

**OCEAN HIGHWAY & PORT AUTHORITY
NASSAU COUNTY**

SPECIAL MEETING AGENDA

Wednesday, September 25, 2019

1:00 PM

**John Drew Tax Collector
86130 License Road #9
Fernandina Beach, FL 32034**

1:00 PM – Meeting Called to Order – Chairman

Invocation & Pledge of Allegiance

Roll Call: Robert Sturgess, District 1; Danny Fullwood, District 2, Scott Hanna, District 3; Carrol Franklin, District 4; Mike Cole, District 5

1. Review Maintenance Dredging Proposal
2. Adjourn

If a person decides to appeal any decision made by the board, agency, or commission with respect to any matter considered at such meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose, he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. Fla. Stat. § 286.0105.

SALONEN MARINE INC

86134 Maple Leaf Place
Yulee, FL 32097

www.salonenmarine.co
m
904-662-3304

Proposal

Date	Estimate #
9/20/2019	505463

Name / Address
Ocean Highway & Port Authority 86130 License Rd. #9 Fernandina Beach, FL 32034

		Project	
		Dredging	
Item	Description	Qty	Rate
Dredging	<p>Salonen Marine Inc. hereby proposes the following: Dredge approx 5600 cy of material from berths at the main wharf at the Port of Fernandina Beach, FL (Nassau Terminals) . Removal of dredge material will be performed by mechanically utilizing clam shell bucket removal system to a depth of -40 ft MLW. Approx 5600 cy will be removed to a depth of 40' at MLW. (Dredge quality to be based on post dredge survey vs pre-dredge survey).</p> <p>Dry spoil will be hauled off via dump trucks for final upland disposal. (included in proposal price) Proposal includes all labor, equipment, fuel, materials, pre and post dredging survey to achieve said task. If Performance Bond required additional approx cost 2% to be added to proposal price.</p>	5,600	40.00

Thank you for your consideration.

Signature _____



Salonen Marine Inc

Salonen Marine Inc was incorporated May 10, 1999. We specialize in demolition, marine salvage, dredging, artificial reef deployment, marine construction, and maritime transportation. Salonen has various equipment to provide Ocean Highway and Port Authority with for the accomplishment of the removal of dredge materials. Salonen Marine is self sufficient for mechanical dredging within itself We own the necessary excavators, loaders, clam shell bucket, barges, and tugboats. Therefore, no outside subcontractors are necessary for us to successfully complete the project in a timely manner

Salonen Marine Inc has performed and assisted in numerous dredging projects over its 20 years of existence. Some former projects include:

- *Dredging for Wood Hopkins at dredging berth 18 for Jax Port
- *Dredging of Commodore Point, Jacksonville FL
- *Dredging for Queens Harbor Jacksonville, FL
- *Operated pump off station for Wood Hopkins
- *Multiple dredging projects for SeaTech Int, Jacksonville FL
- *Multiple dredging projects for Subaqueous Services, including dredging berth 18 for Jax Port, City of Fernandina Marina, and the ICW
- *Multiple dredging projects in Ortega River with Dell Marine LLC
- *Current contract for Dredging Epping Forest Yacht Club and Marina, Jacksonville FL with Dana B. Kenyon Company and Kenyon Marine

Salonen Marine Inc is pleased to offer its services to the Nassau County Ocean Highway and Port Authority to successfully achieve its goal of the removal of approx. 5500 cy of material. We appreciate your consideration on this project and look forward to hearing and hopefully working with you in the future.



Jani "John" Salonen, President

Salonen Marine Inc

904-662-3304

www.salonenmarine.com

86134 Maple Leaf Place
Yulee, FL 32097

(904) 662-3304
904-225-3614
www.salonenmarine.com



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
POST OFFICE BOX 4970
JACKSONVILLE, FLORIDA 32232

July 29, 2019

REPLY TO
ATTENTION OF

Regulatory Division
North Permits Branch
Jacksonville Permits Section
SAJ-2019-02231

Worldwide Terminals Port of Fernandina
Attn: Mr. Christopher Ragucci
501 North 3rd Street
Fernandina Beach, Florida 32034

Sent via: chris.ragucci@worldwideterminals.com

Dear Mr. Ragucci:

The U.S. Army Corps of Engineers (Corps) assigned your application for a Department of the Army permit the file number SAJ-2019-02231. The project site is adjacent to the terminus of North Street (Nassau County Property Appraiser Parcel Identification Number 00-00-31-1760-0008-0020), in Section 7, Township 3 North, Range 28 East, Fernandina Beach, Nassau County, Florida. The approximate central coordinates of the work area are latitude 30.678242°, longitude -81.464215°. The project affects non-vegetated, open-water and submerged bottom of the Amelia River. A review of the information and drawings provided indicates that a clamshell dredge would be used to remove approximately 5,515 cubic yards of accumulated sediment from an approximately 0.69-acre area within a commercial basin. The work would restore the basin to -40 feet mean low water.

The project, as depicted on the enclosed drawings, is authorized by Nationwide Permit (NWP) Number 35. In addition, project specific conditions have been enclosed. This verification is valid until **March 18, 2022**. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant nationwide permit is modified or revoked, you will have 12 months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this nationwide permit. Please access the U.S. Army Corps of Engineers' (Corps) Jacksonville District's Regulatory Internet page to access Internet links to view the Final Nationwide Permits, Federal Register Vol. 82, dated January 6, 2017, specifically pages 1983 to 2008, and the table of Regional Conditions. The Internet page address is:

<http://www.saj.usace.army.mil/Missions/Regulatory.aspx>

Please be aware this Internet address is case sensitive and should be entered as it appears above. Once there you will need to click on "Source Book"; and, then click on "Nationwide Permits". These files contain the description of the Nationwide Permit authorization, the Nationwide Permit general conditions, and the regional conditions, which apply specifically to this verification for NWP 35. Enclosed is a list of the six General Conditions, which apply to all Department of the Army authorizations. You must comply with all of the special and general

conditions and any project specific condition of this authorization or you may be subject to enforcement action. In the event you have not completed construction of your project within the specified time limit, a separate application or re-verification may be required.

The following special conditions are included with this verification:

1. **Reporting Address:** The Permittee shall submit all reports, notifications, documentation, and correspondence required by the general and special conditions of this permit to the following address:

a. For standard mail: U.S. Army Corps of Engineers, Regulatory Division, Special Projects and Enforcement Branch, Post Office Box 4970, Jacksonville, Florida 32232-0019.

b. For electronic mail SAJ-RD-Enforcement@usace.army.mil (not to exceed 10 MB).

The Permittee shall reference this permit number, SAJ-2019-02231, on all submittals.

2. **Commencement Notification:** Within 10 days from the date of initiating the work authorized by this permit, the Permittee shall provide a written notification of the date of commencement of authorized work to the Corps.

3. **Turbidity Barriers:** Prior to the initiation of any of the work authorized by this permit, the Permittee shall install floating turbidity barriers with weighted skirts that extend to within 1 foot of the bottom around all work areas that are in, or adjacent to, surface waters. The turbidity barriers shall remain in place and be maintained until the authorized work has been completed and all suspended and erodible materials have been stabilized. Turbidity barriers shall be removed upon stabilization of the work area.

4. **Manatee Conditions:** The Permittee shall comply with the attached *Standard Manatee Conditions for In-Water Work – 2011*.

5. **Sea Turtle and Smalltooth Sawfish Conditions:** The Permittee shall comply with the attached *Sea Turtle and Smalltooth Sawfish Construction Conditions, March 23, 2006*.

6. **Clamshell Dredge Operations:** The Permittee shall only utilize a clamshell dredge; and, shall only conduct dredge operations during daylight hours.

7. **Dredged material Disposal:** The Permittee shall place all dredged material in a self-contained, upland disposal site. The Permittee shall maintain the upland disposal site to prevent the discharge of dredged material and associated effluent into waters of the United States.

8. **Assurance of Navigation and Maintenance:** The Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the

Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

9. **Self-Certification:** Within 60 days of completion of the work authorized by this permit, the Permittee shall complete the attached *Self-Certification Statement of Compliance* form and submit it to the Corps. In the event that the completed work deviates in any manner from the authorized work, the Permittee shall describe the deviations between the work authorized by this permit and the work as constructed on the *Self-Certification Statement of Compliance* form. The description of any deviations on the *Self-Certification Statement of Compliance* form does not constitute approval of any deviations by the Corps.

This letter of authorization does not obviate the necessity to obtain any other Federal, State, or local permits, which may be required. Prior to the initiation of any construction, projects qualifying for this Nationwide permit must qualify for an exemption under section 403.813(1), Florida Statutes or 373.406, Florida Statutes, or otherwise be authorized by the applicable permit required under Part IV of Chapter 373, Florida Statutes, by the Department of Environmental Protection, a water management district under section 373.069, Florida Statutes, or a local government with delegated authority under section 373.441, Florida Statutes, and receive Water Quality Certification and applicable Coastal Zone Consistency Concurrence or waiver thereto, as well as any authorizations required for the use of state-owned submerged lands under Chapter 253, Florida Statutes, and, as applicable, Chapter 258, Florida Statutes. You should check State-permitting requirements with the Florida Department of Environmental Protection or the appropriate water management district.


This letter of authorization does not include conditions that would prevent the 'take' of a state-listed fish or wildlife species. These species are protected under sec. 379.411, Florida Statutes, and listed under Rule 68A-27, Florida Administrative Code. With regard to fish and wildlife species designated as species of special concern or threatened by the State of Florida, you are responsible for coordinating directly with the Florida Fish and Wildlife Conservation Commission (FWC). You can visit the FWC license and permitting webpage (<http://www.myfwc.com/license/wildlife/>) for more information, including a list of those fish and wildlife species designated as species of special concern or threatened. The Florida Natural Areas Inventory (<http://www.fnai.org/>) also maintains updated lists, by county, of documented occurrences of those species.

This letter of authorization does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

If you are unable to access the internet or require a hardcopy of any of the conditions, limitations, or expiration date for the above referenced NWP, please contact Mark Evans by telephone at 904-232-2028.

Thank you for your cooperation with our permit program. The Corps Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. Please visit http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey to complete our automated Customer Service Survey. Please be aware this Internet address is case sensitive; and, you will need to enter it exactly as it appears above. Your input is appreciated – favorable or otherwise.

Sincerely,



for

Susan R. Kaynor
Chief, Jacksonville Permits Section

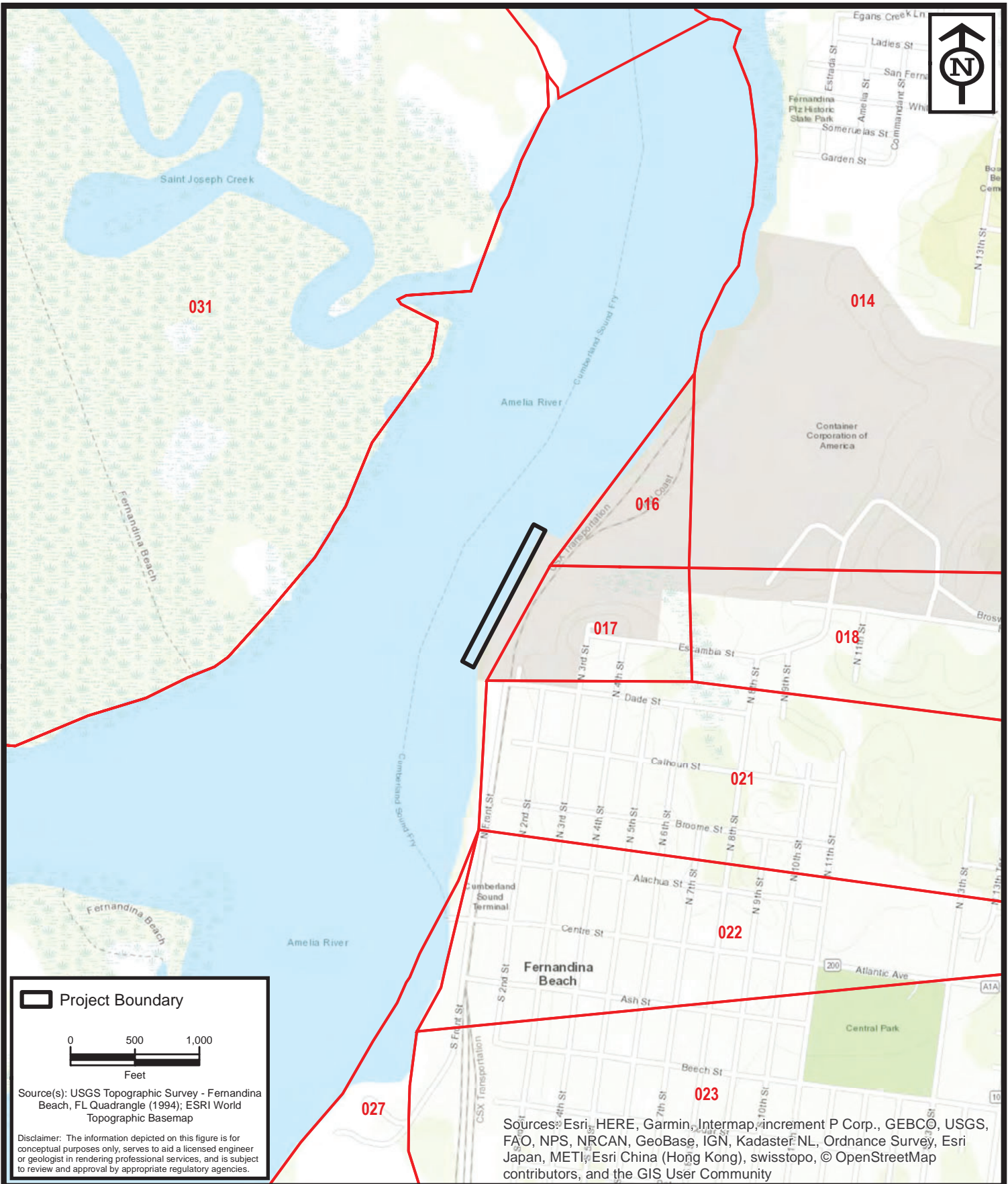
Enclosures

Copy Furnished:

Mr. Gary Howalt – ESI (ghowalt@esinc.cc)
CESAJ-RD-PE

GENERAL CONDITIONS
33 CFR PART 320-330

1. The time limit for completing the work authorized ends on **March 18, 2022**.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow a representative from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.



