
0670910050	572972	Res,Wet/H
0670910060	688177	Res,Wet/H
0670910070	714051	Res
0670910080	781586	Res,Water
0670910090	904564	Res,Water
0670910100	732318	Res
0670910110	764836	Res
0670910120	842873	Res
0670910130	547037	Res,Transportation/Communication/and Utilities
0670910140	675871	Res,Transportation/Communication/and Utilities
0670910150	808665	Res,Transportation/Communication/and Utilities
0670910160	562036	Res
0670910170	642004	Res
0670910180	604795	Res
0670920001	0	Res,Transportation/Communication/and Utilities
0670920002	694	Res,Wet/H
0670920003	1236	Res,Wetlands/NF Res,Wet/H,Transportation/Communication/and
0670920010	508738	Utilities
0670920020	524505	Res,Wet/H
0670920030	577807	Res
0670920040	636619	Res
0670920050	853589	Res
0670920060	706788	Res
0670920070	738563	Res
0670920080	757964	Res
0670920090	588524	Res,Transportation/Communication/and Utilities
0670920100	848388	Res,Transportation/Communication/and Utilities
0670920110	641151	Res,Transportation/Communication/and Utilities
0670920120	529193	Res,Transportation/Communication/and Utilities
0670920130	654968	Res,Transportation/Communication/and Utilities
0671000000	0	Res
0671000001	6700	Res
0671000010	528801	Res
0671000020	719755	Res
0671000030	611501	Res
0671000040	722269	Res
0671000050	644629	Res
0671000060	195000	Res
0671000070	195000	Res
0671000080	195000	Res
0671000090	816480	Res
0671000100	723118	Res,Wet/H
0671000110	660274	Res,Wet/H
0671000120	556158	Res,Water
0671000130	773175	Res,Water
0671000140	618180	Res,Water

STRAP	JUST VALUE	LANDUSE
0671000150	704732	Res,Water
0671000160	684001	Res
0671000170	774347	Res,Recreational
0671220000	0	Hardwood Forests
0671220001	0	Water,Wet/H,Wetlands/NF,Wetlands/NF
0671220010	525000	Res,Hardwood Forests
0671220020	625000	Res,Hardwood Forests,Wet/H
0671220030	525000	Hardwood Forests
0671220040	625000	Hardwood Forests,Wet/H
0671220050	0	Hardwood Forests,Wet/H,Wetlands/NF
0671220060	525000	Hardwood Forests,Wet/H,Wetlands/NF
0671220070	525000	Hardwood Forests,Wet/H,Wetlands/NF
0671220080	525000	Hardwood Forests,Wet/H,Wetlands/NF
0671220090	525000	Hardwood Forests,Wet/H,Wetlands/NF
0671220100	525000	Hardwood Forests,Wet/H,Wetlands/NF
0671220110	525000	Hardwood Forests,Wet/H,Wetlands/NF
0671220120	525000	Hardwood Forests,Wet/H,Wetlands/NF
0671450000	550000	Hardwood Forests,Wet/H,Wetlands/NF
0671450010	17500	Water,Wetlands/NF,Wetlands/NF
0671450011	0	Res,Hardwood Forests,Wet/H,Wetlands/NF
0671450012	0	Water,Wetlands/NF,Wetlands/NF
0671500000	906530	Res,Wet/H,Wetlands/NF
0671500010	8200	Water,Wetlands/NF,Wetlands/NF
0671500020	779995	Res,Wet/H,Wetlands/NF
0671500030	8200	Water,Wetlands/NF,Wetlands/NF
0671500040	4050	Res,Hardwood Forests,Wet/H,Wetlands/NF
0671500050	3600	Water,Wetlands/NF,Wetlands/NF
0671600000	400000	Res,Hardwood Forests,Wet/H,Wetlands/NF
0671600010	15000	Water,Wet/H,Wetlands/NF,Wetlands/NF
0671650010	42000	Res,Water,Wet/H,Wet/H,Wetlands/NF,Wetlands/NF
0671750010	810482	Res,Wet/H
0671750020	810004	Res,Wet/H,Wetlands/NF
0671750030	787738	Res
0671750040	0	Res
0671750050	707773	Res,Wetlands/NF Res,Res,Hardwood Forests,Water,Water,Water,Wet/H,Wet/H,Wet/H,Wet
0673550000	54575	lands/NF
0673600000	743137	Res,Wetlands/NF
0673600010	6250	Wet/H,Wetlands/NF
0673600020	763619	Res,Wetlands/NF
0673600030	6750	Res,Water,Wet/H,Wetlands/NF
0673700000	1093702	Res,Wetlands/NF
0673750000	11750	Res,Wet/H,Wetlands/NF
0673750020	835891	Res
0673750025	236278	Res,Wet/H,Wetlands/NF
0673810020	711934	Res,Hardwood Forests,Wetlands/NF
0673810030	275000	Hardwood Forests,Wetlands/NF
0673810040	275000	Hardwood Forests,Wetlands/NF
0673810050	1127409	Hardwood Forests,Wetlands/NF
0673810060	1041485	Res,Hardwood Forests,Wetlands/NF
0673810070	626474	Res,Wetlands/NF
0673810080	965772	Res
0673810090	512136	Res
0673810100	275000	Res,Wetlands/NF
0673810110	275000	Res,Wetlands/NF
0673810120	635283	Res,Wetlands/NF
0673810130	755232	Res
0673810140	1282718	Res

STRAP	JUST VALUE	LANDUSE
0673850000	331600	Water,Wet/H,Wetlands/NF
0673850001	10000	Wet/H,Wetlands/NF
0673850020	730473	Res,Wetlands/NF
0673850030	200000	Res,Res,Wetlands/NF
0673850040	928026	Res,Wetlands/NF
0673850050	604040	Res,Hardwood Forests,Water,Wet/H
0673850061	0	Res,Wetlands/NF
0673850062	1500	Res Res,Res,Hardwood
0673850080	1314941	Forests,Water,Wet/H,Wetlands/NF
0673850090	2224752	Res,Hardwood Forests,Water,Wet/H
0673900001	0	Res
0673900010	685055	Res
0673900020	463495	Res,Wet/H
0673900030	499257	Res,Wet/H,Wetlands/NF
0673900040	574570	Res,Wet/H,Wetlands/NF
0673900050	474635	Res,Wet/H,Wetlands/NF
0673900060	618383	Res,Wet/H,Wetlands/NF
0673900070	607854	Res,Wet/H,Wetlands/NF
0673900080	768347	Res,Wet/H,Wetlands/NF
0673900090	498890	Res
0673900100	648606	Res
0673900110	474677	Res
0673900120	520274	Res
0673900130	404393	Res
0673901001	405	Res,Res
0673901010	426992	Res,Res,Wetlands/NF
0673901020	569348	Res,Wetlands/NF
0673901030	609400	Res,Wetlands/NF
0673901040	555747	Res,Wetlands/NF
0673901050	3450	Res,Water,Wet/H,Wetlands/NF
0673901060	549916	Res,Water,Wet/H,Wetlands/NF
0674000000	504360	Hardwood Forests,Water,Wet/H,Wetlands/NF
0674000010	0	Res,Hardwood Forests,Wet/H,Wetlands/NF Res,Hardwood Forests,Hardwood
0674050000	1486864	Forests,Water,Wet/H,Wetlands/NF
0674700000	5719477	Res,Recreational,Upland Non-Forests
0674700010	328760	Res,Hardwood Forests,Water,Wet/H,Wetlands/NF
0674700020	652636	Res,Hardwood Forests,Water,Wet/H,Wetlands/NF
0674850000	4262960	Res,Recreational,Upland Non-Forests
0675000000	1520	Water,Wet/H,Wetlands/NF
0675000010	4425553	Res,Recreational,Upland Non-Forests
0675000020	325000	Res,Water,Wet/H,Wetlands/NF,Wetlands/NF
0675000021	15609	Water,Wet/H,Wetlands/NF,Wetlands/NF
0675000030	292500	Res,Wet/H,Wetlands/NF
0675050010	787968	Res,Wet/H
0675050011	2400	Water,Wet/H,Wetlands/NF
0675050020	328200	Res,Wet/H,Wetlands/NF
0675050021	3200	Water,Wet/H,Wetlands/NF
0675050030	1950000	Res,Recreational,Upland Non-Forests
0675100000	329000	Res,Water,Wet/H,Wetlands/NF,Wetlands/NF
0675100010	932638	Res,Water,Wet/H,Wetlands/NF
0675100020	682075	Res,Water,Wet/H,Wetlands/NF
0675100030	1950000	Res,Recreational,Upland Non-Forests
0675100040	1950000	Res,Recreational,Upland Non-Forests
0675100050	1950000	Res,Recreational,Upland Non-Forests
0675300010	1005478	Res,Water,Wet/H,Wetlands/NF
0675400000	557840	Res,Water,Wet/H,Wetlands/NF,Wetlands/NF

STRAP	JUST VALUE	LANDUSE
0675450000	3659007	Res,Recreational,Upland Non-Forests Res,Upland Non-Forests,Hardwood
0675480000	16816700	Forests,Water,Wet/H,Wetlands/NF Hardwood Forests,Water,Wet/H,Wetlands/NF,Wetlands/NF,Wet lands/NF,Wetlands/NF,Wetlands/NF,Wetlands/NF,W
0675500000	52062	etlands/NF
0675550000	6920	Water,Wet/H,Wetlands/NF
0675550020	325000	Hardwood Forests,Wet/H
0675550030	325960	Hardwood Forests,Wet/H
0675600010	502520	Res,Hardwood Forests,Water,Wet/H,Wetlands/NF
0675600020	761123	Res,Water
0675600030	878417	Res,Water,Wet/H
0675600040	825158	Res,Water,Wet/H
0675600050	1518205	Res,Wet/H
0675610010	1004050	Res,Water,Wet/H
0675610020	327720	Res,Wet/H
0675610030	328760	Res,Wet/H
0675650000	326440	Res,Water,Wet/H,Wetlands/NF
0675660000	326960	Res,Water,Wet/H,Wetlands/NF
0684900000	3403910	Res,Recreational,Upland Non-Forests
0685200000	3332080	Res,Recreational,Upland Non-Forests
0685200040	3568081	Res,Recreational,Upland Non-Forests
0685200050	3494275	Res,Recreational,Upland Non-Forests
0685200070	1545197	Res,Wetlands/NF
0685200071	1048077	Res,Wetlands/NF
0685200072	1734595	Res,Wetlands/NF
0685200073	1234716	Res,Wetlands/NF
0685200110	938625	Res,Hardwood Forests,Wetlands/NF
0685200120	1109289	Res,Hardwood Forests
0685200160	856232	Hardwood Forests,Wetlands/NF,Wetlands/NF
0685209991	19000	Hardwood Forests,Wet/H
0685209992	0	Hardwood Forests,Wetlands/NF
0685209994	0	Res,Hardwood Forests,Wetlands/NF
0685210010	400000	Hardwood Forests
0685210020	500000	Hardwood Forests
0685210030	500000	Hardwood Forests
0685210040	500000	Hardwood Forests,Wet/H
0685210050	500000	Hardwood Forests,Wet/H,Wetlands/NF
0685210060	500000	Hardwood Forests,Wet/H,Wetlands/NF
0685210070	500000	Hardwood Forests,Wet/H,Wetlands/NF
0685210080	600000	Hardwood Forests,Wet/H
0685210140	600000	Hardwood Forests,Wetlands/NF
0685210150	600000	Hardwood Forests,Wetlands/NF
0685210160	1757488	Hardwood Forests,Wet/H
0685210170	500000	Hardwood Forests,Wet/H,Wetlands/NF
0685210180	1620788	Hardwood Forests,Wetlands/NF
0685210190	500000	Hardwood Forests
0685210200	500000	Hardwood Forests
0685210210	500000	Hardwood Forests
0685210220	400000	Res,Hardwood Forests
0685300000	4341923	Res,Recreational,Upland Non-Forests
0685300010	5242662	Res,Recreational,Upland Non-Forests
0685300030	3102403	Res,Recreational,Upland Non-Forests
0685300050	4000	Wetlands/NF,Wetlands/NF
0685300051	3868	Wetlands/NF,Wetlands/NF
0685300052	3092	Wetlands/NF,Wetlands/NF
0685300053	2640	Wetlands/NF,Wetlands/NF
0685300090	3227892	Res,Recreational,Upland Non-Forests

STRAP	JUST VALUE	LANDUSE
0685300100	3788893	Res,Recreational,Upland Non-Forests
0685300130	3150455	Res,Wetlands/NF
0685300139	10840	Res,Wetlands/NF,Wetlands/NF Water,Wet/H,Wetlands/NF,Wetlands/NF,Wetlands/N
0685600000	36140	F,Wetlands/NF
0686500000	31500	Res

STRAP	JUST VALUE	LANDUSE
0703900000	721670	Hardwood Forests,Water
0704100000	10200000	Res,Upland Non-Forests,Hardwood Forests
0715400000	73250	Res,Hardwood Forests,Water
0715700000	187500	Hardwood Forests,Water
1419500001	1080900	Hardwood Forests,Water,Wetlands/NF
1419600010	1620	Hardwood Forests
1428100005	0	Res,Upland Non-Forests
1428100007	0	Res,Upland Non-Forests
1428100009	0	Res,Upland Non-Forests
1428100013	0	Res,Upland Non-Forests
1428400000	478870	Res,Upland Non-Forests
1428500000	883145	Res,Upland Non-Forests
1428600000	688076	Res,Upland Non-Forests
1428700000	898213	Res,Upland Non-Forests
1428800000	625131	Res,Upland Non-Forests
1428900000	1300	Res,Upland Non-Forests
1429000000	500000	Res,Upland Non-Forests
1429100000	1377096	Res,Upland Non-Forests
1429200000	1134970	Res,Upland Non-Forests
1429300000	1320968	Res,Upland Non-Forests
1429400000	599275	Res,Upland Non-Forests
1429500000	537040	Res,Upland Non-Forests
1429600000	1640828	Res,Upland Non-Forests
1429700000	660461	Res,Upland Non-Forests
1429750000	625173	Res,Upland Non-Forests
1429770000	1882522	Res,Upland Non-Forests
1429780010	1609214	Res,Upland Non-Forests
1429780020	2383496	Res,Upland Non-Forests
1429800000	1279153	Res,Upland Non-Forests
1429900000	1579658	Res,Upland Non-Forests
1429900050	1317877	Res,Upland Non-Forests
1430000000	856802	Res,Upland Non-Forests
1430100000	905382	Res,Upland Non-Forests
1430200000	644853	Res,Upland Non-Forests
1430300000	1169145	Res,Upland Non-Forests
1430400000	663202	Res,Upland Non-Forests
1430500000	1065490	Res,Upland Non-Forests
1430500120	1210836	Res,Upland Non-Forests
1430500130	944720	Res,Upland Non-Forests
1430600000	1272190	Res,Upland Non-Forests
1430600150	570000	Res,Upland Non-Forests
1430700000	1506013	Res,Upland Non-Forests
1430800000	938129	Res,Upland Non-Forests
1430900000	928166	Res,Upland Non-Forests
1431000000	690486	Res,Upland Non-Forests
1431100000	1390897	Res,Upland Non-Forests
1431200000	570000	Res,Upland Non-Forests
1431200020	1836588	Res,Upland Non-Forests
1431300000	1245195	Res,Upland Non-Forests
1431400000	1702268	Res,Upland Non-Forests
1431500000	901870	Res,Upland Non-Forests
1431600000	926113	Res,Upland Non-Forests
1431700000	729452	Res,Upland Non-Forests
1431800000	801516	Res,Upland Non-Forests
1431900000	570000	Res,Upland Non-Forests
1432000000	1178711	Res,Upland Non-Forests
1432100000	1900132	Res,Upland Non-Forests
1432200000	570000	Res,Upland Non-Forests
1432300000	570000	Res,Upland Non-Forests
1432400000	1607968	Res,Upland Non-Forests

STRAP	JUST VALUE	LANDUSE
1432500000	1247601	Res,Upland Non-Forests
1432600000	909685	Res,Upland Non-Forests
1432700000	813235	Res,Upland Non-Forests
1432800000	847224	Res,Upland Non-Forests
1432900000	570000	Res,Upland Non-Forests
1433000000	1486663	Res,Upland Non-Forests
1433100000	2061024	Res,Upland Non-Forests
1433200000	870398	Res,Upland Non-Forests
1433300000	1797680	Res,Upland Non-Forests
1433400000	1166851	Res,Upland Non-Forests
1433500000	1131817	Res,Upland Non-Forests
1433600000	895925	Res,Upland Non-Forests
1433700000	956893	Res,Upland Non-Forests
1433800000	904861	Res,Upland Non-Forests
1433900000	844987	Res,Upland Non-Forests
1434000000	570000	Res,Upland Non-Forests
1434100000	570000	Res,Upland Non-Forests
1434200000	800855	Res,Upland Non-Forests
1434300000	570000	Res,Upland Non-Forests
1434400000	2217290	Res,Upland Non-Forests
1434500000	833816	Res,Upland Non-Forests
1434600000	916553	Res,Upland Non-Forests
1434700000	966643	Res,Upland Non-Forests
1434800000	820936	Res,Upland Non-Forests
1434900000	570000	Res,Upland Non-Forests
1435000000	891080	Res,Upland Non-Forests
1450200000	1153880	Res,Upland Non-Forests
1450300000	762314	Res,Upland Non-Forests
1450400000	618084	Res,Upland Non-Forests
1450500000	582996	Res,Upland Non-Forests
1450600000	629709	Res,Upland Non-Forests
1450700000	1865713	Res,Upland Non-Forests
1450800000	692862	Res,Upland Non-Forests
1450900000	674816	Res,Upland Non-Forests
1451000000	713570	Res,Upland Non-Forests
1451100000	794950	Res,Upland Non-Forests
1451200000	861668	Res,Upland Non-Forests
1451300000	628680	Res,Upland Non-Forests
1451400000	681546	Res,Upland Non-Forests
1451500000	796443	Res,Upland Non-Forests
1451600000	646353	Res,Upland Non-Forests
1451700000	563540	Res,Upland Non-Forests

STRAP	JUST VALUE	LANDUSE
1823229902	0	Res
1863300000	910075	Res,Recreational,Upland Non-Forests,Res,Hardwood Forests,Wetlands/NF
1863300001	18233	Recreational
1863390001	0	Res,Upland Non-Forests,Upland Non-Forests
1863900000	895276	Res,Upland Non-Forests
1863900090	1365878	Res,Upland Non-Forests
1864000000	1145822	Res,Upland Non-Forests
1864100000	4435425	Res,Upland Non-Forests,Upland Non-Forests
1864300140	833630	Res,Recreational,Upland Non-Forests
1864300145	1324909	Res,Upland Non-Forests
1864400000	1125731	Res,Upland Non-Forests,Upland Non-Forests
1864400150	1598066	Res,Upland Non-Forests,Upland Non-Forests
1864400151	119990	Upland Non-Forests
1864500000	2521479	Res,Upland Non-Forests,Upland Non-Forests
1864500180	2335949	Res,Upland Non-Forests,Upland Non-Forests
1864600000	1125416	Res,Upland Non-Forests,Upland Non-Forests
1864700000	1164379	Res,Upland Non-Forests,Upland Non-Forests
1864800000	892500	Res,Upland Non-Forests,Upland Non-Forests
1864900000	1346730	Res,Upland Non-Forests,Upland Non-Forests
1865000000	1020772	Res,Upland Non-Forests,Upland Non-Forests
1865100000	690244	Res,Upland Non-Forests
1865100010	353490	Res,Upland Non-Forests,Upland Non-Forests
1865250000	0	Res
1865250010	185250	Res,Res
1865250020	415390	Res,Res
1865250030	433201	Res,Res
1865250040	443142	Res,Res
1865250050	1219635	Res,Res,Upland Non-Forests
1865250051	0	Res,Res
1865250060	2103474	Res,Res,Upland Non-Forests
1865250070	195000	Res
1865250080	406088	Res
1865250090	357714	Res
1865250100	185250	Res
1865250251	5000	Upland Non-Forests
1865260001	0	Res,Res
1865260010	288460	Res
1865260020	495625	Res
1865260030	295169	Res
1865260040	398522	Res,Res
1865260050	1504870	Res,Res,Upland Non-Forests
1865260060	1305072	Res,Res,Upland Non-Forests
1865260070	477316	Res,Res
1865260080	433636	Res
1865260090	507099	Res
1865260100	339139	Res
1865270001	0	Res,Res
1865270010	185250	Res
1865270020	347838	Res
1865270030	570126	Res
1865270040	913496	Res,Res,Upland Non-Forests
1865270050	818550	Res,Upland Non-Forests
1865270060	195000	Res,Res
1865270070	473952	Res
1865270080	195000	Res
1865270090	185250	Res
1865310001	0	Res,Res,Res,Recreational,Upland Non-Forests,Hardwood Forests
1865310002	0	Res,Res,Recreational
1865310101	0	Res
1865310102	0	Res

STRAP	JUST VALUE	LANDUSE
1865310103	0	Res
1865310104	0	Res
1865310105	0	Res
1865311111	393120	Res
1865311114	371700	Res
1865311117	371700	Res
1865311122	382590	Res
1865311123	405990	Res
1865311125	321030	Res
1865311126	356700	Res
1865311128	356700	Res
1865311129	356700	Res
1865312110	330000	Res
1865312113	310000	Res
1865312122	310000	Res
1865312211	290000	Res
1865312212	290000	Res
1865312214	290000	Res
1865312215	290000	Res
1865312216	310000	Res
1865312217	290000	Res
1865312218	290000	Res
1865312219	310000	Res
1865312220	290000	Res
1865312221	290000	Res
1865312223	290000	Res
1865312224	290000	Res
1865312225	310000	Res
1865312226	290000	Res
1865312227	290000	Res
1865313128	306900	Res
1865313131	306900	Res
1865313134	306900	Res
1865313229	287100	Res
1865313230	287100	Res
1865313232	287100	Res
1865313233	287100	Res
1865313235	287100	Res
1865313236	287100	Res
1865313237	306900	Res
1865313238	287100	Res
1865313239	287100	Res
1865313240	0	Res
1865313241	287100	Res
1865314142	310000	Res
1865314145	310000	Res
1865314148	310000	Res
1865314151	310000	Res
1865314154	310000	Res
1865314157	330000	Res
1865314243	290000	Res
1865314244	290000	Res
1865314246	290000	Res
1865314247	290000	Res
1865314249	290000	Res
1865314250	290000	Res
1865314252	290000	Res
1865314253	290000	Res
1865314255	290000	Res
1865314256	290000	Res

