



**JOINT APPLICATION  
FOR  
JOINT COASTAL PERMIT**

**AUTHORIZATION TO USE  
SOVEREIGNTY SUBMERGED LANDS**

**FEDERAL DREDGE AND FILL PERMIT**

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
U.S. ARMY CORPS OF ENGINEERS



# JOINT APPLICATION FOR JOINT COASTAL PERMIT / AUTHORIZATION TO USE SOVEREIGNTY SUBMERGED LANDS / FEDERAL DREDGE AND FILL PERMIT

## APPLICATION INSTRUCTIONS

### MAIL TO:

Florida Department of Environmental Protection  
Bureau of Beaches and Coastal Systems  
3900 Commonwealth Boulevard - Mail Station 300  
Tallahassee, Florida 32399-3000

### STREET ADDRESS:

Capital Center  
5050 West Tennessee Street, Building B  
Tallahassee, Florida  
(For Hand Delivery Only. Do Not Mail to this address.)

### INTRODUCTION

Attached is a Joint Coastal Permit application form and a Notice of Receipt of Application form. Use of these forms is required when applying for the following:

- 1) a Joint Coastal Permit for activities that extend onto sovereignty lands of Florida, seaward of the mean high-water line and are likely to have a material physical effect on the coastal system or natural beach and inlet processes, pursuant to Sections 161.021, 161.041 and 161.055, F.S., and Rule 62B-49.001, F.A.C.;
- 2) authorization to use sovereign submerged lands in association with a Joint Coastal Permit; and
- 3) a federal dredge and fill permit for activities outlined above.

### COPIES / APPLICATION FEES

Submit one (1) completed application form with original signature, along with the certified drawings and all the supporting materials requested on the form. Whenever submitting information for your application (original application or additional information), the package must include the original paper copy, two (2) additional paper copies and two (2) electronic copies of all submitted items. Submit the entire application package (1 original set, 2 paper copies and 2 electronic copies) to the Department along with the appropriate application fee. A spreadsheet is available on the Bureau's web page to aid in calculating the correct application fee.

### DISTRIBUTION TO THE U.S. ARMY CORPS OF ENGINEERS

When activities are proposed in, on or over wetlands or other surface waters, the Department shall forward a copy of the application to the United States Army Corps of Engineers (USACE). The USACE will advise you of any additional information that may be required to complete the federal dredge and fill portion of the permit application. The information requested in this application form may be more than required to make a complete application to the USACE. However, it is useful and may be essential for subsequent evaluation. **Please provide measurements in both English units and metric equivalents for projects that require a federal permit.**

### CONSULTATION

Applicants are encouraged to consult with Department staff prior to submittal of the formal application. If you have any questions, please consult with the staff of the Department of Environmental Protection (DEP), Bureau of Beaches and Coastal Systems prior to submittal of the formal application.

**The applicant is required to complete the "NOTICE OF RECEIPT OF APPLICATION FOR JOINT COASTAL PERMIT" form on the last page of the application package. Failure to provide this information will delay processing.**

NOTE: The information listed in this application package is not intended to be all-inclusive. Additional information may be requested by the reviewing agency in order to complete your application.



**JOINT APPLICATION FOR JOINT COASTAL PERMIT / AUTHORIZATION TO USE SOVEREIGNTY SUBMERGED LANDS / FEDERAL DREDGE AND FILL PERMIT**

FOR AGENCY USE ONLY	
ACOE Application Number: _____	DEP Application Number: _____
Date Application Received: _____	Date Application Received: _____

1. Name of authorized agent for permit application (if applicable) NA		Mailing Address NA	
City NA	State NA	Zip Code NA	Telephone NA
E-mail NA		Fax NA	
2. Name of applicant Martin County c/o Kathy Fitzpatrick, P.E. County Engineer		Mailing Address 2401 Monterey Rd	
City Stuart	State FL	Zip Code 34996	Telephone 772-288-5429
E-mail kfitzpat@martin.fl.us		Fax 772-288-5595	

