



COASTAL RESOURCES DIVISION

ONE CONSERVATION WAY · BRUNSWICK, GA 31520 · 912-264-7218

WALTER RABON
COMMISSIONER

DOUG HAYMANS
DIRECTOR

January 10, 2025

Sea Island Company, LLC
c/o Yates Anderson
P.O. Box 30351
Sea Island, GA 31561

RE: Letter of Permission (LOP), Beach Sand Recycling, Shore Protection Act Permit #461, Atlantic Ocean, Sea Island, Glynn County, Georgia (SAS-2015-00742)

Dear Mr. Anderson:

This letter is in response to your request dated January 6, 2025 regarding Sea Island Company, LLC plans to conduct beach sand recycling as authorized by Shore Protection Act Permit #461 (SPA461). The project will begin no sooner than fifteen (15) days from the date of the letter and will be completed not later than April 30, 2025.

Sand recycling is necessary to maintain the project for the permitted purposes of shoreline protection, wildlife habitat, and recreational use. Sand will be obtained from both the north and south borrow areas and from other locations above MLLW as specified in SPA #461 by land-based equipment. Testing of the sediments prior to commencement of the work will be completed as required by SPA461. The material will be excavated from locations above MLLW (-4.20' NAVD88) and trucked to the placement areas and shaped within the permitted design, with final shaping, compaction testing, tilling, and planting per permit conditions. Excavation depths will be mandated by the presence of suitable material determined by geotechnical investigation and observation during excavation. If unsuitable material is encountered, it will not be used in the placement area. During excavation activities, short-term stockpiling of material and maintenance of access and staging areas will occur. These areas will be restored as part of the recycling activities.

The Department authorizes the beach sand recycling activities and has no objection to the actions. **No unauthorized equipment, materials or debris may be placed, disposed of, or stored in jurisdictional areas.** This LOP is valid for the above referenced projects. Any change in the use, location, dimensions, or configuration of the approved project, without prior notification and approval from this office could result in revocation of this permission and in the required removal of the related structures.

This LOP does not relieve you from obtaining any other federal, state, or local permits. If you have any further questions or concerns regarding this or any other projects, please feel free to contact Beth Byrnes at (912) 264-7218.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jill Andrews".

Jill Andrews
Chief, Coastal management Section

Enclosure: January 6, 2025 Request
Shore Protection Act Permit #461

Cc: Sarah.E.Wise@usace.army.mil

File: LOP20250002



January 6, 2025

Ms. Jill Andrews
Chief, Coastal Management Section
Georgia Department of Natural Resources
Coastal Resources Division
One Conservation Way
Brunswick, GA 31520

**Subject: Sea Island Shore Protection Project Notice of Recycling Activity
SPA Permit #461 and #438; SAS-2015-00742
Glynn County, Georgia**

Dear Ms. Andrews:

Sea Island Company is requesting a Letter of Permission in accordance with O.C.G.A. §12-5-230(9.1) authorizing continued maintenance of its beach nourishment project through periodic sand recycling activities. All maintenance activities will be conducted within the physical perimeter of the nourishment project authorized by Shore Protection Act Permit Nos. 438 and 461.

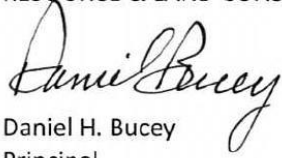
The sand recycling program is necessary to maintain the project for the permitted purposes of shoreline protection, wildlife habitat, and recreational use. Sand will be obtained from both the north and south borrow areas and from other locations above MLLW as specified in SPA #461 (Finding No. 19) by land-based equipment, consistent with the previous recycling events authorized by your department. Testing of the sediments prior to commencement of the work will be completed in accordance with applicable permit conditions (SPA #461, p. 3, Special Condition 3).

The material will be excavated from locations above MLLW (-4.20' NAVD88) and trucked to the placement areas and shaped within the permitted design, with final shaping, compaction testing, tilling, and planting per permit conditions. Excavation depths will be mandated by the presence of suitable material determined by the geotechnical investigation and observation during excavation. If unsuitable material is encountered, it will not be used in the placement area. During excavation activities, short-term stockpiling of material and maintenance of access and staging areas will occur. Upon completion of recycling and maintenance activities, temporary access and staging areas will be shaped to natural contours consistent with prior recycling and

maintenance events. All work will be completed prior to the start of the 2025 sea turtle nesting season (April 30, 2025).

If you have any questions or require additional information, please contact me at your earliest convenience at (912) 480-4403.

Sincerely,
RESOURCE & LAND CONSULTANTS

A handwritten signature in black ink that reads "Daniel Bucey". The signature is written in a cursive style with a large, prominent initial "D".

Daniel H. Bucey
Principal

cc: Mr. Yates Anderson; SIC



MARK WILLIAMS
COMMISSIONER

DOUG HAYMANS
DIRECTOR

JUL 13 2018

Daniel H. Bucey
41 Park of Commerce Way, Suite 303
Savannah, GA 31405

RE: Shore Protection Act (SPA) Permit #461, Sea Island Acquisition, LLC, Shoreline Engineering Activities, Sea Island, Glynn County, Georgia ACOE: SAS-2015-00742

Dear Mr. Bucey:

The Shore Protection Committee considered and approved permit #461 referenced above under the Shore Protection Act O.C.G.A. §12-5-230 et. seq. The permit placard and permit conditions are attached to this letter. All decision documents, as well as all other plans, documents, and materials submitted during the application process become terms of this permit and are now enforceable conditions. This letter and attachments are to be held by you for your files and for inspection by any authorized persons. The expiration date for the permit is five (5) years from the date of issuance.

Staff of the Coastal Management Program has reviewed the above referenced application pursuant to Section 404 of the Clean Water Act and/or Section 10 of the River and Harbors Act or 1899 for consistency with the Georgia Coastal Management Program (GCMP). The Program concurs with the applicant's consistency certification to the extent that the project adheres to all conditions and restrictions of Shore Protection Act Permit #461. Issuance of a federal permit that does not contain the same conditions and/or restrictions, as any issued state permit, does not alleviate the permittee from adhering to all components of state permits.

The State Property Commissions Office has been authorized to issue the permittee a mineral lease for dredging of the borrow area authorized under SPA Permit #461. Enclosed is an executed Revocable License for the placement of the dredge pipelines as well as all other work below the Ordinary High Water Mark authorized under SPA Permit #461.

Permitted Project Description:

The approved nourishment plan includes the placement of a maximum of 2,500,000 cubic yards (cy) of beach-quality sediment placed along the Sea Island shoreline; construction of an artificial dune; and a borrow area. All work will be performed outside of the prescribed turtle nesting season (i.e. - construction between November 1st and April 30th).

JUL 13 2018

Sea Island Acquisition, LLC
SPA #461
Page 2 of 3

The nourishment encompasses four reaches: Reach "1" begins 1,200 linear feet (lf) south of the existing south groin (The Reserve, authorized under SPA permit #438); Reach "A" extends from the south groin on Sea Island approximately 4,000 lf north to near East 9th Street; Reach "B" extends 9,000 lf north from approximately East 9th Street to East 34th Street; and Reach "C" extends 3,000 lf north from East 34th Street to the north groin. Sand will be obtained from an offshore borrow area within Georgia state waters, located approximately 4 miles east/southeast of Sea Island, with dimensions of approximately 10,000 lf by 1,700 lf (~255 acres). Nourishment sand will be pumped to the beach, shaped, and graded to slopes and elevations similar to the existing beach.

The nourishment will be accomplished by hydraulic dredge (cutterhead suction dredge), pipelines to the beach, and heavy equipment (bulldozers and loaders) shaping the fill on the beach. Temporary sand-training dikes will be used to contain the slurry discharge parallel to the shore. The nourishment plan incorporates an artificial dune along up to 10,000 lf between stations 135+00 and 235+00. Sand fencing and native vegetation will be installed in strategic locations along a proposed dune following nourishment, in accordance with Department of Natural Resources (DNR) standards for sand fencing and a DNR-approved vegetation plan.

Maintenance and recycling may occur: up to once per year outside of turtle nesting season to maintain overall project purpose of storm protection, wildlife habitat, and recreation, upon notice to the DNR and Savannah District U.S. Army Corps of Engineers (USACE); at any time to correct unusual erosion rates or to correct damage caused by discrete events upon notice to DNR and USACE; and, in the event of an approaching storm, shaping of dunes to raise low-lying area for upland protection, upon notice to DNR and USACE. All maintenance and recycling work will be performed outside of the prescribed turtle nesting season (i.e. - construction between November 1st and April 30th), unless necessary due to emergencies caused by passing storms or for preventative measures for approaching storms. **Standard and Special conditions apply to this permit.**

Permit Placard:

Enclosed is the permit placard to be posted at the work site (within 24 hours) for the duration of the construction activity.

Post Construction Requirements: Compliance Certification and File Maintenance

Also enclosed is a *Certification of Compliance* that must be submitted to us within 30 days following completion of the permitted activity. Please include this compliance form with the post-construction survey, if required under the special conditions. Department staff will assess compliance and provide you with a written verification of project completion and compliance.

Conveyance of Ownership Interest:

If you as the permit holder sell, lease, rent, or otherwise convey the land or any portion of the land for which the permit was issued, you must notify the DNR within 30 days of this transfer or conveyance. The permit shall continue in force in favor of the new owner, lessee, tenant, or other assignee so long as there is no change in the use of the land as set forth in the original application. The DNR will transfer the permit to the new owner with all of the original terms and conditions.

JUL 13 2018

Sea Island Acquisition, LLC
SPA #461
Page 3 of 3

We ask that you carefully read through this document and attachments and comply with the terms and conditions of this permit. Feel free to contact me if you need clarification of any of these conditions or for assistance with this project.

Sincerely,



Jill Andrews
Chief, Coastal Management

Enclosures: SPC Permit #461 and Permit Conditions, Compliance Certificate, Permit Placard, Revocable License, and Drawings

Cc: Savannah District U.S. Army Corps of Engineers c/o Sarah Wise

File: SPA20180005



COASTAL RESOURCES DIVISION
ONE CONSERVATION WAY • BRUNSWICK, GA 31520 • 912.264.7218
COASTALGADNR.ORG

MARK WILLIAMS
COMMISSIONER

DOUG HAYMANS
DIRECTOR

Shore Protection Committee Permit #461 Final Conditions June 29, 2018

Sea Island Acquisition, LLC Shoreline Engineering Activities Sea Island, Glynn County, Georgia

Project Description: The approved nourishment plan includes the placement of a maximum of 2,500,000 cubic yards (cy) of beach-quality sediment placed along the Sea Island shoreline; construction of an artificial dune; and a borrow area. All work would be performed outside of the prescribed turtle nesting season (i.e. - construction between November 1st and April 30th).