STRAP	JUST VALUE	LANDUSE
1865314258	290000	Res
1865314259	290000	Res
1865315160	371700	Res
1865315163	371700	Res
1865315166	393120	Res
1865315261	356700	Res
1865315262	356700	Res
1865315264	356700	Res
1865315265	356700	Res
1865315267	405990	Res
1865315268	385860	Res
1865320101	0	Res
1865320102	0	Res
1865320103	0	Res
1865320104	0	Res
1865320105	0	Res
1865320111	393120	Res
1865320114	371700	Res
1865320117	371700	Res
1865320122	385860	Res
1865320123	385860	Res
1865320125	356700	Res
1865320126	356700	Res
1865320128	356700	Res
1865320129	356700	Res
1865321110	371700	Res
1865321211	356700	Res
1865321212	356700	Res
1865322113	310000	Res
1865322116	310000	Res
1865322119	310000	Res
1865322122	310000	Res
1865322125	330000	Res
1865322214	290000	Res
1865322215	290000	Res
1865322217	290000	Res
1865322218	290000	Res
1865322220	290000	Res
1865322221	290000	Res
1865322223	290000	Res
1865322224	290000	Res
1865322226	290000	Res
1865322227	290000	Res
1865323128	306900	Res
1865323131	306900	Res
1865323134	306900	Res
1865323229	287100	Res
1865323230	287100	Res
1865323232	287100	Res
1865323233	287100	Res
1865323235	287100	Res
1865323236	287100	Res
1865324137	330000	Res
1865324140	310000	Res
1865324143	310000	Res
1865324146	310000	Res
1865324149	310000	Res
1865324238	290000	Res
1865324239	290000	Res
1865324241	290000	Res

STRAP	JUST VALUE	LANDUSE
1865324242	290000	Res
1865324244	290000	Res
1865324245	315000	Res
1865324247	315000	Res
1865324248	290000	Res
1865324250	290000	Res
1865324251	290000	Res
1865325152	393120	Res
1865325155	371700	Res
1865325158	371700	Res
1865325161	371700	Res
1865325253	385860	Res
1865325254	385860	Res
1865325256	356700	Res
1865325257	356700	Res
1865325259	356700	Res
1865325260	356700	Res
1865325262	356700	Res
1865325263	356700	Res
1865330101	0	Res
1865330102	0	Res
1865330103	0	Res
1865330104	0	Res
1865330105	0	Res
1865330111	371700	Res
1865330114	371700	Res
1865330117	371700	Res
1865330122	356700	Res
1865330123	356700	Res
1865330125	356700	Res
1865330126	356700	Res
1865330128	356700	Res
1865330129	356700	Res
1865331110	393120	Res
1865331211	385860	Res
1865331212	385860	Res
1865332113	310000	Res
1865332116	310000	Res
1865332119	310000	Res
1865332122	310000	Res
1865332125	330000	Res
1865332214	290000	Res
1865332215	290000	Res
1865332217	290000	Res
1865332218	290000	Res
1865332220	290000	Res
1865332221	290000	Res
1865332223	290000	Res
1865332224	290000	Res
1865332226	290000	Res
1865332227	290000	Res
1865333128	306900	Res
1865333131	306900	Res
1865333134	306900	Res
1865333229	287100	Res
1865333230	287100	Res
1865333232	287100	Res
1865333233	287100	Res
1865333235	287100	Res
1865333236	287100	Res

STRAP	JUST VALUE	LANDUSE
1865334137	330000	Res
1865334140	310000	Res
1865334143	310000	Res
1865334146	310000	Res
1865334149	310000	Res
1865334238	290000	Res
1865334239	290000	Res
1865334241	290000	Res
1865334242	290000	Res
1865334244	290000	Res
1865334245	290000	Res
1865334247	290000	Res
1865334248	290000	Res
1865334250	290000	Res
1865334251	315000	Res
1865335152	393120	Res
1865335155	396700	Res
1865335158	371700	Res
1865335161	371700	Res
1865335253	385860	Res
1865335254	385860	Res
1865335256	356700	Res
1865335257	356700	Res
1865335259	356700	Res
1865335260	356700	Res
1865335262	356700	Res
1865335263	356700	Res
1865340101	0	Res
1865340102	0	Res
1865340103	0	Res
1865340104	0	Res
1865340105	0	Res
1865340111	371700	Res
1865340114	371700	Res
1865340117	371700	Res
1865340122	356700	Res
1865340123	356700	Res
1865340125	356700	Res
1865340126	356700	Res
1865340128	356700	Res
1865340129	356700	Res
1865341110	418120	Res
1865341211	356700	Res
1865341212	367080	Res
1865342113	310000	Res
1865342116	310000	Res
1865342119	310000	Res
1865342122	310000	Res
1865342125	330000	Res
1865342214	290000	Res
1865342215	290000	Res
1865342217	290000	Res
1865342218	290000	Res
1865342220	290000	Res
1865342221	290000	Res
1865342223	290000	Res
1865342224	290000	Res
1865342226	290000	Res
1865342227	207000	Res
1865343128	306900	Res

STRAP	JUST VALUE	LANDUSE
1865343131	306900	Res
1865343134	306900	Res
1865343229	287100	Res
1865343230	287100	Res
1865343232	287100	Res
1865343233	287100	Res
1865343235	287100	Res
1865343236	287100	Res
1865344137	330000	Res
1865344140	310000	Res
1865344143	310000	Res
1865344146	310000	Res
1865344149	310000	Res
1865344238	207000	Res
1865344239	290000	Res
1865344241	290000	Res
1865344242	290000	Res
1865344244	290000	Res
1865344245	290000	Res
1865344247	290000	Res
1865344248	290000	Res
1865344250	290000	Res
1865344251	290000	Res
1865345152	371700	Res
1865345155	371700	Res
1865345158	371700	Res
1865345161	393120	Res
1865345253	356700	Res
1865345254	356700	Res
1865345256	356700	Res
1865345257	356700	Res
1865345259	356700	Res
1865345260	356700	Res
1865345262	385860	Res
1865345263	367080	Res
1865400000	130000	Res,Recreational,Wetlands/NF
1865400010	351001	Res,Wetlands/NF
1865500000	209835	Hardwood Forests
1865530000	713838	Res,Hardwood Forests
1865600010	737449	Res,Hardwood Forests

Location/Name	R-Monument	Type of Access	Width of Access/Frontage	Total Public Units or Parking Spaces	Additional Width from Eligibility	Eligible Shoreline (feet)	DBPR License	URL for DBPR License
Public Lodging 1: 295 Ponte Vedra Blvd. Ponte Vedra Inn & Club	R4 - R6	Secondary	2,353	249/249	0	2,353	HOT6500060	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=C160ADE07B6B82B5C7DB8F6337902AE7
PVB #1A	R6	Secondary	10	1.25	66*	76		
PVB #2	R7	Secondary	10	0	0	10		
PVB#3	R7	Secondary	10	0	0	10		
PVB#4	R8	Secondary	10	1.25	66*	76		
PVB#5 San Diego Rd.	R8	Secondary	10	1.25	66*	76		
PVB#6	R9	Secondary	10	0	0	10		
PVB#7	R9	Secondary	10	0	0	10		
PVB#8 Solano Rd.	R10	Secondary	10	0	0	10		
PVB#9	R10	Secondary	10	0	0	10		
PVB#10	R10	Secondary	10	0	0	10		
PVB#11	R11	Secondary	10	0	0	10		
PVB#12	R11	Secondary	10	1.25	66*	76		
PVB#13	R12	Secondary	10	0	0	10		
PVB#14	R12	Secondary	10	13	686.4**	696.4		
Public Lodging 2: 607 Ponte Vedra Blvd. The Lodge at Ponte Vedra	R13	Secondary	636	0	0	636	HOT6500948	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=F509F801B990FBBAEDDC1F507D1F084F
Public Lodging 3:*** 611-113 & 114 Ponte Vedra Blvd. Watson Realty Corp.	R14	Secondary	255	2 of 16	0	105.6	CND6500062	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=98A2E6BC6D28E0FC13996D3D64E88B5F
Public Lodging 4: 619 Ponte Vedra Blvd. Marriott Cabana Beach Club	R14	Secondary	303	0	0	303	HOT6501110	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=3400AEC861B93EC3424A2B4E23917AA8
Public Lodging 5:*** 620-E11 Ponte Vedra Blvd. Rae Davies	R14	Secondary	10	1 of 12	0	52.8	CND6501743	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=C96BD758EBDD82140F437308AC1D3F42
Public Lodging 6:*** 625B Ponte Vedra Blvd. Breakers V	R14	Secondary	213	1 of 12	0	52.8	CND6501668	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=0C74E8080F481A36853A52E3C232DCE7
Public Lodging 7:*** 645B Ponte Vedra Blvd. Ocean Song	R15	Secondary	213	1 of 12	0	52.8	CND6501639	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=052409E7DB179F8068E73E61761D48D9
Public Lodging 8:*** 645D Ponte Vedra Blvd. Watson Realty Corp.	R15	Secondary	213	1 of 12	0	52.8	CND6500062	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=98A2E6BC6D28E0FC13996D3D64E88B5F
Public Lodging 9:*** 651A Ponte Vedra Blvd. Ponte Vedra Beakers South Vacation Rental Pros Property Management, LLC	R16	Secondary	211	1 of 12	0	52.8	CND6501683	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=B3E34BE003111921336F57D831495B61
Public Lodging 10:*** 687 Ponte Vedra Blvd. Retreat V Vacation Rental Pros Property Management, LLC	R16	Secondary	213	1 of 16	0	52.8	CND6501683	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=B3E34BE003111921336F57D831495B61
Public Lodging 11:*** 667D Ponte Vedra Blvd. B&G Financial Group, LLC	R16	Secondary	213	1 of 16	0	52.8	CND6501721	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=4393E07E021091BFAF6E743AE7F9209A
Public Lodging 12:*** 669D Ponte Vedra Blvd. Watson Realty Corp.	R16	Secondary	213	1 of 16	0	52.8	CND6500062	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=98A2E6BC6D28E0FC13996D3D64E88B5F

Public Lodging 13:*** 693-103 Ponte Vedra Blvd. Watson Realty Corp.	R16	Secondary	209	1 of 14	0	52.8	CND6500062	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=98A2E6BC6D28E0FC13996D3D64E88B5F
Public Lodging 14:*** 693-104 Ponte Vedra Blvd. Ocean Manor at Ponte Vedra II Vacation Rental Pros Property Management, LLC	R16	Secondary	209	1 of 14	0	52.8	CND6501683	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=B3E34BE003111921336F57D831495B61
Public Lodging 15:*** 695-104 Ponte Vedra Blvd. Ocean Manor at Ponte Vedra Vacation Rental Pros Property Management, LLC	R16	Secondary	209	1 of 14	0	52.8	CND6510683	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=B3E34BE003111921336F57D831495B61
Public Lodging 16:*** 695-106 Ponte Vedra Blvd. Ocean Manor Vacation Rental Pros Property Management, LLC	R16	Secondary	209	1 of 14	0	52.8	CND6501683	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=B3E34BE003111921336F57D831495B61
Public Lodging 17:*** 704 Spinnakers Reach Vacation Rental Pros Property Management, LLC	R22	Secondary	345	1 of 20	0	52.8	CND6501683	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=B3E34BE003111921336F57D831495B61
Public Lodging 18:*** 832 Spinnakers Reach Vacation Rental Pros Property Management, LLC	R22	Secondary	345	1 of 20	0	52.8	CND6501683	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=B3E34BE003111921336F57D831495B61
Public Lodging 19:*** 609 Summer Place Surf Villa Vacation Rental Pros Property Management, LLC	R22	Secondary	236	1 of 16	0	52.8	CND6501683	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=B3E34BE003111921336F57D831495B61
Public Lodging 20:*** 626 Summer Place Surf Villa Vacation Rental Pros Property Management, LLC	R22	Secondary	236	1 of 16	0	52.8	CND6501683	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=B3E34BE003111921336F57D831495B61
Public Lodging 21:*** 645 Summer Place DeKay Vacation Properties	R22	Secondary	303	1 of 12	0	52.8	CND6501744	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=74C6FD4FD6D3CF9E2D3595A43D4ACF80
Public Lodging 22:*** 652 Summer Place Vacation Rental Pros Property Management, LLC	R22	Secondary	303	1 of 12	0	52.8	CND6501683	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=B3E34BE003111921336F57D831495B61
Public Lodging 23:*** 653 Summer Place Vacation Rental Pros Property Management, LLC	R22	Secondary	303	1 of 12	0	52.8	CND6501683	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=B3E34BE003111921336F57D831495B61
Public Lodging 24:*** 665 Summer Place Vacation Rental Pros Property Management, LLC	R22	Secondary	303	1 of 12	0	52.8	CND6501683	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=B3E34BE003111921336F57D831495B61

Public Lodging 25:*** 671 Summer Place Vacation Rental Pros Property Management, LLC	R22	Secondary	303	1 of 12	0	52.8	CND6501683	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=B3E34BE003111921336F57D831495B61
Public Lodging 26:*** 711 Spinnakers Reach Ln. Lifestyles Property Services, LLC	R22	Secondary	320	1 of 10	0	320	CND6501739	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=B2076BB62F8BD37A67A2225D1033B113
PVB#15 Mickler's Landing	R33	Primary	12.5	248	5,280	5,292.5		
Fort Matanzas Ramp	R-194	Secondary	22.5	49	1320	1220		

*Bicycle parking
 **Street parking, SW corner
 of Corona and Ponte Vedra
 Blvd. (13 spaces)

*** Vacation Rental -
 condo, single unit, licensed
 for short term rental in
 complex. Complex does not
 have six or more rental units.

Total Eligible Shoreline Length	12,429.8
Total Eligible Shoreline Length excluding the ***	10,894.9

PA-04-FL-4283-PW-01061(0) <u>P</u>	
Applicant Name:	Application Title:
ST. JOHNS (COUNTY)	SCBAK40 - Emergency Berms
Period of Performance Start:	Period of Performance End:
10-08-2016	04-08-2017

Subgrant Application - Entire Application

Application Title: SCBAK40 - Emergency Berms

Application Number: PA-04-FL-4283-PW-01061(0)

Application Type: Subgrant Application (PW)

Preparer Information

Prefix	Mr.
First Name	ROBERT
Middle Initial	C
Last Name	GLASSEN
Title	Project Specialist
Agency/Organization Name	Federal Emergency Management Agency - Region IV
Address 1	2555 Shumard Oak
Address 2	
City	Tallahassee
State	FL
Zip	32302
Phone	000-000-0000
Email	laura.beagle@em.myflorida.com

Is the application preparer the Point of Contact? No

Point of Contact Information

Prefix	
First Name	Jesse
Middle Initial	
Last Name	Dunn
Title	Director OMB
Agency/Organization	St Johns County
Address 1	100 EOC Drive
Address 2	
City	St. Augustine
State	FL
ZIP	32092
Phone	904-209-0568
Fax	
Email	jdunn@sjcfl.us

Alternate Point of Contact Information

Prefix
 First Name Linda
 Middle Initial
 Last Name Stoughton
 Title Coordinator
 Agency/Organization St Johns County
 Address 1 100 EOC Drive
 Address 2
 City St. Augustine
 State FL
 ZIP 32092
 Phone 904-824-5550
 Fax 904-824-9920
 Email emgmgt@sjcfl.us

Project Description

Disaster Number: 4283
 Pre-Application Number: PA-04-FL-4283-RPA-0051
 Applicant ID: 109-99109-00
 Applicant Name: ST. JOHNS (COUNTY)
 Subdivision:
 Project Number: SCBAK40
 Standard Project Number/Title: 299 - Emergency Protective Measures
 Please Indicate the Project Type: Neither Alternate nor Improved
 Application Title: SCBAK40 - Emergency Berms
 Category: B.PROTECTIVE MEASURES
 Percentage Work Completed? 0.0 %
 As of Date: 04-04-2018

Comments

Attachments

Damage Facilities (Part 1 of 2)

Facility (Site) Number	Facility (Site) Name	Address	County	City	State	ZIP	Previously Damaged?	Action
1	Emergency Berms		St. Johns		FL		No	

Comments

04/08/20 - Email from Kim Schoffel, FDEM to Annie Ford, FEMA. Time Extension has been drafted and is pending GAR signature. -Annie Ford, FEMA Florida FIT

Attachments

User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
ROBERT GLASSEN	04-06-2018	Additional Information	Engineering Report		1 - Engineers Report on St Johns County CAT B.pdf(2.80 Mb)	View

ROBERT GLASSEN	04-06-2018	Map	Location Maps (Pre and Post Storm)		2 - Beach Reach Location Maps 1 through 9.pdf(2.77 Mb)	View
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Facility (Site) Name:	Emergency Berms
Address 1:	
Address 2:	
County:	St. Johns
City:	
State:	FL
ZIP:	
Damage Category:	
Was this facility (site) previously damaged?	No
Percentage Work Completed?	0.00 %
Location:	<p>PA-04-FL-4283-PW-01061(0): The project is located on the Atlantic coast intermittently between Florida Department of Environmental Protection (FDEP) Monuments R-1 and R-209.</p> <p>Northern End of Project at Monument R-1: 30.252931, -81.380869 Southern End of Project at Monument R-209: 29.672008, -81.214031</p> <p>As detailed in Attachment 1, Table 1, the length of the County from R-1 to R-209 can be separated into 13 beach reaches. However, this project excludes Reach 3 (Guana Tolomato Matanzas National Estuarine Research Reserve), Reach 8 (Anastasia State Park), Reach 9 (the federal St. Johns County Shore Protection Project) and Reach 12 (Ft. Matanzas National Monument). These sections are not the responsibility of the Applicant (St. Johns County).</p>
Damage Description and Dimensions:	<p>PA-04-FL-4283-PW-01061(0): During the declared incident period from October 3, 2016, to October 19, 2016, Hurricane Matthew caused storm surge and wave action that resulted in beach and dune erosion in St. Johns County, Florida. A major disaster, DR-4283-FL, was declared on October 8, 2016.</p> <p>Hurricane Matthew caused extensive erosion of the natural beach/dune system. Several substantial dune breaches resulted from the event, which led to widespread flooding in neighborhoods adjacent to the beach reaches that are the subject of this Project Worksheet.</p> <p>As stated in the Public Assistance Program and Policy Guide (FP-104-009-2, pp.78-79), if a natural... beach has eroded to a point where a 5-year flood could damage improved property, cost-effective emergency protective measures on the beach that protect against damage from that flood are eligible (44 CFR 206.225 (a)(3)).</p> <p>The two components for evaluation of potential future risk of a 5-year storm to improved property are: 1) Stillwater Elevation which is the summation of local astronomical tides and storm surge height estimated for a 5-year event; and 2) Wave Runup which is derived from computer modeling using wave data for a 5-year event.</p> <p>Stillwater level (SWL) estimates for a 5-year storm in St. Johns County are shown in Table A-1 of Attachment 1 and range from 4.2 to 4.4 FT (NAVD88). The methodology used to calculate potential wave runup ranges from a 5-year storm is detailed in Appendix A of Attachment 1 and ranges from 7.8 to 10.9 FT NAVD88. SWL plus runup for a 5-year storm was estimated to range from 12.2 to 15.1 FT</p>

(NAVD88) (See Attachment 1, Table A-1).

These estimated SWL plus runup values were compared to the post-Matthew dune elevations to determine the locations where the beach had eroded to a point where a 5-year flood could damage improved property.

The Applicant contracted with Constantine Engineering, Inc. the Engineer of Record (EOR) to analyze Pre-storm and Post-storm LiDAR Data that were obtained from the United States Army Corps of Engineers Joint Airborne LiDAR Bathymetry Technical Center of Expertise (USACE-JALBTCX). An analysis of the June (pre-Matthew) and Nov (post-Matthew) 2016 LiDAR profiles at each R-monument (approximately every 1,000 FT) was completed to determine the quantity of sand eligible for emergency berm replenishment using the following criteria:

Situation 1: Pre-Storm and Post-Storm Dune crests are above the SWL:

a. Where additional wave-run up (as shown in the modeling of a 5-Yr Storm) would exceed dune crest:

Q = 6 CY / LF or the sand necessary to restore the pre-storm profile, whichever is less.

b. Where additional wave-run up (as shown in modeling of a 5-Yr Storm) would not exceed the dune crest:

Q = 0 (No emergency sand berm is required to protect improved property from a 5-Yr storm.)

Situation 2: Pre-Storm Dune crest is above the SWL; Post-Storm Dune crest is below the SWL:

Q = the quantity of sand necessary to reach SWL + 6 CY/LF or the quantity of sand necessary to go back to pre-storm profile, whichever is less.

Situation 3: Pre-Storm Dune crest is below SWL

Q = 6 CY/LF or the quantity of sand necessary to restore the pre-storm profile, whichever is less.

The EOR applied these criteria to each of the profiles to estimate the quantity of sand eligible for emergency placement. These quantities are shown on a reach by reach basis in Appendix B of Attachment 1.

The quantities are as follows:

BEACH REACH #1 – PONTE VEDRA BEACH I:

R-1: 30.252931, -81.380869

R-23: 30.191904, -81.364144

Approximate Length = 22,822 LF

Replacement Sand = 78,358 CY (3.4 CY / LF)

Endangered Improved Property: Ponte Vedra Boulevard is located approximately 200 to 300 FT inland from the dune system and homes are often located less than 150 FT inland. (See attached: Location Map #1, Reach #1).

BEACH REACH #2 – PONTE VEDRA BEACH II:

R-23: 30.191904, -81.364144

R-46: 30.127754, -81.347772

Approximate Length = 24,106 LF

Replacement Sand = 101,338 CY (4.2 CY / LF)

Endangered Improved Property: Ponte Vedra Boulevard, located less than 600 FT inland the dune system, and homes located less than 200 FT inland. (See attached: Location Map #2, Reach #2).

BEACH REACH #4 – SOUTH PONTE VEDRA BEACH I:

R-67: 30.068446, -81.333530

R-84: 30.020140, -81.322449

Approximate Length = 17,921 LF

Replacement Sand = 95,477 CY (5.3 CY / LF)

Endangered Improved Property: Ponte Vedra Boulevard (SR A1A) is located less than 200 FT inland from the dune system and homes are often located less than 100 FT inland. (See attached: Location Map #4, Reach #4).

BEACH REACH #5 – SOUTH PONTE VEDRA BEACH II:

R-84: 30.020140, -81.322449

R-100: 29.976017, -81.311119

Approximate Length = 16,447 LF

Replacement Sand = 45,291 CY (2.8 CY / LF)

Endangered Improved Property: SR A1A is located approximately 200 FT inland from the dune system, and many homes are located less than 100 FT inland. (See attached: Location Map #5, Reach #5).