3. Name of activity  
Bathtub Beach Restoration

4. Location of activity, including dredging, filling and construction sites (use additional sheets, if needed):

County(ies) Martin  
 Section(s) 8 Township 38S Range 42E  
 Section(s) \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
 Section(s) \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
 Center of project: Latitude 27° 11' 11.16" N Longitude 80° 09' 36.91" W  
 At corners or ends of project: State Plane Coordinates -1365192.93 N, 3597473.71 E -1365581.6 N, 3597682.09 E  
 DNR reference monument(s) FDEP Monuments R 34.5 to R 36

Land Grant name, if applicable \_\_\_\_\_  
 Tax Parcel Identification Number \_\_\_\_\_  
 Street address, road, or other location MacArthur Blvd  
 City, Zip Code if applicable Stuart, FL 34996

5. Describe in general terms the proposed activity including any phasing. Please provide measurements for projects that require a federal permit in both English units and metric equivalents.  
The project proposes to dredge approximately 25,000 cubic yards (119,114 cubic meters of sand from the St. Lucie Flood shoal to place on Bathtub Beach. The beach fill will be placed in the area between FDEP monuments R 34.5 and R 36 (approximately 1250 ft or 38.1 m). The borrow area for the project is located on the flood shoal west of the St. Lucie Inlet. Please see Attachment B for complete project summary. The project construction will occur on an as-needed basis rather

than as a scheduled activity. The primary objective of the project is to protect essential infrastructure from extreme erosion of the shoreline.

6. Are you requesting any exemptions?  YES  **NO** If yes, provide explanation and cite rule number(s)

7. Describe the purpose and need of the proposed activity including any public benefits.  
Recent storms eroded the beach and destroyed structures at the Bathtub Beach County Park. Due to the erosion damage, the county closed the Park. Any additional erosion could cause a complete loss of the park and MacArthur Blvd. This very popular public park provides access to a shallow, relatively calm ocean bathing area and the adjacent wormrock reef. The site provides locals and tourists excellent bathing, swimming, snorkeling and diving opportunities. Martin County proposes to dredge and fill approximately 1250 ft of Bathtub Beach and approximately to restore the beach and dunes.

Check here if information is continued on an attached sheet.

8. Indicate the requested duration of your permit:

3 years (experimental)  **5 years (new construction)**  10 years (maintenance)

9. Indicate the type of sovereignty submerged lands authorization being requested.

**Letter of Consent**  Public Easement  Private Easement  Lease  Other: \_\_\_\_\_

Also indicate the requested duration of this sovereignty submerged lands authorization: 5 years.

10. Please identify by number any JCP / DBS / Wetland Resource / ERP / ACOE Permits pending, issued or denied for projects at the location, and any related enforcement actions.

Agency	Date	No. / Type of Application	Action Taken
FDEP	July 17, 2008	0129368-010-JN	Approved
FDEP	May 8, 2008	0274046-002-JN	Approved
FDEP	June 18, 2007	0269814-002-EM	Approved
FDEP	April 30, 2007	0186991-004-EM	Approved
FDEP	1998	199605620	Approved
ACOE	1998	43-294-982-9	Approved

Check here if information is continued on an attached sheet.

11. Have you obtained approval from the Department of State, Division of Historical Resources?  YES  **NO**

If yes, provide a copy of the letter of approval.

12. Has an Erosion Control Line been established pursuant to Sections 161.141 - 161.211, F.S.?  YES  **NO**

If yes, please provide evidence that the ECL has been recorded and show the location of the established ECL on all appropriate drawings.

**INFORMATION FOR ASSESSMENT OF SOVEREIGNTY SUBMERGED LANDS APPLICATION:**

**SUBMIT THE FOLLOWING ITEMS AS ATTACHMENTS:**

**Note:** A justification or explanation is required when requesting a waiver of any of the items below. Waiver is defined as relinquishing the requirements for the cited information.