The nourishment encompasses four reaches: Reach “1” begins 1,200 linear feet (lf) south of the existing south groin (The Reserve, authorized under SPA permit #438); Reach “A” extends from the south groin on Sea Island approximately 4,000 lf north to near East 9th Street; Reach “B” extends 9,000 lf north from approximately East 9th Street to East 34th Street; and Reach “C” extends 3,000 lf north from East 34th Street to the north groin. Sand will be obtained from an offshore borrow area within Georgia state waters, located approximately 4 miles east/southeast of Sea Island, with dimensions of approximately 10,000 lf by 1,700 lf (~255 acres). Nourishment sand will be pumped to the beach, shaped, and graded to slopes and elevations similar to the existing beach.

The nourishment will be accomplished by hydraulic dredge (cutterhead suction dredge), pipelines to the beach, and heavy equipment (bulldozers and loaders) shaping the fill on the beach. Temporary sand-training dikes will be used to contain the slurry discharge parallel to the shore. The nourishment plan incorporates an artificial dune along up to 10,000 lf between stations 135+00 and 235+00. Sand fencing and native vegetation will be installed in strategic locations along a proposed dune following nourishment, in accordance with DNR standards for sand fencing and a DNR-approved vegetation plan.

Maintenance and recycling may occur: up to once per year outside of turtle nesting season to maintain overall project purpose of storm protection, wildlife habitat, and recreation, upon notice to the GADNR and Savannah District U.S. Army Corps of Engineers (USACE); at any time to correct unusual erosion rates or to correct damage caused by discrete events upon notice to GADNR and USACE; and, in the event of an approaching storm, shaping of dunes to raise low-lying area for upland protection, upon notice to GADNR and USACE. All maintenance and recycling work will be performed outside of the prescribed turtle nesting season (i.e. - construction

between November 1st and April 30th), unless necessary due to emergencies caused by passing storms or for preventative measures for approaching storms.

Standard and Special conditions apply to this permit.

SHORE PROTECTION ACT O.C.G.A. § 12-5-230
STANDARD PERMIT CONDITIONS

1. The project must comply, as applicable, for areas permitted herein, with all other Federal, State, and local statutes, ordinances, and regulations, and the applicant must obtain all licenses and permits prior to commencement of construction.
2. This permit does not resolve actual or potential disputes regarding ownership of or rights in or over the property upon which the subject project is proposed, and shall not be construed as recognizing or denying any such rights or interests.
3. All plans, documents, and materials contained in this permit application, required by the Shore Protection Act O.C.G.A. 12-5-230 *et. seq.* are a part of this permit and conformance to such plans, documents, and materials are a condition of this permit. No change or deviation from these plans, documents, and materials shall be permitted without prior notification and approval by the Department or Committee.
4. No further encroachment or construction shall take place within State jurisdiction, except as permitted by the Shore Protection Committee. Any modification of the plans or structure in the jurisdictional area must be reviewed and approved by the Department prior to construction.
5. A construction placard will be required to be obtained from the Department up to 30 days prior to the start of project construction and must be posted at the site. This placard will include certain steps in the construction of the permitted project that must be approved by the Department prior to construction.
6. The exact location and configuration of this project must be reviewed onsite and approved by Department staff immediately prior to beginning construction. Minor changes to the location may be allowed or required in areas that have eroded or accreted subsequent to the original jurisdictional determination.
7. No construction materials may be disposed of in the jurisdictional area of the Shore Protection Act.
8. Any incidental impacts associated with the construction of this project must be rectified by restoring areas to their pre-construction topographic and vegetative states.
9. The public shall maintain rights of ingress and egress on the foreshore beach area seaward of the ordinary high water mark.
10. If the permitted improvements are damaged, fall into disrepair, become dilapidated, are not meeting their expected usefulness, or are not maintained at a serviceable level, then it is the responsibility of the owner to remove the improvements. A new permit will be required to retain and repair the structure, improvement or asset if it loses its structural integrity and is no longer serviceable.
11. The Shore Protection Committee is not bound in the future to protect any asset or improvements authorized by the permit.
12. The permit must be posted onsite within twenty-four (24) hours of beginning construction.
13. A copy of the above conditions must be supplied to the person in charge of construction.

SPECIAL CONDITIONS

1. This permit supersedes the sand recycling project authorized via Shore Protection Committee Permit #149.
2. Nourishment activities including the hydraulic dredging and placement of beach quality sand is limited to the following:
 - a. Nourishment activities are for the life of the permit only.
 - b. Total sand volume to be dredged and placed on the beach will not exceed 2,500,000 cy.
 - c. All activities shall occur outside of the prescribed sea turtle nesting season (construction between November 1 and April 30).
 - d. Permittee shall coordinate with the DNR and obtain approval prior to the commencement of dredging and nourishment activities.
3. Maintenance and sand recycling activities are limited to the following:
 - a. All sand used for maintenance and recycling must be beach quality.
 - b. All routine maintenance and sand recycling activities shall occur outside of the prescribed sea turtle nesting season (activities to occur between November 1 and April 30).
 - c. Permittee shall coordinate with the DNR and obtain approval prior to the commencement of maintenance and sand recycling events. Any emergency maintenance proposal to take place during the prescribed sea turtle nesting season shall require details illustrating mitigating conditions to ensure against unreasonable impacts to sea turtles.
4. The applicant shall establish and complete a monitoring plan inclusive of: beach surveys (topographic and bathymetric) before and after the nourishment project, and for five years post construction; borrow area surveys (pre-project, post-project, and out-year bi-annual bathymetric surveys of the utilized dredge area for five years post-construction); and sediment monitoring of the beach and borrow area. A decision made by DNR as to whether to continue the surveys after five years after the completion of the project would be based upon the prior project performance.
5. Immediately following construction, the contractor will cross-till the project from the high tide wave rush to the seaward toe of the constructed dune feature. The dune feature should also be tested for compaction prior to the planting of vegetation or sand fence construction. If compaction readings are greater than 500 cpu at any of the test depths (6 inches, 12 inches, 18 inches) for 2 consecutive stations, the dune feature will be tilled.
6. Annual surveys for compaction will be completed in February for 5 Annual beach sand compaction surveys shall be completed each February for 5-years following completion of the project. Sand compaction should be measured at a maximum of 500 ft. intervals along the project area and along three transects corresponding to the landward, middle and seaward portion of the fill berm. An additional measurement should be taken from the dune feature. At each measurement station, a cone penetrometer shall be pushed to depths of 6, 12, and 18 inches three times (3 replicates), and the compaction readings averaged to produce a final reading at each depth for each station. If the average value for any depth exceeds 500 cpu for any 2 or more adjacent stations (including the dune feature), that area must be tilled prior to a depth of 36 inches prior to May 1. A report on the results of compaction monitoring shall be

submitted to DNR prior to any tilling actions being taken. A representative from DNR should be present during the compaction testing. This condition shall be evaluated annually and may be modified if necessary to address sand compaction problems identified during the previous year.

7. Visual surveys for escarpments along the beach fill area shall be made after construction and completed in February for 5-years following completion of the project. Escarpments in excess of 18 inches and extending more than 100 ft shall be mechanically leveled and graded to the natural beach contour prior to April 1.
8. Visual surveys for escarpments along the beach fill area shall be made weekly, and after storm events, from April 1 through October 31 for the life of the permit. Escarpments that interfere with marine turtle nesting or that exceed 18 inches in height for a distance of 100 ft or more shall be graded to the natural beach contour upon prior approval from DNR.
9. The Permittee shall submit a plan to vegetate the constructed dune with native dune species to DNR for approval prior to implementation. The plan must include requirements in which the Permittee ensures no less than 50% survival of the plants for a 12-month period after installation or installs additional plants at the end of 12 months as necessary to ensure overall 50% survival at the end of year two.
10. Landscaping shall not change the jurisdiction of the Shore Protection Act in the future.
11. Sand fencing shall be implemented in conjunction with the vegetation plan to promote dune stability. Sand fence construction will be in accordance with DNR guidelines:
 - a. Sand Fencing installation shall be conducted outside the marine turtle nesting season (May-October 31) unless approved by DNR.
 - b. Sand fence shall be installed in a temporary manner in one of the following configurations: a) 10 ft sections of fence spaced at a minimum of 10 ft on a diagonal alignment to the shoreline (facing the prevailing wind), or b) two 10 ft sections of fence placed in an "open V" shape with wider the wider end facing the shoreline. Minimum space between ends of the "V" is 10 ft, and minimum width between the close ends of the "V" is 7 ft. For both configurations the approximate angle of the fence to the shoreline is 45 degrees.
 - c. Sand Fence shall not be placed within 7 ft of a beach scarp.
 - d. Sand fence shall not be placed in front of an existing fence until the existing fence is completely buried.
 - e. Sand fences shall not be placed to control pedestrian traffic seaward of the secondary dunes.
 - f. If fence material is damaged, debris must be removed from the beach area by the owner in an expeditious manner.
12. All land base equipment access to the beach is limited to the DNR-approved access routes as defined in 391-2-2-.03.



DEPARTMENT OF NATURAL RESOURCES
COASTAL RESOURCES DIVISION
ONE CONSERVATION WAY • BRUNSWICK, GA. 31520 • 912.264.7218
COASTALGADNR.ORG

MARK WILLIAMS
COMMISSIONER

DOUG HAYMANS
DIRECTOR

CERTIFICATION OF COMPLIANCE
FOR THE CONSTRUCTION AND MAINTENANCE
OF PROJECTS PERMITTED UNDER
THE SHORE PROTECTION ACT

PERMITTEE:

Name: Sea Island Acquisition, LLC
City or Town: Sea Island
Island or Waterway: Atlantic Ocean
County: Glynn
Permit Number: SPA#461

Within 30 days of completion of the activity authorized by this permit, sign this certification and return to the Marsh and Shore Management Program of the Coastal Management Section at the address listed below.

Please note that your permitted activity is subject to compliance inspections by DNR representatives before and after completion of the project. If you fail to comply with the permit terms and conditions it may be subject to suspension, modification, or revocation.

Permittee Statement

"I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and conditions of the said permit."