BEACH REACH #6 – SOUTH PONTE VEDRA BEACH III:

R-100: 29.976017, -81.311119

R-117: 29.929128, -81.296217

Approximate Length = 17,703 LF

Emergency Sand Placement = 43,973 CY (2.5 CY / LF)

Endangered Improved Property: In some locations, SR A1A is located less than 150 FT from the Mean High Water (MHW) elevation and some homes are located less than 100 FT from MHW. (See attached: Location Map #6, Reach #6).

BEACH REACH #7 – VILANO BEACH:

R-117: 29.929128, -81.296217

R-122: 29.915056, -81.289811

Approximate Length = 5,508 LF

Emergency Sand Placement = 14,780 CY (2.7 CY / LF)

Endangered Improved Property: In some locations SR A1A is located less than 200 FT inland from the dune system and some homes are located less than 200 FT inland from the dune system. (See attached: Location Map #7, Reach #7).

BEACH REACH #10 – BUTLER BEACH:

R-151: 29.832208, -81.264581

R-173: 29.771939, -81.253489

Approximate Length = 22,272 LF
 Emergency Sand Placement = 65,483 CY (2.9 CY / LF)

Endangered Improved Property: Some local roads are located less than 400 FT inland from the dune system and some homes are located less than 400 FT inland. (See attached: Location Map #10, Reach #10).

BEACH REACH #11 – CRESCENT BEACH:

R-173: 29.771939, -81.253489
 R-194: 29.717161, -81.230789
 Approximate Length = 20,811 LF
 Emergency Sand Placement = 95,416 CY (4.6 CY / LF)

Endangered Improved Property: In some locations, SR A1A is located less than 500 FT inland from the dune system, and homes are located less than 200 FT inland. (See attached: Location Map #11, Reach #11).

BEACH REACH #13 – SUMMER HAVEN BEACH:

R-197: 29.704106, -81.227547
 R-209: 29.672008, -81.214031
 Approximate Length = 7,976 LF (Not including the Summer Haven River Restoration Project)*
 Emergency Sand Placement = 45,280 CY (5.7 CY / LF)

*This reach includes the Summer Haven River Restoration Project. This section is not included in this Project Worksheet.

Endangered Improved Property: In some locations, Hwy A1A is located less than 200 FT from MHW and some homes are located less than 150 FT from MHW (See attached: Location Map #13, Reach #13).

NOTE: As shown in Attachment 1, Appendix B, this project does not propose to place sand in front of the revetment (R-198.4 to R-200) or the uninhabited (R-200 to R-202) area where there is no improved property in need of protection.

The total quantity of sand (all beach reaches) required for emergency placement = 585,396 CY (See Attachment 1, Table 6)

Scope of Work:

PA-04-FL-4283-PW-01061(0):
 WORK TO BE COMPLETED

The Applicant intends to use Contract Services to install CAT B Emergency Berms constructed of 585,396 CY of beach compatible sand. These CAT B Emergency Berms will be designed to help protect improved property from a 5-year event.

COST ESTIMATE:

All-Inclusive Unit Costs calculated for each Beach Reach, based on average of proximate upland sources were completed by the Engineer of Record and are shown in Attachment 1, Table 6.

This cost estimate is based upon an investigation of sand sources conducted by the EOR in early 2017. The investigation determined native beach sand

characteristics on a reach by reach basis countywide, and searched for upland sand mines within a 50-60 mile distance from the proposed placement locations to develop a list of mines (and specific sand products) which could provide beach quality sands for each reach.

For the upland sand mines, operators provided typical material costs – updated in Jul 2017 – for their products (competitive bidding may reduce these material costs). Transportation costs were based on recent (pre-investigation) bids and contracted prices for truck haul projects. Placement costs were estimated considering beach access points and haul distance along the beach. Finally, experience with previous projects was used to estimate costs for permitting, design, bidding, and construction administration.

The Applicant intends to follow its Standard Procurement Policy Procedure for bidding/awarding contracts to complete the work necessary to complete this Project (See Attachment 3, St Johns County Procurement Policy).

In summary the estimated costs (low estimate) are as follows:

Placement Volume* = 585,396 CY

Approximate Unit Sand Cost** (Low Average) = \$24 / CY

In-Place Sand Cost** = \$13,815,890

Design, Construction Administration / Monitoring, Etc.*** = \$2,763,178

Total Estimated Total Sand Placement Costs (Low) = \$16,579,068.

Pre-Construction Engineering Support**** = \$210,417.75

Total Contract Costs

FEMA Cost Code 9001 = \$16,579,068. + \$210,417.75 = \$16,789,485.75

Estimate Notes:

*Estimated using the criteria detailed in the above Damage Description

**Includes material, transportation and placement

***Includes engineering, bidding, permitting, construction administration and monitoring

****Includes engineering report preparation and support through 2/28/18 (see Attachment 4A).

ENVIRONMENTAL COMPLIANCE:

The planned Project will be constructed under the required FDEP and US Army Corps of Engineers Permits. The permits for Hurricane Matthew Emergency Work have not been obtained, but are budgeted within the Project Cost Estimates prepared by the EOR. The Applicant intends to obtain all necessary permits prior to initiation of this Project.

Sand sources for this CAT B Emergency Berm Project have not been finalized. The Applicant intends to solicit bids from contractors who will use beach-compatible sand from previously used, approved, commercial upland sources that include: JAXPORT (Buck Island DMMA Mine), Vulcan Materials Company (Keystone, Keuka and Grandin Mines), Edgar Minerals (Edgar Mine), and Big Horse Aggregates (Big Horse Mine). Locations of these inland sand mines are shown in Attachment 5, Truck Haul Sand Sources.

Sand quality including grain size distribution and color will be monitored during construction.

NOTE: As shown in Attachment 1, Appendix B, this project does not propose to place sand in front of the revetment (R-198.4 to R-200) or the uninhabited (R-200 to R-202) area where there is no improved property in need of protection.

DIRECT ADMINISTRATIVE COSTS (DAC):

The Applicant is requesting reimbursement for DAC as follows and has included Attachment 6, SJC DAC Report. However, the Applicant is not able to provide additional documentation (tasks completed / dates) at this time and will provide this information when DAC is invoiced.

DAC = DAC To Date (Attachment 6) + Estimated DAC (Attachment 4B*)

*Note that "Ardurra estimate for DAC for the next year would be \$125,000" in Attachment 4B is not included in DAC because it is budgeted under "Design, Construction Administration / Monitoring, Etc." above.

DAC = \$30,028.66 + \$20,000 = \$50,028.56

Total Project Cost = Contract Costs + DAC = \$16,789,485.75 + \$50,028.56*

Total Project Cost = \$16,839,514.31

*See DAC discussion above.

STANDARD COMMENTS

RECORD RETENTION: Complete records and cost documents for all approved work must be maintained for at least five years from the date of the Sub-recipient's Account Closeout. Project worksheets are subject to examination and audit by the State of Florida, and must reflect work related to disaster specific costs.

DIRECT ADMINISTRATIVE COSTS (ESTIMATED): Per FEMA Policy, Direct Administrative Costs (DAC) are eligible for Cost Reimbursement when an Applicant incurs administrative cost to track, charge and account toward a specific eligible project, which includes but is not limited to collecting, copying, filing or submitting documents to FEMA in support of its damage claim and/or damage assessment during a site visit. In this Project Worksheet, the Applicant estimated its DAC and submitted insufficient supporting documentation to detail the tasks it intends to accomplish. Therefore, FEMA Management authorizes attachment of an Applicant supplied 9901-Direct Administrative Costs Form to this Grant Application without placement of DAC as a line item 9901 cost code in the Project Cost Section.

HAZARD MITIGATION PROPOSAL: Hazard Mitigation under section 406 has been considered for this project and due to the type of work or project, effective mitigation is not feasible within the requirements of 44 CFR 206.226(c).

PROCUREMENT: The Applicant was advised by FEMA PAC and/or Project Specialist that in the seeking of proposals and letting of contracts for eligible work, the Applicant must comply with its Local, State and/or Federal procurement laws, regulations, and procedures as required by 2 CFR 317-326.

PERMITS: Federal Funding is contingent upon acquiring all necessary Federal, State and Local permits. Noncompliance with this requirement may jeopardize the receipt of federal funds. The applicant is responsible for obtaining all required permits prior to the commencement of work.

ENVIRONMENTAL AND HISTORIC PRESERVATION: Applicant must comply with all applicable environmental and historic preservation laws. Federal funding is contingent upon acquiring all necessary Federal, State and Local permits. Noncompliance with this requirement may jeopardize the receipt of federal funds.

CHANGES TO SCOPE OF WORK DESCRIBED IN THIS PW/SA (SUBGRANT APPLICATION): The applicant shall comply with all applicable codes and standards in the completion of eligible work to repair or replace damaged public facilities. Any change to the approved scope of work on a Project Worksheet (PW/SA) must be reported and approved before work begins. Failure to report changes may jeopardize Federal and State funding. In the case of a change in scope of work, the applicant shall notify the Florida Division of Emergency Management program representative prior to starting work.

INSURANCE REVIEW: The applicant is aware that all projects are subject to an insurance review as stated in 44 C.F.R. Sections 206.252 and 206.253. If applicable, an insurance determination will be made either as anticipated proceeds or actual proceeds in accordance with the applicant's insurance policy which may affect the total amount of the project. Approval of this project may result in an obtain /maintain insurance requirement. The Subgrantee must comply with insurance reviewer terms and conditions upon receipt of sub-grant from the State.

COST BASIS FOR LABOR, EQUIPMENT AND MATERIALS: Costs used to formulate this project were based on Unit Costs provided by Applicant, Actual or Recent Costs and Local material cost.

AUDIT STATEMENT: All documentation related to this project worksheet is subject to audit and must reflect disaster "C" related work and project "C" specific cost. The applicant has been advised of responsibility to maintain supporting documentation (records). The type of records to be maintained is specified in FEMA policy 2 CFR Subpart F, Audit Requirements. Records must be maintained for three 3 years from the date the last project was completed or from the date final payment was received, whichever is later.

75% FEDERAL FUNDING: In accordance with 44 CFR 206.47(a) and current disaster declaration determinations, this project worksheet will be funded with the Federal Cost share at 75% of all eligible costs.

By accepting this grant the Applicant to the best of their ability acknowledges that all damages described within this Sub-grant Application and all associated costs being claimed were a direct result of the declared event, and in connection with the incident period for DR-4283 with the exception of requests for alternate or improved projects.

-- **LARGE PROJECT ADJUSTMENT, ANY CATEGORY:** When Subgrant Applications for Assistance (Project Worksheets) are written as Large Projects (\$121,800.00 or greater) not participating in the SRIA Alternative Procedures Pilot Program for Permanent Work – fixed estimated cost, an adjustment must be made during the closeout process in order to match the actual eligible dollars spent. This will require a Change (Version) to be submitted in EMMIE to capture the over-run/under-run.

Hazard Mitigation Proposal

* Is effective mitigation feasible on this facility (site)?

No

If you answered **Yes** to the above question, the next question is required

Will mitigation be performed on this facility (site)?

If you answered **Yes** to the above question, the next question is required

Do you wish to attach a Hazard Mitigation Proposal?	
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If you answered **Yes** to the above question, the next two questions are required

Please provide the Scope of Work for the estimate: (maximum 4000 characters)	
Would you like to add the Hazard Mitigation Proposal as a cost line item to the project cost?	

GIS Coordinates

Project Location	Latitude	Longitude
Northern End of Project at R-1	30.252931	-81.380869
Southern End of Project at R-209	29.672008	-81.214031

Special Considerations

1. Does the damaged facility or item of work have insurance coverage and/or is it an insurable risk (e.g., buildings, equipment, vehicles, etc)? No
2. Is the damaged facility located within a floodplain or coastal high hazard area and/or does it have an impact on a floodplain or wetland? Yes
3. Is the damaged facility or item of work located within or adjacent to a Coastal Barrier Resource System Unit or an Otherwise Protected Area? No
4. Will the proposed facility repairs/reconstruction change the pre-disaster conditions (e.g., footprint, material, location, capacity, use of function)? No
5. Does the applicant have a hazard mitigation proposal or would the applicant like technical assistance for a hazard mitigation proposal? No
6. Is the damaged facility on the National Register of Historic Places or the state historic listing? Is it older than 50 years? Are there more, similar buildings near the site? No
7. Are there any pristine or undisturbed areas on, or near, the project site? Are there large tracts of forestland? No
8. Are there any hazardous materials at or adjacent to the damaged facility and/or item of work? No
9. Are there any other environmental or controversial issues associated with the damaged facility and/or item of work? No

Attachments						
User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
ROBERT GLASSEN	04-09-2018	Environmental/Historic Document	Potential Sand Sources		5 - Truck Haul Sand Sources.pdf(1.57 Mb)	View

Mitigation section is not applicable for your project category.

Cost Estimate

Is this Project Worksheet for	
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(Preferred) Repair									
Sequence	Code	Material and/or Description	Unit Quantity	Unit of Measure	Unit Price	Subgrant Budget Class	Type	Cost Estimate	Action
*** Version 0 ***									
Work To Be Completed									
1	9001	Contract	1	LS	\$ 16,789,485.75	CONSTRUCTION	Work To Be Completed	\$ 16,789,485.75	
Direct Subgrantee Admin Cost									

2	9901	Direct Administrative Costs (Subgrantee)	1	LS	\$ 50,028.56	INDIRECT CHARGES	Direct Subgrantee Admin Cost	\$ 50,028.56
Total Cost : \$ 16,839,514.31								

Insurance Adjustments (Deductibles, Proceeds and Settlements) - 5900/5901									
Sequence	Code	Material and/or Description	Unit Quantity	Unit of Measure	Unit Price	Subgrant Budget Class	Type	Cost Estimate	Action
Total Cost : \$ 0.00									

Total Cost Estimate: (Preferred Estimate Type + Insurance Adjustments)	\$ 16,839,514.31
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Comments

Attachments

User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
ROBERT GLASSEN	04-09-2018	Additional Information	County Purchasing Procedures		3 - PurchasingManual.pdf(1.32 Mb)	View
ROBERT GLASSEN	04-09-2018	Calculation Sheet	Direct Administrative Costs		6 - SJC DAC report v2.xlsx(20.20 kb)	View
ROBERT GLASSEN	04-16-2018	Additional Information	Pre-Construction Engineering		4A - Engineering Support_\$210,417.75 R.PDF(338.35 kb)	View
ROBERT GLASSEN	04-16-2018	Additional Information	Estimated DAC		4B - SJC Beach project Estimated DAC.pdf(37.38 kb)	View

Existing Insurance Information

Insurance Type	Policy No.	Bldg/Property Amount	Content Amount	Insurance Amount	Deductible Amount	Years Required	Facility (Site) No.
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Comments

Attachments

User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
ALEXANDRA KIENKER	12-27-2017	Insurance Document	Flood Insurance Study		St John FIS Study Year 2011 12109CV000C 42517.pdf(7.31 Mb)	View

Comments and Attachments

Name of Section	Comment	Attachment
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Comments and Attachments

- Damage Facilities 04/08/20 - Email from Kim Schoffel, FDEM to Annie Ford, FEMA. Time Extension has been drafted and is pending GAR signature. - Annie Ford, FEMA Florida FIT

[1 - Engineers Report on St Johns County CAT B.pdf](#) (04-06-2018)

[2 - Beach Reach Location Maps 1 through 9.pdf](#) (04-06-2018)
- Special Considerations

[5 - Truck Haul Sand Sources.pdf](#) (04-09-2018)

[3 - PurchasingManual.pdf](#) (04-09-2018)

[6 - SJC DAC report v2.xlsx](#) (04-09-2018)
- Cost Estimate

[4A - Engineering Support \\$210,417.75 R.PDF](#) (04-16-2018)

[4B - SJC Beach project Estimated DAC.pdf](#) (04-16-2018)
- Insurance Information

[St John FIS Study Year 2011 12109CV000C 42517.pdf](#) (12-27-2017)

Bundle Reference # (Amendment #)	Date Awarded
PA-04-FL-4283-PW-01061(1144)	04-07-2020

Subgrant Application - FEMA Form 90-91

Note: The Effective Cost Share for this application is 75%

FEDERAL EMERGENCY MANAGEMENT AGENCY PROJECT WORKSHEET					
DISASTER	PROJECT NO.	PA ID NO.	DATE	CATEGORY	
FEMA 4283 - DR -FL	SCBAK40	109-99109-00	04-18-2018	B	
APPLICANT: ST. JOHNS (COUNTY)			WORK COMPLETE AS OF: 04-04-2018 : 0 %		
Site 1 of 1					
DAMAGED FACILITY: Emergency Berms			COUNTY: St. Johns		
LOCATION: PA-04-FL-4283-PW-01061(0); The project is located on the Atlantic coast intermittently between Florida Department of Environmental Protection (FDEP) Monuments R-1 and R-209. Northern End of Project at Monument R-1: 30.252931, -81.380869 Southern End of Project at Monument R-209: 29.672008, -81.214031 As detailed in Attachment 1, Table 1, the length of the County from R-1 to R-209 can be separated into 13 beach reaches. However, this project excludes Reach 3 (Guana Tolomato Matanzas National Estuarine Research Reserve), Reach 8 (Anastasia State Park), Reach 9 (the federal St. Johns County Shore Protection Project) and Reach 12 (Ft. Matanzas National Monument). These sections are not the responsibility of the Applicant (St. Johns County).			LATITUDE: 29.672008 30.252931	LONGITUDE: -81.214031 -81.380869	

Current Version:

DAMAGE DESCRIPTION AND DIMENSIONS:

PA-04-FL-4283-PW-01061(0):

During the declared incident period from October 3, 2016, to October 19, 2016, Hurricane Matthew caused storm surge and wave action that resulted in beach and dune erosion in St. Johns County, Florida. A major disaster, DR-4283-FL, was declared on October 8, 2016.

Hurricane Matthew caused extensive erosion of the natural beach/dune system. Several substantial dune breaches resulted from the event, which led to widespread flooding in neighborhoods adjacent to the beach reaches that are the subject of this Project Worksheet.

As stated in the Public Assistance Program and Policy Guide (FP-104-009-2, pp.78-79), if a natural... beach has eroded to a point where a 5-year flood could damage improved property, cost-effective emergency protective measures on the beach that protect against damage from that flood are eligible (44 CFR 206.225 (a)(3)).

The two components for evaluation of potential future risk of a 5-year storm to improved property are: 1) Stillwater Elevation which is the summation of local astronomical tides and storm surge height estimated for a 5-year event; and 2) Wave Runup which is derived from computer modeling using wave data for a 5-year event.

Stillwater level (SWL) estimates for a 5-year storm in St. Johns County are shown in Table A-1 of Attachment 1 and range from 4.2 to 4.4 FT (NAVD88). The methodology used to calculate potential wave runup ranges from a 5-year storm is detailed in Appendix A of Attachment 1 and ranges from 7.8 to 10.9 FT NAVD88. SWL plus runup for a 5-year storm was estimated to range from 12.2 to 15.1 FT (NAVD88) (See Attachment 1, Table A-1).

These estimated SWL plus runup values were compared to the post-Matthew dune elevations to determine the locations where the beach had eroded to a point where a 5-year flood could damage improved property.

The Applicant contracted with Constantine Engineering, Inc. the Engineer of Record (EOR) to analyze Pre-storm and Post-storm LiDAR Data that were obtained from the United States Army Corps of Engineers Joint Airborne LiDAR Bathymetry Technical Center of Expertise (USACE-JALBTCX). An analysis of the June (pre-Matthew) and Nov (post-Matthew) 2016 LiDAR profiles at each R-monument (approximately every 1,000 FT) was completed to determine the quantity of sand eligible for emergency berm replenishment using the following criteria:

Situation 1: Pre-Storm and Post-Storm Dune crests are above the SWL:

a. Where additional wave-run up (as shown in the modeling of a 5-Yr Storm) would exceed dune crest:

$Q = 6 \text{ CY} / \text{LF}$ or the sand necessary to restore the pre-storm profile, whichever is less.

b. Where additional wave-run up (as shown in modeling of a 5-Yr Storm) would not exceed the dune crest:

$Q = 0$ (No emergency sand berm is required to protect improved property from a 5-Yr storm.)

Situation 2: Pre-Storm Dune crest is above the SWL; Post-Storm Dune crest is below the SWL:

$Q =$ the quantity of sand necessary to reach SWL + 6 CY/LF or the quantity of sand necessary to go back to pre-storm profile, whichever is less.

Situation 3: Pre-Storm Dune crest is below SWL

$Q = 6 \text{ CY/LF}$ or the quantity of sand necessary to restore the pre-storm profile, whichever is less.

The EOR applied these criteria to each of the profiles to estimate the quantity of sand eligible for emergency placement. These quantities are shown on a reach by reach basis in Appendix B of Attachment 1.

The quantities are as follows:

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R-1: 30.252931, -81.380869

R-23: 30.191904, -81.364144

Approximate Length = 22,822 LF

Replacement Sand = 78,358 CY (3.4 CY / LF)

Endangered Improved Property: Ponte Vedra Boulevard is located approximately 200 to 300 FT inland from the dune system and homes are often located less than 150 FT inland. (See attached: Location Map #1, Reach #1).

BEACH REACH #2 – PONTE VEDRA BEACH II:

R-23: 30.191904, -81.364144

R-46: 30.127754, -81.347772

Approximate Length = 24,106 LF

Replacement Sand = 101,338 CY (4.2 CY / LF)

Endangered Improved Property: Ponte Vedra Boulevard, located less than 600 FT inland the dune system, and homes located less than 200 FT inland. (See attached: Location Map #2, Reach #2).

BEACH REACH #4 – SOUTH PONTE VEDRA BEACH I:

R-67: 30.068446, -81.333530
R-84: 30.020140, -81.322449
Approximate Length = 17,921 LF
Replacement Sand = 95,477 CY (5.3 CY / LF)

Endangered Improved Property: Ponte Vedra Boulevard (SR A1A) is located less than 200 FT inland from the dune system and homes are often located less than 100 FT inland. (See attached: Location Map #4, Reach #4).

BEACH REACH #5 – SOUTH PONTE VEDRA BEACH II:

R-84: 30.020140, -81.322449
R-100: 29.976017, -81.311119
Approximate Length = 16,447 LF
Replacement Sand = 45,291 CY (2.8 CY / LF)

Endangered Improved Property: SR A1A is located approximately 200 FT inland from the dune system, and many homes are located less than 100 FT inland. (See attached: Location Map #5, Reach #5).