Project Boundary

0 500 1,000
Feet

Source(s): USGS Topographic Survey - Fernandina Beach, FL Quadrangle (1994); ESRI World Topographic Basemap

Disclaimer: The information depicted on this figure is for conceptual purposes only, serves to aid a licensed engineer or geologist in rendering professional services, and is subject to review and approval by appropriate regulatory agencies.

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

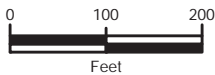
ENVIRONMENTAL SERVICES, INC.
7220 Financial Way, Suite 100
Jacksonville, Florida 32256
(904) 470-2200
(904) 470-2112 Fax
www.environmentalservicesinc.com

Project Location
Port of Fernandina
Ship Berth Maintenance Dredging
 Nassau County, Florida

Project:	EJ18459.00
Date:	Apr 2019
Drawn By:	JRN
Checked By:	GKH
Approved By:	GKH
Figure:	1



 Project Boundary



Source(s): Arc Surveying & Mapping, Inc.; Google Earth (2019)

Disclaimer: The information depicted on this figure is for conceptual purposes only, serves to aid a licensed engineer or geologist in rendering professional services, and is subject to review and approval by appropriate regulatory agencies.





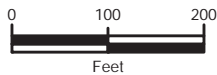
ENVIRONMENTAL SERVICES, INC.
 7220 Financial Way, Suite 100
 Jacksonville, Florida 32256
 (904) 470-2200
 (904) 470-2112 Fax
www.environmentalservicesinc.com

Aerial Photograph
Port of Fernandina
Ship Berth Maintenance Dredging
 Nassau County, Florida

Project:	EJ18459.00
Date:	Apr 2019
Drawn By:	JRN
Checked By:	GKH
Approved By:	GKH
Figure:	2



-  Project Boundary
-  Dredge Area (29,987.4 sq.ft.±)



Source(s): Arc Surveying & Mapping, Inc.; Google Earth (2019)

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ENVIRONMENTAL SERVICES, INC.

7220 Financial Way, Suite 100
Jacksonville, Florida 32256
(904) 470-2200
(904) 470-2112 Fax

www.environmentalservicesinc.com

Maintenance Dredging Area
Port of Fernandina
Ship Berth Maintenance Dredging
 Nassau County, Florida


Project:	EJ18459.00
Date:	Apr 2019
Drawn By:	JRN
Checked By:	GKH
Approved By:	GKH
Figure:	3




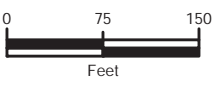
MAP OF A HYDROGRAPHIC SURVEY
A PORTION OF FERNANDINA HARBOR LOCATION
NASSAU TERMINAL, FERNANDINA BEACH, FLORIDA

AMELIA RIVER

NASSAU TERMINAL

 Project Boundary

 Dredge Area (29,987.4 sq.ft.±)



0 75 150
Feet

Source(s): Arc Surveying & Mapping, Inc.; Google Earth (2019)

Disclaimer: The information depicted on this figure is for conceptual purposes only, serves to aid a licensed engineer or geologist in rendering professional services, and is subject to review and approval by appropriate regulatory agencies.

SURVEY NOTES:

1. DESIGNATED BY THIS SURVEY ARE REVISIONS TO THE ORIGINAL DATA.
2. ALL REVISIONS TO THE ORIGINAL DATA ARE INDICATED BY A RED LINE.
3. THE ORIGINAL DATA WAS OBTAINED FROM THE NATIONAL NAVY CHARTS.
4. THE NATIONAL NAVY CHARTS ARE THE STATE OF FLORIDA'S OFFICIAL CHARTS.
5. THE ORIGINAL DATA WAS OBTAINED FROM THE NATIONAL NAVY CHARTS.
6. THE ORIGINAL DATA WAS OBTAINED FROM THE NATIONAL NAVY CHARTS.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



ENVIRONMENTAL SERVICES, INC.
7220 Financial Way, Suite 100
Jacksonville, Florida 32256
(904) 470-2200
(904) 470-2112 Fax
www.environmentalservicesinc.com

Hydrographic Survey

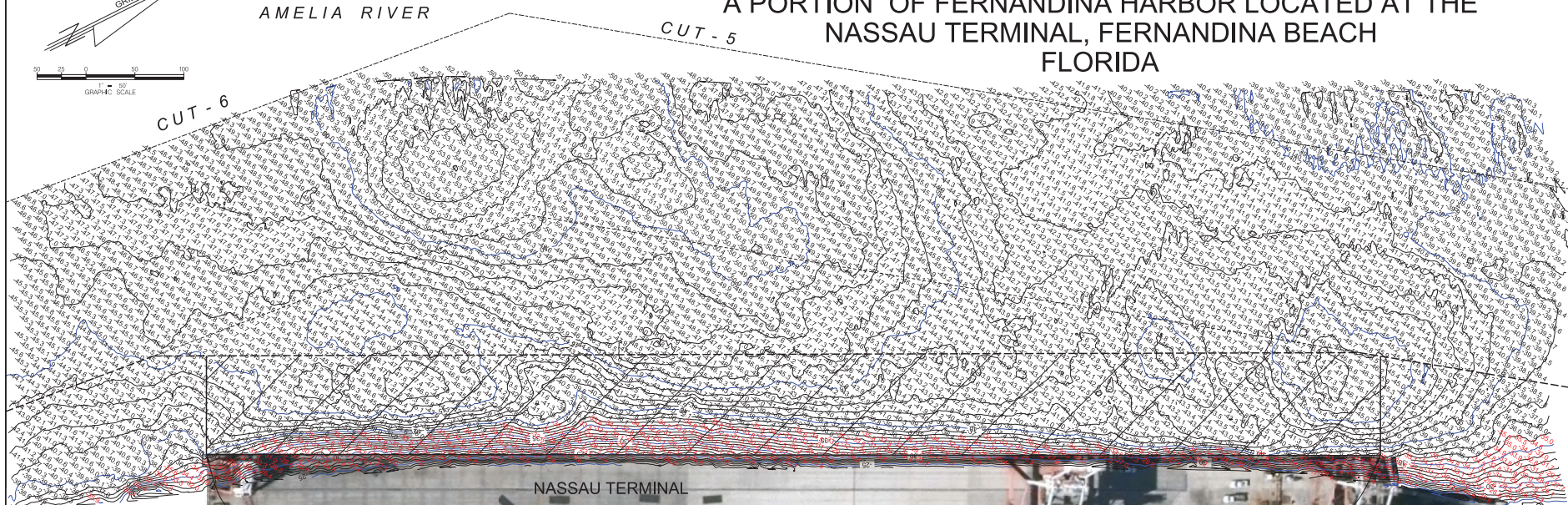
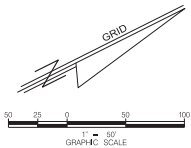
Port of Fernandina

Ship Berth Maintenance Dredging

Nassau County, Florida

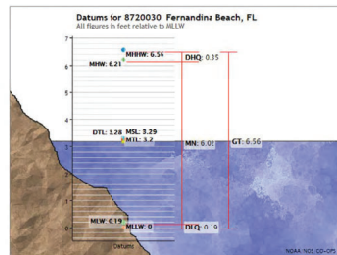
Project:	EJ18459.00
Date:	Apr 2019
Drawn By:	JRN
Checked By:	GKH
Approved By:	GKH
Figure:	4

MAP OF A HYDROGRAPHIC SURVEY OF A PORTION OF FERNANDINA HARBOR LOCATED AT THE NASSAU TERMINAL, FERNANDINA BEACH FLORIDA



SE CORNER OF DOCK
E 510,033,939
N 2,306,360,889

NE CORNER OF DOCK
E 510,551,646
N 2,307,423,202



- SURVEY NOTES:**
- DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MLLW. TIDAL EPOCH 1983-2001 AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). NOAA'S VDATUM MODEL WAS USED AND CALIBRATED TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARKS ASSOCIATED WITH THE TIDE GAGE SITES SPECIFIED BELOW:
NOAA TIDAL STATION 872-0030, FERNANDINA BEACH, AMELIA RIVER, FL
 - TIDAL REDUCTIONS WERE OBTAINED UTILIZING NOAA'S REAL TIME RECORDING TIDE STAFF LOCATED IN THE AMELIA RIVER.
 - PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
 - VERTICAL MEASUREMENTS WERE MADE USING A TELEDYNE SEABAT MODEL 7101 MULTIBEAM TRANSDUCER OPERATING AT 200 MHz.
 - DATE OF SURVEY IS JUNE 6, 2018.
 - THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME. THIS CHART IS SOLELY FOR THE DISTRIBUTION OF AVAILABLE DEPTHS AT THE TIME OF THE SURVEY.
 - SURVEY ACCURACY PERFORMANCE STANDARDS, QUALITY CONTROL AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 11100-4-1003, HYDROGRAPHIC SURVEYING, 30 NOV 13.

BERTH LIMITS	
	VOLUME SUMMARY WITHIN BERTH LIMITS:
	MATERIAL AVAILABLE ABOVE -36 MLLW: 2,238 CUBIC YARDS
	MATERIAL AVAILABLE ABOVE -38 MLLW: 3,815 CUBIC YARDS
	MATERIAL AVAILABLE ABOVE -40 MLLW: 5,515 CUBIC YARDS

DATE	BY	REVISION
02-13-19	MMS	VOLUMES TO 40.0
08-23-18	RJS	ADD BERTH LIMITS

Project: Hydrographic Condition Survey
06 May, 2018 Survey

Prepared For: World Terminals Fernandina
2345 Friendly Road
Fernandina Beach, FL 32034
904-272-5863

Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904-284-6377



LB No. 6487
Drawn By: RJS
Scale: 1" = 50'
Plot Date: 06/07/18
File Name:
File Bk / Pkg:
ARC Project No.: 18-06-04
SHEET: 01 OF 01

Port of Fernandina

Dredge Spoil Stockpile Area

Stockpile Area

Google Earth

© 2018, Google

Escamb

N 3rd St

N 4th St



500 ft



STANDARD MANATEE CONDITIONS FOR IN-WATER WORK

2011

The permittee shall comply with the following conditions intended to protect manatees from direct project effects:

- a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
- b. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
- c. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.
- d. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.
- e. Any collision with or injury to a manatee shall be reported immediately to the Florida Fish and Wildlife Conservation Commission (FWC) Hotline at 1-888-404-3922. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or in Vero Beach (1-772-562-3909) for south Florida, and emailed to FWC at ImperiledSpecies@myFWC.com.
- f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Temporary signs that have already been approved for this use by the FWC must be used. One sign which reads *Caution: Boaters* must be posted. A second sign measuring at least 8½" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities. These signs can be viewed at http://www.myfwc.com/WILDLIFEHABITATS/manatee_sign_vendors.htm. Questions concerning these signs can be forwarded to the email address listed above.

CAUTION: MANATEE HABITAT

All project vessels

IDLE SPEED / NO WAKE

When a manatee is within 50 feet of work
all in-water activities must

SHUT DOWN

Report any collision with or injury to a manatee:



Wildlife Alert:

1-888-404-FWCC(3922)

cell *FWC or #FWC



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Southeast Regional Office
263 13th Avenue South
St. Petersburg, FL 33701

SEA TURTLE AND SMALLTOOTH SAWFISH CONSTRUCTION CONDITIONS

The permittee shall comply with the following protected species construction conditions:

- a. The permittee shall instruct all personnel associated with the project of the potential presence of these species and the need to avoid collisions with sea turtles and smalltooth sawfish. All construction personnel are responsible for observing water-related activities for the presence of these species.
- b. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing sea turtles or smalltooth sawfish, which are protected under the Endangered Species Act of 1973.
- c. Siltation barriers shall be made of material in which a sea turtle or smalltooth sawfish cannot become entangled, be properly secured, and be regularly monitored to avoid protected species entrapment. Barriers may not block sea turtle or smalltooth sawfish entry to or exit from designated critical habitat without prior agreement from the National Marine Fisheries Service's Protected Resources Division, St. Petersburg, Florida.
- d. All vessels associated with the construction project shall operate at "no wake/idle" speeds at all times while in the construction area and while in water depths where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will preferentially follow deep-water routes (e.g., marked channels) whenever possible.
- e. If a sea turtle or smalltooth sawfish is seen within 100 yards of the active daily construction/dredging operation or vessel movement, all appropriate precautions shall be implemented to ensure its protection. These precautions shall include cessation of operation of any moving equipment closer than 50 feet of a sea turtle or smalltooth sawfish. Operation of any mechanical construction equipment shall cease immediately if a sea turtle or smalltooth sawfish is seen within a 50-ft radius of the equipment. Activities may not resume until the protected species has departed the project area of its own volition.
- f. Any collision with and/or injury to a sea turtle or smalltooth sawfish shall be reported immediately to the National Marine Fisheries Service's Protected Resources Division (727-824-5312) and the local authorized sea turtle stranding/rescue organization.
- g. Any special construction conditions, required of your specific project, outside these general conditions, if applicable, will be addressed in the primary consultation.

Revised: March 23, 2006

O:\forms\Sea Turtle and Smalltooth Sawfish Construction Conditions.doc



DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

PERMIT NUMBER: SAJ-2019-02231

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Section, Post Office Box 4970, Jacksonville, FL 32232-0019.