Signature of Permittee: _____

Date: _____

The Georgia Shore Protection Committee

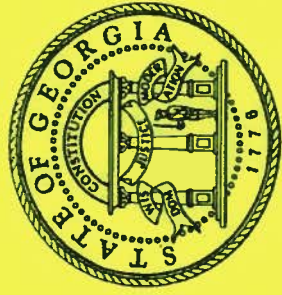
PERMIT

Issued Pursuant to O.C.G.A. 12-5-230

To: Sea Island Acquisition, LLC

For: The approved nourishment plan includes the placement of a maximum of 2,500,000 cubic yards (cy) of beach-quality sediment placed along the Sea Island shoreline; construction of an artificial dune; and a borrow area. All work would be performed outside of the prescribed turtle nesting season (i.e. - construction between November 1st and April 30th).

Standard and Special conditions apply to this permit.



Date: June 29, 2018

Expiration Date: June 29, 2023

Permit Number: 461

Authorized By: 



For further information, please contact the DNR Coastal Resources Division at (912) 264-7218.

STATE OF GEORGIA

REVOCABLE LICENSE REQUEST FOR THE USE OF TIDAL WATERBOTTOMS

APPLICANTS NAME(S): Sea Island Acquisition, LLC c/o William M. McHugh

MAILING ADDRESS: P.O. Box 30351 Sea Island Georgia 31561
(Street) (City) (State) (Zip)

PROJECT ADDRESS/LOCATION: Sea Island Beach

COUNTY: Glynn WATERWAY: Atlantic Ocean DATE: 2.26.18

LOT, BLOCK & SUBDIVISION NAME FROM DEED: Parcel 6: Oceanfront Strip & Parcel 9: Ocean Forest Clubhouse, Golf Course and Resort Facilities

Georgia Department of Natural Resources
Coastal Resources Division
One Conservation Way
Brunswick, Georgia 31520-8687

I am requesting that I be granted a revocable license from the State of Georgia to encroach on the beds of tidewaters, which are state owned property. Attached hereto and made a part of this request is a copy of the plans and description of the project that will be the subject of such a license. I certify that all information submitted is true and correct to the best of my knowledge and understand that willful misrepresentation or falsification is punishable by law.

I understand that if permission from the State is granted, it will be a revocable license and will not constitute a license coupled with an interest. I acknowledge that this revocable license does not resolve any actual or potential disputes regarding the ownership of, or rights in, or over the property upon which the subject project is proposed, and shall not be construed as recognizing or denying any such rights or interests. I acknowledge that such a license would relate only to the property interests of the State and would not obviate the necessity of obtaining any other State license, permit or authorization required by State law. I recognize that I waive my right of expectation of privacy and I do not have the permission of the State of Georgia to proceed with such project until the Commissioner of DNR or his/her designee has signed a copy of this request.

Sincerely,

By: 
William M. McHugh, General Counsel

The State of Georgia hereby grants you a revocable license not coupled with an interest as provided in your request. This area may now or in the future be utilized by boats employing power drawn nets under the provisions for commercial or sport bait shrimping. In its occupancy and use of the premises, licensee shall not discriminate against any person on the basis of race, gender, color, national origin, religion, age, or disability. This covenant by licensee may be enforced by termination of this license, by injunction, and by any other remedy available at law to the Department. The project proposed for this license must be constructed and completed within the specified timeframe associated with the authorization and/or transmittal letter associated with this revocable license and must be maintained in serviceable condition. Otherwise, action will be initiated to revoke this license and all structures must be removed immediately at the licensee's expense.

STATE OF GEORGIA
Office of the Governor

By: 
For: Mark Williams, Commissioner-DNR

Date: JUN 29 2018

 GA DNR

MAR 02 2018

Marsh & Shore Mgt. Program



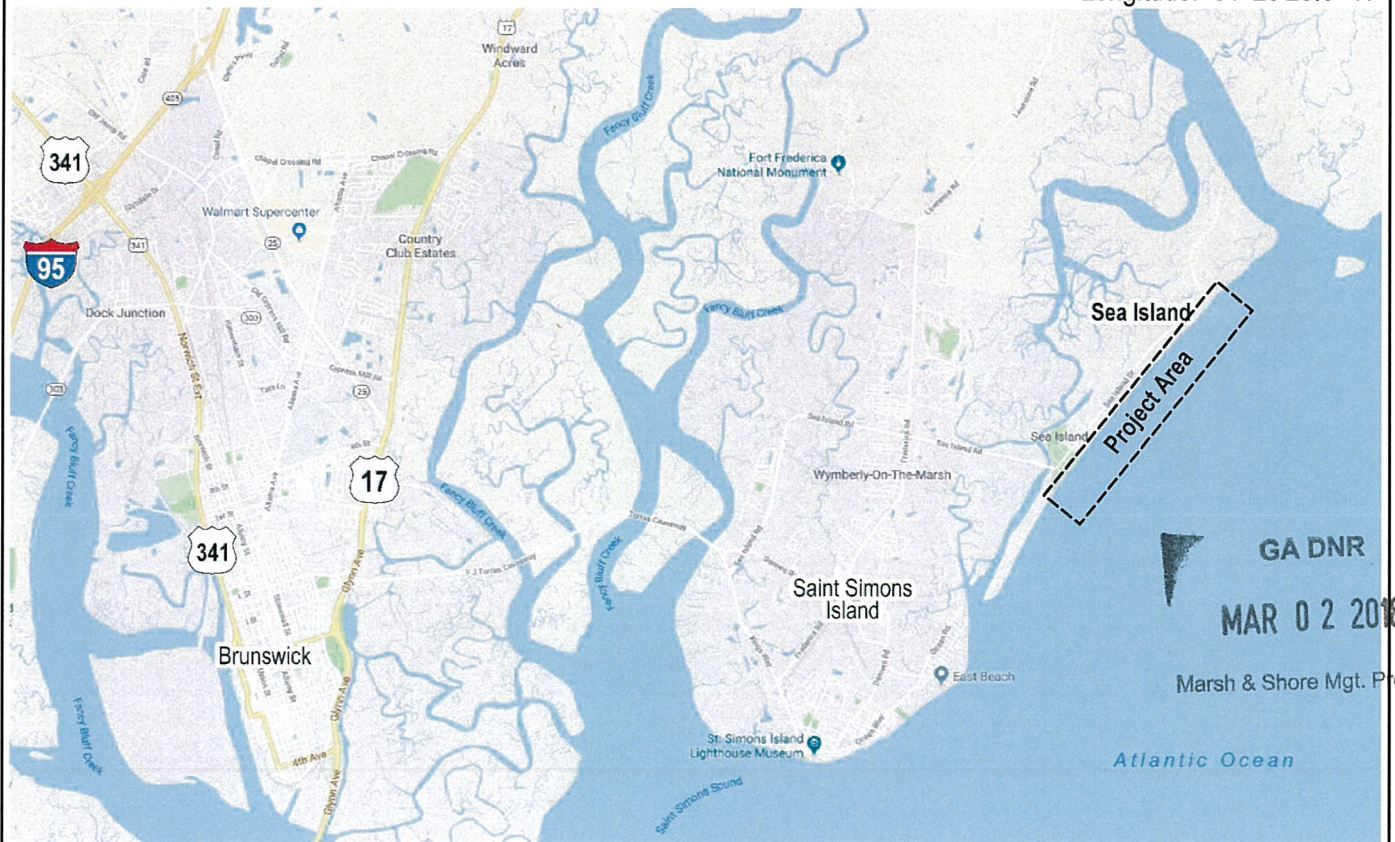
DIRECTIONS:

From I-95 (Brunswick, GA 31523)

- Take exit 36A to merge onto US-25 S/US-341 S toward Brunswick (5.2 mi)
- Slight right onto Bay St (0.2 mi)
- Continue onto Oglethorpe St (0.1 mi)
- Turn left onto Gloucester St (1.0 mi)
- Keep left to continue on Gloucester St/State Rte 25 Con
- Turn left onto Glynn Ave
- Turn right onto F J Torras Causeway (2.6 mi)
- Continue onto Torras Causeway (1.7 mi)
- Continue onto Kings Way
- Slight left onto Sea Island Rd (4.4 mi)
- Slight left onto Sea Island Dr
- Continue straight to stay on Sea Island Dr (0.3 mi)
- Turn right onto 1st St S
- Turn right toward Dune Ave
- Turn right onto Dune Ave (0.1 mi)

Project Location

Latitude: 31°11'14.0" N
 Longitude: 81°20'20.0" W



APPLICANT:

Sea Island Acquisition, LLC
 351 Sea Island Road
 Saint Simons Island, Georgia 31522

AGENT:

Daniel H. Bucey - Resource & Land Consultants, LLC
 41 Park of Commerce Way Suite 303
 Savannah GA 31405

DRAWING TITLE:

Vicinity Map

DRAFT

Not For Construction

SCALE: AS SHOWN

DATE: 28 Feb 2018

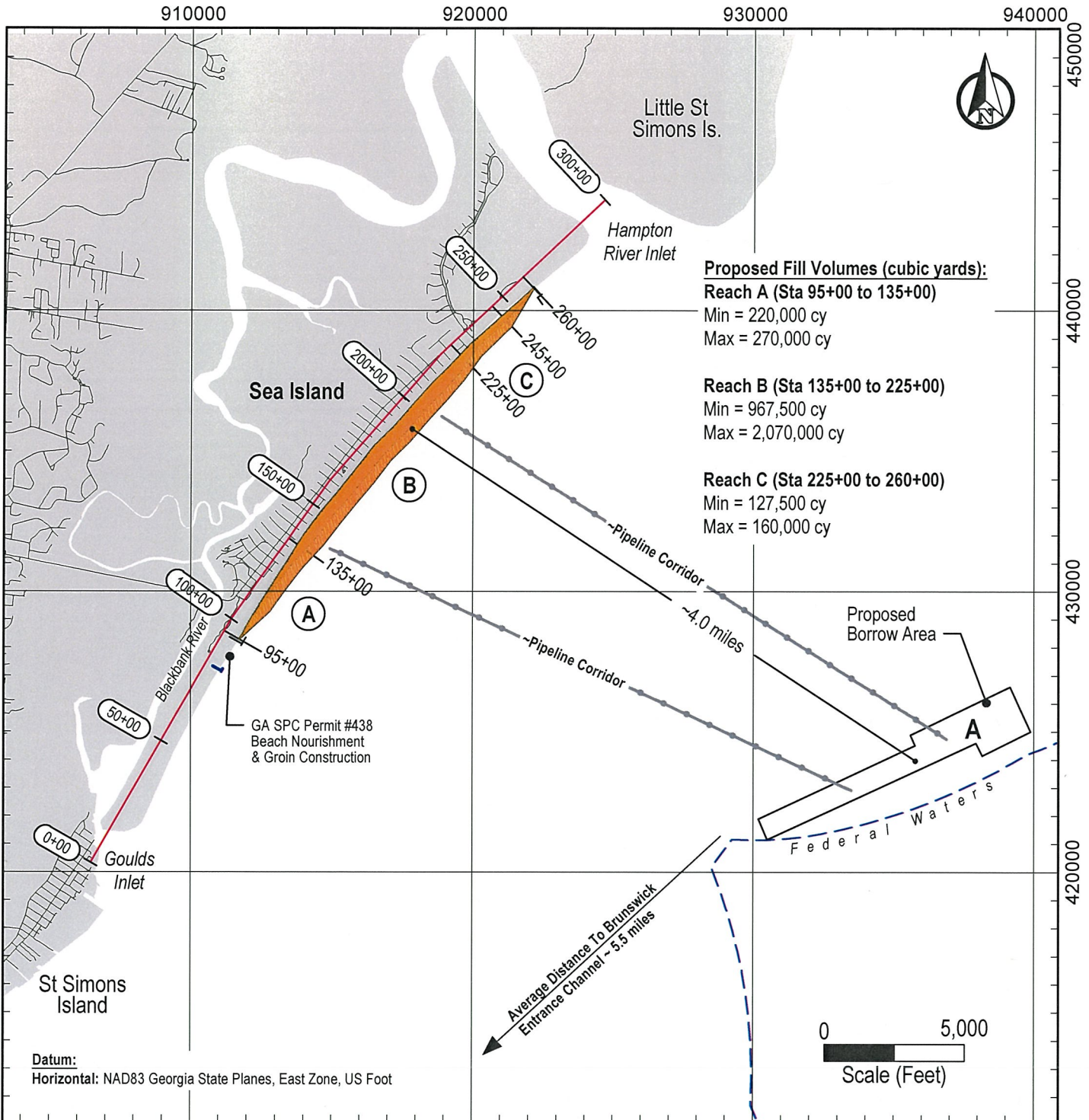
TMS#

PROJECT # 2473

SHEET #

01

GA DNR
 MAR 02 2018
 Marsh & Shore Mgt. Program



APPLICANT:
Sea Island Acquisition, LLC
351 Sea Island Road
Saint Simons Island, Georgia 31522

AGENT:
Daniel H. Bucey - Resource & Land Consultants, LLC
41 Park of Commerce Way Suite 303
Savannah GA 31405

GA DNR

MAR 02 2018

Marsh & Shore Mgmt Program

DRAFT

Not For Construction

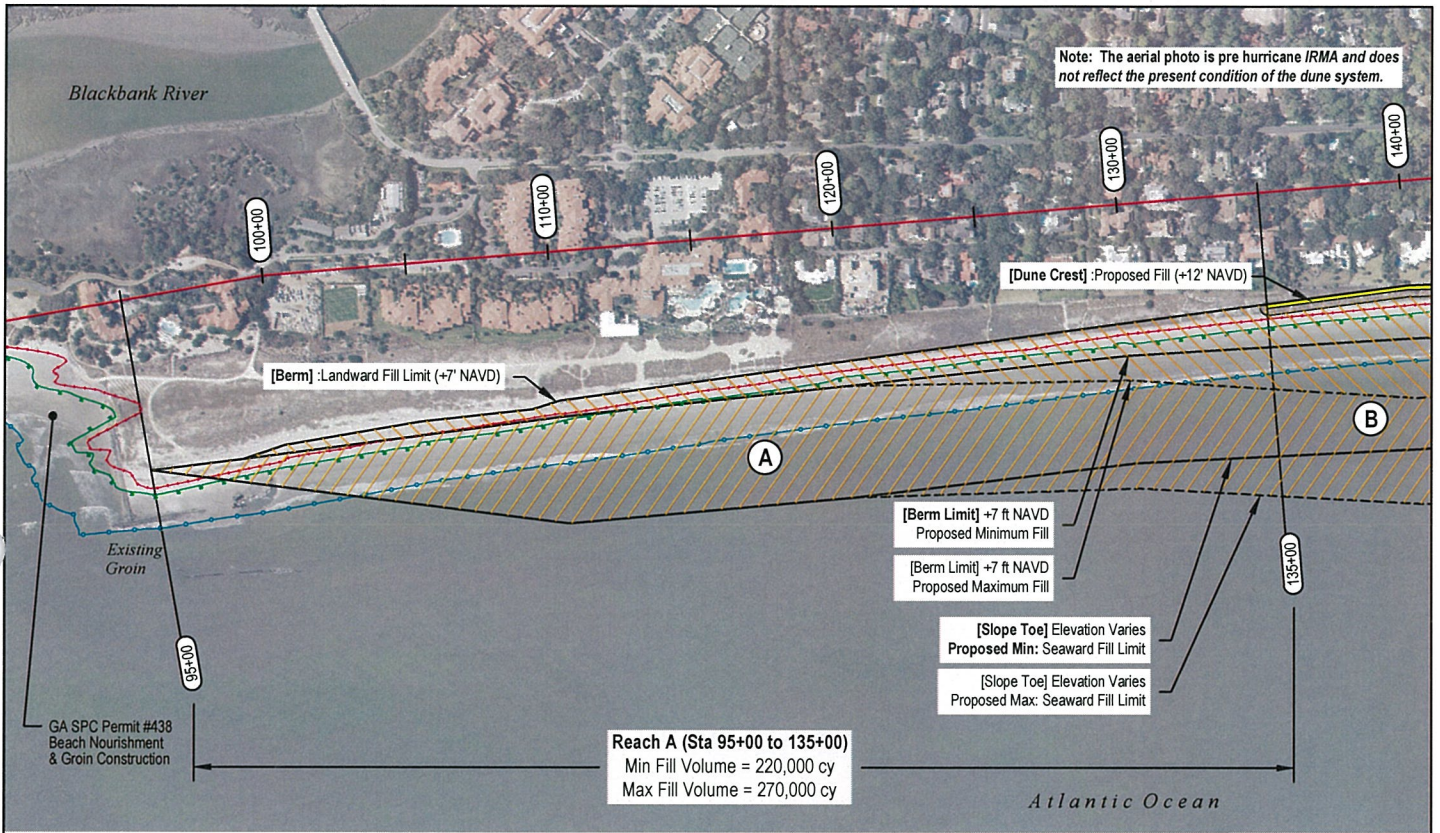
DRAWING TITLE:
Overall Project Map

SCALE: AS SHOWN
DATE: 28 Feb 2018
TMS#
PROJECT #: 2473

SHEET #

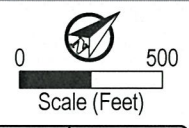
02

Datum:
Horizontal: NAD83 Georgia State Planes, East Zone, US Foot



Datum:
 Horizontal: NAD83 Georgia State Planes, East Zone, US Foot
 Vertical: Feet NAVD
 Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017
 Photo Source: Sea Island Spring 2016

- OHWM (+4.89 ft NAVD)
- MHHW (+2.97 ft NAVD)
- MLLW (-4.20 ft NAVD)
- Proposed Dune Fill (+12 ft NAVD)
- Proposed Berm Fill (+7 ft NAVD)
- Proposed Slope Fill (Slope 1on25)



DRAFT

Not For Construction

APPLICANT:
 Sea Island Acquisition, LLC
 351 Sea Island Road
 Saint Simons Island, Georgia 31522

AGENT:
 Daniel H. Bucey - Resource & Land Consultants, LLC
 41 Park of Commerce Way Suite 303
 Savannah GA 31405

DRAWING TITLE:
 Project Plan
Reach A
 Sta 95+00 to 135+00

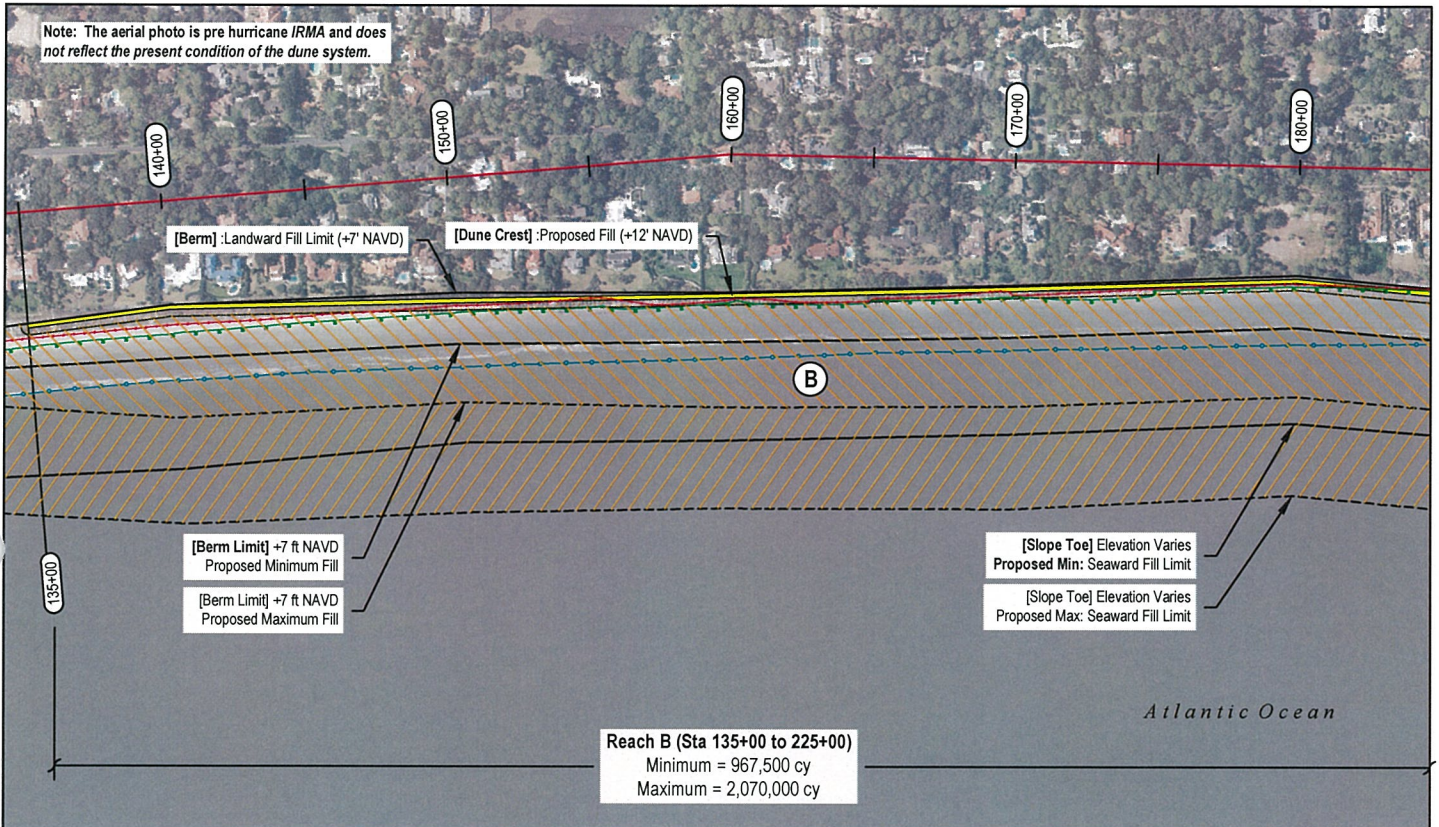
Scale: As Shown	Sheet #: 03
Date: 28 Feb 2018	
Permit #	
Project #: 2473	