Attached	To be Provided	Waiver Requested	Not Applicable
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- |  |                                     |                                     |                                     |                          |
|--|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| 13. A copy of the Division of State Lands title determination for submerged lands or other State-owned lands. If you do not have title determination, Department staff will request that the Division of State Lands conduct a title check while your application remains incomplete.  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 14. Satisfactory evidence demonstrating that the applicant has sufficient control and interest in the riparian upland property, as described in Subsection 18-21.004 (3)(b), Florida Administrative Code. Governmental entities that qualify for the waiver or deferral outlined in this rule must provide supporting documentation in order to be eligible. If the applicant is not the property owner, then authorization from the property owner for such use must be provided.   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 15. A detailed statement describing the existing and proposed upland uses and activities. For projects sponsored by a local government, indicate whether or not the facilities will be open to the general public. Provide a breakdown of any user fees that will be assessed to the general public and indicate whether or not such user fees will generate revenue or will simply cover costs associated with maintaining the facilities.  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 16. <b>The information in this item is only required if you are applying for a sovereignty submerged lands easement or lease.</b> A list of the names and addresses of owners of all riparian property within 1,000 feet (and within a 500 ft radius) of the proposed sovereignty submerged lands easement or lease site from the latest county tax roll. If the property is under cooperative or condominium ownership, the name and mailing address of the cooperative or condominium association will be adequate. This would not apply to off-shore leases or easements that are not located within 1,000 feet of the shoreline. | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 17. A legal property description and acreage of any sovereign submerged land that would be encompassed by the requested lease or easement, plus two (2) prints of a survey prepared, signed and sealed by a person properly licensed by the Florida State Board of Land Surveyors.   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |

**18. SIGNATURE(S)**

- A. By signing this application form, I am applying, or I am applying on behalf of the applicant, for the permit and any proprietary authorizations identified above, according to the supporting data and other incidental information filed with this application. I am familiar with the information contained in this application and represent that such information is true, complete and accurate. I understand this is an application and not a permit, that work prior to approval is a violation, and any permit issued or proprietary authorization issued pursuant thereto, does not relieve me of any obligation for obtaining any other required federal, state, water management district or local permit prior to commencement of construction. I agree, or I agree on behalf of my corporation, to operate and maintain the permitted system unless the permitting agency authorizes transfer of the permit to a responsible operation entity. I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S. and 18 U.S.C. Section 1001.

Kathy Fitzpatrick, P.E.

Typed / Printed Name of Applicant (If no Agent is used) or Agent (If one is so authorized below)

Signature of Applicant / Agent

Date

Martin County, Coastal Engineer

Name of political subdivision, municipality, or business entity and title of person signing on its behalf, **if applicable**

**AN AGENT MAY SIGN ABOVE ONLY IF THE APPLICANT COMPLETES THE FOLLOWING:**

- B. I hereby designate and authorize the agent listed above to act on my behalf, or on behalf of my corporation, as the agent in the processing of this application for the permit and / or proprietary authorization indicated above; and to furnish, on request, supplemental information in support of the application. In addition, I authorize the above-listed agent to bind me, or my corporation, to perform any requirement which may be necessary to procure the permit or authorization indicated above. I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S. and 18 U.S.C. Section 1001.

Typed / Printed Name of Applicant

Signature of Applicant

Date

Name of political subdivision, municipality, or business entity and title of person signing on its behalf, **if applicable**

**Please Note: The Applicant's original signature (not a copy) is required.**

**PERSON AUTHORIZING ACCESS TO THE PROPERTY MUST COMPLETE THE FOLLOWING:**

- C. I either own the property described in the application or I have legal authority to allow access to the property, and I consent, after receiving prior notification, to any site visit on the property by agents or personnel from the Department of Environmental Protection and the U.S. Army Corps of Engineers necessary for the review and inspection of the proposed project specified in this application. I authorize these agents or personnel to enter the property as many times as may be necessary to make such review and inspection. Further, I agree to provide entry to the project site for such agents or personnel to monitor permitted work if a permit is granted.

Typed / Printed Name of Applicant

Signature of Applicant

Date

(Name of political subdivision, municipality, or business entity and title of person signing on its behalf, **if applicable**)

**INFORMATION FOR ASSESSMENT OF IMPACTS TO THE COASTAL SYSTEM**

**SUBMIT THE FOLLOWING ITEMS AS ATTACHMENTS:**

**Note, a justification or explanation is required when requesting a waiver of any of the items below.** Waiver is defined as relinquishing the requirements for the cited information.