BEACH REACH #6 – SOUTH PONTE VEDRA BEACH III:

R-100: 29.976017, -81.311119
R-117: 29.929128, -81.296217
Approximate Length = 17,703 LF
Emergency Sand Placement = 43,973 CY (2.5 CY / LF)

Endangered Improved Property: In some locations, SR A1A is located less than 150 FT from the Mean High Water (MHW) elevation and some homes are located less than 100 FT from MHW. (See attached: Location Map #6, Reach #6).

BEACH REACH #7 – VILANO BEACH:

R-117: 29.929128, -81.296217
R-122: 29.915056, -81.289811
Approximate Length = 5,508 LF
Emergency Sand Placement = 14,780 CY (2.7 CY / LF)

Endangered Improved Property: In some locations SR A1A is located less than 200 FT inland from the dune system and some homes are located less than 200 FT inland from the dune system. (See attached: Location Map #7, Reach #7).

BEACH REACH #10 – BUTLER BEACH:

R-151: 29.832208, -81.264581
R-173: 29.771939, -81.253489
Approximate Length = 22,272 LF
Emergency Sand Placement = 65,483 CY (2.9 CY / LF)

Endangered Improved Property: Some local roads are located less than 400 FT inland from the dune system and some homes are located less than 400 FT inland. (See attached: Location Map #10, Reach #10).

BEACH REACH #11 – CRESCENT BEACH:

R-173: 29.771939, -81.253489
R-194: 29.717161, -81.230789
Approximate Length = 20,811 LF
Emergency Sand Placement = 95,416 CY (4.6 CY / LF)

Endangered Improved Property: In some locations, SR A1A is located less than 500 FT inland from the dune system, and homes are located less than 200 FT inland. (See attached: Location Map #11, Reach #11).

BEACH REACH #13 – SUMMER HAVEN BEACH:

R-197: 29.704106, -81.227547
R-209: 29.672008, -81.214031
Approximate Length = 7,976 LF (Not including the Summer Haven River Restoration Project)*
Emergency Sand Placement = 45,280 CY (5.7 CY / LF)

*This reach includes the Summer Haven River Restoration Project. This section is not included in this Project Worksheet.

Endangered Improved Property: In some locations, Hwy A1A is located less than 200 FT from MHW and some homes are located less than 150 FT from

MHW (See attached: Location Map #13, Reach #13).

NOTE: As shown in Attachment 1, Appendix B, this project does not propose to place sand in front of the revetment (R-198.4 to R-200) or the uninhabited (R-200 to R-202) area where there is no improved property in need of protection.

The total quantity of sand (all beach reaches) required for emergency placement = 585,396 CY (See Attachment 1, Table 6)

Current Version:

SCOPE OF WORK:

PA-04-FL-4283-PW-01061(0):
WORK TO BE COMPLETED

The Applicant intends to use Contract Services to install CAT B Emergency Berms constructed of 585,396 CY of beach compatible sand. These CAT B Emergency Berms will be designed to help protect improved property from a 5-year event.

COST ESTIMATE:

All-Inclusive Unit Costs calculated for each Beach Reach, based on average of proximate upland sources were completed by the Engineer of Record and are shown in Attachment 1, Table 6.

This cost estimate is based upon an investigation of sand sources conducted by the EOR in early 2017. The investigation determined native beach sand characteristics on a reach by reach basis countywide, and searched for upland sand mines within a 50-60 mile distance from the proposed placement locations to develop a list of mines (and specific sand products) which could provide beach quality sands for each reach.

For the upland sand mines, operators provided typical material costs – updated in Jul 2017 – for their products (competitive bidding may reduce these material costs). Transportation costs were based on recent (pre-investigation) bids and contracted prices for truck haul projects. Placement costs were estimated considering beach access points and haul distance along the beach. Finally, experience with previous projects was used to estimate costs for permitting, design, bidding, and construction administration.

The Applicant intends to follow its Standard Procurement Policy Procedure for bidding/awarding contracts to complete the work necessary to complete this Project (See Attachment 3, St Johns County Procurement Policy).

In summary the estimated costs (low estimate) are as follows:

Placement Volume* = 585,396 CY

Approximate Unit Sand Cost** (Low Average) = \$24 / CY

In-Place Sand Cost** = \$13,815,890

Design, Construction Administration / Monitoring, Etc.*** = \$2,763,178

Total Estimated Total Sand Placement Costs (Low) = \$16,579,068.

Pre-Construction Engineering Support**** = \$210,417.75

Total Contract Costs

FEMA Cost Code 9001 = \$16,579,068. + \$210,417.75 = \$16,789,485.75

Estimate Notes:

*Estimated using the criteria detailed in the above Damage Description

**Includes material, transportation and placement

***Includes engineering, bidding, permitting, construction administration and monitoring

****Includes engineering report preparation and support through 2/28/18 (see Attachment 4A).

ENVIRONMENTAL COMPLIANCE:

The planned Project will be constructed under the required FDEP and US Army Corps of Engineers Permits. The permits for Hurricane Matthew Emergency Work have not been obtained, but are budgeted within the Project Cost Estimates prepared by the EOR. The Applicant intends to obtain all necessary permits prior to initiation of this Project.

Sand sources for this CAT B Emergency Berm Project have not been finalized. The Applicant intends to solicit bids from contractors who will use beach-compatible sand from previously used, approved, commercial upland sources that include: JAXPORT (Buck Island DMMA Mine), Vulcan Materials Company (Keystone, Keuka and Grandin Mines), Edgar Minerals (Edgar Mine), and Big Horse Aggregates (Big Horse Mine). Locations of these inland sand mines are shown in Attachment 5, Truck Haul Sand Sources.

Sand quality including grain size distribution and color will be monitored during construction.

NOTE: As shown in Attachment 1, Appendix B, this project does not propose to place sand in front of the revetment (R-198.4 to R-200) or the uninhabited (R-200 to R-202) area where there is no improved property in need of protection.

DIRECT ADMINISTRATIVE COSTS (DAC):

The Applicant is requesting reimbursement for DAC as follows and has included Attachment 6, SJC DAC Report. However, the Applicant is not able to provide additional documentation (tasks completed / dates) at this time and will provide this information when DAC is invoiced.

DAC = DAC To Date (Attachment 6) + Estimated DAC (Attachment 4B*)

*Note that "Ardurra estimate for DAC for the next year would be \$125,000" in Attachment 4B is not included in DAC because it is budgeted under "Design, Construction Administration / Monitoring, Etc." above.

DAC = \$30,028.66 + \$20,000 = \$50,028.56

Total Project Cost = Contract Costs + DAC = \$16,789,485.75 + \$50,028.56*

Total Project Cost = \$16,839,514.31

*See DAC discussion above.

STANDARD COMMENTS

RECORD RETENTION: Complete records and cost documents for all approved work must be maintained for at least five years from the date of the Subrecipient's Account Closeout. Project worksheets are subject to examination and audit by the State of Florida, and must reflect work related to disaster specific costs.

DIRECT ADMINISTRATIVE COSTS (ESTIMATED): Per FEMA Policy, Direct Administrative Costs (DAC) are eligible for Cost Reimbursement when an Applicant incurs administrative cost to track, charge and account toward a specific eligible project, which includes but is not limited to collecting, copying, filing or submitting documents to FEMA in support of its damage claim and/or damage assessment during a site visit. In this Project Worksheet, the Applicant estimated its DAC and submitted insufficient supporting documentation to detail the tasks it intends to accomplish. Therefore, FEMA Management authorizes attachment of an Applicant supplied 9901-Direct Administrative Costs Form to this Grant Application without placement of DAC as a line item 9901 cost code in the Project Cost Section.

HAZARD MITIGATION PROPOSAL: Hazard Mitigation under section 406 has been considered for this project and due to the type of work or project, effective mitigation is not feasible within the requirements of 44 CFR 206.226(c).

PROCUREMENT: The Applicant was advised by FEMA PAC and/or Project Specialist that in the seeking of proposals and letting of contracts for eligible work, the Applicant must comply with its Local, State and/or Federal procurement laws, regulations, and procedures as required by 2 CFR 317-326.

PERMITS: Federal Funding is contingent upon acquiring all necessary Federal, State and Local permits. Noncompliance with this requirement may jeopardize the receipt of federal funds. The applicant is responsible for obtaining all required permits prior to the commencement of work.

ENVIRONMENTAL AND HISTORIC PRESERVATION: Applicant must comply with all applicable environmental and historic preservation laws. Federal funding is contingent upon acquiring all necessary Federal, State and Local permits. Noncompliance with this requirement may jeopardize the receipt of federal funds.

CHANGES TO SCOPE OF WORK DESCRIBED IN THIS PW/SA (SUBGRANT APPLICATION): The applicant shall comply with all applicable codes and standards in the completion of eligible work to repair or replace damaged public facilities. Any change to the approved scope of work on a Project Worksheet (PW/SA) must be reported and approved before work begins. Failure to report changes may jeopardize Federal and State funding. In the case of a change in scope of work, the applicant shall notify the Florida Division of Emergency Management program representative prior to starting work.

INSURANCE REVIEW: The applicant is aware that all projects are subject to an insurance review as stated in 44 C.F.R. Sections 206.252 and 206.253. If applicable, an insurance determination will be made either as anticipated proceeds or actual proceeds in accordance with the applicant's insurance policy which may affect the total amount of the project. Approval of this project may result in an obtain /maintain insurance requirement. The Subgrantee must comply with insurance reviewer terms and conditions upon receipt of sub-grant from the State.

COST BASIS FOR LABOR, EQUIPMENT AND MATERIALS: Costs used to formulate this project were based on Unit Costs provided by Applicant, Actual or Recent Costs and Local material cost.

AUDIT STATEMENT: All documentation related to this project worksheet is subject to audit and must reflect disaster "C" related work and project "C" specific cost. The applicant has been advised of responsibility to maintain supporting documentation (records). The type of records to be maintained is specified in FEMA policy 2 CFR Subpart F, Audit Requirements. Records must be maintained for three 3 years from the date the last project was completed or from the date final payment was received, whichever is later.

75% FEDERAL FUNDING: In accordance with 44 CFR 206.47(a) and current disaster declaration determinations, this project worksheet will be funded with the Federal Cost share at 75% of all eligible costs.

By accepting this grant the Applicant to the best of their ability acknowledges that all damages described within this Sub-grant Application and all associated costs being claimed were a direct result of the declared event, and in connection with the incident period for DR-4283 with the exception of requests for alternate or improved projects.

-- LARGE PROJECT ADJUSTMENT, ANY CATEGORY: When Subgrant Applications for Assistance (Project Worksheets) are written as Large Projects (\$121,800.00 or greater) not participating in the SRIA Alternative Procedures Pilot Program for Permanent Work – fixed estimated cost, an adjustment must

be made during the closeout process in order to match the actual eligible dollars spent. This will require a Change (Version) to be submitted in EMMIE to capture the over-run/under-run.

Current Version:

Does the Scope of Work change the pre-disaster conditions at the site?

Yes No

Special Considerations included? Yes No

Hazard Mitigation proposal included? Yes No

Is there insurance coverage on this facility? Yes No

PROJECT COST

ITEM	CODE	NARRATIVE	QUANTITY/UNIT	UNIT PRICE	COST
		*** Version 0 ***			
		Work To Be Completed			
1	9001	Contract	1/LS	\$ 16,789,485.75	\$ 16,789,485.75
		Direct Subgrantee Admin Cost			
2	9901	Direct Administrative Costs (Subgrantee)	1/LS	\$ 50,028.56	\$ 50,028.56
				TOTAL COST	\$ 16,839,514.31
PREPARED BY ROBERT C GLASSEN		TITLE Project Specialist	SIGNATURE		
APPLICANT REP. Jesse Dunn		TITLE Director OMB	SIGNATURE		

ST. JOHNS (COUNTY) : PA-04-FL-4283-PW-01061

Conditions Information

Review Name	Condition Type	Condition Name	Description	Monitored	Status
Final Review	Other (EHP)	Standard Condition #2	This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.	No	Approved
Final Review	Other (EHP)	Standard Condition #1	Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.	No	Approved
Final Review	Other (EHP)	National Historic Preservation Act (NHPA)	NHPA CONDITION: Any changes to the approved scope of work will require submission to, evaluation, and approval by the State of Florida and FEMA prior to initiation of any work, for compliance with Section 106 of the NHPA.	No	Approved
Final Review	Other (EHP)	National Historic Preservation Act (NHPA)	NHPA CONDITION: Prior to conducting repairs, applicant must identify the source and location of fill material and provide this information to FDEM and FEMA. If the borrow pit is privately owned, or is located on previously undisturbed land, or if the fill is obtained by the horizontal expansion of a pre-existing borrow pit, FEMA consultation with the State Historic Preservation Officer will be required. Failure to comply with this condition may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Approved

ST. JOHNS (COUNTY) : PA-04-FL-4283-PW-01061**Conditions Information**

Final Review	Other (EHP)	Standard Condition #3	If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.	No	Approved
Final Review	Other (EHP)	National Historic Preservation Act (NHPA)	NHPA CONDITION: If human remains or intact archaeological deposits are uncovered, work in the vicinity of the discovery will stop immediately and all reasonable measures to avoid or minimize harm to the finds will be taken. The applicant will assure that archaeological discoveries are secured in place, that access to the sensitive area is restricted, and that all reasonable measures are taken to avoid further disturbance of the discoveries. The applicant's contractor will provide immediate notice of such discoveries to the applicant. The applicant will contact the Florida Division of Historical Resources and FEMA within 24 hours of the discovery. Work in the vicinity of the discovery may not resume until FEMA has completed consultation with the State Historic Preservation Office, tribes, and other consulting parties as necessary. If unmarked human remains are encountered during permitted activities, all work will stop immediately, and the proper authorities will be notified in accordance with Florida Statutes, Section 872.05.	No	Approved
Final Review	Other (EHP)	Coastal Zone Management Act (CZMA)	CZMA CONDITION: The subgrantee is responsible for coordinating with and obtaining any required permit(s) from FDEP Bureau of Beaches and Coastal Systems. Subgrantee must obtain a Joint Coastal Permit (JCP) permit prior to initiating work or verification that no permit was required. The subgrantee shall comply with all conditions of the required permit. All coordination pertaining to these activities should be documented and compliance maintained in their permanent files. Best Management Practices (BMP's) should be followed. Failure to comply with these conditions may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Approved

ST. JOHNS (COUNTY) : PA-04-FL-4283-PW-01061**Conditions Information**

Final Review	Other (EHP)	Clean Water Act (CWA)	CWA CONDITION: The subgrantee is responsible for coordinating with and obtaining any required Section 404 permit(s) from the United States Army Corps of Engineers (USACE) and 401 permit(s) from the responsible state or tribal agency prior to initiating work. The subgrantee shall comply with all conditions and pre-construction notification requirements of the required permit(s), including any applicable regional conditions. All coordination pertaining to these activities or compliance with applicable permits must be documented and maintained in the subgrantee's permanent files. Copies must be forwarded to the Recipient (state or tribal EMA) and FEMA as part of the permanent project file. Failure to comply with this requirement may jeopardize receipt of federal funds.	No	Approved
Final Review	Other (EHP)	National Historic Preservation Act (NHPA)	NHPA CONDITION: Construction vehicles and equipment will be stored onsite during the project or at existing access points within the applicant's right-of-way.	No	Approved
EHP Review	Other (EHP)	Standard Condition #3	If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.	No	Recommended
EHP Review	Other (EHP)	Standard Condition #2	This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.	No	Recommended
EHP Review	Other (EHP)	Standard Condition #1	Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.	No	Recommended
EHP Review	Other (EHP)	National Historic Preservation Act (NHPA)	NHPA CONDITION: Any changes to the approved scope of work will require submission to, evaluation, and approval by the State of Florida and FEMA prior to initiation of any work, for compliance with Section 106 of the NHPA.	No	Recommended
EHP Review	Other (EHP)	National Historic Preservation Act (NHPA)	NHPA CONDITION: Prior to conducting repairs, applicant must identify the source and location of fill material and provide this information to FDEM and FEMA. If the borrow pit is privately owned, or is located on previously undisturbed land, or if the fill is obtained by the horizontal expansion of a pre-existing borrow pit, FEMA consultation with the State Historic Preservation Officer will be required. Failure to comply with this condition may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Recommended

ST. JOHNS (COUNTY) : PA-04-FL-4283-PW-01061**Conditions Information**

EHP Review	Other (EHP)	National Historic Preservation Act (NHPA)	NHPA CONDITION: Construction vehicles and equipment will be stored onsite during the project or at existing access points within the applicant's right-of-way.	No	Recommended
EHP Review	Other (EHP)	National Historic Preservation Act (NHPA)	NHPA CONDITION: If human remains or intact archaeological deposits are uncovered, work in the vicinity of the discovery will stop immediately and all reasonable measures to avoid or minimize harm to the finds will be taken. The applicant will assure that archaeological discoveries are secured in place, that access to the sensitive area is restricted, and that all reasonable measures are taken to avoid further disturbance of the discoveries. The applicant's contractor will provide immediate notice of such discoveries to the applicant. The applicant will contact the Florida Division of Historical Resources and FEMA within 24 hours of the discovery. Work in the vicinity of the discovery may not resume until FEMA has completed consultation with the State Historic Preservation Office, tribes, and other consulting parties as necessary. If unmarked human remains are encountered during permitted activities, all work will stop immediately, and the proper authorities will be notified in accordance with Florida Statutes, Section 872.05.	No	Recommended
EHP Review	Other (EHP)	Clean Water Act (CWA)	CWA CONDITION: The subgrantee is responsible for coordinating with and obtaining any required Section 404 permit(s) from the United States Army Corps of Engineers (USACE) and 401 permit(s) from the responsible state or tribal agency prior to initiating work. The subgrantee shall comply with all conditions and pre-construction notification requirements of the required permit(s), including any applicable regional conditions. All coordination pertaining to these activities or compliance with applicable permits must be documented and maintained in the subgrantee's permanent files. Copies must be forwarded to the Recipient (state or tribal EMA) and FEMA as part of the permanent project file. Failure to comply with this requirement may jeopardize receipt of federal funds.	No	Recommended

ST. JOHNS (COUNTY) : PA-04-FL-4283-PW-01061**Conditions Information**

EHP Review	Other (EHP)	Coastal Zone Management Act (CZMA)	CZMA CONDITION: The subgrantee is responsible for coordinating with and obtaining any required permit(s) from FDEP Bureau of Beaches and Coastal Systems. Subgrantee must obtain a Joint Coastal Permit (JCP) permit prior to initiating work or verification that no permit was required. The subgrantee shall comply with all conditions of the required permit. All coordination pertaining to these activities should be documented and compliance maintained in their permanent files. Best Management Practices (BMPs) should be followed. Failure to comply with these conditions may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Recommended
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Internal Comments

No.	Queue	User	Date/Time	Reviewer Comments
13	Award Review	QUARLES TERRY	04-07-2020 06:58 PM GMT	SF-424 has been submitted
12	OLA Review	SYSTEM	04-03-2020 01:05 AM GMT	DHS Section 507 embargo until April 3, 2020.
11	OLA Review	BROMLEY- WENGER STACY	04-01-2020 01:18 PM GMT	DHS Section 507 embargo until April 3, 2020.
10	OLA Review	BROMLEY- WENGER STACY	03-30-2020 05:46 PM GMT	Public Assistance Division (HQ) has reviewed and approved the following Subgrant Application.
9	OLA Review	BROMLEY- WENGER STACY	03-30-2020 05:45 PM GMT	Public Assistance Division (HQ) has reviewed and approved the following Subgrant Application.
8	OLA Review	KIMBALL ROBERT	03-30-2020 03:36 PM GMT	Public Assistance Division (HQ) has reviewed and approved the following Subgrant Application.
7	Grantee Review	GIPSON DARRYN	12-13-2019 02:44 PM GMT	12/13/2019 Dgipson- APPROVED- Grantee deems application eligible

Internal Comments

No.	Queue	User	Date/Time	Reviewer Comments
6	EHP Review	HYATT LARISSA	11-08-2019 05:10 PM GMT	<p>SOW: St. Johns (County), (county-wide), Category B, 0% Complete, Total Cost: \$16,839,514.31, Applicant will install emergency beach berms along a total of nine (9) beach reaches, spanning approximately 30.6 miles within a 41.5-mile stretch of coastline, by placing approximately 585,396 CY of beach-compatible sand from upland sources between FDEP reference monuments R-1 (30.252931, -81.380869) on the north end and R-209 (29.672008, -81.214031) on the south end. The Applicant intends to complete the sand replacement in conjunction with sand loss from DR-4337-FL, Hurricane Irma. - acalhou2 - 11/08/2019 16:39:44 GMT</p> <p>CBRA: Per consultation with USFWS conducted on 01/04/2019. USFWS concurrence with this determination was received, dated 02/04/2019. See attached correspondence. - acalhou2 - 11/08/2019 16:50:11 GMT</p> <p>CWA: SEE CONDITIONS. - acalhou2 - 11/08/2019 16:51:13 GMT</p> <p>CZMA: Consistency review by Florida Clearinghouse completed on September 6, 2019. SEE CONDITION. - acalhou2 - 11/08/2019 16:51:42 GMT</p> <p>EO 11990: A review of the National Wetland Inventory (NWI) online mapper, accessed on 12/29/2018, indicates that portions of the project may be located within a designated wetland. 8-Step completed as part of the EO 11988 review. - acalhou2 - 11/08/2019 16:55:24 GMT</p> <p>ESA: Per USFWS PBO dated 04/03/2008 regarding beach berms, the proposed project falls under Conservation Measures. SEE CONDITIONS. - acalhou2 - 11/08/2019 16:45:42 GMT</p> <p>MBTA: Per attached BO (ESA), the applicant is required to comply with FL Fish and Wildlife Commissions Nesting Bird Guidelines. Applicant permitting also includes monitoring, reporting, and conservation requirements for birds. - acalhou2 - 11/08/2019 16:53:02 GMT</p> <p>MSA: No hardbottom or submerged aquatic vegetation present in project area. - acalhou2 - 11/08/2019 16:53:15 GMT</p> <p>EO 11988: The project is located in a Zone VE per St. Johns County FIRM Panel # 12109C0019J, 12109C0082J, 12109C0101J, 12109C0103J, 12109C0111J, 12109C0113J, 12109C0204J, 12109C0212J, 12109C0214J, 12109C0302J, 12109C0306J, 12109C0308J, 12109C0316J, 12109C0384J, 12109C0392J, 12109C0394J, 12109C0413J, 12109C0501J, 12109C0503J, 12109C0511J, and 12109C0512J, dated 12/07/2018. See 8-step checklist attached. - acalhou2 - 11/08/2019 16:53:41 GMT</p> <p>NHPA: FEMA has determined that there will be No Adverse Effect to historic properties. SHPO concurrence with this determination was received, dated 05/21/2019. SEE CONDITIONS. - acalhou2 - 11/08/2019 16:44:51 GMT</p>
5	Initial Review (EHP Rework)	WALL DAVID	10-16-2018 12:40 PM GMT	SCBAK40 - Emergency Berms : PA-04-FL-4283-PW-01061(0) P is resubmitted back to EHP.
4	Initial Review (EHP Rework)	WALL DAVID	10-16-2018 12:38 PM GMT	SCBAK40 - Emergency Berms : PA-04-FL-4283-PW-01061(0) P is resubmitted back to EHP after QAQC policy evaluation. dgw 07-07-18
3	Initial Review (EHP Rework)	WALL DAVID	09-18-2018 11:27 AM GMT	SCBAK40 - Emergency Berms : PA-04-FL-4283-PW-01061(0) P is resubmitted back to EHP after QAQC policy evaluation. dgw 07-07-18
2	Initial Review (EHP Rework)	WALL DAVID	07-06-2018 05:16 PM GMT	SCBAK40 - Emergency Berms : PA-04-FL-4283-PW-01061(0) P is resubmitted back to EHP after QAQC policy evaluation. dgw 07-07-18

Internal Comments

No.	Queue	User	Date/Time	Reviewer Comments
1	Initial Review	WALL DAVID	04-18-2018 07:12 PM GMT	Emergency Berms : PA-04-FL-4283-PW-01061(0) is determined eligible in initial review.