(TRANSFEREE-SIGNATURE)

(SUBDIVISION)

(DATE)

(LOT) _____
(BLOCK)

(NAME-PRINTED)

(STREET ADDRESS)

(MAILING ADDRESS)

(CITY, STATE, ZIP CODE)

SELF-CERTIFICATION STATEMENT OF COMPLIANCE

Permit Number: SAJ-2019-02231

Permittee's Name & Address (please print or type): _____

Telephone Number: _____

Location of the Work: _____

Date Work Started: _____ Date Work Completed: _____

PROPERTY IS INACCESSIBLE WITHOUT PRIOR NOTIFICATION: YES _____ NO _____

TO SCHEDULE AN INSPECTION PLEASE CONTACT _____
AT _____

Description of the Work (e.g. bank stabilization, residential or commercial filling, docks, dredging, etc.): _____

Acreage or Square Feet of Impacts to Waters of the United States: _____

Describe Mitigation completed (if applicable): _____

Describe any Deviations from Permit (attach drawing(s) depicting the deviations):

I certify that all work, and mitigation (if applicable) was done in accordance with the limitations and conditions as described in the permit. Any deviations as described above are depicted on the attached drawing(s).

Signature of Permittee

Date



FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

Northeast District
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

July 10, 2019

Worldwide Terminals Fernandina, LLC
Christopher Ragucci, Chief Executive Officer
501 North 3rd Street
Fernandina Beach, Florida 32034
chris.ragucci@worldwideterminals.com

File No.: 45-0377333-001-EE, Nassau County

Dear Mr. Ragucci:

On June 17, 2019, we received your request for verification of exemption to perform the following activities:

Maintenance dredge a previously dredged mooring berth at the port facility to return to the depth previously authorized at -40 feet mean low water (MLW). Approximately 5,515 cubic yards of material over a span of 29,987 square feet area will be removed from the ship berth by clam shell dredge and placed on a barge. The dredge area will be enclosed by floating turbidity boom. The spoil material will be unloaded from the barge with a long armed excavator and placed in the stockpile location in the adjacent container yard to dry out. The spoil stockpile area in the container yard will be surrounded by hay bales to keep the material in place and to filter any rainwater that might fall on the spoil stockpile. All stormwater from the container yard is directed into stormwater treatment ponds before it is discharged into the Amelia River. Once the spoil material is dry, it will be loaded into dump trucks and trucked to an upland disposal area known as the Chaney Road Pit (Parcel ID: 051 008) site in Woodbine, Camden County, Georgia. The total footprint of the dredge area is approximately 29,987 square feet. The maintenance dredge activity will be located waterward of North Front Street (Parcel ID: 00-00-30-1760-0008-0020), within the Amelia River, a Class III Waterbody, not an Aquatic Preserve, not an Outstanding Florida Waterbody, in Section 17, Township 3 North, Range 28 East.

Your request has been reviewed to determine whether it qualifies for (1) regulatory exemption, (2) proprietary authorization (related to state-owned submerged lands), and (3) federal approval that may be necessary for work in wetlands or waters of the United States.

Your project did not qualify for the federal review portion of this verification request. **Additional authorization must be obtained prior to commencement of the proposed activity.** This letter does not relieve you from the responsibility of obtaining other federal, state, or local authorizations that may be required for the activity. Please refer to the specific section(s) dealing with that portion of the review below for advice on how to proceed.

If you change the project from what you submitted, the authorization(s) granted may no longer be valid at the time of commencement of the project. Please contact us prior to beginning your project if you wish to make any changes.

If you have any questions regarding this matter, please contact Brian Durden at the letterhead address, (904) 256-1575, or at Brian.Durden@FloridaDEP.gov.

1. Regulatory Review – Verified

Based on the information submitted, the Department has verified that the activity as proposed is exempt under Section 403.813(1)(f), F.S. from the need to obtain a regulatory permit under Part IV of Chapter 373 of the Florida Statutes.

This exemption verification is based on the information you provided the Department and the statutes and rules in effect when the information was submitted. This verification may not be valid if site conditions materially change, the project design is modified, or the statutes or rules governing the exempt activity are amended. In the event you need to re-verify the exempt status for the activity, a new request and verification fee will be required. Any substantial modifications to the project design should be submitted to the Department for review, as changes may result in a permit being required.

2. Proprietary Review- Pending

The activity is located on sovereignty submerged lands owned by the State of Florida. It therefore also requires authorization from the Board of Trustees of the Internal Improvement Trust Fund (Board of Trustees), pursuant to Article X, Section 11 of the Florida Constitution, and Section 253.77, F.S. Based on the information submitted within the application, the Department understands that an emergency proprietary authorization, as defined in Chapter 18-21.005(1)(c)(14), F.A.C., is necessary to enhance and protect commercial and industrial operations at the Port of Fernandina. Therefore, consider this the authority sought under Section 253.77, Florida Statutes, to dredge and operate within the port's berthing area. **This emergency Letter of Consent does not eliminate the need to obtain the appropriate form of proprietary authorization within a year from the date of this letter.**

A complete application for a sovereign submerged lands lease must be submitted to the Department.

Special Consent Conditions

1. The applicant agrees to indemnify, defend and hold harmless the Board of Trustees and the State of Florida from all claims, actions, lawsuits and demands in any form arising out of the authorization to use sovereignty submerged lands or the applicant's use and construction of structures on sovereignty submerged lands. This duty to indemnify and hold harmless will include any and all liabilities that are associated with the structure or activity including special assessments or taxes that are now or in the future assessed against the structure or activity during the period of the authorization.

2. Failure by the Board of Trustees to enforce any violation of a provision of the authorization or waiver by the Board of Trustees of any provision of the authorization will not invalidate the provision not enforced or waived, nor will the failure to enforce or a waiver prevent the Board of Trustees from enforcing the unenforced or waived provision in the event of a violation of that provision.
3. Applicant binds itself and its successors and assigns to abide by the provisions and conditions set forth in the authorization. If the applicant or its successors or assigns fails or refuses to comply with the provisions and conditions of the authorization, the authorization may be terminated by the Board of Trustees after written notice to the applicant or its successors or assigns. Upon receipt of such notice, the applicant or its successors or assigns will have thirty (30) days in which to correct the violations. Failure to correct the violations within this period will result in the automatic revocation of this authorization.
4. All costs incurred by the Board of Trustees in enforcing the terms and conditions of the authorization will be paid by the applicant. Any notice required by law will be made by certified mail at the address shown on page one of the authorization. The applicant will notify the Board of Trustees in writing of any change of address at least ten days before the change becomes effective.
5. This authorization does not allow any activity prohibited in a conservation easement or restrictive covenant that prohibits the activity.
6. This authorization expires one year from the date of issuance of this verification of exemption. At which point, a sovereign submerged lands lease shall have already been executed to authorize the continued activity.

General Conditions for Authorizations for Activities

All authorizations granted by rule or in writing under Rule 18-21.005, F.A.C., except those for geophysical testing, shall be subject to the general conditions as set forth in paragraphs (a) through (j) below. The general conditions shall be part of all authorizations under this chapter, shall be binding upon the grantee, and shall be enforceable under Chapter 253 or 258, Part II, F.S.

- (a) Authorizations are valid only for the specified activity or use. Any unauthorized deviation from the specified activity or use and the conditions for undertaking that activity or use shall constitute a violation. Violation of the authorization shall result in suspension or revocation of the grantee's use of the sovereignty submerged land unless cured to the satisfaction of the Board.
- (b) Authorizations convey no title to sovereignty submerged land or water column, nor do they constitute recognition or acknowledgment of any other person's title to such land or water.
- (c) Authorizations may be modified, suspended or revoked in accordance with their terms or the remedies provided in Sections 253.04 and 258.46, F.S., or Chapter 18-14, F.A.C.
- (d) Structures or activities shall be constructed and used to avoid or minimize adverse impacts to sovereignty submerged lands and resources.

(e) Construction, use, or operation of the structure or activity shall not adversely affect any species which is endangered, threatened or of special concern, as listed in Rules 68A-27.003, 68A-27.004, and 68A-27.005, F.A.C.

(f) Structures or activities shall not unreasonably interfere with riparian rights. When a court of competent jurisdiction determines that riparian rights have been unlawfully affected, the structure or activity shall be modified in accordance with the court's decision.

(g) Structures or activities shall not create a navigational hazard.

(h) Activities shall not interfere with the public easement for traditional uses of the sandy beaches provided in section 161.141, F.S.

(i) Structures shall be maintained in a functional condition and shall be repaired or removed if they become dilapidated to such an extent that they are no longer functional. This shall not be construed to prohibit the repair or replacement subject to the provisions of rule 18-21.005, F.A.C., within one year, of a structure damaged in a discrete event such as a storm, flood, accident, or fire.

(j) Structures or activities shall be constructed, operated, and maintained solely for water dependent purposes, or for non-water dependent activities authorized under paragraph 18-21.004(1)(g), F.A.C., or any other applicable law.

3. Federal Review - SPGP Not Approved

Your proposed activity as outlined on your application and attached drawings **does not qualify** for Federal authorization pursuant to the State Programmatic General Permit and a **SEPARATE permit** or authorization **shall be required** from the Corps. You must apply separately to the Corps using their Application for Department of Army Permit, ENG Form 4345, or alternative as allowed by their regulations. More information on Corps permitting may be found online in the Jacksonville District Regulatory Division Sourcebook at:

<https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book/>

Authority for review - an agreement with the USACOE entitled "Coordination Agreement Between the U. S. Army Corps of Engineers (Jacksonville District) and the Florida Department of Environmental Protection, or Duly Authorized Designee, State Programmatic General Permit", Section 10 of the Rivers and Harbor Act of 1899, and Section 404 of the Clean Water Act.

Additional Information

Please retain this letter. The activities may be inspected by authorized state personnel in the future to ensure compliance with appropriate statutes and administrative codes. If the activities are not in compliance, you may be subject to penalties under Chapter 373, F.S., and Chapter 18-14, F.A.C.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the subsequent order may modify or take a different position than this action.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a).

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver will not apply to persons who have not received written notice of this action.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

EXECUTION AND CLERKING

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Brian Durden
Environmental Manager

Enclosures:

403.813(1)(f), F.S.
Standard Manatee Conditions For In-Water Work 2011
Project Drawings, 10 pages

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

Gary Howalt, Environmental Services, Inc., ghowalt@esinc.cc

Thomas Kallemeyn, FDEP NED

Brian Durden, FDEP NED

Kim Pearce, FDEP NED

Hunter Bradshaw, FDEP NED

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

July 10, 2019

Date

403.813, F.S.- Permits issued at district centers; exceptions.

(1) A permit is not required under this chapter, chapter 373, chapter 61-691, Laws of Florida, or chapter 25214 or chapter 25270, 1949, Laws of Florida, for activities associated with the following types of projects; however, except as otherwise provided in this subsection, this subsection does not relieve an applicant from any requirement to obtain permission to use or occupy lands owned by the Board of Trustees of the Internal Improvement Trust Fund or a water management district in its governmental or proprietary capacity or from complying with applicable local pollution control programs authorized under this chapter or other requirements of county and municipal governments:

(f) The performance of maintenance dredging of existing manmade canals, channels, intake and discharge structures, and previously dredged portions of natural water bodies within drainage rights-of-way or drainage easements which have been recorded in the public records of the county, where the spoil material is to be removed and deposited on a self-contained, upland spoil site which will prevent the escape of the spoil material into the waters of the state, provided that no more dredging is to be performed than is necessary to restore the canals, channels, and intake and discharge structures, and previously dredged portions of natural water bodies, to original design specifications or configurations, provided that the work is conducted in compliance with s. 379.2431(2)(d), provided that no significant impacts occur to previously undisturbed natural areas, and provided that control devices for return flow and best management practices for erosion and sediment control are utilized to prevent bank erosion and scouring and to prevent turbidity, dredged material, and toxic or deleterious substances from discharging into adjacent waters during maintenance dredging. Further, for maintenance dredging of previously dredged portions of natural water bodies within recorded drainage rights-of-way or drainage easements, an entity that seeks an exemption must notify the department or water management district, as applicable, at least 30 days prior to dredging and provide documentation of original design specifications or configurations where such exist. This exemption applies to all canals and previously dredged portions of natural water bodies within recorded drainage rights-of-way or drainage easements constructed prior to April 3, 1970, and to those canals and previously dredged portions of natural water bodies constructed on or after April 3, 1970, pursuant to all necessary state permits. This exemption does not apply to the removal of a natural or manmade barrier separating a canal or canal system from adjacent waters. When no previous permit has been issued by the Board of Trustees of the Internal Improvement Trust Fund or the United States Army Corps of Engineers for construction or maintenance dredging of the existing manmade canal or intake or discharge structure, such maintenance dredging shall be limited to a depth of no more than 5 feet below mean low water. The Board of Trustees of the Internal Improvement Trust Fund may fix and recover from the permittee an amount equal to the difference between the fair market value and the actual cost of the maintenance dredging for material removed during such maintenance dredging. However, no charge shall be exacted by the state for material removed during such maintenance dredging by a public port authority. The removing party may subsequently sell such material; however, proceeds from such sale that exceed the costs of maintenance dredging shall be remitted to the state and deposited in the Internal Improvement Trust Fund.

STANDARD MANATEE CONDITIONS FOR IN-WATER WORK

2011

The permittee shall comply with the following conditions intended to protect manatees from direct project effects:

- a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
- b. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
- c. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.
- d. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.
- e. Any collision with or injury to a manatee shall be reported immediately to the Florida Fish and Wildlife Conservation Commission (FWC) Hotline at 1-888-404-3922. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or Vero Beach (1-772-562-3909) for south Florida, and to FWC at ImperiledSpecies@myFWC.com
- f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Temporary signs that have already been approved for this use by the FWC must be used. One sign which reads *Caution: Boaters* must be posted. A second sign measuring at least 8 ½" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities. These signs can be viewed at MyFWC.com/manatee. Questions concerning these signs can be sent to the email address listed above.