Attached	To be Provided	Waiver Requested	Not Applicable
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- |   |                                     |                                     |                          |                                     |
|---|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 19. Written evidence, provided by the appropriate governmental agency having jurisdiction over the activity, that the proposed activity, as submitted to the Department, is consistent with the state-approved Local Comprehensive Plan.  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 20. Topographic and bathymetric survey drawings of the proposed project site(s), including profiles and a contour map that reflect conditions within the past six (6) months, in accordance with Rule 62B-41.008(1)(h), F.A.C. Drawings shall meet the State's minimum technical standards and shall be signed and sealed by the professional surveyor, duly registered pursuant to Chapter 472, Florida Statutes, who performed the survey.  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
| 21. A description of how the boundaries of any wetlands affected by the project were determined. If the wetland boundaries have ever been delineated through a jurisdictional declaratory statement, a formal wetland determination, a formal determination, a validated informal determination or a revalidated jurisdictional determination, provide the identifying number of the document.  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 22. An engineering description and measured-drawings of any existing structures on the site that may be directly or indirectly affected by, or that may directly or indirectly affect, the proposed activity. This shall typically include shore protection structures such as groins, utility or stormwater outfalls, including subgrade structures, and any derelict structures such as remnant walls or pilings.   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 23. Complete sets of construction plans and specification for the proposed activity, certified by an engineer duly registered pursuant to Chapter 471, Florida Statutes. The plans shall clearly distinguish between existing and proposed structures and grades, and shall include the following:  |                                     |                                     |                          |                                     |
| a. Plan view of the proposed activity depicting the mean high-water line, any easement boundary and the erosion control line (if applicable) within the area of influence of the proposed activity. Identify the boundaries of significant geographical features (e.g., channels, shoals) and natural communities (e.g., submerged grass beds, hardbottom or mangroves) within the area of influence of the activity. Include a north arrow and a scale bar on each drawing.                                    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
| b. A sufficient number of cross-section views of the proposed activity depicting the slopes, the mean high-water line, any easement boundary and the erosion control line (if applicable) within the area of influence of the proposed activity. Identify the boundaries of significant geographical features and natural communities in the area of influence of the proposed activity. Elevations indicated on the cross-sections shall be referenced to the North American Vertical Datum of 1988 (NAVD 88). | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
| c. Details of construction, including materials and general construction procedures and equipment to be used (e.g., construction access, dredging method, dredged material containment, pipeline location).   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
| 24. In addition to the full-size drawings requested above, the information required under Paragraphs (20), (22) and (23) above shall be provided on 8 1/2-inch by 11-inch paper, certified by an engineer duly registered pursuant to Chapter 471, Florida Statutes. Each drawing shall include an accurate scale or dimensions, and all information shown on the drawing shall be clearly legible.   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |

	Attached	To be Provided	Waiver Requested	Not Applicable
25. An aerial photograph or map with a scale of 1" = 200', showing: the project boundaries, DNR Reference Monument locations, major county landmarks, boundaries of significant natural communities (e.g., submerged aquatic vegetation, hardbottom or mangroves) and special aquatic or terrestrial sites (parks, sanctuaries, refuges, Outstanding Florida Waters, aquatic preserves, etc.) within the project boundary and a minimum of 1,000 feet in both shore parallel directions of the project boundary.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26. A proposed construction schedule.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27. Permit applications for excavation or fill activities shall include the following detailed information concerning the material to be excavated and the existing or native material at the beach fill site:				
a. Site plans showing the location of all core borings and the boundaries of the area to be excavated.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Core boring logs of all cores taken throughout the area to be excavated and surrounding area. Logs should extend at least two feet below the proposed bottom elevation. The depth of each visible horizon in the log should be reported relative to NAVD (88) and the material in each stratum classified according to grain size.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Particle size and color analysis of the sediment. Gradation curves, frequency distribution curves and data analysis sheets should be produced from sieve analysis of each stratum in the core. Grain size distribution must be determined down to the standard unit 230 sieve size. Color analysis of moist sediment should use Munsell system of hue, value and chroma.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Carbonate content and percent organics by dry weight from representative stratum in each core. Chemical analyses shall be required if there is reason to suspect that the sediments are contaminated.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Representative physical samples and particle size, color and carbonate content of the existing or native material at the beach fill site.	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
f. A sediment QA/QC plan that will ensure that the sediment to be used for beach restoration or nourishment will meet the standards set forth in paragraph 62B-41.007(2)(j), F.A.C.	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
Submit all geotechnical information in electronic file format suitable for input to the Department's Reconnaissance Offshore Sand Search (ROSS) database. The data may be submitted in Excel, Access or gINT files. The MS Access Front End Loader is available on the ROSS website <a href="http://ross.urs-tally.com/">http://ross.urs-tally.com/</a> . Visit the gINT website <a href="http://www.gintsoftware.com/">http://www.gintsoftware.com/</a> for downloads necessary for the ROSS data structure. Submit electronic geo-referenced maps (shapefiles and metadata) of borrow area boundaries, core boring locations, and seismic track lines with time stamps and shot points, and .pdf files of seismic images with time stamp annotations.				
28. Using an established natural community classification system, describe each natural community within the area of influence of the proposed activity and include:				
a. Acreage.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Identification of the flora and fauna to the lowest taxon practicable.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Characterization of dominant and important flora and fauna and estimates of percent biotic cover.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Sampling locations, date of sampling or measurements and methods used for sampling.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Attached	To be Provided	Waiver Requested	Not Applicable
29. Detailed information on season of occurrence, density, and location of threatened or endangered species whose range occurs within the proposed activity.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30. Results of available wildlife surveys that have been conducted on the site, and any comments pertaining to the proposed activity from the Florida Fish and Wildlife Conservation Commission.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31. A current Biological Opinion from the U.S. Fish and Wildlife Service or the National Marine Fisheries Service, when the Florida Wildlife Conservation Commission has determined that the proposed project will result in a take of marine turtles, which could not be authorized without an incidental take determination under federal law.	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
32. A general description of the use and importance of the area influenced by the proposed project for all recreational activities, including (but not limited to) fishing, diving, surfing and bird watching. Also include a general description of any commercial fishing in the area.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33. Analysis of the expected effect of the proposed activity on the coastal system including but not limited to:				
a. Analysis of the expected physical effect of the proposed activity on the existing coastal conditions and natural shore and inlet processes. The analysis should include a quantitative description of the existing coastal system, the performance objectives of the proposed activity, the design parameters and assumptions, relevant computations, validation of the results and the data used in the analysis.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Analysis of the compatibility of the fill material with respect to the native sediment at the placement site. The analysis should include all relevant computations, the overfill ratios, and superimposed graphs of the cumulative grain-size distribution and the frequency distribution of the fill material over the data for the existing or native sediment at the placement site. Provide computations of borrow area volume and composite fill material characteristics (mean grain size and sorting, percent carbonate content) in an electronic spreadsheet.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Demonstration of consistency with the Department's strategic beach management plan or an inlet management plan in accordance with Rule 62B-41.005(15), F.A.C. If the proposed project is not included in an inlet management plan the applicant will provide the information specified in Rule 62B-41.008(1)(m), F.A.C.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Analysis of how water quality and natural communities would be affected by the proposed project. Provide graphic representation (depiction) of the area of direct and secondary influence of the proposed activity and delineate the natural communities within that area. All required surveys shall be representative of conditions existing at the time of submittal. Surveys of submerged aquatic vegetation (SAV) shall be conducted in the field during the growing season for a given climatic region such that they capture the full areal extent and biomass of the SAV community. Species composition and spatial distribution shall also be addressed by the survey. Estimate the affected acreage of each impacted community.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Note: If a mixing zone is proposed, provide a narrative description and graphic representation of the mixing zone. Identify any areas within the proposed mixing zone that contain significant submerged resources. Explain why the size of the proposed mixing zone is the minimum necessary to meet water quality standards and provide justification for that size.</i>				
e. Reasonable assurances that a regulated activity will not cause unacceptable cumulative impacts pursuant to Rules 40X-4.302(1)(b) and 62B-41.002(19)(b), F.A.C.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Attached	To be Provided	Waiver Requested	Not Applicable
34. Describe the location and details of the erosion, sediment and turbidity control measures to be implemented during each phase of construction and all other measures used to minimize adverse effects to water quality.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35. Describe any methods proposed to protect threatened or endangered species.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36. A written statement providing the necessity and justification for the potential impacts to the coastal ecosystem that may be caused by the proposed coastal construction.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37. A narrative description of any proposed mitigation plans, pursuant to Rule 62-345, F.A.C., including purpose, a comparison between the functions of the impact site to the mitigation site, maintenance, monitoring, estimated cost, construction sequence and techniques. For proposed artificial reefs, indicate the water depth, depth of sand overlying bedrock, proposed relief and materials (type, size and shape).	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
38. An analysis of available alternatives to the proposed coastal construction, pursuant to Rules 62B-41.005(17) and 40X-4.301(3), F.A.C. (where "X" represents "C", "D" or "E" for the corresponding Water Management District), that would minimize adverse impacts to the coastal system. Discuss any related effects on the coastal system.	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39. A fee, as set forth in Rule 62B-49.006, F.A.C. A spreadsheet is available on the Bureau's web page to aid in calculating the correct application fee. In order to calculate the fee, please provide the following: the acreage of proposed filling seaward of the MHW line; the acreage of proposed dredging; the cubic yardage of fill to be placed on the beach (above and below the MHW line); the cubic yardage of material to be dredged from an inlet and then placed either in an upland or offshore disposal site; the length of rigid coastal structures (groins, breakwaters, jetties, seawalls and revetments); and the number of inlet-related structures (new channels, sand traps and bypassing plants).	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>