[Go Back](#)

PA-04-FL-4337-PW-02743(0) <u>P</u>	
Applicant Name:	Application Title:
ST. JOHNS (COUNTY)	26097 - Beach Dune Loss
Period of Performance Start:	Period of Performance End:
09-10-2017	03-10-2018

Subgrant Application - Entire Application

Application Title: 26097 - Beach Dune Loss
Application Number: PA-04-FL-4337-PW-02743(0)
Application Type: Subgrant Application (PW)

Preparer Information

Prefix
First Name Daniel
Middle Initial
Last Name Parks
Title PDMG
Agency/Organization Name FDEM
Address 1 2555 Shumard Oak Blvd.
Address 2
City Tallahassee
State FL
Zip 32399 - 2100
Phone 850-815-4410
Email Melissa.Shirah@em.myflorida.com

Is the application preparer the Point of Contact? No

Point of Contact Information

Prefix
First Name Joseph
Middle Initial
Last Name Giammanco
Title Primary Contact
Agency/Organization St. Johns County
Address 1 500 San Sebastian View
Address 2
City St. Augustine
State FL
ZIP 32084
Phone 904-209-0152
Fax
Email jgiammanco@sjcfl.us

Alternate Point of Contact Information

Prefix
 First Name Linda
 Middle Initial M
 Last Name Stoughton
 Title Alternate Contact
 Agency/Organization St. Johns County
 Address 1
 Address 2
 City
 State
 ZIP
 Phone 904-824-5550
 Fax
 Email emgmgt@sjcfl.us

Project Description

Disaster Number: 4337
 Pre-Application Number: PA-04-FL-4337-RPA-0044
 Applicant ID: 109-99109-00
 Applicant Name: ST. JOHNS (COUNTY)
 Subdivision:
 Project Number: 26097
 Standard Project Number/Title: 299 - Emergency Protective Measures
 Please Indicate the Project Type: Neither Alternate nor Improved
 Application Title: 26097 - Beach Dune Loss
 Category: B.PROTECTIVE MEASURES
 Percentage Work Completed? 0.0 %
 As of Date: 11-22-2019

Comments						
PDMG assigned: Daniel Parks						
Attachments						
User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
ANTHONY PEREZ	07-27-2018	Force Account	PAAP DAC		DAC PAAP Agreement - Applicant Signed.pdf(224.20 kb)	View
CARLA O NEAL	11-22-2019	Time Extension	PR# 26097 Extension Request		PR# 26097 Extension Request.pdf(185.50 kb)	View

Damage Facilities (Part 1 of 2)

Facility (Site) Number	Facility (Site) Name	Address	County	City	State	ZIP	Previously Damaged?	Action
1	Damage 68407; Emergency Protective Measures (Beach Dune Loss)		St. Johns		FL		No	

Comments							
Attachments							
User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action	

ANTHONY PEREZ	07-27-2018	Additional Information	DDD Review Checklist		PR26097 - DDD Review Checklist.pdf(174.37 kb)	View
ANTHONY PEREZ	07-27-2018	Additional Damages Document	DDD and SOW		St Johns County SME Report for CAT B Project 26097 v2 - DDD and SOW.pdf(39.73 kb)	View
CARLA O NEAL	11-22-2019	Photos	20191011 PA 4337-02743 PN 26097 EMAIL SJC PN Proof of Posting at Beach Access Points		20191011 PA 4337-02743 PN 26097 EMAIL SJC PN Proof of Posting at Beach Access Points.pdf(390.19 kb)	View
CARLA O NEAL	11-22-2019	Additional Damages Document	PR 26097 Beach Maps Comparisons		PR 26097 Beach Maps Comparisons.msg(216.00 kb)	View
CARLA O NEAL	11-22-2019	Additional Damages Document	20191002 PA 4337-02743 PN 26097 EA FINAL APPENDICES		20191002 PA 4337-02743 PN 26097 EA FINAL APPENDICES.pdf(6.45 Mb)	View

Facility (Site) Name:	Damage 68407; Emergency Protective Measures (Beach Dune Loss)
Address 1:	
Address 2:	
County:	St. Johns
City:	
State:	FL
ZIP:	
Damage Category:	
Was this facility (site) previously damaged?	No
Percentage Work Completed?	100.00 %
Location:	PA-04-FL-4337-PW-02743(0): Damage #68407: St. Augustine, Florida
Damage Description and Dimensions:	<p>PA-04-FL-4337-PW-02743(0): The Disaster #4337DR, which occurred between 9/4/2017 and 10/18/2017, caused:</p> <p>Damage # 68407; Emergency Protective Measures (Beach Dune Loss)</p> <p>During the incident period of 9/4/2017 through 10/18/2017, Hurricane Irma created an immediate threat to the health and safety of the general public requiring emergency response and protective measures.</p> <p>Provided Constructing Emergency Berms or Temporary Levees for See Attached SME Report (DDD-SOW) at St. Johns County Coast on 7/6/2018.</p> <p>During the declared incident period from September 4, 2017, to October 18, 2017, Hurricane Irma generated storm surge and wave action that caused beach and dune erosion in St. Johns County, Florida. A major disaster, DR-4337-FL, was declared on September 10, 2017.</p> <p>Emergency Protective Measures are required to prevent damage to improved property from a subsequent 5 year storm event by placing sand to establish an emergency berm along the following beach reaches:</p> <p>BEACH REACH #1 – PONTE VEDRA BEACH I:</p> <p>R-1: 30.252931, -81.380869</p> <p>R-23: 30.191904, -81.364144</p>

Approximate Length = 22,822 LF

Replacement Sand = 109,181CY (4.8 CY / LF)

Endangered Improved Property: Ponte Vedra Boulevard is located approximately 200 to 300 FT inland from the dune system and homes are often located less than 150 FT inland.

BEACH REACH #2 – PONTE VEDRA BEACH II:

R-23: 30.191904, -81.364144

R-46: 30.127754, -81.347772

Approximate Length = 24,106 LF

Replacement Sand = 93,152 CY (3.9 CY / LF)

Endangered Improved Property: Ponte Vedra Boulevard is located less than 600 FT inland from the dune system homes located less than 200 FT inland.

BEACH REACH #4 – SOUTH PONTE VEDRA BEACH I:

R-67: 30.068446, -81.333530

R-84: 30.020140, -81.322449

Approximate Length = 17,921 LF

Replacement Sand = 34,695 CY (1.9 CY / LF)

Endangered Improved Property: Ponte Vedra Boulevard (SR A1A) is located less than 200 FT inland from the dune system and homes are often located less than 100 FT inland.

BEACH REACH #5 – SOUTH PONTE VEDRA BEACH II:

R-84: 30.020140, -81.322449

R-100: 29.976017, -81.311119

Approximate Length = 16,447 LF

Replacement Sand = 32,877 CY (2.0 CY / LF)

Endangered Improved Property: SR A1A is located approximately 200 FT inland from the dune system, and many homes are located less than 100 FT inland.

BEACH REACH #6 – SOUTH PONTE VEDRA BEACH III:

R-100: 29.976017, -81.311119

R-117: 29.929128, -81.296217

Approximate Length = 17,703 LF

Emergency Sand Placement = 34,955 CY (2.0 CY / LF)

Endangered Improved Property: In some locations, SR A1A is located less than 150 FT from the Mean High Water (MHW) elevation and some homes are located less than 100 FT from MHW.

BEACH REACH #7 – VILANO BEACH:

R-117: 29.929128, -81.296217

R-122+370: 29.914020, -81.289171

Approximate Length = 5,878 LF

Emergency Sand Placement = 20,777 CY (3.5 CY / LF)

Endangered Improved Property: In some locations SR A1A is located less than 200 FT inland from the dune system and some homes are located less than 200 FT inland from the dune system.

BEACH REACH #10 – BUTLER BEACH:

R-151: 29.832208, -81.264581

R-173: 29.771939, -81.253489

Approximate Length = 22,272 LF

Emergency Sand Placement = 24,212 CY (1.1 CY / LF)

Endangered Improved Property: Some local roads are located less than 400 FT inland from the dune system and some homes are located less than 400 FT inland.

BEACH REACH #11 – CRESCENT BEACH:

R-173: 29.771939, -81.253489

R-194: 29.717161, -81.230789

Approximate Length = 20,811 LF

Emergency Sand Placement = 61,573 CY (3.0 CY / LF)

Endangered Improved Property: In some locations, SR A1A is located less than 500 FT inland from the dune system, and homes are located less than 200 FT inland.

BEACH REACH #13 – SUMMER HAVEN BEACH:

R-197: 29.704106, -81.227547

R-209: 29.672008, -81.214031

Approximate Length = 10,545 LF (Not including the 2,531 FT Summer Haven River Restoration Project)*

Emergency Sand Placement = 59,613 CY (5.7 CY / LF**)

*This reach includes the Summer Haven River Restoration Project (R-200 to R-202). This section is not included in this Project Worksheet.

Endangered Improved Property: In some locations, Hwy A1A is located less than 200 FT from MHW and some homes are located less than 150 FT from MHW.).

Scope of Work:

PA-04-FL-4337-PW-02743(0):
68407 Beach Dune Loss

Work to be Completed:

The Applicant plans on utilizing contract services to complete the following emergency protective measures by constructing an emergency sand berm in order to protect improved property from a 5 year storm event as described in the Public Assistance

Program and Policy Guide (CH2)(VI)(B)(19):

BEACH REACH #1 – PONTE VEDRA BEACH I:

R-1: 30.252931, -81.380869

R-23: 30.191904, -81.364144

A. Place 22,822 LF x 4.8 CY / LF = 109,181CY of sand for emergency sand berm

BEACH REACH #2 – PONTE VEDRA BEACH II:

R-23: 30.191904, -81.364144

R-46: 30.127754, -81.347772

B. Place 24,106 LF x 3.9 CY / LF = 93,152 CY of sand for emergency sand berm

BEACH REACH #4 – SOUTH PONTE VEDRA BEACH I:

R-67: 30.068446, -81.333530

R-84: 30.020140, -81.322449

C. Place 17,921 LF x 1.9 CY / LF = 34,695 CY of sand for emergency sand berm

BEACH REACH #5 – SOUTH PONTE VEDRA BEACH II:

R-84: 30.020140, -81.322449

R-100: 29.976017, -81.311119

D. Place 16,447 LF x 2.0 CY / LF = 32,877 CY of sand for emergency sand berm

BEACH REACH #6 – SOUTH PONTE VEDRA BEACH III:

R-100: 29.976017, -81.311119

R-117: 29.929128, -81.296217

E. Place 17,703 LF x 2.0 CY / LF = 34,955 CY of sand for emergency sand berm

BEACH REACH #7 – VILANO BEACH:

R-117: 29.929128, -81.296217

R-122+370: 29.914020, -81.289171

F. Place 5,878 LF x 3.5 CY / LF = 20,777 CY of sand for emergency sand berm

BEACH REACH #10 – BUTLER BEACH:

R-151: 29.832208, -81.264581

R-173: 29.771939, -81.253489

G. Place 22,272 LF x 1.1 CY / LF = 24,212 CY of sand for emergency sand berm

BEACH REACH #11 – CRESCENT BEACH:

R-173: 29.771939, -81.253489

R-194: 29.717161, -81.230789

H. Place 20,811 LF x 3.0 CY / LF = 61,573 CY of sand for emergency sand berm

BEACH REACH #13 – SUMMER HAVEN BEACH:

R-197: 29.704106, -81.227547

R-209: 29.672008, -81.214031

I. Place 10,545* LF x 5.7 CY / LF = 59,613 CY of sand for emergency sand berm

*Does not include 2,531 LF of Summer Haven River Restoration Project (R-200 to R-202).

Total (Items A-I) Placement of 471,036 CY of sand for emergency sand berm

Gross Cost = \$16,519,928

Scope Notes:

1. This project provides funding to construct an emergency berm with up to 6 CY/LF of sand above the stillwater elevation or the berm's pre-storm profile, whichever is less.

2. The attached CEF titled "26097 CEF" was created using the attached "Post Hurricane Irma Sand Replacement Report" which was created by the Applicant's Contracted Engineer and FEMA's CEF Instructional Guide V2_1.

3. The cost estimate provided by the Applicant's Engineer has been validated using recently received estimates for other FEMA projects of similar size and nature for DR-4337-FL.

4. The Applicant's Insurance and Procurement Policies are attached.

5. The Applicant has elected to participate in FEMA's PAAP Direct Administrative Cost (DAC) Pilot Program. DAC for this project will be addressed in a separate project in accordance with pilot procedures. See attached signed Agreement for Participation titled "DAC PAAP Agreement – Applicant Signed."

6. See attached "St Johns County SME Report for CAT B Project 26097 v2" created by FEMA's Subject Matter Expert and referenced in the Sand Replacement Report.

7. The Applicant is required to obtain all Federal, State, and Local environmental permits prior to the start of construction. The Applicant could jeopardize the eligible FEMA funding of this project if they do not comply with this requirement.

A Determination Memo is attached. The County has requested FEMA PA support in the form of reimbursement of its project costs for construction of emergency sand berms, estimated to be \$16,519,928.00. As the County has failed to comply with Federally mandated project deadlines, FEMA may not provide assistance for this project and the request is denied entirely.

Hazard Mitigation Proposal

* Is effective mitigation feasible on this facility (site)?

No

If you answered **Yes** to the above question, the next question is required

Will mitigation be performed on this facility (site)?

If you answered **Yes** to the above question, the next question is required

Do you wish to attach a Hazard Mitigation Proposal?

If you answered **Yes** to the above question, the next two questions are required

Please provide the Scope of Work for the estimate:
(maximum 4000 characters)

Would you like to add the Hazard Mitigation Proposal as a cost line item to the project cost?

GIS Coordinates

Project Location	Latitude	Longitude
Damage #68407: St. Augustine, Florida	29.935525	-81.335562
BEACH REACH #1 – PONTE VEDRA BEACH I, R-1:	30.252931	-81.380869
BEACH REACH #1 – PONTE VEDRA BEACH I, R-23:	30.191904	-81.364144
BEACH REACH #2 – PONTE VEDRA BEACH II, R-23:	30.191904	-81.364144
BEACH REACH #2 – PONTE VEDRA BEACH II, R-46:	30.127754	-81.347772
BEACH REACH #4 – SOUTH PONTE VEDRA BEACH I, R-67:	30.068446	-81.33353
BEACH REACH #4 – SOUTH PONTE VEDRA BEACH I, R-84:	30.02014	-81.322449
BEACH REACH #5 – SOUTH PONTE VEDRA BEACH II, R-84:	30.02014	-81.322449
BEACH REACH #5 – SOUTH PONTE VEDRA BEACH II, R-100:	29.976017	-81.311119
BEACH REACH #6 – SOUTH PONTE VEDRA BEACH III, R-100:	29.976017	-81.311119
BEACH REACH #6 – SOUTH PONTE VEDRA BEACH III, R-117:	29.929128	-81.296217
BEACH REACH #7 – VILANO BEACH, R-117:	29.929128	-81.296217
BEACH REACH #7 – VILANO BEACH, R-122+370:	29.91402	-81.289171
BEACH REACH #10 – BUTLER BEACH, R-151:	29.832208	-81.264581
BEACH REACH #10 – BUTLER BEACH, R-173:	29.771939	-81.253489
BEACH REACH #11 – CRESCENT BEACH, R-173:	29.771939	-81.253489
BEACH REACH #11 – CRESCENT BEACH, R-194:	29.717161	-81.230789
BEACH REACH #13 – SUMMER HAVEN BEACH, R-197:	29.704106	-81.227547
BEACH REACH #13 – SUMMER HAVEN BEACH, R-209:	29.672008	-81.214031

Special Considerations

1. Does the damaged facility or item of work have insurance coverage and/or is it an insurable risk (e.g., buildings, equipment, vehicles, etc)? No
2. Is the damaged facility located within a floodplain or coastal high hazard area and/or does it have an impact on a floodplain or wetland? No
3. Is the damaged facility or item of work located within or adjacent to a Coastal Barrier Resource System Unit or an Otherwise Protected Area? No
4. Will the proposed facility repairs/reconstruction change the pre-disaster conditions (e.g., footprint, material, No

location, capacity, use of function)?

5. Does the applicant have a hazard mitigation proposal or would the applicant like technical assistance for a hazard mitigation proposal? No
6. Is the damaged facility on the National Register of Historic Places or the state historic listing? Is it older than 50 years? Are there more, similar buildings near the site? No
7. Are there any pristine or undisturbed areas on, or near, the project site? Are there large tracts of forestland? No
8. Are there any hazardous materials at or adjacent to the damaged facility and/or item of work? No
9. Are there any other environmental or controversial issues associated with the damaged facility and/or item of work? Yes

Attachments						
User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
CARLA O NEAL	11-22-2019	Environmental/Historic Document	20080403 FEMA USFWS BO Emergency Berm Repair		20080403 FEMA USFWS BO Emergency Berm Repair.pdf(7.29 Mb)	View
CARLA O NEAL	11-22-2019	Additional Information	20191004 PA 4337-02743 PN 26097 Public Notice		20191004 PA 4337-02743 PN 26097 Public Notice.pdf(108.49 kb)	View
CARLA O NEAL	11-22-2019	Environmental/Historic Document	20191030 PA 4337-02743 PN 26097 EA FINAL		20191030 PA 4337-02743 PN 26097 EA FINAL.pdf(558.22 kb)	View
CARLA O NEAL	11-22-2019	Additional Damages Document	20191105 PA 4337-02743 PN 26097 FONSI FINAL		20191105 PA 4337-02743 PN 26097 FONSI FINAL.pdf(336.89 kb)	View
CARLA O NEAL	11-22-2019	Letter	EA Draft and FONSI Draft - St. Johns County Berms - PW 4283-0106 and PW 4337-02743		EA Draft and FONSI Draft - St. Johns County Berms - PW 4283-0106 and PW 4337-02743.pdf(5.63 Mb)	View
CARLA O NEAL	11-22-2019	Environmental/Historic Document	PA-04-FL-4337-PW-02743_REC		PA-04-FL-4337-PW-02743_REC.pdf(16.22 kb)	View
CARLA O NEAL	11-22-2019	Environmental/Historic Document	recReport		recReport.pdf(16.22 kb)	View
CARLA O NEAL	11-22-2019	Environmental/Historic Document	20080403 FEMA USFWS BO Emergency Berm Repair		20080403 FEMA USFWS BO Emergency Berm Repair.pdf(7.29 Mb)	View

Mitigation section is not applicable for your project category.