GA DNR

MAR 02 2018

Marsh & Shore Mgt. Program

Note: The aerial photo is pre hurricane IRMA and does not reflect the present condition of the dune system.



Datum:

Horizontal: NAD83 Georgia State Planes, East Zone, US Foot

Vertical: Feet NAVD

Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017

Photo Source: Sea Island Spring 2016

OHWM (+4.89 ft NAVD)

MHHW (+2.97 ft NAVD)

MLLW (-4.20 ft NAVD)

Proposed Dune Fill (+12 ft NAVD)

Proposed Berm Fill (+7 ft NAVD)

Proposed Slope Fill (Slope 1on25)



APPLICANT:
Sea Island Acquisition, LLC
351 Sea Island Road
Saint Simons Island, Georgia 31522

AGENT:
Daniel H. Bucey - Resource & Land Consultants, LLC
41 Park of Commerce Way Suite 303
Savannah GA 31405

DRAWING TITLE:
Project Plan
Reach B
Sta 135+00 to 180+00

Scale: As Shown Sheet #: **04**
Date: 28 Feb 2018
Permit #
Project #: 2473

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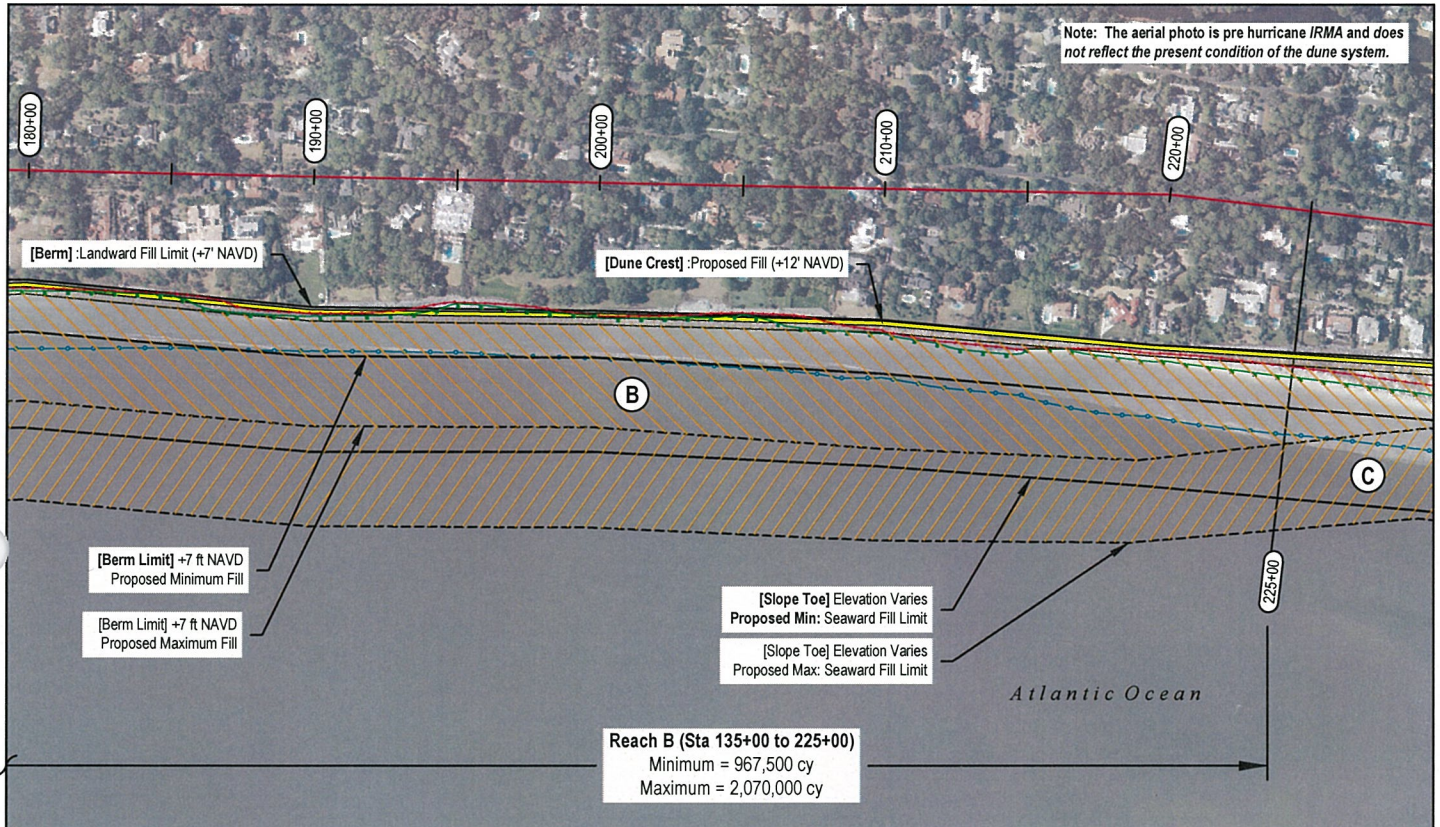


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Note: The aerial photo is pre hurricane IRMA and does not reflect the present condition of the dune system.



Datum:
 Horizontal: NAD83 Georgia State Planes, East Zone, US Foot
 Vertical: Feet NAVD
 Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017
 Photo Source: Sea Island Spring 2016

— OHWM (+4.89 ft NAVD)
 — MHHW (+2.97 ft NAVD)
 — MLLW (-4.20 ft NAVD)

Proposed Dune Fill (+12 ft NAVD)
 Proposed Berm Fill (+7 ft NAVD)
 Proposed Slope Fill (Slope 1on25)



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DRAWING TITLE:
 Project Plan
Reach B
 Sta 180+00 to 225+00

Scale: As Shown
 Date: 28 Feb 2018
 Permit #
 Project #: 2473

Sheet #
05

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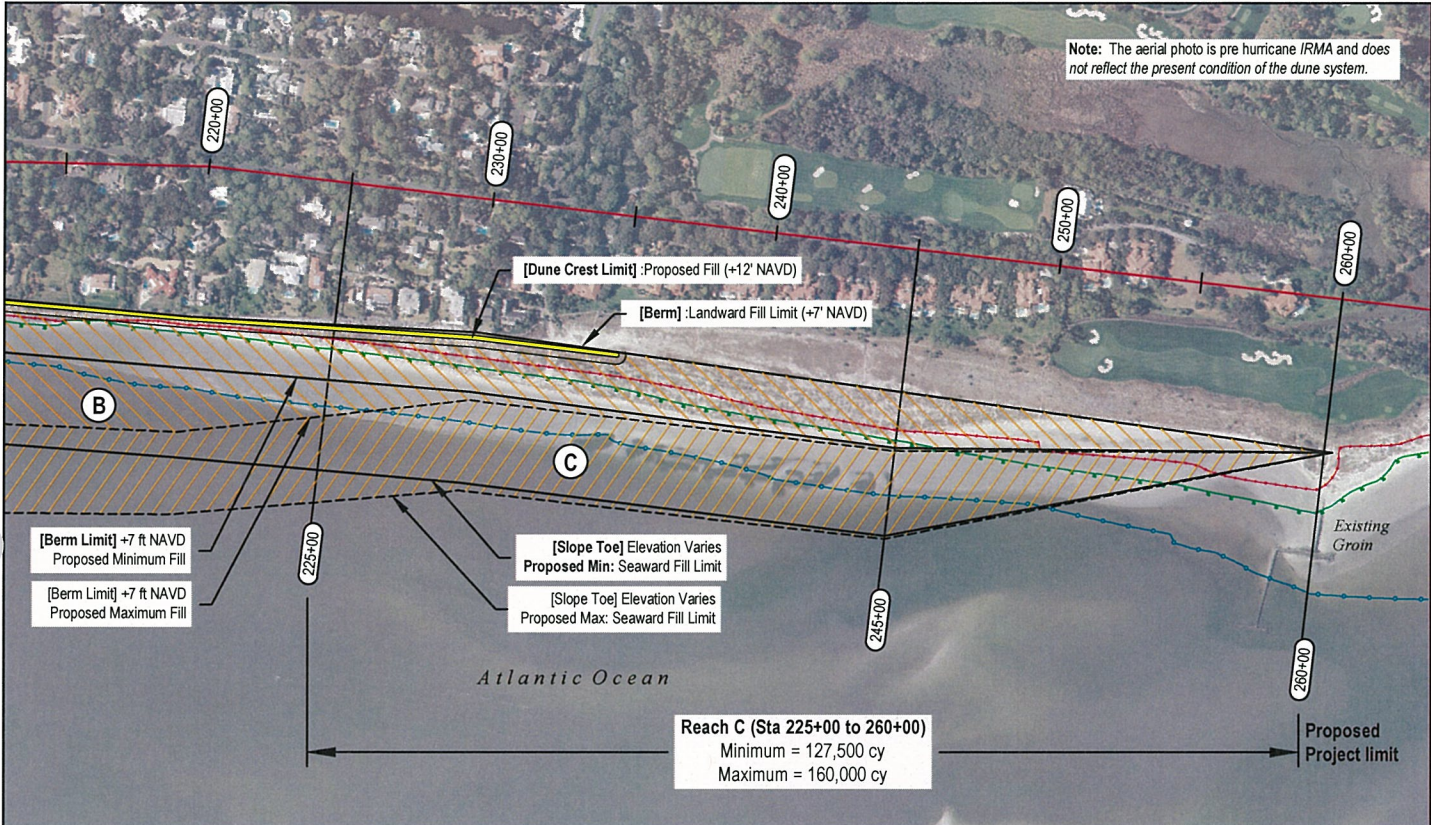


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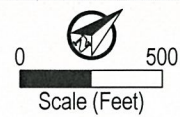
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Note: The aerial photo is pre hurricane IRMA and does not reflect the present condition of the dune system.