**Note:** Additional information may be required by statute or rule, or if found by staff to be reasonably necessary for proper evaluation of the application under applicable statutory and rule criteria.

Specific Authority 161.041, 253, 258, 370.021, 370.12 and Part IV of 373, Florida Statutes.



**JOINT APPLICATION FOR JOINT COASTAL PERMIT AND AUTHORIZATION TO USE SOVEREIGNTY SUBMERGED LANDS**

**NOTICE OF RECEIPT OF APPLICATION FOR JOINT COASTAL PERMIT**

**This information is required in addition to that required in other sections of the application. Please submit three (3) paper copies and two (2) electronic copies of this notice of receipt of application, including the attachments and information listed below. Please submit all information on 8 1/2" x 11" paper.**

Project Name: Bathtub Beach Restoration  
County: Martin  
Owner: Martin County  
Applicant: Martin County c/o Kathy Fitzpatrick  
Applicant's Address: 2401 SE Monterey Rd  
Stuart, FL 34996

1. Indicate the activity boundaries on a USGS quadrangle map. Attach a location map showing the boundary of the proposed activity. The map should also contain a north arrow and a graphic scale; show Section(s), Township(s), and Range(s); DNR reference monuments; political boundaries; and identifiable landmarks. This map must be of sufficient detail to allow a person unfamiliar with the site to find it.
2. Attach drawings (plan and section views) that clearly show the proposed construction or other activities. Use multiple sheets, if necessary. Use a scale sufficient to show the location and type of work.
3. Provide the names of all waterbodies and wetlands that would be affected by the proposed project and specify if they are in an Outstanding Florida Water or Aquatic Preserve:

Atlantic Ocean, St. Lucie Inlet and Indian River Lagoon.  
Indian River Lagoon and part of the St. Lucie Inlet are Aquatic Preserve

4. Briefly describe the proposed project (such as "beach restoration", "inlet maintenance dredging", "terminal groin", etc.):

Beach restoration

5. Specify the acreage of each natural community type that is proposed to be filled, excavated, or otherwise disturbed or impacted by the proposed activity:

Shoal dredge area: approximately 54 acres  
Beach area fill: approximately 4.6 acres

6. Provide a brief statement describing any proposed mitigation for impacts to natural communities (attach additional sheets if necessary):

To be provided

**FOR AGENCY USE ONLY**

Application Name: \_\_\_\_\_

Application Number: \_\_\_\_\_

**Note to Notice Recipient:** The information in this notice has been submitted by the applicant, and has not been verified by the agency. It may be incorrect, incomplete or may be subject to change. The application is available for inspection at the Bureau of Beaches & Coastal Systems, Capital Center, 5050 W. Tennessee St., Building B, Tallahassee, FL and on the Bureau's web page.