Cost Estimate

Is this Project Worksheet for	
-------------------------------	--

(Preferred) Repair									
Sequence	Code	Material and/or Description	Unit Quantity	Unit of Measure	Unit Price	Subgrant Budget Class	Type	Cost Estimate	Action
*** Version 0 ***									
Work To Be Completed									
1	9001	Contract	1	LS	\$ 16,519,928.00	CONTRACTUAL	Work To Be Completed	\$ 16,519,928.00	
2	9001	Contract	1	LS	\$ -16,519,928.00	CONTRACTUAL	Work To Be Completed	\$ -16,519,928.00	
								Total Cost : \$ 0.00	

Insurance Adjustments (Deductibles, Proceeds and Settlements) - 5900/5901	
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Sequence	Code	Material and/or Description	Unit Quantity	Unit of Measure	Unit Price	Subgrant Budget Class	Type	Cost Estimate	Action
								Total Cost : \$ 0.00	

Total Cost Estimate: (Preferred Estimate Type + Insurance Adjustments)	\$ 0.00
--	----------------

Comments						
Attachments						
User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
ANTHONY PEREZ	07-27-2018	Additional Information	CEF		26097 CEF.pdf(167.57 kb)	View
ANTHONY PEREZ	07-27-2018	Force Account	FA Labor Personnel Policy		St. Johns County Personnel Administration Code - FA Labor Personnel Policy.pdf(545.55 kb)	View
ANTHONY PEREZ	07-27-2018	Force Account	FA Material		1. Post Hurricane Irma Sand Replacement Report.pdf(3.59 Mb)	View
ANTHONY PEREZ	07-27-2018	Force Account	FA Material		2. Truck Haul Sand Sources.pdf(1.57 Mb)	View
MARY RUDOLPH	07-30-2018	Additional Information	Project Cost Estimate - SCB_Engineering Support_\$4716.25		3. SCB_Engineering Support_4716.25.pdf(53.20 kb)	View
CARLA O NEAL	11-22-2019	Additional Information	20191004 PA 4337-02743 PN 26097 Public Notice		20191004 PA 4337-02743 PN 26097 Public Notice.pdf(108.49 kb)	View

Existing Insurance Information

Insurance Type	Policy No.	Bldg/Property Amount	Content Amount	Insurance Amount	Deductible Amount	Years Required	Facility (Site) No.
General	1964003	\$ 5,000,000.00	\$ 5,000,000.00		\$ 25,000.00	0	

Comments						
Attachments						
User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
ANTHONY PEREZ	07-27-2018	Insurance Document	Insurance Property Schedule		17.18 Utilities SOV St. Johns - Insurance Property Schedule.xlsx(207.52 kb)	View
ANTHONY PEREZ	07-27-2018	Insurance Document	Insurance Property Schedule		St.JohnsCountyBOCC_STMNTVL_PROP_05252017 - Insurance Property Schedule.xls(721.51 kb)	View
ANTHONY PEREZ	07-27-2018	Insurance Document	Insurance Policy		Flood insurance.pdf(1.94 Mb)	View
ANTHONY PEREZ	07-27-2018	Insurance Document	Insurance Policy		St.Johns CountyBOCC_001964003 SL Stamp.pdf(58.33 kb)	View

ANTHONY PEREZ	07-27-2018	Insurance Document	Insurance Policy		St.JohnsCountyBOCC_PROPPOL_001964003.pdf(569.23 kb)	View
ANTHONY PEREZ	07-27-2018	Insurance Document	Insurance Policy		St.JohnsCountyBOCC_PROPPOL_001964003_ENDORSEMENT 7.pdf(107.70 kb)	View
ANTHONY PEREZ	07-27-2018	Insurance Document	Insurance Policy		St.JohnsCountyBOCC_PROPPOL_D37360260009.pdf(704.55 kb)	View
ANTHONY PEREZ	07-27-2018	Insurance Document	Insurance Policy		St.JohnsCountyBOCC_PROPPOL_ESP30000279600.pdf(2.99 Mb)	View
ANTHONY PEREZ	07-27-2018	Insurance Document	Insurance Policy		St.JohnsCountyBOCC_PROPPOL_ESP30000279600_Endorsement 2.pdf(2.52 Mb)	View
ANTHONY PEREZ	07-27-2018	Insurance Document	Insurance Policy		St.JohnsCountyBOCC_PROPPOL_ESP30000279600_Endorsement 3.pdf(2.55 Mb)	View
ANTHONY PEREZ	07-27-2018	Insurance Document	Insurance Policy		St.JohnsCountyBOCC_PROPPOL_ESP30000279600_Endorsement 4.pdf(18.11 kb)	View
ANTHONY PEREZ	07-27-2018	Insurance Document	Insurance Policy		St.JohnsCountyBOCC_PROPPOL_Excess 1st PD1018503.pdf(798.85 kb)	View
ANTHONY PEREZ	07-27-2018	Insurance Document	Insurance Policy		St.JohnsCountyBOCC_PROPPOL_Excess 2nd XP264037.pdf(873.10 kb)	View
ANTHONY PEREZ	07-27-2018	Insurance Document	Insurance Policy		St.JohnsCountyBOCC_PROPPOL_Excess 3rd NVA601675306.pdf(2.38 Mb)	View
ANTHONY PEREZ	07-27-2018	Insurance Document	Insurance Policy		St.JohnsCountyBOCC_PROPPOL_Excess 4th LHT399670.pdf(502.32 kb)	View
ANTHONY PEREZ	07-27-2018	Insurance Document	Insurance Policy		St.JohnsCountyBOCC_PROPPOL_Uilities_EUTN09177358.pdf(1.51 Mb)	View
MARY RUDOLPH	08-02-2018	Insurance Document	Insurance Policy		St.JohnsCountyBOCC_PROPPOL_Excess 3rd MSP601675306.pdf(2.38 Mb)	View
PAUL CRISTE	08-03-2018	Insurance Document	CP26097 DR4337 FL St. Johns County Insurance Narrative PW2743 Cat B		CP26097 DR4337 FL St. Johns County Insurance Narrative PW2743 Cat B.pdf(21.58 kb)	View
CARLA O NEAL	11-22-2019	Insurance Document	CP26097 DR4337 FL St. Johns County Insurance Narrative PW2743 Cat B		CP26097 DR4337 FL St. Johns County Insurance Narrative PW2743 Cat B.pdf(21.58 kb)	View

Comments and Attachments

Name of Section

Comment

Attachment

Comments and Attachments

Project Description	PDMG assigned: Daniel Parks	DAC PAAP Agreement - Applicant Signed.pdf (07-27-2018) PR# 26097 Extension Request.pdf (11-22-2019) PR26097 - DDD Review Checklist.pdf (07-27-2018) St Johns County SME Report for CAT B Project 26097 v2 - DDD and SOW.pdf (07-27-2018)
Damage Facilities		20191011 PA 4337-02743 PN 26097 EMAIL SJC PN Proof of Posting at Beach Access Points.pdf (11-22-2019) PR 26097 Beach Maps Comparisons.msg (11-22-2019) 20191002 PA 4337-02743 PN 26097 EA FINAL APPENDICES.pdf (11-22-2019) 20080403 FEMA USFWS BO Emergency Berm Repair.pdf (11-22-2019) 20191004 PA 4337-02743 PN 26097 Public Notice.pdf (11-22-2019) 20191030 PA 4337-02743 PN 26097 EA FINAL.pdf (11-22-2019) 20191105 PA 4337-02743 PN 26097 FONSI FINAL.pdf (11-22-2019)
Special Considerations		EA Draft and FONSI Draft - St. Johns County Berms - PW 4283-0106 and PW 4337-02743.pdf (11-22-2019) PA-04-FL-4337-PW-02743_REC.pdf (11-22-2019) recReport.pdf (11-22-2019) 20080403 FEMA USFWS BO Emergency Berm Repair.pdf (11-22-2019) 26097 CEF.pdf (07-27-2018) St. Johns County Personnel Administration Code - FA Labor Personnel Policy.pdf (07-27-2018)
Cost Estimate		1. Post Hurricane Irma Sand Replacement Report.pdf (07-27-2018) 2. Truck Haul Sand Sources.pdf (07-27-2018) 3. SCB_Engineering_Support_4716.25.pdf (07-30-2018) 20191004 PA 4337-02743 PN 26097 Public Notice.pdf (11-22-2019)

Comments and Attachments

[17.18 Utilities SOV St. Johns - Insurance Property Schedule.xlsx](#) (07-27-2018)

[St.JohnsCountyBOCC_STMNTVL_PROP_05252017 - Insurance Property Schedule.xls](#) (07-27-2018)

[Flood insurance.pdf](#) (07-27-2018)

[St.Johns CountyBOCC_001964003_SL_Stamp.pdf](#) (07-27-2018)

[St.JohnsCountyBOCC_PROPPOL_001964003.pdf](#) (07-27-2018)

[St.JohnsCountyBOCC_PROPPOL_001964003_ENDORSEMENT 7.pdf](#) (07-27-2018)

[St.JohnsCountyBOCC_PROPPOL_D37360260009.pdf](#) (07-27-2018)

[St.JohnsCountyBOCC_PROPPOL_ESP30000279600.pdf](#) (07-27-2018)

[St.JohnsCountyBOCC_PROPPOL_ESP30000279600_Endorsement 2.pdf](#) (07-27-2018)

[St.JohnsCountyBOCC_PROPPOL_ESP30000279600_Endorsement 3.pdf](#) (07-27-2018)

[St.JohnsCountyBOCC_PROPPOL_ESP30000279600_Endorsement 4.pdf](#) (07-27-2018)

[St.JohnsCountyBOCC_PROPPOL_Excess 1st PD1018503.pdf](#) (07-27-2018)

[St.JohnsCountyBOCC_PROPPOL_Excess 2nd XP264037.pdf](#) (07-27-2018)

[St.JohnsCountyBOCC_PROPPOL_Excess 3rd NVA601675306.pdf](#) (07-27-2018)

[St.JohnsCountyBOCC_PROPPOL_Excess 4th LHT399670.pdf](#) (07-27-2018)

[St.JohnsCountyBOCC_PROPPOL_Uilities_EUTN09177358.pdf](#) (07-27-2018)

[St.JohnsCountyBOCC_PROPPOL_Excess 3rd MSP601675306.pdf](#) (08-02-2018)

[CP26097 DR4337 FL St. Johns County Insurance Narrative PW2743 Cat B.pdf](#) (08-03-2018)

[CP26097 DR4337 FL St. Johns County Insurance Narrative PW2743 Cat B.pdf](#) (11-22-2019)

[PRJ_Report_26097_20191122.pdf](#) (11-22-2019)

Insurance Information

Form 90-91

[4337-DR-FL St Johns County EPM Project 26097 DM SIGNED FINAL.pdf](#) (02-20-2020)

Bundle Reference # (Amendment #)	Date Awarded

Subgrant Application - FEMA Form 90-91

Note: The Effective Cost Share for this application is 90%

FEDERAL EMERGENCY MANAGEMENT AGENCY PROJECT WORKSHEET								
DISASTER					PROJECT NO.	PA ID NO.	DATE	CATEGORY
FEMA	4337	-	DR	-FL	26097	109-99109-00	11-22-2019	B
APPLICANT: ST. JOHNS (COUNTY)							WORK COMPLETE AS OF:	

DAMAGED FACILITY:

Damage 68407; Emergency Protective Measures (Beach Dune Loss)

COUNTY: St. Johns

LOCATION:

PA-04-FL-4337-PW-02743(0):
Damage #68407: St. Augustine, Florida

Current Version:

LATITUDE:

29.672008
29.704106
29.717161
29.771939
29.771939
29.832208
29.91402
29.929128
29.929128
29.935525
29.976017
29.976017
30.02014
30.02014
30.068446
30.127754
30.191904
30.191904
30.252931

LONGITUDE:

-81.214031
-81.227547
-81.230789
-81.253489
-81.253489
-81.264581
-81.289171
-81.296217
-81.296217
-81.335562
-81.311119
-81.311119
-81.311119
-81.322449
-81.322449
-81.33353
-81.347772
-81.364144
-81.364144
-81.380869

DAMAGE DESCRIPTION AND DIMENSIONS:

PA-04-FL-4337-PW-02743(0):

The Disaster #4337DR, which occurred between 9/4/2017 and 10/18/2017, caused:

Damage # 68407; Emergency Protective Measures (Beach Dune Loss)

During the incident period of 9/4/2017 through 10/18/2017, Hurricane Irma created an immediate threat to the health and safety of the general public requiring emergency response and protective measures.

Provided Constructing Emergency Berms or Temporary Levees for See Attached SME Report (DDD-SOW) at St. Johns County Coast on 7/6/2018.

During the declared incident period from September 4, 2017, to October 18, 2017, Hurricane Irma generated storm surge and wave action that caused beach and dune erosion in St. Johns County, Florida. A major disaster, DR-4337-FL, was declared on September 10, 2017.

Emergency Protective Measures are required to prevent damage to improved property from a subsequent 5 year storm event by placing sand to establish an emergency berm along the following beach reaches:

BEACH REACH #1 – PONTE VEDRA BEACH I:

R-1: 30.252931, -81.380869

R-23: 30.191904, -81.364144

Approximate Length = 22,822 LF

Replacement Sand = 109,181CY (4.8 CY / LF)

Endangered Improved Property: Ponte Vedra Boulevard is located approximately 200 to 300 FT inland from the dune system and homes are often located less than 150 FT inland.

BEACH REACH #2 – PONTE VEDRA BEACH II:

R-23: 30.191904, -81.364144

R-46: 30.127754, -81.347772

Approximate Length = 24,106 LF

Replacement Sand = 93,152 CY (3.9 CY / LF)

Endangered Improved Property: Ponte Vedra Boulevard is located less than 600 FT inland from the dune system homes located less than 200 FT inland.

BEACH REACH #4 – SOUTH PONTE VEDRA BEACH I:

R-67: 30.068446, -81.333530

R-84: 30.020140, -81.322449

Approximate Length = 17,921 LF

Replacement Sand = 34,695 CY (1.9 CY / LF)

Endangered Improved Property: Ponte Vedra Boulevard (SR A1A) is located less than 200 FT inland from the dune system and homes are often located less than 100 FT inland.

BEACH REACH #5 – SOUTH PONTE VEDRA BEACH II:

R-84: 30.020140, -81.322449

R-100: 29.976017, -81.311119

Approximate Length = 16,447 LF

Replacement Sand = 32,877 CY (2.0 CY / LF)

Endangered Improved Property: SR A1A is located approximately 200 FT inland from the dune system, and many homes are located less than 100 FT inland.

BEACH REACH #6 – SOUTH PONTE VEDRA BEACH III:

R-100: 29.976017, -81.311119

R-117: 29.929128, -81.296217

Approximate Length = 17,703 LF

Emergency Sand Placement = 34,955 CY (2.0 CY / LF)

Endangered Improved Property: In some locations, SR A1A is located less than 150 FT from the Mean High Water (MHW) elevation and some homes are located less than 100 FT from MHW.

BEACH REACH #7 – VILANO BEACH:

R-117: 29.929128, -81.296217

R-122+370: 29.914020, -81.289171

Approximate Length = 5,878 LF

Emergency Sand Placement = 20,777 CY (3.5 CY / LF)

Endangered Improved Property: In some locations SR A1A is located less than 200 FT inland from the dune system and some homes are located less than 200 FT inland from the dune system.

BEACH REACH #10 – BUTLER BEACH:

R-151: 29.832208, -81.264581

R-173: 29.771939, -81.253489

Approximate Length = 22,272 LF

Emergency Sand Placement = 24,212 CY (1.1 CY / LF)

Endangered Improved Property: Some local roads are located less than 400 FT inland from the dune system and some homes are located less than 400 FT inland.

BEACH REACH #11 – CRESCENT BEACH:

R-173: 29.771939, -81.253489

R-194: 29.717161, -81.230789

Approximate Length = 20,811 LF

Emergency Sand Placement = 61,573 CY (3.0 CY / LF)

Endangered Improved Property: In some locations, SR A1A is located less than 500 FT inland from the dune system, and homes are located less than 200 FT inland.

BEACH REACH #13 – SUMMER HAVEN BEACH:

R-197: 29.704106, -81.227547

R-209: 29.672008, -81.214031

Approximate Length = 10,545 LF (Not including the 2,531 FT Summer Haven River Restoration Project)*

Emergency Sand Placement = 59,613 CY (5.7 CY / LF**)

*This reach includes the Summer Haven River Restoration Project (R-200 to R-202). This section is not included in this Project Worksheet.

Endangered Improved Property: In some locations, Hwy A1A is located less than 200 FT from MHW and some homes are located less than 150 FT from MHW.).

Current Version:

SCOPE OF WORK:

PA-04-FL-4337-PW-02743(0):
68407 Beach Dune Loss

Work to be Completed:

The Applicant plans on utilizing contract services to complete the following emergency protective measures by constructing an emergency sand berm in order to protect improved property from a 5 year storm event as described in the Public Assistance Program and Policy Guide (CH2)(VI)(B)(19):

BEACH REACH #1 – PONTE VEDRA BEACH I:

R-1: 30.252931, -81.380869

R-23: 30.191904, -81.364144

A. Place 22,822 LF x 4.8 CY / LF = 109,181CY of sand for emergency sand berm

BEACH REACH #2 – PONTE VEDRA BEACH II:

R-23: 30.191904, -81.364144

R-46: 30.127754, -81.347772

B. Place 24,106 LF x 3.9 CY / LF = 93,152 CY of sand for emergency sand berm

BEACH REACH #4 – SOUTH PONTE VEDRA BEACH I:

R-67: 30.068446, -81.333530

R-84: 30.020140, -81.322449

C. Place 17,921 LF x 1.9 CY / LF = 34,695 CY of sand for emergency sand berm

BEACH REACH #5 – SOUTH PONTE VEDRA BEACH II:

R-84: 30.020140, -81.322449

R-100: 29.976017, -81.311119

D. Place 16,447 LF x 2.0 CY / LF = 32,877 CY of sand for emergency sand berm

BEACH REACH #6 – SOUTH PONTE VEDRA BEACH III:

R-100: 29.976017, -81.311119

R-117: 29.929128, -81.296217

E. Place 17,703 LF x 2.0 CY / LF = 34,955 CY of sand for emergency sand berm

BEACH REACH #7 – VILANO BEACH:

R-117: 29.929128, -81.296217

R-122+370: 29.914020, -81.289171

F. Place 5,878 LF x 3.5 CY / LF = 20,777 CY of sand for emergency sand berm

BEACH REACH #10 – BUTLER BEACH:

R-151: 29.832208, -81.264581

R-173: 29.771939, -81.253489

G. Place 22,272 LF x 1.1 CY / LF = 24,212 CY of sand for emergency sand berm

BEACH REACH #11 – CRESCENT BEACH:

R-173: 29.771939, -81.253489

R-194: 29.717161, -81.230789

H. Place 20,811 LF x 3.0 CY / LF = 61,573 CY of sand for emergency sand berm

BEACH REACH #13 – SUMMER HAVEN BEACH:

R-197: 29.704106, -81.227547

R-209: 29.672008, -81.214031

I. Place 10,545* LF x 5.7 CY / LF = 59,613 CY of sand for emergency sand berm

*Does not include 2,531 LF of Summer Haven River Restoration Project (R-200 to R-202).

Total (Items A-I) Placement of 471,036 CY of sand for emergency sand berm

Gross Cost = \$16,519,928

Scope Notes:

1. This project provides funding to construct an emergency berm with up to 6 CY/LF of sand above the stillwater elevation or the berm's pre-storm profile, whichever is less.
2. The attached CEF titled "26097 CEF" was created using the attached "Post Hurricane Irma Sand Replacement Report" which was created by the Applicant's Contracted Engineer and FEMA's CEF Instructional Guide V2_1.
3. The cost estimate provided by the Applicant's Engineer has been validated using recently received estimates for other FEMA projects of similar size and nature for DR-4337-FL.
4. The Applicant's Insurance and Procurement Policies are attached.
5. The Applicant has elected to participate in FEMA's PAAP Direct Administrative Cost (DAC) Pilot Program. DAC for this project will be addressed in a separate project in accordance with pilot procedures. See attached signed Agreement for Participation titled "DAC PAAP Agreement – Applicant Signed."
6. See attached "St Johns County SME Report for CAT B Project 26097 v2" created by FEMA's Subject Matter Expert and referenced in the Sand Replacement Report.
7. The Applicant is required to obtain all Federal, State, and Local environmental permits prior to the start of construction. The Applicant could jeopardize the eligible FEMA funding of this project if they do not comply with this requirement.

A Determination Memo is attached. The County has requested FEMA PA support in the form of reimbursement of its project costs for construction of emergency sand berms, estimated to be \$16,519,928.00. As the County has failed to comply with Federally mandated project deadlines, FEMA may not provide assistance for this project and the request is denied entirely.

Current Version:

Does the Scope of Work change the pre-disaster conditions at the site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Special Considerations included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hazard Mitigation proposal included? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is there insurance coverage on this facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

PROJECT COST

ITEM	CODE	NARRATIVE	QUANTITY/UNIT	UNIT PRICE	COST
		*** Version 0 ***			
		Work To Be Completed			
1	9001	Contract	1/LS	\$ 16,519,928.00	\$ 16,519,928.00
2	9001	Contract	1/LS	\$ -16,519,928.00	\$ -16,519,928.00
				TOTAL COST	\$ 0.00

PREPARED BY Daniel Parks	TITLE PDMG	SIGNATURE
APPLICANT REP. Joseph Giammanco	TITLE Primary Contact	SIGNATURE

ST. JOHNS (COUNTY) : PA-04-FL-4337-PW-02743

Conditions Information

Review Name	Condition Type	Condition Name	Description	Monitored	Status
Final Review	Program Conditions (Program Specific)	Standard Conditions	RECORD RETENTION/DOCUMENTATION REQUIRED As described in 2 CFR, Part 200 § 200.333, financial records, supporting documents, statistical records and all other non-Federal entity records pertinent to a Federal award must be retained for a period of three (3) years from the	No	Approved

		ST. JOHNS (COUNTY) : PA-04-FL-4337-PW-02743		
			Conditions Information	
			<p>date of submission of the final expenditure report or, for Federal awards that are renewed quarterly or annually, from the date of the submission of the quarterly or annual financial report, respectively, as reported to the Federal awarding agency or pass-through entity in the case of a sub-recipient. Federal awarding agencies and pass-through entities must not impose any other record retention requirements upon non-Federal entities. Exceptions, Part 200.333, (a) – (f), (1), (2). All records relative to this Project Worksheet are subject to examination and audit by the State, FEMA and the Comptroller General of the United States and must reflect work related to disaster-specific costs. PROCUREMENT In the seeking of proposals and letting of contracts for eligible work, the Applicant/Subrecipient must comply with its Local, State (provided that the procurements conform to applicable Federal law) and Federal procurement laws, regulations, and procedures as required by FEMA Policy 2 CFR Part 200, Procurement Standards, §§ 317-326. Direct Administrative Costs (DAC) Alternative Procedures The Applicant has elected to participate in the Public Assistance Alternative Procedures for Direct Administrative Costs described in the FEMA Recovery Policy dated June 12, 2018. In accordance with the policy, all Direct Administrative Costs (DAC) for the sub-recipient will be awarded on a single consolidated DAC Project for that sub-recipient. The sub-recipient may not claim DAC on individual projects. LARGE PROJECTS The Recipient must submit its certification of the applicant's completion of this project, the final claim for payment, and supporting documentation within 180 days from the date that the applicant completes the scope of work. Project Worksheets written as large projects (costs above the large project threshold) are reimbursed based on the actual eligible final project costs. Therefore, during the final project reconciliation (closeout), the project may be amended to reflect the reconciliation of actual eligible costs. FEMA-STATE AGREEMENT REQUIRED The terms of the FEMA-State Agreement are incorporated by reference into this project award under the Public Assistance grant and the applicant must comply with all applicable laws, regulations, policy, and guidance. This includes, among others, the Robert T. Stafford Disaster Relief and Emergency Assistance Act; Title 44 of the Code of Federal Regulations; FEMA Policy No. 104-009-2, Public Assistance Policy and Program Guide; and other FEMA policy and guidance. DHS STANDARD TERMS AND CONDITIONS REQUIRED The DHS Standard Terms and Conditions in effect as of the date of the declaration of this major disaster are incorporated by reference into this project award under the Public Assistance grant, which flow down from the Recipient to subrecipients unless a particular term or condition indicates otherwise.</p>	