CAUTION: MANATEE HABITAT

All project vessels

IDLE SPEED / NO WAKE

When a manatee is within 50 feet of work
all in-water activities must

SHUT DOWN

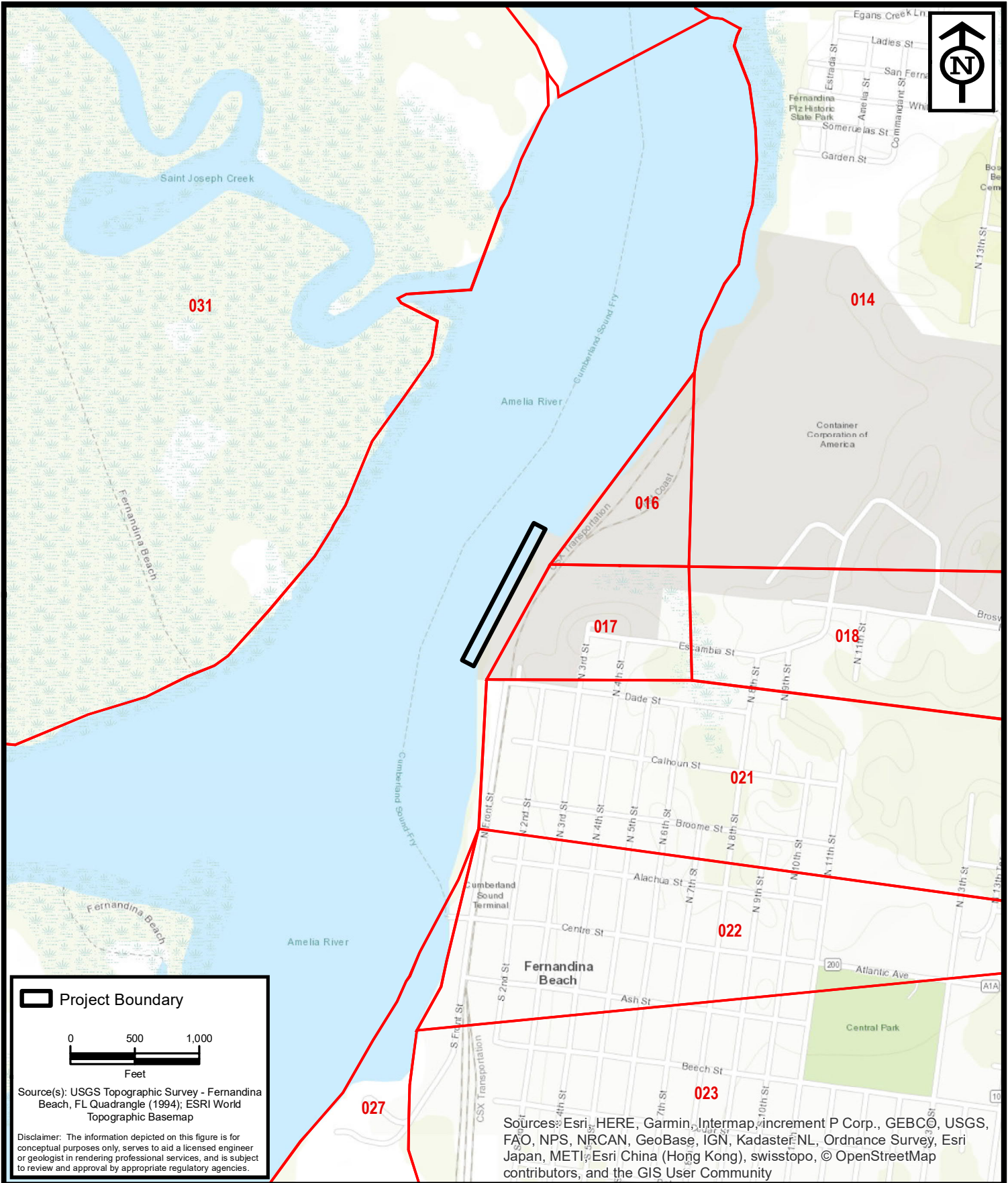
Report any collision with or injury to a manatee:

Wildlife Alert:

1-888-404-FWCC(3922)

cell *FWC or #FWC





Project Boundary

0 500 1,000
Feet

Source(s): USGS Topographic Survey - Fernandina Beach, FL Quadrangle (1994); ESRI World Topographic Basemap

Disclaimer: The information depicted on this figure is for conceptual purposes only, serves to aid a licensed engineer or geologist in rendering professional services, and is subject to review and approval by appropriate regulatory agencies.


Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community


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7220 Financial Way, Suite 100
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(904) 470-2200
(904) 470-2112 Fax
www.environmentalservicesinc.com

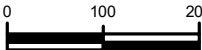
Project Location
Port of Fernandina
Ship Berth Maintenance Dredging
 Nassau County, Florida

Project:	EJ18459.00
Date:	Apr 2019
Drawn By:	JRN
Checked By:	GKH
Approved By:	GKH
Figure:	1



 Project Boundary

 Dredge Area (29,987.4 sq.ft.±)

0 100 200

 Feet

Source(s): Arc Surveying & Mapping, Inc.; Google Earth (2019)

Disclaimer: The information depicted on this figure is for conceptual purposes only, serves to aid a licensed engineer or geologist in rendering professional services, and is subject to review and approval by appropriate regulatory agencies.



ENVIRONMENTAL SERVICES, INC.
 7220 Financial Way, Suite 100
 Jacksonville, Florida 32256
 (904) 470-2200
 (904) 470-2112 Fax
www.environmentalservicesinc.com

Maintenance Dredging Area
Port of Fernandina
Ship Berth Maintenance Dredging
 Nassau County, Florida

Project:	EJ18459.00
Date:	Apr 2019
Drawn By:	JRN
Checked By:	GKH
Approved By:	GKH
Figure:	3



MAP OF A HYDROGRAPHIC SURVEY
 A PORTION OF FERNANDINA HARBOR LOCATION
 NASSAU TERMINAL, FERNANDINA BEACH, FLORIDA

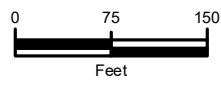
AMELIA RIVER

NASSAU TERMINAL

EAST CORNER OF DOCK
 E 51° 00' 31" S 158'
 N 72° 30' 15" W 232'

- SURVEY NOTES:**
1. DATA PROVIDED BY THE CLIENT FOR THIS SURVEY ARE REFERRED TO AS "CLIENT DATA".
 2. ALL DATA WERE COLLECTED AND CHECKED BY THE SURVEYOR.
 3. NOAA TIDAL STATION 872-1030, FERNANDINA BEACH, FLORIDA.
 4. SURVEY CONDUCTED ON 04/24/2019.
 5. ALL DATA WERE CHECKED BY THE SURVEYOR.

- Project Boundary
- Dredge Area (29,987.4 sq.ft.±)



Source(s): Arc Surveying & Mapping, Inc.; Google Earth (2019)

Disclaimer: The information depicted on this figure is for conceptual purposes only, serves to aid a licensed engineer or geologist in rendering professional services, and is subject to review and approval by appropriate regulatory agencies.

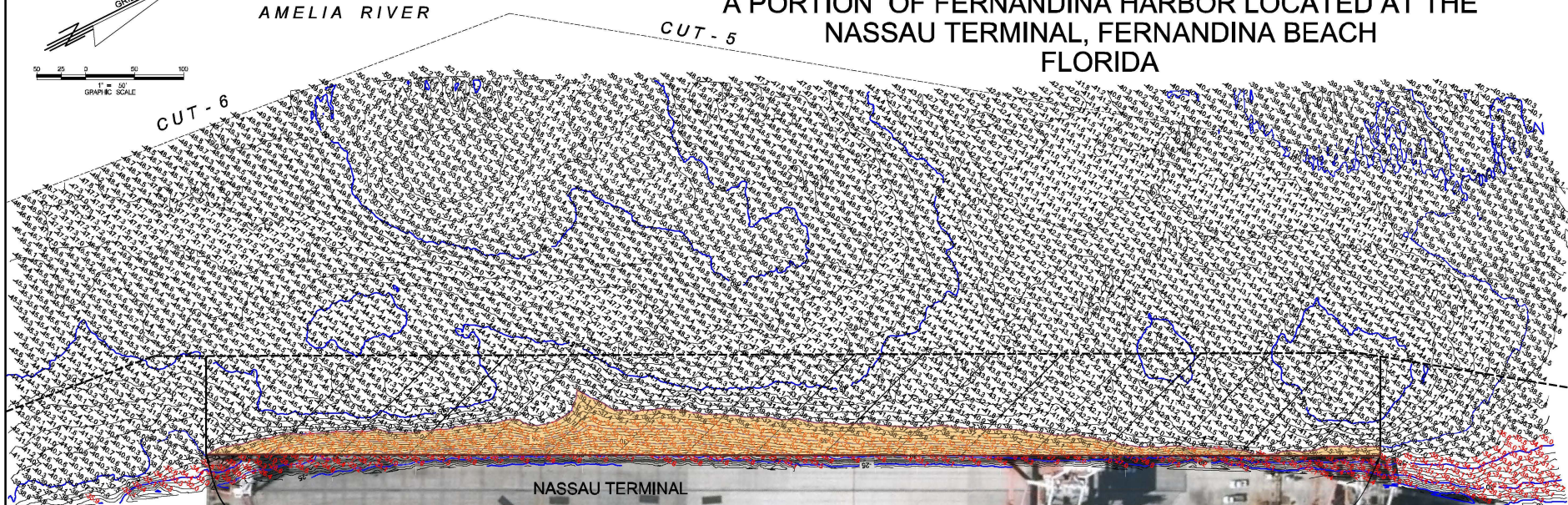
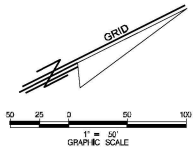
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

ENVIRONMENTAL SERVICES, INC.
 7220 Financial Way, Suite 100
 Jacksonville, Florida 32256
 (904) 470-2200
 (904) 470-2112 Fax
 www.environmentalservicesinc.com

Hydrographic Survey
Port of Fernandina
Ship Berth Maintenance Dredging
 Nassau County, Florida

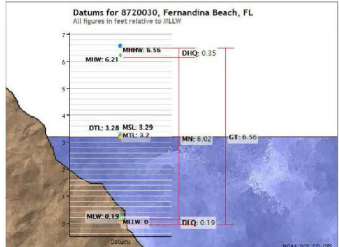
Project:	EJ18459.00
Date:	Apr 2019
Drawn By:	JRN
Checked By:	GKH
Approved By:	GKH
Figure:	4

MAP OF A HYDROGRAPHIC SURVEY OF A PORTION OF FERNANDINA HARBOR LOCATED AT THE NASSAU TERMINAL, FERNANDINA BEACH FLORIDA



SE CORNER OF DOCK
E 510,033,939
N 2,305,360,889

NE CORNER OF DOCK
E 510,591,648
N 2,307,423,202



SURVEY NOTES:

1. DEPTHS DERIVED BY THIS SURVEY ARE REFERENCED TO MLLW, TIDAL EPOCH 1883-2001 AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). NOAA'S VDATUM MODEL WAS USED AND CALIBRATED TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARKS ASSOCIATED WITH THE TIDE GAGE SITES SPECIFIED BELOW.
2. NOAA TIDAL STATION 872-0030, FERNANDINA BEACH, AMELIA RIVER, FL.
3. TIDAL REDUCTIONS WERE OBTAINED UTILIZING NOAA'S REAL TIME RECORDING TIDE STAFF LOCATED IN THE AMELIA RIVER.
4. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
5. VERTICAL MEASUREMENTS WERE MADE USING A TELEDYNE SEABAT MODEL 7101 MULTIBEAM TRANSDUCER OPERATING AT 200 kHz.
6. DATE OF SURVEY IS JUNE 8, 2016.
7. THE INFORMATION DERIVED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME. THIS CHART IS SOLELY FOR THE DISTRIBUTION OF AVAILABLE DEPTHS AT THE TIME OF THE SURVEY.
8. SURVEY ACCURACY PERFORMANCE STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYING, 30 NOV 13.

BERTH LIMITS	
	VOLUME SUMMARY WITHIN BERTH LIMITS:
	MATERIAL AVAILABLE ABOVE -38 MLLW: 2,228 CUBIC YARDS
	MATERIAL AVAILABLE ABOVE -38 MLLW: 3,615 CUBIC YARDS
	MATERIAL AVAILABLE ABOVE -40 MLLW: 5,515 CUBIC YARDS

DATE	BY	REVISION
02-13-19	MWS	VOLUMES TO 400
08-29-18	RJS	ADD BERTH LIMITS

Project: Hydrographic Condition Survey
06 May, 2016 Survey

Prepared For: World Terminals Fernandina
2345 Flindely Road
Fernandina Beach, FL 32034
904-372-2583

Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, FL 32210
904-386-6607



LB No. 6487
Drawn By: RJS
Scale: 1" = 50'
Plot Date: 08/07/18
File Name: F18 Bk / Plot
ARC Project No.: 18-06-04
SHEET 01 OF 01

Port of Fernandina

Dredge Spoil Stockpile Area

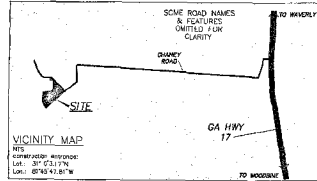


Stockpile Area

Google Earth

© 2018 Google

500 ft



EROSION CONTROL MEASURE LEGEND:

- (Sd)** SEDIMENT BARRIER (AS NOTED) (SEE DETAIL)
- (Sc1-Hb)** HAY BALE (SEE DETAIL)
- (Bf)** BUFFER ZONE (UNDISTURBED VEGETATION)
- (Ds1)** DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
- (Ds2)** DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
- (Ds3)** DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)
- (Dc)** DUST CONTROL
- (Co)** CONSTRUCTION OUTLET (SEE DETAIL)
- (Lv)** LEVEL SPREADER (SEE DETAIL)
- (S)** SOIL SERIES BOUNDARY
- (E)** EXISTING CONTOUR ELEVATION
- (W)** LIMITS OF DISTURBANCE/WETLANDS

SOILS CHARACTERISTICS:

SYMBOL	NAME	SLOPE (%)	K-factor	LIMITATION	REASON	HSG
S	Boshamer	0.2	0.24	SEVERE	BEARING CAPACITY	D
Sa	Slope	0.2	0.1	SEVERE	WETNESS	D

SURVEY, TOPO, AND SOILS NOTES:

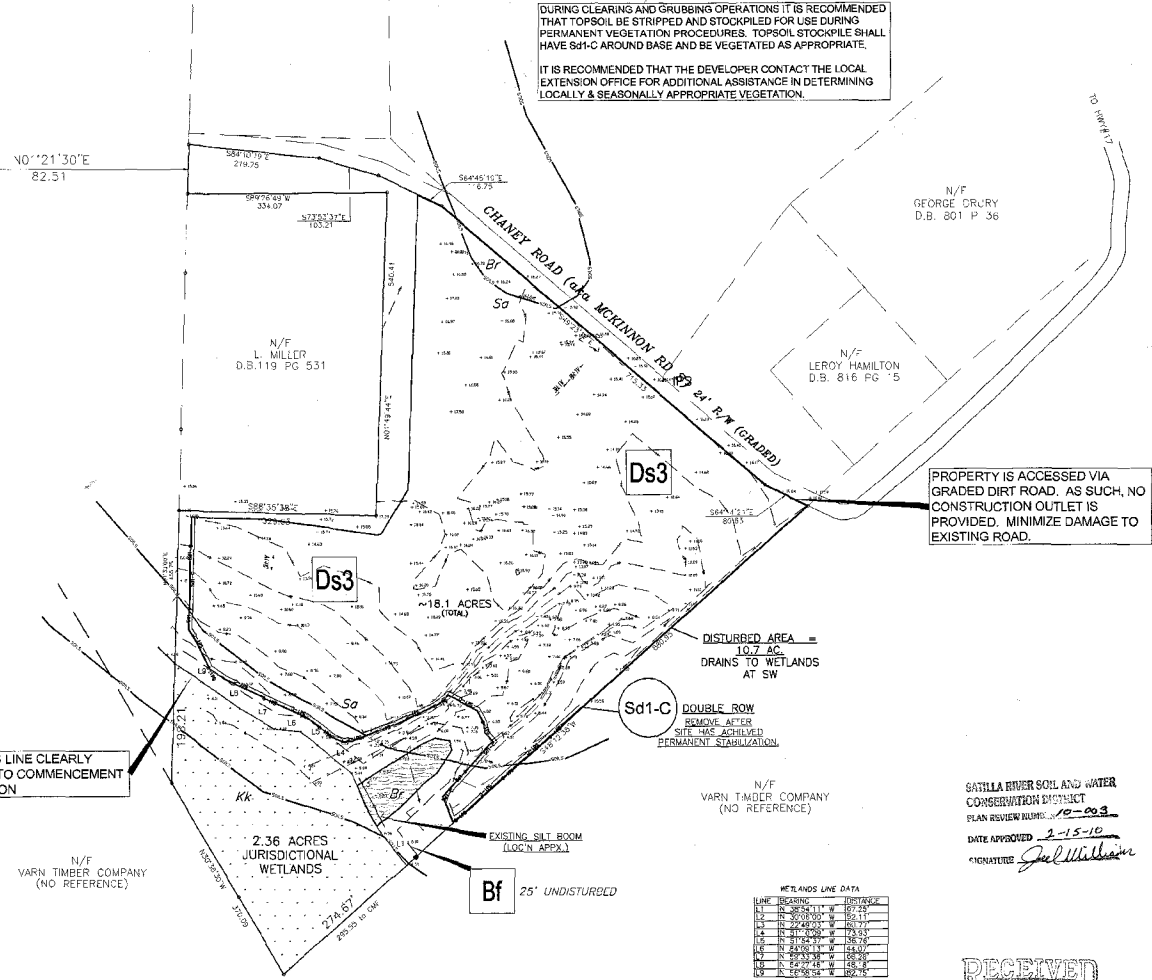
- SOILS DELINEATIONS BASED ON DATA AVAILABLE FROM WWW.CAMDENCOUNTYMAPS.COM (9/1/2009).
- TOPOGRAPHY/SPOT ELEVATIONS SHOWN ARE BASED ON GROUND RUN FIELD DATA PREPARED BY THIS OFFICE. BOUNDARY SHOWN ON A PLAT OF SURVEY FOR WILKINSON TIMBER, LLC PREPARED BY CUMBERLAND LAND SURVEYORS, DATED 1/8/2003. FOR DETAILED BOUNDARY DATA, PLEASE SEE PLAT.
- SUBJECT PROPERTY IS AS DESCRIBED IN DEED BOOK 803, PAGE 136 OF THE CAMDEN COUNTY, GEORGIA RECORDS.
- PROPERTY DESCRIBED AS TAX MAP C51-008 & 051-008A ON THE CURRENT CAMDEN COUNTY, GEORGIA TAX MAPS.

OTHER NOTES:

- OWNER/CONTRACTOR TO MAINTAIN LOCALLY IMPOSED NON-DISTURBED BUFFERS AS APPROPRIATE.
- WETLANDS REVIEWED/FLAGGED BY AMRON CAMRILL & LOCATED BY CUMBERLAND LAND SURVEYORS.

WETLANDS NOTICE:
 JURISDICTIONAL WETLANDS SHOWN HEREON ARE UNDER THE JURISDICTION OF THE US ARMY CORP OF ENGINEERS, DAMPER(S) MAY BE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE TO THESE WETLAND AREAS WITHOUT PROPER AUTHORIZATION.

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811
 THREE WORKING DAYS BEFORE YOU DIG



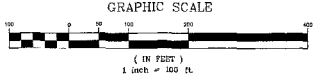
HAVE WETLANDS LINE CLEARLY MARKED PRIOR TO COMMENCEMENT OF CONSTRUCTION

PROPERTY IS ACCESSED VIA GRADED DIRT ROAD, AS SUCH, NO CONSTRUCTION OUTLET IS PROVIDED. MINIMIZE DAMAGE TO EXISTING ROAD.

DISTURBED AREA = 10.7 ac. DRAINS TO WETLANDS AT SW

DOUBLE ROW REMOVE AFTER SITE HAS ACHIEVED PERMANENT STABILIZATION

25' UNDISTURBED



MAINTAIN 25' UNDISTURBED BUFFER ALONG CREEKS AND STREAMS, EDGE OF MARSH, AND AROUND PONDS. NO LAND DISTURBANCE TO BE UNDERTAKEN IN THESE AREAS, UNLESS EXEMPT OR APPROVED BY EPD.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

ANY DISTURBED AREA(S) LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

DURING CLEARING AND GRUBBING OPERATIONS IT IS RECOMMENDED THAT TOPSOIL BE STRIPPED AND STOCKPILED FOR USE DURING PERMANENT VEGETATION PROCEDURES. TOPSOIL STOCKPILE SHALL HAVE 50M-C AROUND BASE AND BE VEGETATED AS APPROPRIATE. IT IS RECOMMENDED THAT THE DEVELOPER CONTACT THE LOCAL EXTENSION OFFICE FOR ADDITIONAL ASSISTANCE IN DETERMINING LOCALLY & SEASONALLY APPROPRIATE VEGETATION.

- LEGEND:**
- (Sd) SEDIMENT BARRIER (AS NOTED)
 - (Sc1-Hb) HAY BALE (SEE DETAIL)
 - (Bf) BUFFER ZONE (UNDISTURBED VEGETATION)
 - (Ds1) DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
 - (Ds2) DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
 - (Ds3) DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)
 - (Dc) DUST CONTROL
 - (Co) CONSTRUCTION OUTLET (SEE DETAIL)
 - (Lv) LEVEL SPREADER (SEE DETAIL)
 - (S) SOIL SERIES BOUNDARY
 - (E) EXISTING CONTOUR ELEVATION
 - (W) LIMITS OF DISTURBANCE/WETLANDS

EROSION CONTROL PLAN FOR
CHANEY ROAD PIT
 G.M.D. 33
 CAMDEN COUNTY, GEORGIA

RECEIVED
 FEB 04 2010
 Initial: CCPD

DESIGNER:
 STEVEN HOOKS
 CUMBERLAND LAND SURVEYORS
 P.O. BOX 231
 WOODBINE, GEORGIA 31569
 TEL: 912-576-8854
 FAX: 912-576-1321

OWNER-DEVELOPER/PRIMARY PERMITTEE:
 24-113 CONTACT:
 MR. C. C. HOGGROTHAM, Jr.
 PO BOX 748
 WOODBINE, GA 31569
 TEL: 912-576-3460

GATTLA RIVER SOIL AND WATER CONSERVATION DISTRICT
 PLAN REVIEW NUMBER: 12-003
 DATE APPROVED: 2-15-10

APPROVED: *Julie Williams*

OWNER/OPERATOR CERTIFICATION:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

"I certify that the receiving water (a) at the outfall (d) as a combination of receiving water (a) and outfall (a) will be maintained in accordance with the erosion, sedimentation, and pollution control plan."
 SIGNATURE: *CCPD*
 PRINTED NAME: CCPD
 TITLE: CCPD
 DATE: 2-3-10
 GWSWCC # 279677
 ECD/EDD 12-14-2009

RECEIVED
 2/19/10
Jul

PLAN PREPARER CERTIFICATION:

"I certify the permittee's erosion, sedimentation and pollution control plan provides for an appropriate and comprehensive system of Best Management Practices required by the Georgia Water Quality Control Act and the document 'Manual for Erosion and Sediment Control in Georgia' (a manual published by the state Soil and Water Conservation Commission as of January 1 of the year in which the land-disturbing activity was permitted, provides for the sampling of the receiving water (a) or the sampling of the storm water outfalls and that the designed system of Best Management Practices and sampling methods is expected to meet the requirements contained in the general NPDES Permit."

PLEASE REFER TO SHEET 4 FOR SAMPLING AND MONITORING INFORMATION.



CERTIFY THAT I, STEVEN A. HOOKS, AS THE PLAN DESIGNER, HAVE VISITED THE SITE PRIOR TO THE DESIGN OF THE EROSION AND SEDIMENT CONTROL PLANS
 GWSWCC # 000045580
 DATED: 2/4/2010

PERIMETER CONTROL- CLEARING & GRUBBING PHASE

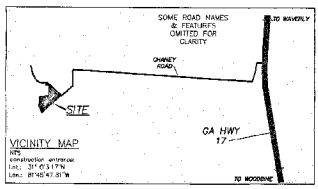


300 CAMDEN AVENUE
 WOODBINE, GA 31569
 (912) 576-8854

DWG. BY: SH / PM: ET
 DWG. DATE: JAN 15, 2010 / SHEET: SEE NOTES
 JOB: 08188-045 SCALE: AS NOTED
 REVISIONS:

EROSION CONTROL PLAN FOR
CHANEY ROAD
PIT
G.M.D. 33
CAMDEN COUNTY, GEORGIA

LEGEND:
 Sd1 SEDIMENT BARRIER
 Sd1-Hb HAY BALE
 Bf BUFFER ZONE
 Ds1 DISTURBED AREA STABILIZATION
 Ds2 DISTURBED AREA STABILIZATION
 Ds3 DISTURBED AREA STABILIZATION
 Du DUST CONTROL
 Co CONSTRUCTION OUTLET
 Lv LEVEL SPREADER
 --- TO --- SOIL SERIES BOUNDARY
 --- TO --- EXISTING CONTOUR ELEVATION
 --- LIMITS OF DISTURBANCE/WETLANDS



EROSION CONTROL MEASURE LEGEND:

- Sd1** SEDIMENT BARRIER (AS NOTED) (SEE DETAIL)
- Sd1-Hb** HAY BALE (SEE DETAIL)
- Bf** BUFFER ZONE (UNDISTURBED VEGETATIVE)
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- Lv** LEVEL SPREADER (SEE DETAIL)
- TO --- SOIL SERIES BOUNDARY
- TO --- EXISTING CONTOUR ELEVATION
- LIMITS OF DISTURBANCE/WETLANDS

CONSTRUCTION SCHEDULE - ESTIMATED

	LEB 2010	IFB 2011
SEDIMENT CONTROL STRUCTURES		
PILE DRIVING & GRADING		
SEALING & DRAINAGE		
BASE & PAVING	N/A	
UTILITIES	N/A	
TEMPORARY STABILIZATION		
PERMANENT STABILIZATION		
FINISHING CONSTRUCTION	N/A	

NO WETLANDS DISTURBANCE HAS BEEN PERMITTED.

MAINTAIN 25' UNDISTURBED BUFFER ALONG CREEKS AND STREAMS, EDGE OF MARSH, AND AROUND PONDS. NO LAND DISTURBANCE TO BE UNDERTAKEN IN THESE AREAS, UNLESS EXEMPT OR APPROVED BY EPD.