Datum:
 Horizontal: NAD83 Georgia State Planes, East Zone, US Foot
 Vertical: Feet NAVD
 Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017
 Photo Source: Sea Island Spring 2016

- OHHW (+4.89 ft NAVD)
- MHHW (+2.97 ft NAVD)
- MLLW (-4.20 ft NAVD)
- Proposed Dune Fill (+12 ft NAVD)
- Proposed Berm Fill (+7 ft NAVD)
- Proposed Slope Fill (Slope 1on25)



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DRAWING TITLE:
 Project Plan
Reach C
 Sta 225+00 to 260+00

Scale:	As Shown	Sheet #:
Date:	28 Feb 2018	06
Permit #		
Project #:	2473	

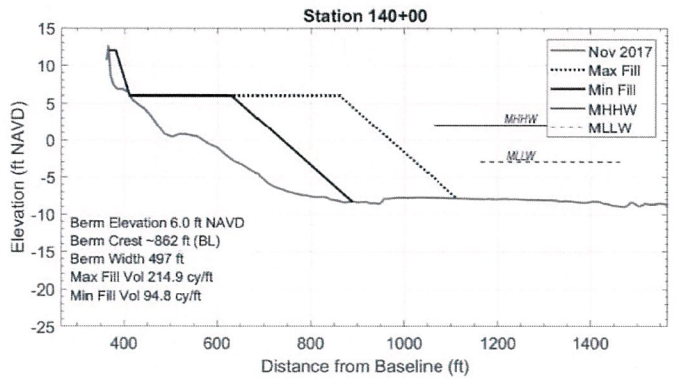
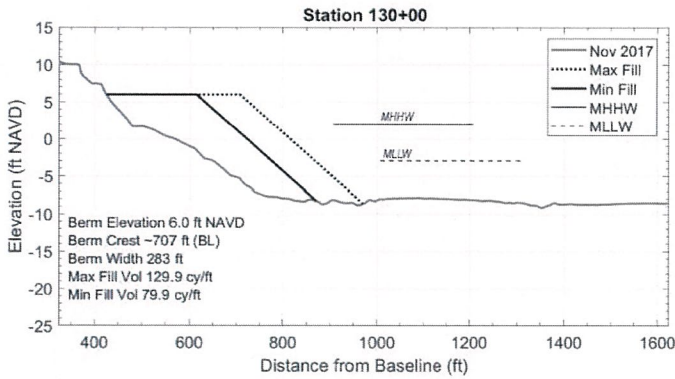
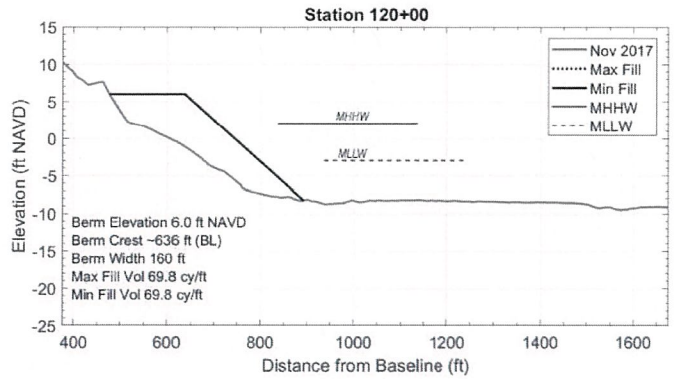
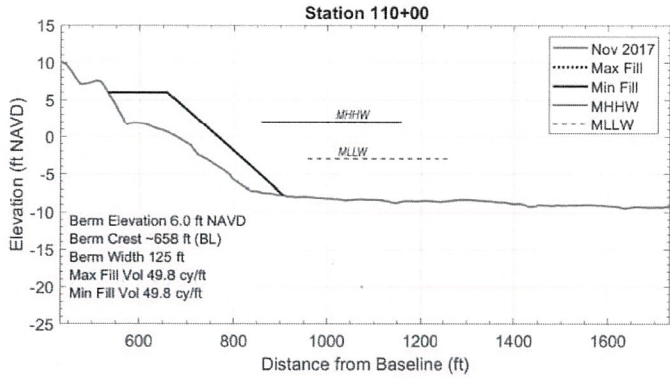
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Datum:
Verticle: Feet NAVD
Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017

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DRAWING TITLE:
 Proposed Fill Sections
 Sta 110+00 to 140+00

Scale:	As Shown	Sheet #:	07
Date:	28 Feb 2018		
Permit #			
Project #	2473		

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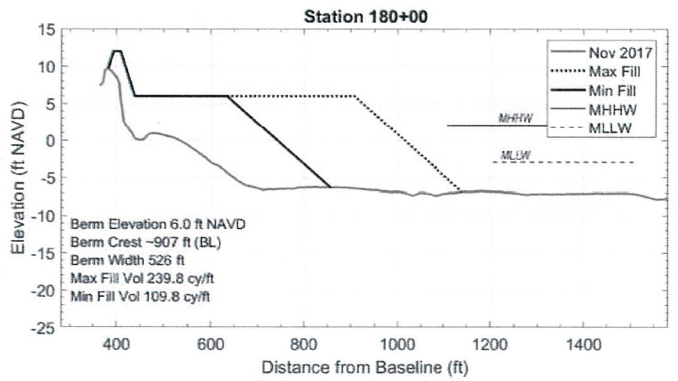
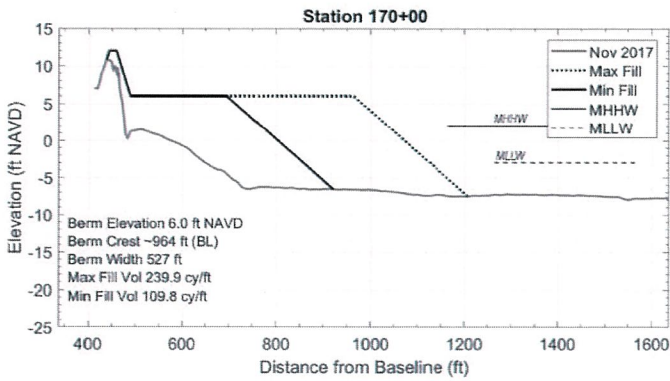
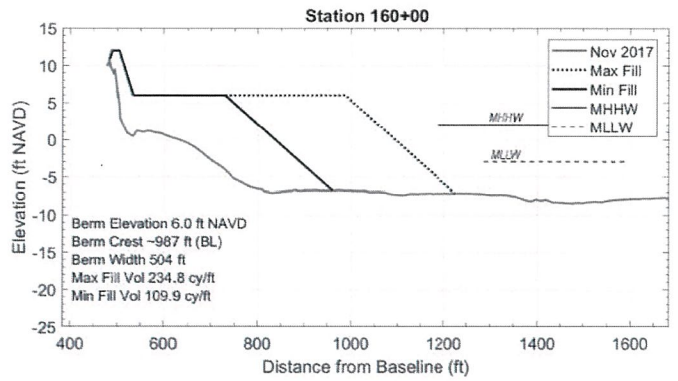
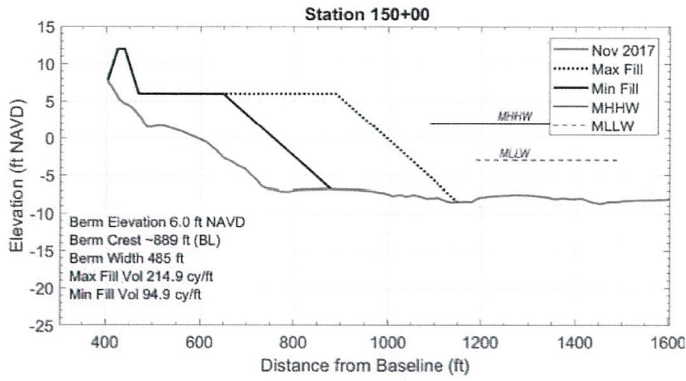
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Datum:
Verticle: Feet NAVD
Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017

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DRAWING TITLE:
 Proposed Fill Sections
 Sta 150+00 to 180+00