ST. JOHNS (COUNTY) : PA-04-FL-4337-PW-02743

Conditions Information

Final Review	Other (EHP)	Standard Condition #3	If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.	No	Approved
Final Review	Other (EHP)	Standard Condition #2	This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.	No	Approved
Final Review	Other (EHP)	Standard Condition #1	Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.	No	Approved
Final Review	Other (EHP)	National Historic Preservation Act (NHPA)	NHPA CONDITION: Any changes to the approved scope of work will require submission to, evaluation, and approval by the State of Florida and FEMA prior to initiation of any work, for compliance with Section 106 of the NHPA.	No	Approved
Final Review	Other (EHP)	Coastal Zone Management Act (CZMA)	CZMA CONDITION: The subgrantee is responsible for coordinating with and obtaining any required permit(s) from FDEP Bureau of Beaches and Coastal Systems. Subgrantee must obtain a Joint Coastal Permit (JCP) permit prior to initiating work or verification that no permit was required. The subgrantee shall comply with all conditions of the required permit. All coordination pertaining to these activities should be documented and compliance maintained in their permanent files. Best Management Practices (BMP's) should be followed. Failure to comply with these conditions may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Approved
Final Review	Other (EHP)	National Historic Preservation Act (NHPA)	NHPA CONDITION: Construction vehicles and equipment will be stored onsite during the project or at existing access points within the applicant's right-of-way.	No	Approved
Final Review	Other (EHP)	National Historic Preservation Act (NHPA)	NHPA CONDITION: If human remains or intact archaeological deposits are uncovered, work in the vicinity of the discovery will stop immediately and all reasonable measures to avoid or minimize harm to the finds will be taken. The applicant will assure that archaeological discoveries are secured in place, that access to the sensitive area is restricted, and that all reasonable measures are taken to avoid further disturbance of the discoveries. The applicant's contractor will provide immediate notice of such discoveries to the applicant. The applicant will contact the Florida Division of Historical Resources and FEMA within 24 hours of the discovery. Work in the vicinity of the discovery may not resume until FEMA has completed consultation with the State Historic Preservation Office, tribes, and other consulting parties as necessary. If unmarked human remains are encountered during permitted activities, all work will stop immediately, and the proper authorities will be notified in accordance with Florida Statutes, Section 872.05.	No	Approved

ST. JOHNS (COUNTY) : PA-04-FL-4337-PW-02743

Conditions Information

Final Review	Other (EHP)	Endangered Species Act (ESA)	ESA CONDITION: The subgrantee is responsible for compliance and documentation of all Conservation Measures as outlined in the attached USFWS Biological Opinion, dated 04/03/2008, Service Activity #:41910-2007-F-0430. The subgrantee is also responsible to obtain any permits that may be required by the FDEP Bureau of Beaches and Coastal Systems. Failure to comply with these conditions may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Approved
Final Review	Program Conditions (Program Specific)	Standard Conditions Cont.	UNIFORM ADMINISTRATIVE REQUIREMENTS, COST PRINCIPLES, AND AUDIT REQUIREMENTS REQUIRED The Uniform Administrative Requirements, Cost Principles, and Audit Requirements set forth at 2 C.F.R. pt. 200 apply to this project award under the Public Assistance grant, which flow down from the Recipient to all subrecipients unless a particular section of 2 C.F.R. pt. 200, the FEMA-State Agreement, or the terms and conditions of this project award indicate otherwise. See 2 C.F.R. §§ 200.101 and 110. CHANGES IN SCOPE OF WORK REQUIRED The applicant must submit a written request through the Recipient to FEMA before it makes a change to the approved scope of work in this project. If the applicant commences work associated with a change before FEMA approves the change, it will jeopardize financial assistance for this project. See FEMA Policy No. 104-009-2, Public Assistance Program and Policy Guide.	No	Approved
Final Review	Other (EHP)	Clean Water Act (CWA)	CWA CONDITION: The subgrantee is responsible for coordinating with and obtaining any required Section 404 permit(s) from the United States Army Corps of Engineers (USACE) and 401 permit(s) from the responsible state or tribal agency prior to initiating work. The subgrantee shall comply with all conditions and pre-construction notification requirements of the required permit(s), including any applicable regional conditions. All coordination pertaining to these activities or compliance with applicable permits must be documented and maintained in the subgrantee's permanent files. Copies must be forwarded to the Recipient (state or tribal EMA) and FEMA as part of the permanent project file. Failure to comply with this requirement may jeopardize receipt of federal funds.	No	Approved
Final Review	Other (EHP)	National Historic Preservation Act (NHPA)	NHPA CONDITION: Prior to conducting repairs, applicant must identify the source and location of fill material and provide this information to FDEM and FEMA. If the borrow pit is privately owned, or is located on previously undisturbed land, or if the fill is obtained by the horizontal expansion of a pre-existing borrow pit, FEMA consultation with the State Historic Preservation Officer will be required. Failure to comply with this condition may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Approved

ST. JOHNS (COUNTY) : PA-04-FL-4337-PW-02743

Conditions Information

EHP Review	Other (EHP)	Standard Condition #3	If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.	No	Recommended
EHP Review	Other (EHP)	Standard Condition #2	This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.	No	Recommended
EHP Review	Other (EHP)	Standard Condition #1	Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.	No	Recommended
EHP Review	Other (EHP)	National Historic Preservation Act (NHPA)	NHPA CONDITION: Any changes to the approved scope of work will require submission to, evaluation, and approval by the State of Florida and FEMA prior to initiation of any work, for compliance with Section 106 of the NHPA.	No	Recommended
EHP Review	Other (EHP)	National Historic Preservation Act (NHPA)	NHPA CONDITION: Prior to conducting repairs, applicant must identify the source and location of fill material and provide this information to FDEM and FEMA. If the borrow pit is privately owned, or is located on previously undisturbed land, or if the fill is obtained by the horizontal expansion of a pre-existing borrow pit, FEMA consultation with the State Historic Preservation Officer will be required. Failure to comply with this condition may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Recommended
EHP Review	Other (EHP)	National Historic Preservation Act (NHPA)	NHPA CONDITION: Construction vehicles and equipment will be stored onsite during the project or at existing access points within the applicant's right-of-way.	No	Recommended
EHP Review	Other (EHP)	National Historic Preservation Act (NHPA)	NHPA CONDITION: If human remains or intact archaeological deposits are uncovered, work in the vicinity of the discovery will stop immediately and all reasonable measures to avoid or minimize harm to the finds will be taken. The applicant will assure that archaeological discoveries are secured in place, that access to the sensitive area is restricted, and that all reasonable measures are taken to avoid further disturbance of the discoveries. The applicant's contractor will provide immediate notice of such discoveries to the applicant. The applicant will contact the Florida Division of Historical Resources and FEMA within 24 hours of the discovery. Work in the vicinity of the discovery may not resume until FEMA has completed consultation with the State Historic Preservation Office, tribes, and other consulting parties as necessary. If unmarked human remains are encountered during permitted activities, all work will stop immediately, and the proper authorities will be notified in accordance with Florida Statutes, Section 872.05.	No	Recommended

ST. JOHNS (COUNTY) : PA-04-FL-4337-PW-02743

Conditions Information

EHP Review	Other (EHP)	Endangered Species Act (ESA)	ESA CONDITION: The subgrantee is responsible for compliance and documentation of all Conservation Measures as outlined in the attached USFWS Biological Opinion, dated 04/03/2008, Service Activity #:41910-2007-F-0430. The subgrantee is also responsible to obtain any permits that may be required by the FDEP Bureau of Beaches and Coastal Systems. Failure to comply with these conditions may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Recommended
EHP Review	Other (EHP)	Clean Water Act (CWA)	CWA CONDITION: The subgrantee is responsible for coordinating with and obtaining any required Section 404 permit(s) from the United States Army Corps of Engineers (USACE) and 401 permit(s) from the responsible state or tribal agency prior to initiating work. The subgrantee shall comply with all conditions and pre-construction notification requirements of the required permit(s), including any applicable regional conditions. All coordination pertaining to these activities or compliance with applicable permits must be documented and maintained in the subgrantee's permanent files. Copies must be forwarded to the Recipient (state or tribal EMA) and FEMA as part of the permanent project file. Failure to comply with this requirement may jeopardize receipt of federal funds.	No	Recommended
EHP Review	Other (EHP)	Coastal Zone Management Act (CZMA)	CZMA CONDITION: The subgrantee is responsible for coordinating with and obtaining any required permit(s) from FDEP Bureau of Beaches and Coastal Systems. Subgrantee must obtain a Joint Coastal Permit (JCP) permit prior to initiating work or verification that no permit was required. The subgrantee shall comply with all conditions of the required permit. All coordination pertaining to these activities should be documented and compliance maintained in their permanent files. Best Management Practice's (BMP's) should be followed. Failure to comply with these conditions may jeopardize FEMA funding; verification of compliance will be required at project closeout.	No	Recommended
Insurance Review	Conditions (Grant Specific)	Insurance	No insurance requirements are mandated for work listed in this project (Category B- Obtain and Maintain requirement does not pertain to Stafford Act (Sec. 403) Essential Assistance). Insurance requirements are specific to permanent work to replace, restore, repair, reconstruct, or construct buildings, contents, equipment, and vehicles (FEMA Recovery Policy FP 206-086-1). Paul Criste, PA Insurance Specialist, CRC Winchester Va.	No	Recommended
Initial Review	Program Conditions (Program Specific)	Standard Conditions	RECORD RETENTION/DOCUMENTATION REQUIRED As described in 2 CFR, Part 200 § 200.333, financial records, supporting documents, statistical records and all other non-Federal entity records pertinent to a Federal award must be retained for a period of three (3) years from the date of submission of the final expenditure report or, for Federal awards that are renewed quarterly or annually, from the date of the submission of the quarterly or annual financial report, respectively, as reported to the Federal awarding agency or pass-through entity in the case of a sub-recipient.	No	Recommended

		ST. JOHNS (COUNTY) : PA-04-FL-4337-PW-02743		
			Conditions Information	
			<p>Federal awarding agencies and pass-through entities must not impose any other record retention requirements upon non-Federal entities. Exceptions, Part 200.333, (a) – (f), (1), (2). All records relative to this Project Worksheet are subject to examination and audit by the State, FEMA and the Comptroller General of the United States and must reflect work related to disaster-specific costs. PROCUREMENT In the seeking of proposals and letting of contracts for eligible work, the Applicant/Subrecipient must comply with its Local, State (provided that the procurements conform to applicable Federal law) and Federal procurement laws, regulations, and procedures as required by FEMA Policy 2 CFR Part 200, Procurement Standards, §§ 317-326. Direct Administrative Costs (DAC) Alternative Procedures The Applicant has elected to participate in the Public Assistance Alternative Procedures for Direct Administrative Costs described in the FEMA Recovery Policy dated June 12, 2018. In accordance with the policy, all Direct Administrative Costs (DAC) for the sub-recipient will be awarded on a single consolidated DAC Project for that sub-recipient. The sub-recipient may not claim DAC on individual projects. LARGE PROJECTS The Recipient must submit its certification of the applicant's completion of this project, the final claim for payment, and supporting documentation within 180 days from the date that the applicant completes the scope of work. Project Worksheets written as large projects (costs above the large project threshold) are reimbursed based on the actual eligible final project costs. Therefore, during the final project reconciliation (closeout), the project may be amended to reflect the reconciliation of actual eligible costs. FEMA-STATE AGREEMENT REQUIRED The terms of the FEMA-State Agreement are incorporated by reference into this project award under the Public Assistance grant and the applicant must comply with all applicable laws, regulations, policy, and guidance. This includes, among others, the Robert T. Stafford Disaster Relief and Emergency Assistance Act; Title 44 of the Code of Federal Regulations; FEMA Policy No. 104-009-2, Public Assistance Policy and Program Guide; and other FEMA policy and guidance. DHS STANDARD TERMS AND CONDITIONS REQUIRED The DHS Standard Terms and Conditions in effect as of the date of the declaration of this major disaster are incorporated by reference into this project award under the Public Assistance grant, which flow down from the Recipient to subrecipients unless a particular term or condition indicates otherwise. UNIFORM ADMINISTRATIVE REQUIREMENTS, COST PRINCIPLES, AND AUDIT REQUIREMENTS REQUIRED The Uniform Administrative Requirements, Cost Principles, and Audit Requirements set forth at 2 C.F.R. pt. 200 apply to this project award under the Public Assistance grant, which flow down from the Recipient to all subrecipients unless a particular section of 2 C.F.R. pt. 200, the FEMA-State Agreement, or the terms and conditions of this</p>	

		ST. JOHNS (COUNTY) : PA-04-FL-4337-PW-02743		
			Conditions Information	
			project award indicate otherwise. See 2 C.F.R. §§ 200.101 and 110.	
Initial Review	Program Conditions (Program Specific)	Standard Conditions	SUBGRANT CONDITIONS CONTINUED: CHANGES IN SCOPE OF WORK REQUIRED The applicant must submit a written request through the Recipient to FEMA before it makes a change to the approved scope of work in this project. If the applicant commences work associated with a change before FEMA approves the change, it will jeopardize financial assistance for this project. See FEMA Policy No. 104-009-2, Public Assistance Program and Policy Guide.	No Recommended

Internal Comments				
No.	Queue	User	Date/Time	Reviewer Comments
12	Final Review	SHANHOLTZ MICHELE	02-05-2021 12:34 PM GMT	02/20/2020 - The County has requested FEMA PA support in the form of reimbursement of its project costs for construction of emergency sand berms, estimated to be \$16,519,928.00. As the County has failed to comply with Federally mandated project deadlines, FEMA may not provide assistance for this project and the request is denied entirely. - Aaron La Chapelle
11	Final Review	JONES CHRISTY	02-04-2021 05:26 PM GMT	02/20/2020 - The County has requested FEMA PA support in the form of reimbursement of its project costs for construction of emergency sand berms, estimated to be \$16,519,928.00. As the County has failed to comply with Federally mandated project deadlines, FEMA may not provide assistance for this project and the request is denied entirely. - Aaron La Chapelle
10	Final Review	JONES CHRISTY	03-11-2020 01:19 PM GMT	02/20/2020 - The County has requested FEMA PA support in the form of reimbursement of its project costs for construction of emergency sand berms, estimated to be \$16,519,928.00. As the County has failed to comply with Federally mandated project deadlines, FEMA may not provide assistance for this project and the request is denied entirely. - Aaron La Chapelle
9	Final Review	GILLMAN ANGELA	03-03-2020 12:17 PM GMT	02/20/2020 - The County has requested FEMA PA support in the form of reimbursement of its project costs for construction of emergency sand berms, estimated to be \$16,519,928.00. As the County has failed to comply with Federally mandated project deadlines, FEMA may not provide assistance for this project and the request is denied entirely. - Aaron La Chapelle
8	Final Review	LACHAPELLE AARON	02-20-2020 01:54 PM GMT	02/20/2020 - The County has requested FEMA PA support in the form of reimbursement of its project costs for construction of emergency sand berms, estimated to be \$16,519,928.00. As the County has failed to comply with Federally mandated project deadlines, FEMA may not provide assistance for this project and the request is denied entirely. - Aaron La Chapelle
7	Final Review	LACHAPELLE AARON	02-20-2020 12:24 PM GMT	02/20/2020 - The County has requested FEMA PA support in the form of reimbursement of its project costs for construction of emergency sand berms, estimated to be \$16,519,928.00. As the County has failed to comply with Federally mandated project deadlines, FEMA may not provide assistance for this project and the request is denied entirely. - Aaron La Chapelle
6	Final Review	LACHAPELLE AARON	02-20-2020 12:23 PM GMT	02/20/2020 - The County has requested FEMA PA support in the form of reimbursement of its project costs for construction of emergency sand berms, estimated to be \$16,519,928.00. As the County has failed to comply with Federally mandated project deadlines, FEMA may not provide assistance for this project and the request is denied entirely. - Aaron La Chapelle
5	Final Review	GREEN ANGELA	02-06-2020 12:25 PM GMT	PW-02743(0) - Reviewed by DIU in Final, ready for final review by JFO. CJO 11-22-2019 Project deemed ineligible. AGillman

Internal Comments

No.	Queue	User	Date/Time	Reviewer Comments
4	Final Review	O NEAL CARLA	11-22-2019 05:24 PM GMT	PW-02743(0) - Reviewed by DIU in Final, ready for final review by JFO. CJO 11-22-2019
3	Grantee Review	Jones Christy	11-12-2019 01:01 PM GMT	The Grantee/Recipient signs the project in Grants Portal. A print out with the Grantee/Recipient signature will be attached in EMMIE prior to Awards. EMMIE Grantee Review is no longer required since the Recipient signs in Grants Portal.
2	EHP Review	HYATT LARISSA	11-08-2019 05:07 PM GMT	<p>SOW: St. Johns (County), (county-wide), Category B, 0% Complete, Total Cost: \$16,519,928.00, Applicant will install emergency beach berms along a total of nine (9) beach reaches, spanning approximately 30.6 miles within a 41.5-mile stretch of coastline, by placing approximately 471,036 CY of beach-compatible sand from upland sources between FDEP reference monuments R-1 (30.252931, -81.380869) on the north end and R-209 (29.672008, -81.214031) on the south end. The Applicant intends to complete the sand replacement in conjunction with sand loss from DR-4283-FL, Hurricane Matthew. - acalhou2 - 11/08/2019 14:44:51 GMT</p> <p>CBRA: Per consultation with USFWS conducted on 01/04/2019. USFWS concurrence with this determination was received, dated 02/04/2019. See attached correspondence. - acalhou2 - 11/08/2019 15:13:12 GMT</p> <p>CWA: SEE CONDITIONS. - acalhou2 - 11/08/2019 15:14:34 GMT</p> <p>CZMA: Consistency review by Florida Clearinghouse completed on September 6, 2019. SEE CONDITION. - acalhou2 - 11/08/2019 15:15:04 GMT</p> <p>EO 11990: A review of the National Wetland Inventory (NWI) online mapper, accessed on 12/29/2018, indicates that portions of the project may be located within a designated wetland. 8-Step completed as part of the EO 11988 review. - acalhou2 - 11/08/2019 15:22:51 GMT</p> <p>ESA: Per USFWS PBO dated 04/03/2008 regarding beach berms, the proposed project falls under Conservation Measures. SEE CONDITIONS. - acalhou2 - 11/08/2019 15:08:46 GMT</p> <p>MBTA: Per attached BO (ESA), the applicant is required to comply with FL Fish and Wildlife Commissions Nesting Bird Guidelines. Applicant permitting also includes monitoring, reporting, and conservation requirements for birds. - acalhou2 - 11/08/2019 15:18:13 GMT</p> <p>MSA: No hardbottom or submerged aquatic vegetation present in project area. - acalhou2 - 11/08/2019 15:18:28 GMT</p> <p>Please correct NHPA and ESA buttons</p> <p>EO 11988: The project is located in a Zone VE per St. Johns County FIRM Panel # 12109C0019J, 12109C0082J, 12109C0101J, 12109C0103J, 12109C0111J, 12109C0113J, 12109C0204J, 12109C0212J, 12109C0214J, 12109C0302J, 12109C0306J, 12109C0308J, 12109C0316J, 12109C0384J, 12109C0392J, 12109C0394J, 12109C0413J, 12109C0501J, 12109C0503J, 12109C0511J, and 12109C0512J, dated 12/07/2018. See 8-step checklist attached. - acalhou2 - 11/08/2019 15:18:58 GMT</p> <p>NHPA: FEMA has determined that there will be No Adverse Effect to historic properties. SHPO concurrence with this determination was received, dated 05/21/2019. SEE CONDITIONS. - acalhou2 - 11/08/2019 15:07:16 GMT</p>

Internal Comments

No.	Queue	User	Date/Time	Reviewer Comments
1	Insurance Review	CRISTE PAUL	08-03-2018 06:55 PM GMT	<p>8/3/2018, PW-02743(0), DR-4337 FL – Applicant St. Johns County provided a renewal of commercial property policy issued by IRONSHORE SPECIALTY INSURANCE COMPANY policy number 001964003 building and contents Limit of Insurance \$5,000,000 part of \$10,000,000 Primary - Effective: April 01, 2017 to April 01, 2018 subject to basic deductible of \$25,000 and named storm deductible 2% with Minimum \$100,000</p> <p>Emergency Protective Measures are typically not covered by insurance. No duplication of benefits from insurance is anticipated for the work described in this application No insurance reduction taken at this time.</p> <p>FEMA requires the Applicant to take reasonable efforts to pursue claims to recover insurance proceeds that it is entitled to receive from its insurer(s). In the event that any insurance proceeds are received for these expenses those proceeds must be reduced from FEMA Public Assistance funding to ensure no duplication of benefits has occurred.</p> <p>In the event any part or all costs are paid by an insurance policy, a duplication of benefits from insurance will occur. Applicant must notify grantee and FEMA of such recoveries and the Sub-Grant amount must be reduced by actual insurance proceeds.</p> <p>REPETITIVE DAMAGES No previous disaster requirements were found.</p>

Go Back



FEMA

February 24, 2021

Mr. Jared Moskowitz
Director
Florida Division of Emergency Management
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100

Mr. Joseph Giammanco
Disaster Recovery Grant Director
St. Johns County
500 San Sebastian View
St. Augustine, Florida 32084

Reference: FEMA-4337-DR-FL
St. Johns County
PA ID: 109-99109-00
First Appeal, Grants Manager Project 26097/Project Worksheet 2743

Dear Mr. Moskowitz and Mr. Giammanco:

This is in response to a letter from the Florida Division of Emergency Management (Recipient) dated May 26, 2020, which transmitted the referenced first appeal on behalf of St. Johns County (Subrecipient). The Subrecipient is appealing the U.S. Department of Homeland Security's Federal Emergency Management Agency's (FEMA) decision to deny \$16,519,928.00 in Public Assistance (PA) funding on Grants Manager Project (GMP) 26097 for the construction of emergency sand berms on beaches impacted by Hurricane Irma. The appeal is conditionally granted as explained below and in the enclosed analysis.

Background

St. Johns County (Subrecipient) sustained natural beach and dune erosion as a result of Hurricane Irma, declared September 10, 2017, resulting in widespread flooding in adjacent neighborhoods. The erosion and subsequent flooding occurred from monument markers R-1 to R-209, approximately 30.6 miles within a 41.5 mile stretch of coastline, situated east of State Road A1A—the same areas previously affected by erosion as a result of Hurricane Matthew, declared October 8, 2016. Following Hurricane Matthew, FEMA prepared a project to fund the construction of emergency sand berms along the affected beaches¹; however, the Subrecipient had not begun construction of those berms prior to Hurricane Irma's landfall. Following Hurricane Irma, FEMA prepared a separate project, GMP 26097, to provide additional funding in the amount of \$16,519,928.00 to bring the emergency sand berms initially approved as a result of Hurricane Matthew to a height that would protect the area against the threat of damage from a five-year flood event.

In a letter to the Recipient dated February 12, 2019,² the Subrecipient requested a time extension through December 31, 2021, to complete work associated with GMP 26097. The Subrecipient justified its request in stating that the project was complex and that it was unable to move

¹ See FEMA-4283-DR-FL, Project Worksheet 1061.