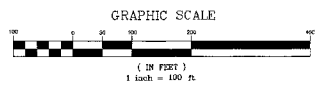
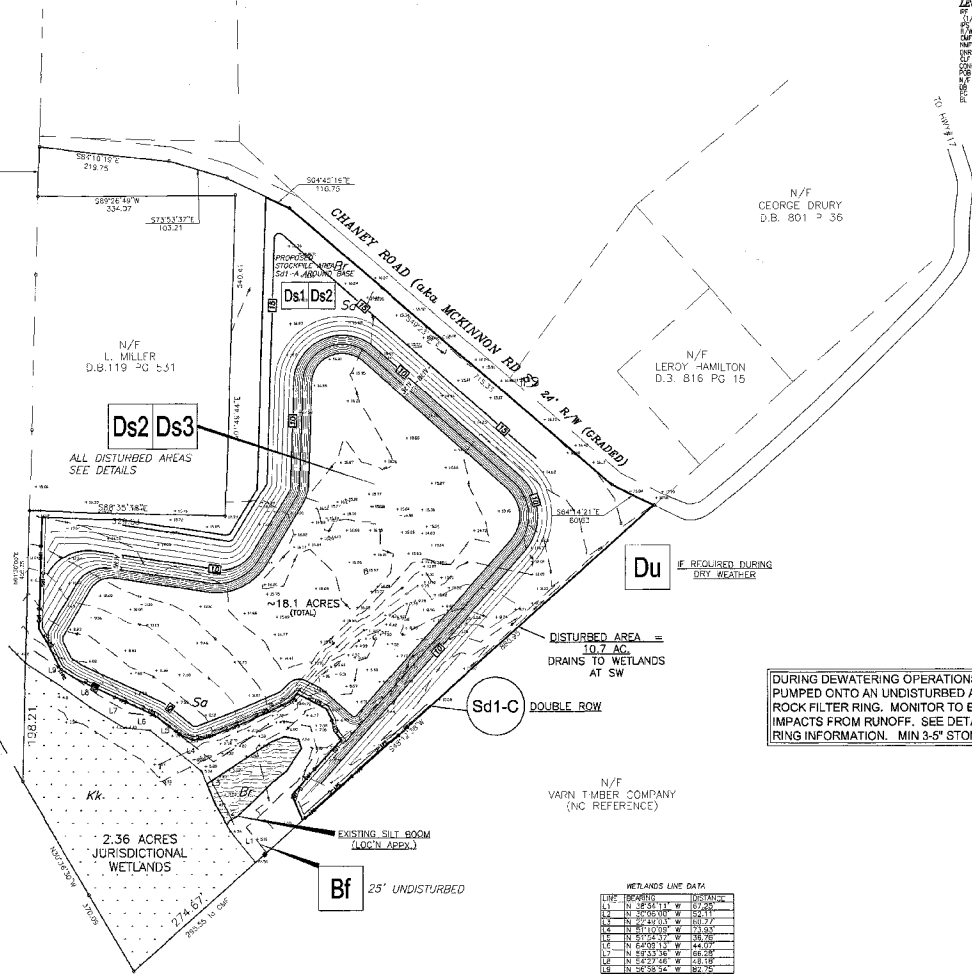
THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

ANY DISTURBED AREA(S) LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

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N01°21'30"E
R2 51



ACREAGE SUMMARY:
 TOTAL PROJECT ACRES: ~18.1 ACRES
 TOTAL MAX DISTURBED AREA: 10.7 AC

SEDIMENT STORAGE REQUIREMENTS:
 67 CY/DISTURBED ACRE
 67 X 10.7 = 716.9 CY SEDIMENT STORAGE REQUIRED

SEDIMENT STORAGE WILL BE PROVIDED IN PROPOSED BORROW AREA

WETLANDS LINE DATA

LINE	BEARING	DISTANCE
11	N 89°51'11" W	10.000
12	N 89°51'11" W	24.000
13	N 89°51'11" W	24.000
14	N 89°51'11" W	24.000
15	N 89°51'11" W	44.000
16	N 89°51'11" W	24.000
17	N 89°51'11" W	24.000
18	N 89°51'11" W	24.000

DURING DEWATERING OPERATIONS, WATER SHALL BE PUMPED ONTO AN UNDISTURBED AREA SURROUNDED BY A ROCK FILTER RING. MONITOR TO ENSURE NO ADVERSE IMPACTS FROM RUNOFF. SEE DETAIL SHEET FOR FILTER RING INFORMATION. MIN 3-5" STONE (15-30 lbs)

GRADING PHASE

CUMBERLAND SURVEYORS

300 CAMEK AVE
 WILKING, GA 31769
 (812) 576-8854

DRG. BY: SH PWC: ET
 DATE: JAN 15, 2010 SURVEYED: SEE NOTES
 LOTS: 20189-E&S SCALE: AS NOTED
 REVISIONS:



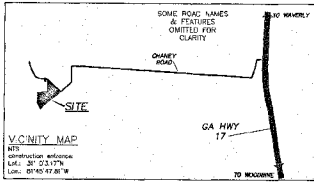
CERTIFY THAT I, STEVEN A. HOOKS, AS THE PLAN DESIGNER, HAVE VISITED THE SITE PRIOR TO THE DESIGN OF THE EROSION AND SEDIMENT CONTROL PLANS

DATED 1/15/2010

GASWCC # 0000045590

IT IS RECOMMENDED THAT THE DEVELOPER CONTACT THE LOCAL
EXTENSION OFFICE FOR ADDITIONAL ASSISTANCE IN DETERMINING
LOCALLY & SEASONALLY APPROPRIATE VEGETATION.

LEGEND:
 (U) UNDESIGNED ROAD
 (L) LEGAL (UNDESIGNED)
 (R) RIGHT OF WAY
 (C) CONSTRUCTION FUNDING
 (M) MINORITY FUNDING
 (D) DEPARTMENT OF NATURAL RESOURCES
 (S) STATE OF GEORGIA
 (C) COUNTY
 (M) MUNICIPALITY
 (F) FEDERAL
 (N) NATION
 (S) STATE
 (L) LOCAL
 (C) COUNTY
 (M) MUNICIPALITY
 (F) FEDERAL
 (N) NATION
 (S) STATE
 (L) LOCAL



EROSION CONTROL MEASURE LEGEND:

- Sd1** SEDIMENT BARRIER (AS NOTED) (SEE DETAIL)
- Sd1-Hb** HAY BALE (SEE DETAIL)
- Bf** BUFFER ZONE (UNDISTURBED VEGETATION)
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- Ds3** DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)
- Du** DUST CONTROL
- Co** CONSTRUCTION OUTLET (SEE DETAIL)
- Lv** LEVEL SPREADER (SEE DETAIL)
- SOIL SERIES BOUNDARY
- EXISTING CONTOUR ELEVATION
- LIMITS OF DISTURBANCE/WETLANDS

- Ds2**
 - RYE 3BU/ACRE OCT/NOV/DEC
 - MILLET(BROWNTOP) 50LBS/ACRE APR/MAY/JUNE/JULY
 - WHEAT 3BU/ACRE OCT/NOV/DEC (TEMP VEGETATION)
 - SEEDBED DEPTHS 2"-4"
 - FERTILIZER 500-700LBS/ACRE 10-10-10

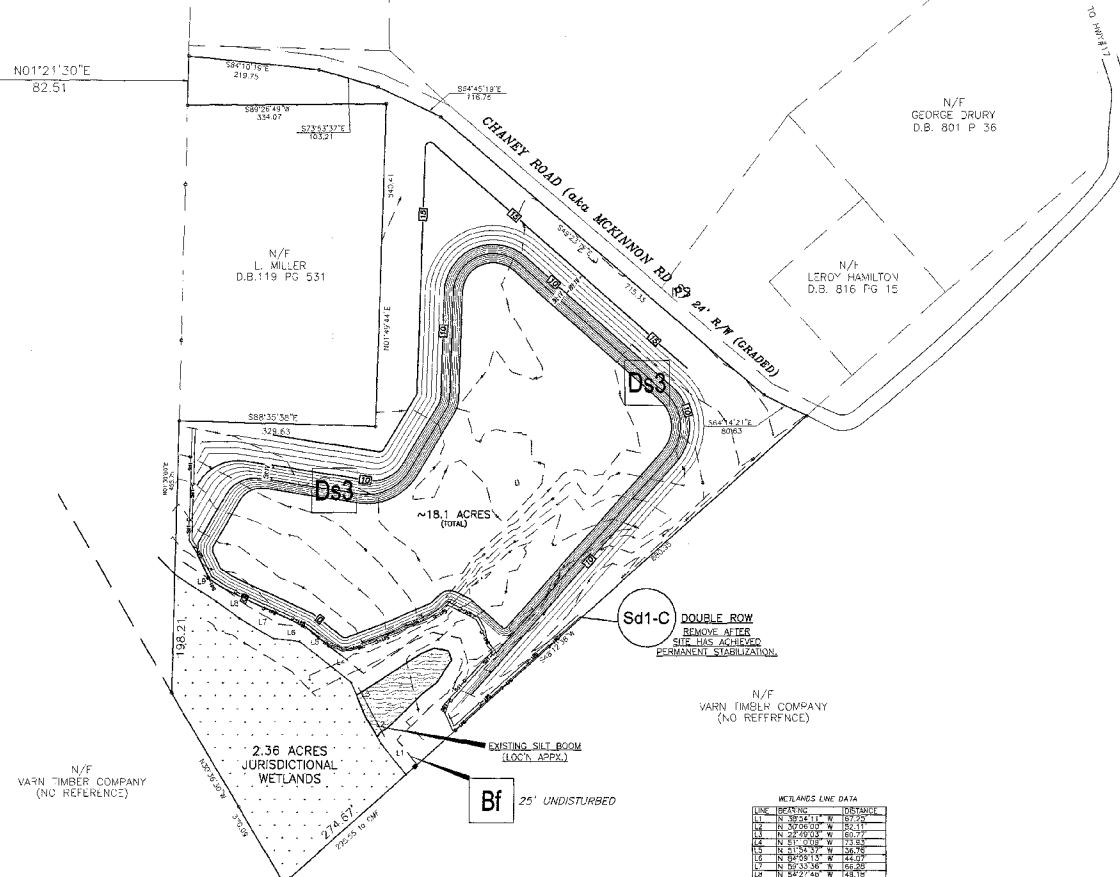
- Ds3**
 - BERMUDA, COMMON (HULLED) 10LBS/ACRE MAR/APR/MAY
 - BERMUDA (UNHULLED) 10LBS/ACRE NOV/DEC/JAN
 - BERMUDA (SPRIGS) 40CJFT/ACRE APR/MAY/JUN
 - SEEDBED DEPTHS 2"-4"
 - FERTILIZER 1ST YEAR 1500LBS/ACRE 6-12-12
 - 2ND YEAR 1000LBS/ACRE 6-12-12
 - MAINTENANCE 400LBS/ACRE 10-10-10

GENERAL:
This vegetative plan will be carried out on road cut and fill slopes, shoulders, and other critical areas created by construction. Seeding will be done as soon as construction in an area is completed. Plantings will be made to control erosion, to reduce damages from sediment and runoff to downstream areas and to improve the safety and beauty of the development area.

SOIL CONDITIONS:
Due to grading and construction, the areas to be treated are mainly subsoil and substrate. Fertility is low and the physical characteristics of the exposed material are unfavorable to all but the most hardy plants.

TREATMENT SPECIFICATIONS
Hydraulic Seeding Equipment: When hydraulic seeding and fertilizing equipment is used, no grading and shaping or seedbed preparation will be required. The fertilizer, seed and wood cellulose fiber mulch will be mixed with water and applied in a slurry. All slurry ingredients must be combined to form a homogenous mixture, and spread uniformly over the area within one hour after mixture is made. Straw or hay mulch and asphalt emulsion will be applied with blower-type mulch spreading equipment within 24 hours after seeding. The mulch will be spread uniformly over the area, leaving about 25 percent of the ground surface exposed. The per acre application rates are as follows:

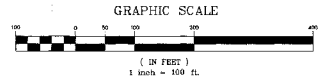
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811
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WETLANDS LINE DATA

LINE	BEARING	DISTANCE
11	N 89°54'11\"	107.25
12	N 89°50'00\"	82.11
13	N 89°50'00\"	60.74
14	N 81°00'00\"	72.83
15	N 81°34'30\"	28.76
16	N 89°51'11\"	44.09
17	N 89°51'11\"	65.20
18	N 89°51'11\"	48.19
19	N 89°58'50\"	102.25

- STABILIZATION NOTES**
- NO GARBAGE OR CONSTRUCTION DEBRIS TO BE BURIED OR DISPOSED OF ON SITE. DEBRIS MUST BE HAULED TO AN APPROVED LANDFILL OR BURNED WITH APPROPRIATE PERMIT SECURED BY OWNER.
 - ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE PERMANENT STABILIZATION HAS BEEN ACHIEVED.



CERTIFY THAT I, STEVEN A. HOOKS, AS THE PLAN
DESIGNER, HAVE VISITED THE SITE PRIOR TO THE DESIGN
OF THE EROSION AND SEDIMENT CONTROL PLANS
Steven A. Hooks
GASWCC # 0000045580 DATED 2/4 2010

CONSTRUCTION &
STABILIZATION
PHASE
**CUMBERLAND
SURVEYORS**

300 CAMDEN AVENUE
WOODBRIDGE, GA 31569
(912) 576-0264
DWG. BY: SH TPA: ET
DWG. JAN 15, 2010 SURVEYED. SEE NOTES
JOB: 08199-ERS SCALE AS NOTED
REVISIONS:

INSPECTIONS

PRIMARY PERMITS
DAILY INSPECTIONS
EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE...

WEEKLY INSPECTIONS
QUALIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE SHALL INSPECT AT LEAST ONCE EVERY SEVEN DAYS...

3. QUALIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT...

4. BASED ON THE RESULTS OF EACH INSPECTION THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE PERMIT...

5. A REPORT (I.E., NOT INDIVIDUAL INSPECTION FORMS) SUMMARIZING THE SCOPE OF EACH INSPECTION AND THE NATURE OF PERSONNEL MAKING EACH INSPECTION...

REPORTING
1. APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT A SUMMARY OF THE MONITORING RESULTS TO THE EPD AT THE ADDRESS SHOWN BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE REPORTING PERIOD...

2. THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READINGS, COMPASS DINGS OR TAPES, ETC., USED TO DETERMINE THESE RESULTS...

3. THE PERMITTEE MUST RETAIN A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN OR THE APPLICABLE PORTION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN FOR THREE MONTHS...

4. THE PERMITTEE IS ENCOURAGED TO FIRST COPIES OF THEIR NON-EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN, SAMPLING RESULTS, INSPECTION REPORTS, ETC. ON A PERMIT BOARD AT THE CONSTRUCTION SITE...

5. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, REPORTS, PLANS, MONITORING REPORTS, EROSION SEDIMENTATION RESULTS, INSPECTION REPORTS, ETC. ON A PERMIT BOARD AT THE CONSTRUCTION SITE...

6. THE PERMITTEE SHALL CONTACT THE DESIGN PROFESSIONAL WITH WHOM CONSTRUCTION ACTIVITY BEGINS TO ARRANGE FOR THE DESIGN PROFESSIONAL'S INSPECTION OF DRAIN'S WITHIN 7 DAYS OF START OF SAID ACTIVITY.

7. ANY REVISIONS TO THE ES & PC PLAN HAVING A SIGNIFICANT EFFECT ON DRAIN'S WITH A HISTORICAL COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.