Scale:	As Shown	Sheet #:	08
Date:	28 Feb 2018		
Perm#			
Project #	2473		

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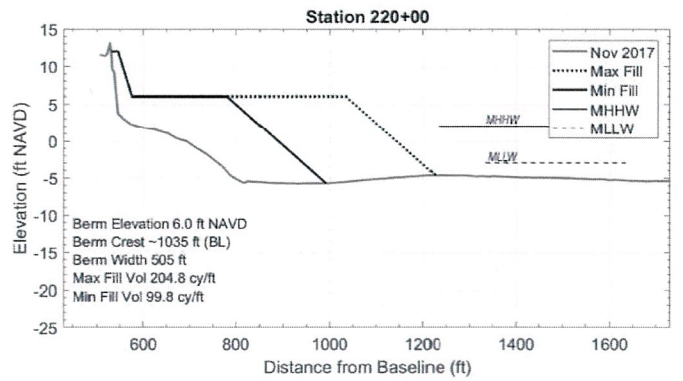
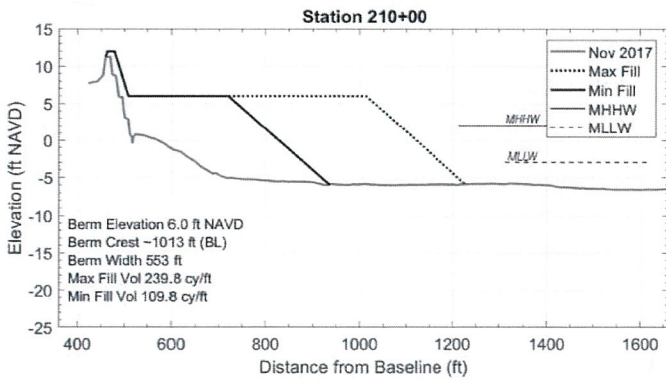
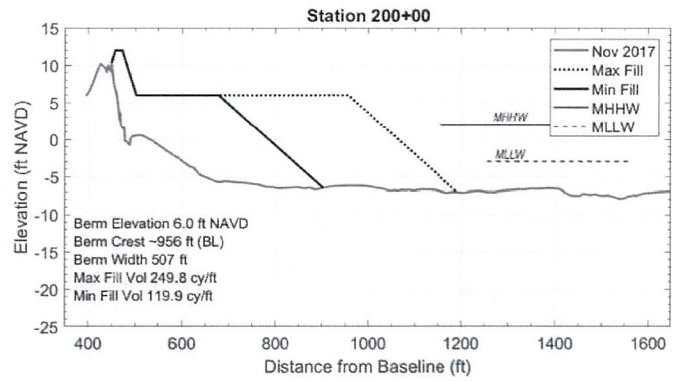
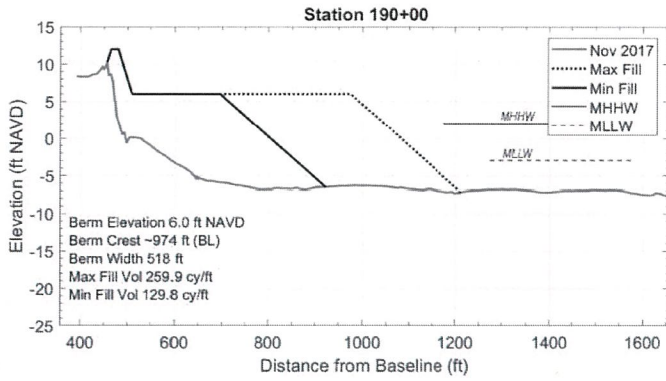
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Datum:
 Vertical: Feet NAVD
 Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017

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DRAWING TITLE:
 Proposed Fill Sections
 Sta 190+00 to 220+00

Scale:	As Shown	Sheet #
Date:	28 Feb 2018	09
Permit #		
Project #	2473	

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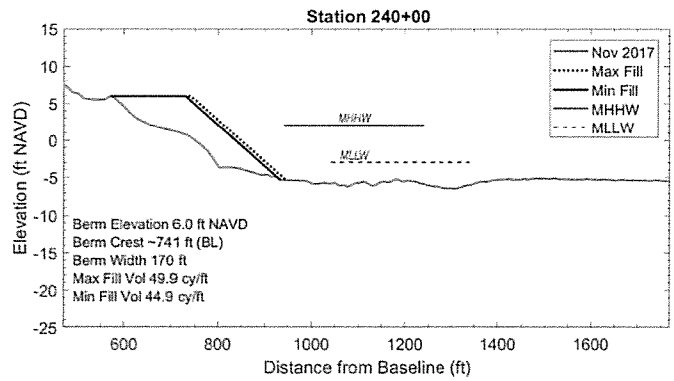
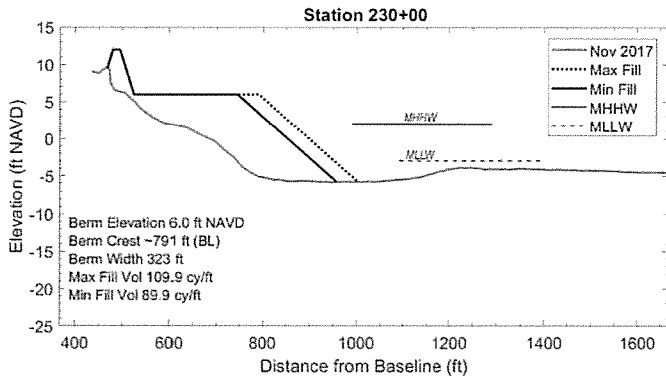
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Datum:
 Vertical: Feet NAVD
 Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017

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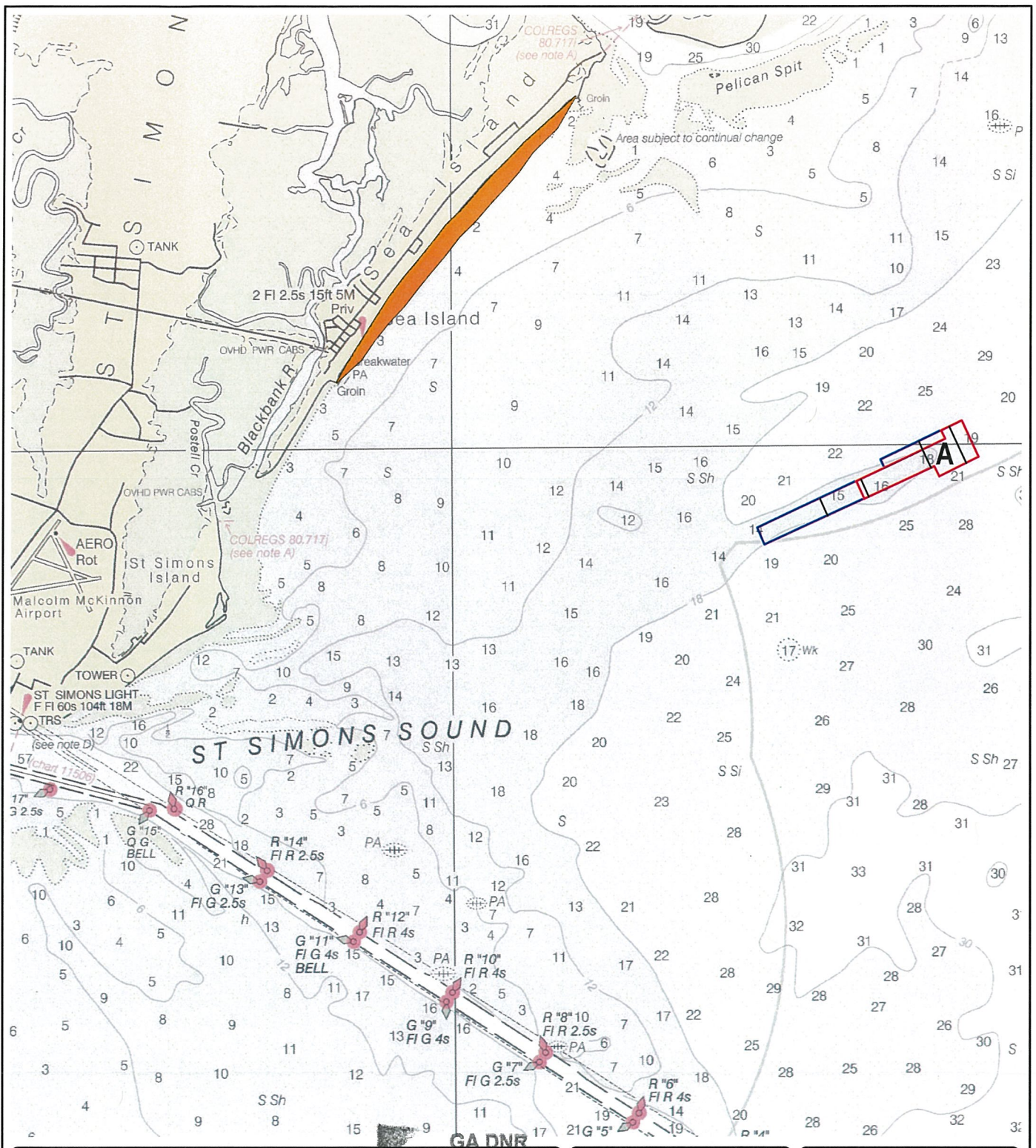
DRAWING TITLE:
 Proposed Fill Sections
 Sta 230+00 to 240+00

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Date:	28 Feb 2018	10
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Project #:	2473	

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DRAWING TITLE:
 Area Bathymetry
 NOAA Map 11502

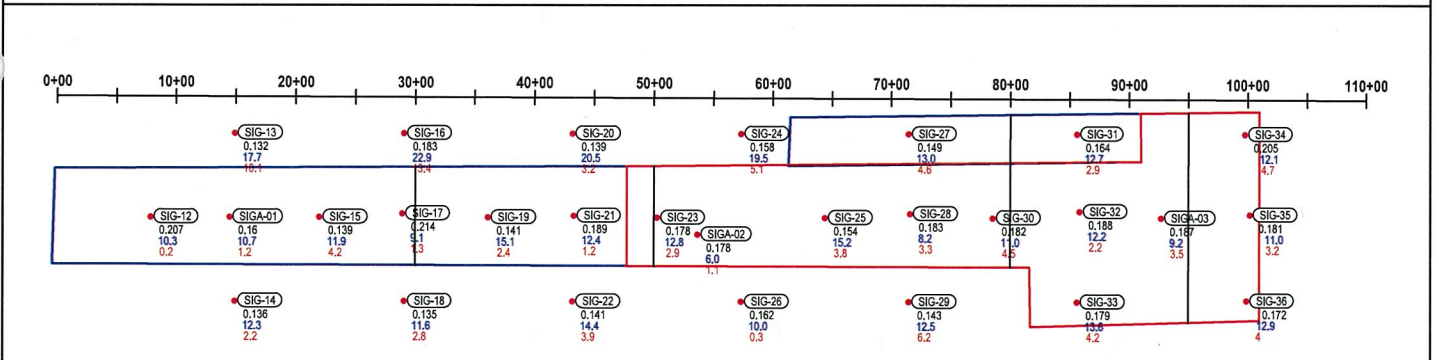
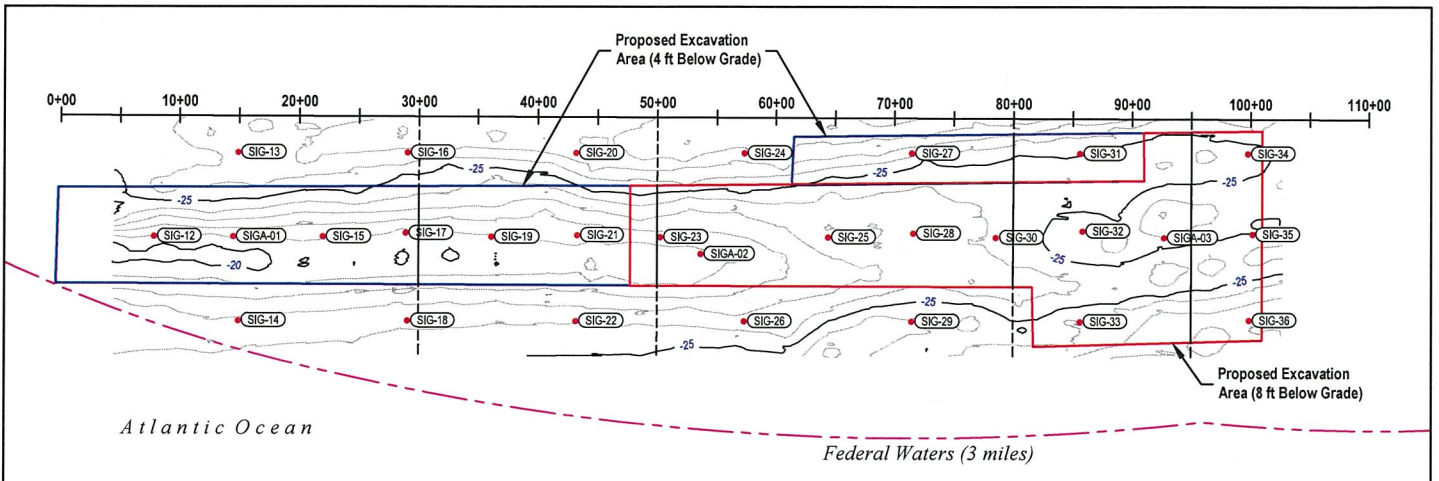
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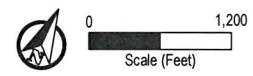
SCALE: AS SHOWN
 DATE: 28 Feb 2018
 TMS#
 PROJECT #: 2473