² Time Extension Request from Applicant Agent, St. Johns County, to FDEM (Feb. 12, 2019) [hereinafter *GMP 26097 Time Extension Request*].

forward pending the completion of an Environmental Assessment (EA). As of this date, the Recipient has not formally responded to the Subrecipient's time extension request purportedly because GMP 26097 has not been approved and obligated by FEMA. However, it is noted that the full time extension requested exceeds Recipient's regulatory granting authority under Title 44 of the Code of Federal Regulations (44 C.F.R.) § 206.204(c)(ii), and the Recipient has not forwarded the request to FEMA in accordance with § 206.204(d).

In a Determination Memorandum (DM) dated January 23, 2020,³ FEMA denied GMP 26097 because Federal regulations and FEMA policies mandate that Public Assistance (PA) projects are completed within specific deadlines, subject to approved extensions, in order to receive funding for eligible work. FEMA noted that the Subrecipient had not requested a deadline extension until February 12, 2019; nearly 18 months after the disaster declaration, nor had it provided sufficient justification to substantiate the delay.⁴ Moreover, FEMA found that the Subrecipient had taken no action to construct the emergency berms in order to eliminate or lessen the threat of future damages more than three years after the major disaster declaration. Accordingly, FEMA denied GMP 26097, removing a total of \$16,519,928.00 in PA funding. The Subrecipient viewed the DM in Grants Manager on February 20, 2020.⁵

First Appeal

On March 20, 2020, the Subrecipient submitted a first appeal of GMP 26097 to the Florida Division of Emergency Management (Recipient)⁶ asserting that: 1) it was not possible to request an extension prior to the project's obligation, pursuant to guidance provided in a Recipient memorandum; and 2) completion of the scope of work was delayed due to its size, complexity, and scope, and to the Environmental Planning and Historic Preservation (EHP) review process.⁷ The Recipient forwarded the Subrecipient's first appeal to FEMA, with a letter of recommendation on May 26, 2020.⁸ In its transmittal letter, the Recipient reiterates that its memorandum advised subrecipients that time extension requests could only be made for an approved, obligated project.

Discussion

Time Extension

Generally, subrecipients have six months from the date of declaration of the disaster to complete emergency work.⁹ A recipient may extend the deadline by an additional six months based on extenuating circumstances or unusual project requirements beyond the control of the

³ Determination Memorandum from Public Assistance (PA) Management, Region IV, FEMA, to St. Johns County (Jan. 23, 2020).

⁴ *Id.*

⁵ Read Receipt located in Grants Manager (Feb. 20, 2020).

⁶ First Appeal Letter from Applicant Agent, St. Johns County, to Executive Director, Florida Division of Emergency Management (FDEM) (Jan. 30, 2020) [hereinafter *Subrecipient's First Appeal Letter*]; Covid-19 Memorandum from Assistant Administrator, FEMA (Mar. 30, 2020).

⁷ *Id.*, at 3.

⁸ Recipient Letter from Executive Director, FDEM, to Regional Administrator, Region IV, FEMA (May 26, 2020).

⁹ Title 44 of the Code of Federal Regulations (44 C.F.R.) § 206.204(c)(1) (2016).

subrecipient.¹⁰ A request for a time extension beyond a recipient's authority must be submitted to the Regional Administrator and include a detailed justification for the delay and a projected completion date.¹¹

On February 26, 2018, the Recipient issued a memorandum informing all subrecipients that time extension requests without corresponding obligated projects could not be approved and that, only upon project obligation, would the Recipient work with the subrecipient on the official time extension request.¹² As a result, the Subrecipient did not submit a time extension request for GMP 26097 to the Recipient until February 12, 2019. Thereafter, the Subrecipient submitted two retroactive requests to address the six-month time periods between March 11 and September 11, 2018, and September 12, 2018, and February 11, 2019. The Subrecipient followed the guidance of the Recipient and understood that this request would not be processed as an "official request" until the project had been obligated.¹³ The Subrecipient made a good faith effort to submit its time extension requests within the presented guidelines; thus, the delayed submission is not of concern.

Extenuating Circumstances

Emergency work, such as the construction of emergency beach berms, is that which must be done immediately to save lives; protect public health and safety; protect improved property; or eliminate or lessen an immediate threat of additional damage. As previously stated, subrecipients have six months from the date of declaration of the disaster to complete emergency work; however, the completion deadline may be extended if there are extenuating circumstances outside of the subrecipient's control. FEMA generally considers the following to be extenuating circumstances beyond a subrecipient's control: delays related to permitting or EHP compliance due to other agencies involved; and environmental limitations (such as a short construction window). Delays in permitting or EHP compliance is not considered an extenuating circumstance outside the subrecipient's control when caused by a subrecipient's delay in requesting permits.¹⁴ The onus rests with the Subrecipient to take necessary actions and precautions to perform emergency work when necessary, regardless of the availability of Federal funding.

On appeal, the Subrecipient states that all parties were aware that six months was not a realistic timeframe to complete the project and that delays were associated with the EHP process, which was not finalized until September 2019. Specifically, the Subrecipient indicates that delays were attributed to the development of the following: an EA; consultations with the State Historic Preservation Office (SHPO); analysis as required under the Coastal Barrier Resources Act (CBRA); and coordination/permits from the Florida Department of Environmental Protection (FDEP), U.S. Fish and Wildlife Service (USFWS), and the U.S. Army Corps of Engineers (USACE). The Subrecipient also points to complicating factors such as nesting habitats for

¹⁰ 44 C.F.R. § 206.204(c)(2)(ii).

¹¹ 44 C.F.R. § 206.204(d).

¹² Memorandum from Executive Director, FDEM (Feb. 26, 2018).

¹³ *Subrecipient's First Appeal Letter*, at 4.

¹⁴ *Public Assistance Program and Policy Guide*, FP 104-009-2, at 141-142 (Apr. 2018) [hereinafter *PAPPG*].

endangered species and identification of an environmentally acceptable upland sand source as additional delays.¹⁵

The EHP review process includes several expedited mechanisms for consideration of emergency and non-emergency projects. Notably, the Robert T. Stafford Disaster Relief and Emergency Assistance Act provides FEMA emergency exemptions under the National Environmental Policy Act (NEPA).¹⁶ In this case, the emergency beach berms could have been statutorily excluded from NEPA review and EHP could have conducted an expedited review within the initial six-month timeframe after the declaration. However, due to the duration of time that passed from the date of declaration to the initiation of the NEPA process, FEMA EHP could no longer statutorily exclude the project from NEPA. The Subrecipient's delay in constructing the sand berms effectively negated the categorization of GMP 26097 as emergency work; therefore, requiring an EA to comply with NEPA requirements.¹⁷ Likewise, the Subrecipient and FEMA EHP could no longer utilize many other expedited review procedures that would have been available if the emergency work began within the first six months as intended, including:

- USACE issued alternative procedures in response to Hurricane Irma to expedite projects for a period of six months after the date of the notice, or March 7, 2018.¹⁸ These procedures would allow for a 24-48 hour turnaround on permit decisions;¹⁹ thus, USACE could have expedited permitting for this project had it been initiated within the six-month timeframe.
- FDEP issued guidance after Hurricane Irma for emergency authorizations required to address the need for immediate action.²⁰ This guidance authorizes sand placement and the restoration of a damaged dune system, if completed prior to October 4, 2018.²¹
- USFWS has a programmatic Biological Opinion (BO)²² which specifically addresses emergency berm repair along the Florida coast and outlines prior consultation with FEMA addressing how projects should be implemented to protect endangered species, resulting in a significant time savings compared to starting a new consultation. Upon request by the Subrecipient, FEMA initiated further consultation with USFWS to modify

¹⁵ *Subrecipient's First Appeal Letter*, at 4.

¹⁶ The Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988, Pub. L. No. 93-288, § 102, 42 U.S.C. § 5122 (2013); Section 316 (42 U.S.C. 5159); Council on Environmental Quality (CEQ) Fact Sheet: *The Stafford Act and its relation to the National Environmental Policy Act*.

¹⁷ Environmental Assessment (EA), St. Johns County Emergency Beach Berms, FEMA-DR-4283-FL, FEMA-DR-4337-FL (Sept. 2019); The National Environmental Policy Act (NEPA) § 101 – 102, 42 U.S.C. §§ 4331 – 4332 (2012); Department of Homeland Security, *Instruction Manual 023-01-001-01, Revision 01, Implementation of NEPA, Categorical Exclusions and Extraordinary Circumstances*, V-3 (Nov. 6, 2014); There was missing project information from the Subrecipient during the timeframe the EA was being developed; therefore, EHP conditioned the project to apply for permits as appropriate.

¹⁸ USACE Public Notice, *Alternative Permit Application Processing Procedures for Activities in Response to Hurricane Irma* (Sept. 7, 2017).

¹⁹ *Id.*

²⁰ FDEP (Seventh) Eighth Amended and Restated Emergency Final Order: *Emergency Authorization for Repairs, Replacement, Restoration, and Certain Other Measures Made Necessary by Hurricane Irma*, OGC No. 17-0989 (Feb. 27, 2018).

²¹ *Id.*, Section C.3.a.(3), at 22 (regarding restoration of a damaged dune system).

²² *FEMA Emergency Berm Repair for the Florida Coast*, BO prepared by USFWS (Apr. 3, 2008).

conditions in the BO to be less stringent and in line with other BOs issued in recent years. This consultation was completed in under 6 months.²³ Lastly, turtle nesting season is between May – October and is almost entirely outside of the initial six-month timeframe that construction could have occurred without risk to endangered species.

- The Florida SHPO has a Programmatic Agreement²⁴ in place with FEMA which allows for expedited review procedures. FEMA may conduct expedited reviews of emergency undertakings for 30 days from the beginning of the incident period and, as necessary, this timeframe can be extended in 30-day increments. This allows for a potential three-day turnaround on emergency projects that would need consultation with the SHPO and participating Tribes.²⁵ In this case, FEMA did conduct an emergency consultation with the SHPO and while the construction of new beach berms has the potential to affect historic properties, the SHPO concurred that FEMA has the authority to determine whether the projects qualify under Title 36 of the Code of Federal Regulations § 800.12, *Emergency Situations*,²⁶ and would be exempt from further review under Section 106 of the National Historic Preservation Act (NHPA).²⁷ However, because the Subrecipient had not begun work to construct the emergency berms, FEMA determined that the work could no longer be considered an emergency action exempt from Section 106 review and was, instead, required to use standard review timeframes for consultation. Still, this consultation was completed in under six months.²⁸
- FEMA’s analysis involving CBRA received concurrence from the USFWS 30 days after consultation was provided. Thus, consultation can be completed in under six months.²⁹
- The Unified Federal Review (UFR) process encourages unique approaches to EHP review and, if the Subrecipient had independently completed its own EHP review, FEMA could have ensured that it complied with agency standards and adopted it.³⁰ Thus, the Subrecipient could have initiated its own EHP review early during project formation.

Conclusion

²³ ESA Consultation Letter from Environmental Advisor, FEMA, to USFWS (June 26, 2019); Concurrence Email from USFWS, to Environmental Advisor, FEMA (Sept. 17, 2019, 1511 EST).

²⁴ *National Historic Preservation Act (NHPA) Programmatic Agreement Among FEMA, Florida SHPO, FDEM, Alabama Coushatta Tribe of Texas, Choctaw Nation of Oklahoma, Mississippi of Choctaw Indians, and the Advisory Council on Historic Preservation (ACHP)* (July 16, 2014).

²⁵ *Id.*, I.E.2; II.B.1(a)(b).

²⁶ NHPA, 36 C.F.R. § 800.12, *Emergency Situations*, applies to provisions II.B, *Expedited Review for Emergency Undertakings in the PA*, at 12.

²⁷ Email from Compliance Reviewer, SHPO, to Environmental Advisor, FEMA, regarding emergency consultation under Section 106 of the NHPA (Sept. 6, 2017, 1725 EST).

²⁸ NHPA Consultation Letters from Environmental Advisor, FEMA, to Executive Director, SHPO (Jan. 29, 2019) (Apr. 16, 2019); SHPO Concurrence Letter from Executive Director, SHPO, to Environmental Advisor, FEMA (May 21, 2019).

²⁹ CBRA Consultation Letter from Environmental Advisor, FEMA, to USFWS (Jan.4, 2019); Concurrence received from Field Supervisor, USFWS (Feb.4, 2019).

³⁰ Unified Federal Environmental and Historic Preservation Review Library, <https://www.fema.gov/emergency-managers/practitioners/environmental-historic/review/library> (last visited Nov. 24, 2020).

It is evident that the Subrecipient awaited the completion of the full EHP review and permitting process (finalized in September 2019) rather than proceeding immediately following the disaster declaration to protect the immediate area by constructing emergency beach berms; that said, the Subrecipient has had four months since the completion of the EHP process to proceed with the emergency berm work in good faith, and has provided no request nor justification for a time extension beyond December 31, 2021, as requested in its latest time extension request. Accordingly, FEMA will allow a time extension through December 31, 2021; however, it should be noted that a significant amount of time has elapsed from the damage sustained during Hurricane Matthew and the subsequent damage sustained during Hurricane Irma. The current state of the beach's profile is unclear; therefore, this appeal is conditionally granted based on the premise that costs may only be reimbursed on GMP 26097 upon the Subrecipient's compliance with the following conditions:

- 1) Actual project costs for all emergency berms constructed in relation to Hurricane Matthew and Hurricane Irma will be accrued and divided by the total quantity of sand actually placed (in cubic yards) to result in an all-inclusive cost per cubic yard. This cost per cubic yard shall be multiplied by the eligible quantity of sand for each disaster and invoiced accordingly;³¹
- 2) All work from Hurricane Matthew and Hurricane Irma must be completed in conjunction to reduce environmental impacts;
- 3) All conditions outlined in the attached Finding of No Significant Impact (FONSI) are followed; and,
- 4) Subrecipient must justify any future time extensions in accordance with the requirements of 44 C.F.R. § 206.204(d) and such time extension requests must be based upon extenuating circumstances or unusual project requirements beyond the control of the Subrecipient.

This letter constitutes the official notification of this determination to the Subrecipient. If you have questions or need additional information, please contact Mr. Terry L. Quarles, CEM, Director, Recovery Division, at (770) 220-5300.

Sincerely,



For: Gracia B. Szczech
Regional Administrator

Enclosures:

FEMA-4337-DR-FL, *St. Johns County*, GMP 26097, Finding of No Significant Impact (FONSI)
Administrative Record Index

³¹ E.g., Total sand placement cost (for both Hurricane Matthew and Hurricane Irma) / Cubic Yards Placed = Cost/CY; Cost invoiced to GMP 26097 = Eligible Cubic Yards for GMP 26097 x Cost/CY. Please contact the FEMA Region IV Public Assistance Branch for additional explanation.

ADMINISTRATIVE RECORD INDEX
 FEMA-4337-DR-FL
 St. Johns County, PA ID: 109-99109-00
 Grants Manager Project 26097/Project Worksheet 2743

Doc #	No. of Pages	GMP	Document Date	Document Type	From	To	Document Description/ Subject
1	2	26097	05/26/20	Letter	Recipient	FEMA	1 st Appeal
2	5	26097	03/20/20	Letter	Subrecipient	Recipient	1 st Appeal
3	10	26097	01/23/20	Letter	FEMA	Subrecipient	Determination Memorandum
4	11	26097	11/14/19	Project Information	FEMA	N/A	Appeal Attachment #1 Damage, Descriptions, and Dimensions
5	2	26097	02/26/18	Memorandum	Recipient	N/A	Appeal Attachment #2 Time Extensions
6	4	26097	02/12/19	Letter	Subrecipient	Recipient	Appeal Attachment #3 Extension Requests
7	2	26097	03/17/20	Letter	Subrecipient	Recipient	Appeal Attachment #3 Retroactive Extension Request
8	2	26097	03/18/20	Letter	Subrecipient	Recipient	Appeal Attachment #3 Retroactive Extension Request
9	2	26097	Various	Spreadsheet	FEMA	N/A	Appeal Attachment #4 Beach Process Status History
10	3	26097	Various	Spreadsheet	FEMA	N/A	Appeal Attachment #5 Project Comments
11	9	26097	Various	Emails	Various	Various	Appeal Attachment #6 Glassen Email Chain
12	36	26097	03/29/07	Ordinance	Subrecipient	N/A	Appeal Attachment #7 Beach Code 2007-19
13	118	26097	01/2004	Manual	Subrecipient	N/A	Appeal Attachment #8 Beach Management Plan

Doc #	No. of Pages	GMP	Document Date	Document Type	From	To	Document Description/ Subject
14	7	26097	04/04/17	Land Development Code	Subrecipient	N/A	Appeal Attachment #9 Sec. 4.01.08 Environmentally Sensitive Areas
15	4	26097	2025	Comprehensive Coastal Management Plan	Subrecipient	N/A	Appeal Attachment #10 Objective E.1.3 Post Disaster Planning
16	137	26097	08/18/03	Manual	Subrecipient	USFWS	Appeal Attachment #11 Habitat Conservation Plan
17	19	26097	08/10/06	Permit	USFWS	Subrecipient	Appeal Attachment #12 Accidental Take Permit
18	47	26097	2019	Florida Statutes	N/A	N/A	Appeal Attachment #13 Ch. 161 Beach and Shore Preservation
19	4	26097	05/09/17	Memorandum	Subrecipient	Subrecipient	Appeal Attachment #14 Beach Restoration: Legal Considerations
20	1	26097	03/30/20	Memorandum	FEMA	N/A	Appeal Attachment #15 Covid-19 Deadline Extension
21	1	1061	04/14/20	Letter	Recipient	FEMA	File Attachment: Time Extension Request
22	2	1061	04/01/20	Letter	Subrecipient	Recipient	File Attachment: Time Extension Request
23	4	1061	05/23/17	Letter	Subrecipient	Recipient	File Attachment: Time Extension Request
24	227	26097/1061	04/03/08	Biological Opinion	USFWS	FEMA	File Attachment: Emergency Berm Repair
25	22	26097	09/07/17	Public Notice	USACE	N/A	File Attachment: Alternative Permit Process for Hurricane Irma
26	41	26097	02/27/18	Emergency Order	FDEP	N/A	File Attachment: 8 th Emergency Authorization

Doc #	No. of Pages	GMP/PW	Document Date	Document Type	From	To	Document Description/ Subject
27	30	26097	09/2019	Environmental Assessment	FEMA	N/A	File Attachment: Emergency Beach Berms DR-4283-FL, DR-4337-FL
28	51	26097/1061	09/10/14	Programmatic Agreement	Various	N/A	File Attachment: Historic Preservation FL Statewide PA
29	1	26097	09/06/17	Email	SHPO	FEMA	File Attachment: Emergency Beach Berm Consultation
30	10	26097/1061	01/04/19	Letter	FEMA	USFWS	File Attachment: CBRA Consultation
31	18	26097/1061	01/29/19	Letter	FEMA	SHPO	File Attachment: NHPA Consultation
32	1	26097/1061	02/27/19	Email	SHPO	FEMA	File Attachment: NHPA Consultation Questions
33	20	26097/1061	04/16/19	Letter	FEMA	SHPO	File Attachment: Follow up NHPA Consultation
34	1	26097/1061	05/21/19	Letter	SHPO	FEMA	File Attachment: NHPA Consultation Concurrence
35	3	26097/1061	06/26/19	Letter	FEMA	USFWS	File Attachment: ESA Consultation
36	4	26097/1061	09/17/19	Email	USFWS	FEMA	File Attachment: ESA Consultation Concurrence
37	N/A	26097/1061	10/15/66	Law	ACHP	N/A	NHPA, 36 CFR § 800.12, Emergency Situations
39	91	26097/1061	11/06/14	Directive and Instruction Manual	DHS/FEMA	N/A	File Attachment: Implementation of NEPA
40	10	26097/1061	N/A	Fact Sheet	CEQ	N/A	File Attachment: The Stafford Act and its relation to NEPA
End of Record							



U.S. Department of Homeland Security
3005 Chamblee-Tucker Rd
Atlanta, GA 30341

FEMA

June 25, 2021

Mr. Kevin Guthrie, Director
Florida Division of Emergency Management
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100

Reference: FEMA-4283-DR-FL
St. John's County, PA ID 109-99109-00
Time Extension Request
Project Worksheets 652, 653, and 1061
Disaster Grant Prime Award Extension

Dear Mr. Guthrie:

This is in response to your request for the Federal Emergency Management Agency (FEMA) to grant a time extension for three projects for St. John's County (Subrecipient) to complete work associated with Project Worksheets (PWs) 652, 653, and 1061 as a result of Hurricane Matthew. The request to extend was submitted as follows:

PW 652 – Summer Haven North – Extension through June 30, 2021

PW 653 – Summer Haven South – Extension through June 30, 2021

PW 1061 – Emergency Berms – Extension through June 30, 2022

These requests are outside of the State of Florida's (Recipient) authority to approve. Prior extensions have been approved by the Recipient.

The Subrecipient experienced delays as follows:

- PW 652 – Summer Haven North – delays were related to the completion of the FEMA environmental assessment as well as turtle nesting season between May – October each year. The PW was obligated January 27, 2020.

- PW 653 – Summer Haven South – delays were related to the completion of the FEMA environmental assessment as well as turtle nesting season between May – October each year. The PW was obligated on December 2, 2019.
- PW 1061 – Emergency Berms – delays were related to subsequent events such as Hurricane Irma impacted the Subrecipient as well as the challenges of turtle nesting season between May – October each year. COVID-19 also further delayed the bidding process. The PW was obligated April 7, 2020.

In accordance with Title 44 of the Code of Federal Regulations (C.F.R.) § 206.204, the FEMA Regional Administrator may grant time extensions to complete eligible work if based on extenuating circumstances or unusual project requirements beyond the control of the subgrantee. These regulations also require that the subgrantee provide a detailed justification for the delay.

Based on the information provided, the time extension is approved as follows:

PW 652 – Summer Haven North – Extension approved through June 30, 2021

PW 653 – Summer Haven South – Extension approved through June 30, 2021

PW 1061 – Emergency Berms – Extension through approved through June 30, 2022

The Subgrantee may submit additional time extension requests if later warranted with a detailed reason for the requests along with an explanation of the progress. Please remind the Subgrantee that Federal regulations at 44 C.F.R. § 206.204(d)(2) also stipulate that if a project is not completed, no Federal funding will be provided for that project.

In addition, this approval will also extend the Disaster’s Period of Performance through **June 30, 2022**. This document should be retained in your grant file for this Federal Award. As a reminder, the Recipient’s current Period of Availability to incur management costs ends on August 2, 2021. If the Recipient feels they will require additional time due to this time extension, the Recipient will need to send a request to the Regional Administrator 40 days prior to the expiration date.

If you have any questions or require more information, please contact Mr. Terry L. Quarles, CEM, Director, Recovery Division, at (770) 220-5300.

Sincerely,



For: Gracia B. Szczech
Regional Administrator