8. IF THIS SITE IS DEEMED TO HAVE WETLANDS, MATERIALS SHALL NOT BE DISCARDED EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT ISSUED BY THE US ARMY CORPS OF ENGINEERS.

9. THIS ES & PC PLAN HAS BEEN SUBMITTED TO APPLICABLE WATER DISCHARGE, SANITARY SEWER AND SEPTIC TANK REGULATORS AS PART OF THE NORMAL PERMITTING APPROVALS...

10. CLEANING AND GROUNDING OPERATIONS SHOULD NOT HAVE SIGNIFICANT ADVERSE IMPACTS ON THIS PROPERTY.

11. THIS DRAINAGE IS FILED HEREON AND DISPLAYED AS SPOT ELEVATIONS.

12. MAXIMUM OUTFLOW TURBIDITY NO NTU LIMIT SET MONITOR INTERFACE WITH WETLANDS DAILY.

13. THE PERMITTEE SHALL CONTACT THE DESIGN PROFESSIONAL WITH WHOM CONSTRUCTION ACTIVITY BEGINS TO ARRANGE FOR THE DESIGN PROFESSIONAL'S INSPECTION OF DRAIN'S WITHIN 7 DAYS OF START OF SAID ACTIVITY.

14. ANY REVISIONS TO THE ES & PC PLAN HAVING A SIGNIFICANT EFFECT ON DRAIN'S WITH A HISTORICAL COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.

15. IF THIS SITE IS DEEMED TO HAVE WETLANDS, MATERIALS SHALL NOT BE DISCARDED EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT ISSUED BY THE US ARMY CORPS OF ENGINEERS.

16. THIS ES & PC PLAN HAS BEEN SUBMITTED TO APPLICABLE WATER DISCHARGE, SANITARY SEWER AND SEPTIC TANK REGULATORS AS PART OF THE NORMAL PERMITTING APPROVALS...

17. CLEANING AND GROUNDING OPERATIONS SHOULD NOT HAVE SIGNIFICANT ADVERSE IMPACTS ON THIS PROPERTY.

18. THIS DRAINAGE IS FILED HEREON AND DISPLAYED AS SPOT ELEVATIONS.

19. MAXIMUM OUTFLOW TURBIDITY NO NTU LIMIT SET MONITOR INTERFACE WITH WETLANDS DAILY.

20. THE PERMITTEE SHALL CONTACT THE DESIGN PROFESSIONAL WITH WHOM CONSTRUCTION ACTIVITY BEGINS TO ARRANGE FOR THE DESIGN PROFESSIONAL'S INSPECTION OF DRAIN'S WITHIN 7 DAYS OF START OF SAID ACTIVITY.

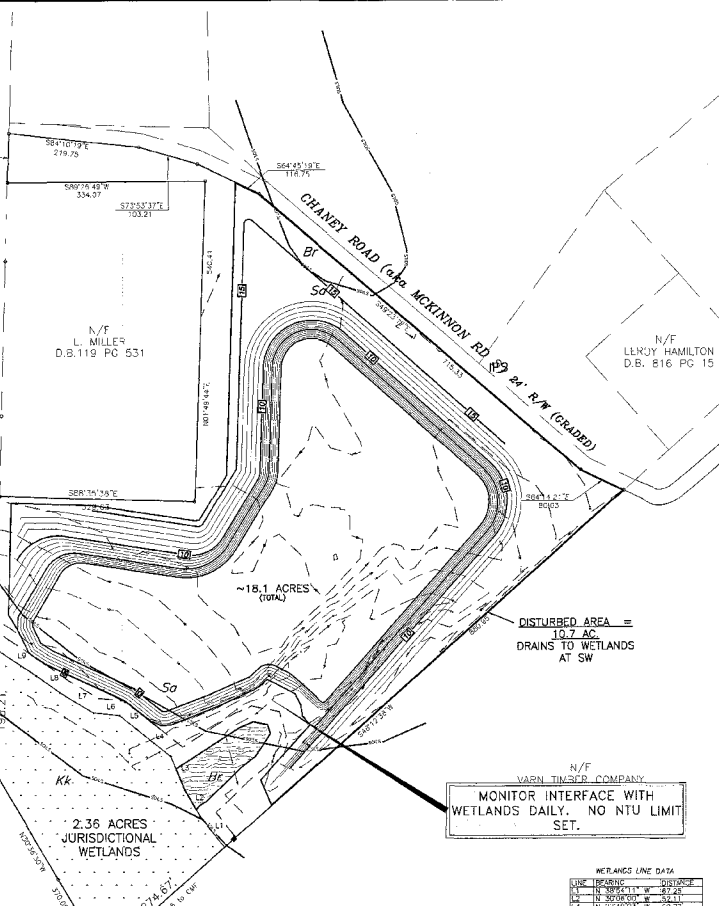
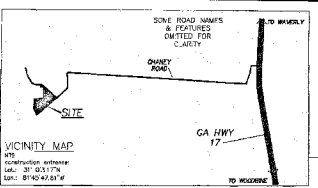
21. ANY REVISIONS TO THE ES & PC PLAN HAVING A SIGNIFICANT EFFECT ON DRAIN'S WITH A HISTORICAL COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.

22. IF THIS SITE IS DEEMED TO HAVE WETLANDS, MATERIALS SHALL NOT BE DISCARDED EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT ISSUED BY THE US ARMY CORPS OF ENGINEERS.

23. THIS ES & PC PLAN HAS BEEN SUBMITTED TO APPLICABLE WATER DISCHARGE, SANITARY SEWER AND SEPTIC TANK REGULATORS AS PART OF THE NORMAL PERMITTING APPROVALS...

24. CLEANING AND GROUNDING OPERATIONS SHOULD NOT HAVE SIGNIFICANT ADVERSE IMPACTS ON THIS PROPERTY.

25. THIS DRAINAGE IS FILED HEREON AND DISPLAYED AS SPOT ELEVATIONS.



ROSTON CONTROL PLAN FOR CHANEY ROAD PIT. G.M.D. 88 CAMDEN COUNTY, GEORGIA.

LEGEND: Symbols for ROW PERMITS, REBAR WALLS, CONCRETE, etc.

SAMPLING REQUIREMENTS: 1. STORM WATER TURBIDITY IS TO BE SAMPLED AT POINTS AS SHOWN ON THIS PLAN. 2. ALL SAMPLING SHALL BE COLLECTED BY 'SOAK' SAMPLES...

WETLANDS LINE DATA table with columns for stationing, wetland type, and width. Includes a note about the monitor interface with wetlands.

GRAPHIC SCALE: 1 inch = 100 ft. Includes a note about the permittee's responsibility for the erosion and sediment control plan.

SEND REPORTING VIA RETURN RECEIPT CERTIFIED POST (OR EQUIVALENT) TO: COASTAL DISTRICT - BRUNSWICK OFFICE...

CUMBERLAND SURVEYORS logo and contact information. Includes a certification statement and date.

NARRATIVE

I. PROJECT NAME/ADDRESS:
 CHANEY ROAD (aka WASHINGTON ROAD S) BORROW PIT

II. OWNER-DEVELOPER & 24 HOUR CONTACT:
 OWNER: DEVELOPER/CHANEY, PERMITTEE
 25-21 COUNTRY
 MR. C. C. WASHINGTON, JR.
 PO BOX 746
 WOODBRIDGE, GA 31569
 TEL: 912-276-2460

III. PROJECT DESCRIPTION:
 PROPOSED USE - BORROW SOURCE
 TOTAL PROJECT AREA: 13.1 ACRES

IV. TOTAL MAX DISTURBED AREA: 18.0 AC (SEE BELOW)
 DISTURBED AREA: 10.7 ACRES

V. LOCATION:
 OFF CHANEY ROAD (TAX PARCELS 051-028 & 051-028A)

VI. IMPROVEMENTS: CLEARING AND GRADING, GRADING FOR PFI, AND REVEGETATION.

VII. EXISTING SITE CONDITIONS:
 UNDEVELOPED TOPOGRAPHY: [X] FLAT [] ROLLING [] HILLY [] MOUNTAINOUS
 VEGETATION: CHANEY PINE TREES AND HARDWOODS DRUMMAINE - SEE BELOW

VIII. ADJACENT AREAS:
 NORTHEAST - ROAD
 SOUTHWEST - TIMBERLANDS
 NORTHEAST - LOW DENSITY
 SOUTHWEST - UNDEVELOPED MARSH, WETLAND

IX. CRITICAL AREAS: ALL AREAS WHERE DISTURBANCE HAS, OR WILL BE, UNDERTAKEN AT WETLAND AND/OR MARSH INTERFACES.

X. CARE SHALL BE TAKEN TO PROTECT NEARBY AREAS FROM SEDIMENT INTRUSION, NO FLOODING OR CHANNEL DEGRADATION SHALL RESULT FROM DEVELOPMENT.

XI. LAND DISTURBANCE: LAND DISTURBANCE SHALL BE CONFINED WITHIN THE CONSTRUCTION LIMITS SHOWN ON PLANS.

XII. PROPOSED CONSTRUCTION DATES:
 BEGINNING: FEB 2012
 FINAL STABILIZATION: THIS PORTION OF WORK ESTIMATED TO BE COMPLETE BY FEB 2011.

XIII. EROSION CONTROL PLAN: VEGETATION AND MULCH WILL BE APPLIED TO APPLICABLE AREAS IMMEDIATELY AFTER CLEARING IS COMPLETED. LAND GRADING WILL BE SCHEDULED TO LIMIT EXPOSURE OF SOIL TO EROSION ELEMENTS.

XIV. SEDIMENT CONTROL PROGRAM: SEDIMENT CONTROL WILL BE ACCOMPLISHED BY THE INSTALLATION OF PERMANENT SILT FENCES, CONTOUR BANKS, ETC. TEMPORARY PERMANENT DISTURBED AREA STABILIZATION THE INSTALLATION OF EROSION CONTROL MEASURES & PRACTICES SHALL TAKE PLACE PRIOR TO OR CONCURRENT WITH LAND ACTIVITIES.

XV. STANDARDS AND SPECIFICATIONS: ALL DESIGNS WILL CONFORM TO AND ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE PUBLICATION CENTER MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.

XVI. DISTURBED AREA STABILIZATION (TEMPORARY AND PERMANENT): SLOPES 3:1 OR STEEPER SHALL BE HYDRO SEEDED WITH RESCUE AND/OR RYE GRASS SO LEASE/LAND WITHIN A SEEDING MIXTURE OF 80-20% FERTILIZER (80% LEASE/LAND, AGRICULTURAL LIMESTONE #75 (4000 LBS./ACRE), AND EITHER MULCH (STRAW OR HAY) AT 8000 LBS./ACRE, OR WOOD CELLULOSE FIBER MULCH (8000 LBS./ACRE). LESSER SLOPES OR FLAT AREAS CAN BE CONVENTIONALLY SEEDED WITH RESCUE, SERICEA LESPEDEZA (UNSCARIFIED), AND/OR RYE GRASS AT 40, 75, AND 80 LBS./ACRE RESPECTIVELY. AGRICULTURAL LIMESTONE #75 (4000 LBS./ACRE), AND STRAW OR HAY MULCH AT 8000 LBS./ACRE.

XVII. STORMWATER MANAGEMENT CONSIDERATIONS: EROSION & SEDIMENT CONTROL PLAN PREPARED ASSUMES NO LIABILITY FOR HYDROLOGICAL IMPACTS OF EXISTING STORMWATER MANAGEMENT PRACTICES.

XVIII. Predevelopment runoff curve number (CN) estimated at 79 (woods, HSG D, fair coat)
 Composite CN = 79

XIX. Postdevelopment runoff curve number (CN) restricted at 79 (woods, HSG D, fair coat)-45%
 Composite CN = 79

X. MAINTENANCE STATEMENT: SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSPECTED ONCE ANY DAMAGES OBSERVED WILL BE REPAIRED BY THE END OF THE DAY. CLEAN UP OF SEDIMENT CONTROL STRUCTURES WILL BE ACCOMPLISHED IN ACCORDANCE WITH THE SPECIFICATIONS AND STANDARDS, ACCOMPLISHED BY SPREADING ON SITE SEDIMENT BARRIERS WILL REMAIN IN PLACE UNTIL SEDIMENT CONTROLLING AREAS ARE STABILIZED. THE SEDIMENT BARRIERS WILL THEN BE REMOVED, AND THE AREAS OCCUPIED BY THESE STRINGS AND BARRIERS WILL BE REVEGETATED. MAINTENANCE OF ESTABLISHED VEGETATION WILL BE PROVIDED TO THE OWNER WHEN ALL DISTURBED AREAS ARE STABILIZED. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF SOILS ARE FOUND TO BE IN NEED OF SITE REPAIR.

XI. ALL AREAS IN WHICH PETROLEUM PRODUCTS ARE USED, STORED, OR HANDLED AND ALL VEHICLES SHALL BE MAINTAINED ACCORDING TO BEST MANAGEMENT PRACTICES AS APPROPRIATE.

XII. BUFFERS: NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A 25 FOOT BUFFER AROUND THE BANKS OF STATE WATERS, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION BEGINS TO RESTRICT BY NORMAL STREAM FLOW OR RIVER ACTION.

XIII. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL TAKE PLACE PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.

XIV. OTHER CONTROLS:
 (1) WASTE DISPOSAL: SOLID WASTE, INCLUDING BUILDING MATERIALS, SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
 (2) OFF-SITE VEHICLE TRACKING OF DIRT, SOILS AND SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED OR ELIMINATED TO THE MAXIMUM EXTENT PRACTICAL. THE PLAN SHALL INCLUDE THE BEST MANAGEMENT PRACTICES TO BE IMPLEMENTED AT THE SITE OR COMMON DEVELOPMENT.
 (3) ALL PERMITTED SHALL PROVEE AND DEMONSTRATE THAT THEIR PLAN IS IN COMPLIANCE WITH APPLICABLE STATE AND LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.
 (4) THE PLAN SHALL INCLUDE BEST MANAGEMENT PRACTICES FOR THE REMEDIATION OF ALL PETROLEUM SPILLS AND LEAKS AS APPROPRIATE.