SHEET #
11



Datum:
 Horizontal: NAD83 Georgia State Planes, East Zone, US Foot
 Vertical: Feet NAVD
 Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017

Core Key
 Mean Grain Size (mm)
 Percent Shell
 Percent Mud



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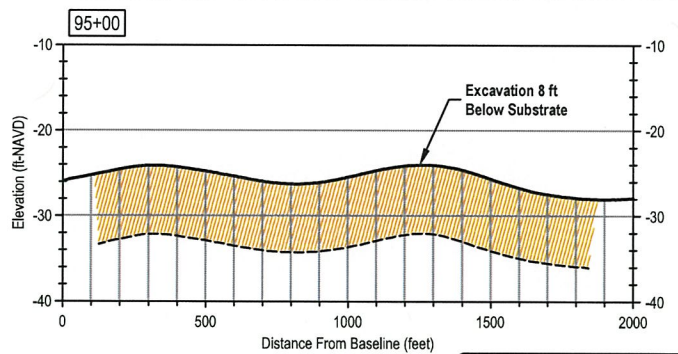
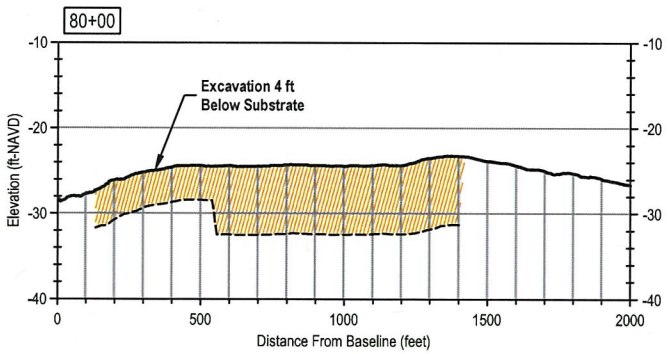
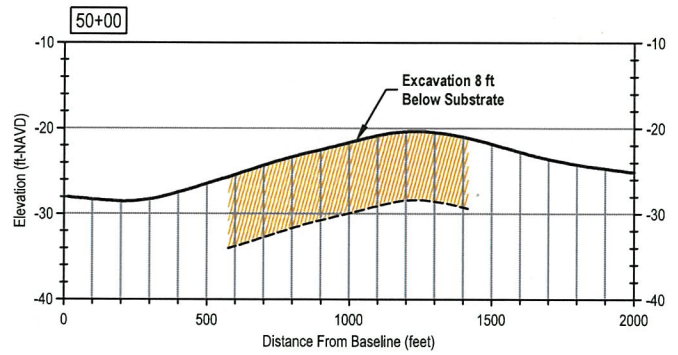
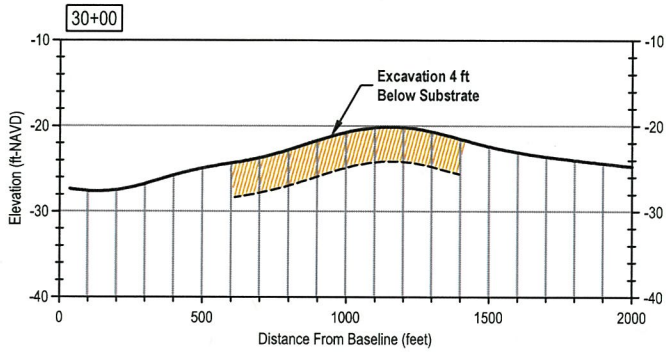
DRAWING TITLE:
 Borrow Area Bathymetry
 & Geotechnical Data

Scale:	As Shown	Sheet #
Date:	28 Feb 2018	12
Permit #		
Project #	2473	

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Datum:
 Horizontal: NAD83 Georgia State Planes, East Zone, US Foot
 Vertical: Feet NAVD
 Vertical Exaggeration: 30
 Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017

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DRAWING TITLE:
 Proposed Borrow Area
 Excavation Sections

Scale:	As Shown	Sheet #:
Date:	28 Feb 2018	13
Permit #:		
Project #:	2473	

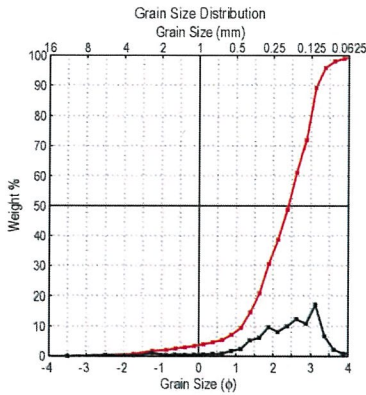
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Project 2473
 Location Sea Island, GA
 Date Apr 2017

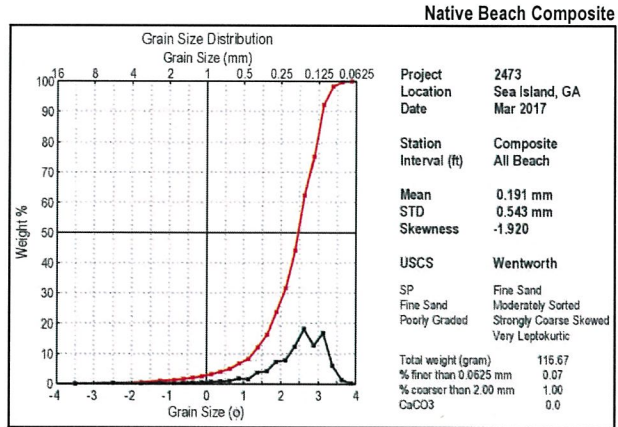
Station 4 ft Comp
 Interval (ft) 0-4

Mean 0.198 mm
 STD 0.505 mm
 Skewness -1.537

USCS Wentworth

SP Fine Sand
 Fine Sand Moderately Sorted
 Poorly Graded Strongly Coarse Skewed
 Leptokurtic

Total weight (gram) 2217.69
 % finer than 0.0625 mm 1.11
 % coarser than 2.00 mm 1.68
 CaCO3 0.0



Project 2473
 Location Sea Island, GA
 Date Mar 2017

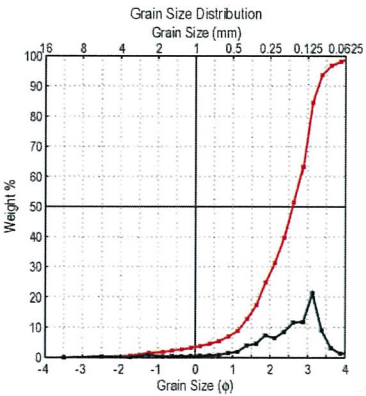
Station Composite
 Interval (ft) All Beach

Mean 0.191 mm
 STD 0.543 mm
 Skewness -1.920

USCS Wentworth

SP Fine Sand
 Fine Sand Moderately Sorted
 Poorly Graded Strongly Coarse Skewed
 Very Leptokurtic

Total weight (gram) 116.67
 % finer than 0.0625 mm 0.07
 % coarser than 2.00 mm 1.00
 CaCO3 0.0



Project 2473
 Location Sea Island, GA
 Date Apr 2017

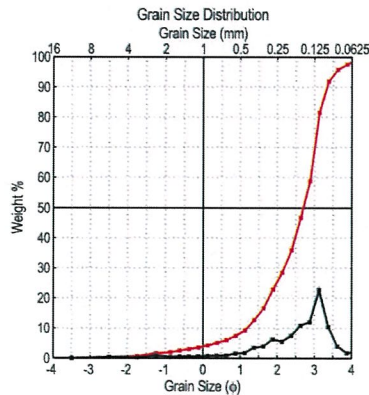
Station 6 ft Comp
 Interval (ft) 0-6

Mean 0.179 mm
 STD 0.501 mm
 Skewness -1.618

USCS Wentworth

SP Fine Sand
 Fine Sand Moderately Sorted
 Poorly Graded Strongly Coarse Skewed
 Leptokurtic

Total weight (gram) 2216.26
 % finer than 0.0625 mm 1.82
 % coarser than 2.00 mm 1.48
 CaCO3 0.0



Project 2473
 Location Sea Island, GA
 Date Apr 2017

Station 8 ft Comp
 Interval (ft) 0-8

Mean 0.172 mm
 STD 0.489 mm
 Skewness -1.660

USCS Wentworth

SP Fine Sand
 Fine Sand Poorly Sorted
 Poorly Graded Strongly Coarse Skewed
 Leptokurtic

Total weight (gram) 2215.18
 % finer than 0.0625 mm 2.46
 % coarser than 2.00 mm 1.52
 CaCO3 0.0

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DRAWING TITLE:
 Geotechnical Data
 Grain Size Distributions

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14

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