XV. OIL AND HAZARDOUS SUBSTANCE LIABILITY:
 NOTHING IN THIS PERMIT SHALL BE CONSTRUED TO PRECLUDE THE INSTALLATION OF ANY LEGAL ACTION OR RELIEVE THE PERMITTEE FROM ANY RESPONSIBILITIES, LIABILITIES, OR PENALTIES ESTABLISHED PURSUANT TO ANY APPLICABLE STATE LAW OR REGULATIONS UNDER AUTHORITY PROVIDED BY SECTION 310 OF THE CLEAN WATER ACT. NOTHING IN THIS PERMIT, UNLESS EXPLICITLY STATED, EXCEPTS THE PERMITTEE FROM COMPLIANCE WITH OTHER APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS, RULES, REGULATIONS, AND LAWS FURTHERMORE, IT IS NOT A DEFENSE TO COMPLIANCE WITH THIS PERMIT THAT A LOCAL GOVERNMENT WITHIN HAS ADOPTED THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN OR FAILED TO TAKE ENFORCEMENT ACTION AGAINST THE PERMITTEE FOR VIOLATIONS OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, OR OTHER PROVISIONS OF THIS PERMIT.

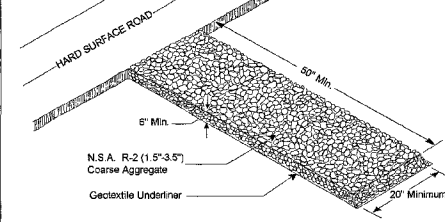
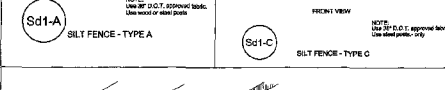
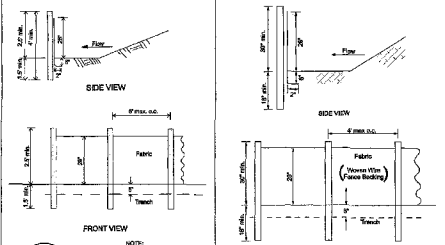
SOIL EROSION CONTROL NOTES

1. REFER TO THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, SECTION 6 FOR DETAILS, DESCRIPTIONS AND SPECIFICATIONS OF EROSION CONTROL MEASURES.

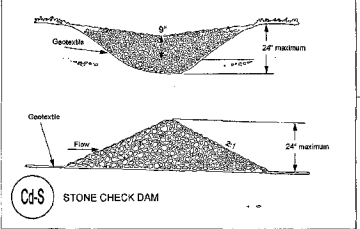
2. DEVELOPER SHALL AVOID PETROLEUM SPILLS AND LEAKS.

3. WHENEVER POSSIBLE, STORAGE, MAINTENANCE, AND REFUELING SHALL BE UNDERTAKEN ON IMPAVED SURFACES.

4. PERMANENT OR SEMI-PERMANENT PETROLEUM STORAGE SHALL BE CONDUCTED IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAW AND SHALL BE PROVIDED WITH SECONDARY CONTAINMENT WHERE APPLICABLE.



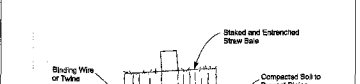
Co CRUSHED STONE CONSTRUCTION EXIT



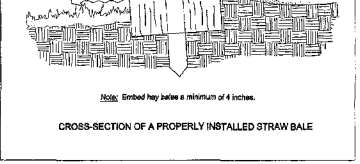
C+S STONE CHECK DAM
 L = The distance such that points A and B are of equal elevation



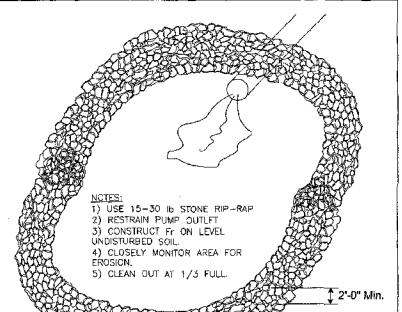
Cd SPACING BETWEEN CHECK DAMS



Fr STONE FILTER RING



Co CRUSHED STONE CONSTRUCTION EXIT



Fr STONE FILTER RING

NOTES:
 1) USE 1.5-3.5 IN STONE RIP-RAP
 2) RESTRAIN PUMP OUTLET
 3) CONSTRUCT FR ON LEVEL
 4) UNDISTURBED SOIL
 5) CLOSELY MONITOR AREA FOR EROSION.
 6) CLEAN OUT AT 1/3 FULL

VEGETATIVE MEASURES

Code	Species	Planting Rate	Planting Dates
BF	BERBERIS	4000 lbs/acre	3/1 - 6/15
CH	CHRISTOPHER STRAW	1900 lbs/acre	6/15 - 8/31
CS	CRABAPPLE	5000 lbs/acre	8/1 - 4/15
DS	DOGWOOD	1000 lbs/acre	
HS	HONEY SUEDE		
IS	IRIS		
LS	LIVELY FOLIAGE		
MS	MIMULUS		
PS	PRICKLY PEAR		
RS	REDBUD		
SS	SILVER CHERRY		
TS	TULIP TREE		
US	UNIDENTIFIED		

Seeding with mulch: (Hydraulic seeding equipment on slopes exceeding 3:1)

Seed Species	Application Rate/Acre	Planting Dates
Agricultural Limestone #75	4000 lbs/acre	
Fertilizer, 5-10-10	1900 lbs/acre	
Mulch (straw or hay) OR Wood Cellulose Fiber Mulch	5000 lbs/acre	
	1000 lbs/acre	

Seed Species	Application Rate/Acre	Planting Dates
Sericea lespedeza, scarified	60 lbs.	3/1 - 6/15
Kepping lovegrass, OR Common bermuda, hulled	4 lbs.	6/15 - 8/31
Fescue	40 lbs.	9/1 - 10/31
Sericea lespedeza, unscarified	60 lbs.	
Hay mulch for temporary cover	5000 lbs.	6/15 - 8/31
RYEGRASS, ANNUAL	168 lbs.	8/1 - 4/15

B. Topdressing: Apply when plants are 2 to 4 inches tall
 Fertilizer (Ammonium Nitrate 33.5) 300 lbs/acre

C. Second-Year Fertilizer: (0-20-20 or equivalent) 500 lbs/acre

LEGEND:
 BOUNDARY LINE
 EXISTING PROPERTY LINE
 PROPOSED PROPERTY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING RIGHT-OF-WAY
 PROPOSED RIGHT-OF-WAY
 EXISTING CURB LINE
 PROPOSED CURB LINE
 EXISTING SIDEWALK
 PROPOSED SIDEWALK
 EXISTING DRIVEWAY
 PROPOSED DRIVEWAY
 EXISTING UTILITY LINE
 PROPOSED UTILITY LINE
 EXISTING FENCE LINE
 PROPOSED FENCE LINE
 EXISTING ROADWAY
 PROPOSED ROADWAY

EROSION CONTROL PLAN FOR CHANEY ROAD PIT
 G.M.D. 33
 CAMDEN COUNTY, GEORGIA

STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Cd	CHECK DAM			Check dam to be constructed across a gully or drainage ditch to reduce sediment transport.
Ch	CHANNEL STABILIZATION			Stabilization of existing channels to prevent erosion.
Co	CONSTRUCTION EXIT			Exit structure to prevent sediment from leaving the site.
D1	DRAINAGE			Drainage structure to prevent water accumulation.
Dn1	DRY DRAINAGE STRUCTURE			Structure to prevent water accumulation in dry areas.
Dn2	DRY DRAINAGE STRUCTURE			Structure to prevent water accumulation in dry areas.
Gc	GASBAY			Structure to prevent sediment from leaving the site.
Gr	GRASS STRIP			Grass strip to prevent erosion.
Lv	LEVEE			Levee to prevent water accumulation.
Rd	ROCK FILTER DAM			Structure to prevent sediment from leaving the site.
Re	RETAINING WALL			Structure to prevent soil erosion.
Rt	RETAINING WALL			Structure to prevent soil erosion.
Sd1	SETBACK STRIP			Strip to prevent erosion.
Sd2	SETBACK STRIP			Strip to prevent erosion.
Sd3	SETBACK STRIP			Strip to prevent erosion.
Sr	STRIP			Strip to prevent erosion.
St	STRIP			Strip to prevent erosion.
Su	STRIP			Strip to prevent erosion.
Td	TOPDRESSING			Topdressing to prevent erosion.
Vt	VEGETATION			Vegetation to prevent erosion.

CUMBERLAND SURVEYORS

300 CAMDEN AVENUE
 WOODBRIDGE, GA 31569
 (912) 576-8854

I CERTIFY THAT I, STEVEN A. HOOKS, AS THE PLAN DESIGNER, HAVE VISITED THE SITE PRIOR TO THE DESIGN OF THE EROSION AND SEDIMENT CONTROL PLANS

DATE: 4/15/2010

SCALE: AS NOTED

CONTRACT BETWEEN OCEAN HIGHWAY AND PORT AUTHORITY
AND SALONEN MARINE, INC.

THIS Contract, made this _____ day of _____, 2019, by and between the Ocean Highway and Port Authority, an independent special district of the State of Florida, hereinafter designated as "OHPA," and Salonen Marine, Inc. hereinafter designated as the "Contractor"

WITNESS THAT:

WHEREAS OHPA is an independent special district created by the Florida Legislature; and

WHEREAS OHPA desires the services of a qualified and experienced dredging contractor to provide dredging services; and

WHEREAS OHPA solicited proposals for non-federal maintenance dredging via Construction Scope and Quoting Requirements dated September 18, 2019

WHEREAS the Contractor has responded to OHPA's solicitation with its Proposal dated September 20, 2019, and the Contractor is qualified and willing to provide said services; and

WHEREAS OHPA has found the Contractor's response to be acceptable and wishes to enter into a Contract; and

NOW THEREFORE OHPA and Contractor in consideration of the benefits flowing from each to the other do hereby agree as follows:

ARTICLE 1 - STATEMENT OF WORK

1.1 The Contractor shall furnish all equipment, tools, materials, labor, and everything necessary and shall perform the required Work in accordance with OHPA's Construction Scope and Quoting Requirements dated September 18, 2019 and Contractor's Proposal dated September 20, 2019, with the terms of both documents incorporated within this contract by reference. If any conflicts exist between the terms of this Contract and the terms of OHPA's Construction Scope and Quoting Requirements dated September 18, 2019 or the Contractor's Proposal dated September 20, 2019, the terms of this Contract shall control. If any conflicts exist between the terms of OHPA's Construction Scope and Quoting Requirements dated September 18, 2019 and the Contractor's Proposal dated September 20, 2019, the terms of OHPA's Construction Scope and Quoting Requirements dated September 18, 2019 shall control.

ARTICLE 2 - TERM OF THE CONTRACT

2.1 Unless extended or terminated, the period of performance of the Contract shall commence upon the effective date of the Notice to Proceed and continue for 60 calendar days. The Contractor shall not proceed with Work under this Contract until a Notice to Proceed is

received from OHPA. The parties acknowledge that the 21-day period in the Construction Scope and Quoting Requirements does not apply.

ARTICLE 3 - COMPENSATION

3.1 The consideration, for the full and complete performance under this Contract, shall be in the amount of \$40.00 per cubic yard of material dredged, up to 5,600 cubic yards, Quantities beyond this must be approved in writing by OHPA's Chairman subject to s. 4.2.
3.2 OHPA has the option to require a performance bond from Contractor. If OHPA exercises this option, the per yard price will be \$40.80.

ARTICLE 4 - INVOICING AND PAYMENT

4.1 If acceptable progress is being made, the Contractor may request partial payments on a weekly basis based on the actual value of Work done or completed. The request must be approved by OHPA's chairman.

4.2 The Chairman of OHPA has been authorized to approve and execute change orders of up to 10% of the initially executed contact value. When change orders in exceed 10% of the initially executed value, they will be presented to OHPA's Board for approval.

ARTICLE 5 - REMEDIES

5.1 If either party initiates legal action, including appeals, to enforce this Contract, the prevailing party shall be entitled to recover a reasonable attorney's fee.

5.2 Contractor shall defend, indemnify, and hold OHPA harmless from any claims made or actions taken against OHPA arising from Contractor's performance of this Agreement or dredging activities, provided however that Contractor is not undertaking any obligation to indemnify or insure OHPA for OHPA's negligence or to assume any liability for OHPA's negligence.

ARTICLE 6 - STANDARDS OF COMPLIANCE

6.1 The Contractor, its employees, Subcontractors, or assigns, shall comply with all applicable federal, state, and local laws and regulations relating to the performance of this Contract. OHPA undertakes no duty to ensure such compliance, but will attempt to advise the Contractor, upon request, as to any such laws of which it has present knowledge.

6.2 The Contractor hereby assures that no person shall be excluded on the grounds of race, color, creed, national origin, handicap, age, or sex, from participation in, denied the benefits of, or be otherwise subjected to discrimination in any activity under this Contract. The Contractor shall take all measures necessary to effectuate these assurances.

6.3 The laws of the State of Florida shall govern all aspects of this Contract. In the event it is necessary for either party to initiate legal action regarding this Contract, venue shall be in

Nassau County, Florida.

6.4 The Contractor hereby warrants that he has not, during the bidding process, nor shall he, during the term of this Contract, offer to pay any officer, employee or agent of OHPA, anything of value including, but not limited to gifts, loans, rewards, promises of future employment, favors or services, based on the understanding that the actions, decision or judgments of such officer, employee, or agent would be influenced thereby. For breach of this provision, OHPA may terminate this Contract without liability and, at its discretion, deduct or otherwise recover the full amount of such fee, commission, percentage, gift, or other consideration.

6.5 The Contractor, by its execution of this Contract, acknowledges and attests neither he, nor any of his suppliers, subcontractors, or consultants who shall perform Work which is intended to benefit OHPA, is a convicted vendor or, if the Contractor or any affiliate of the Contractor has been convicted of a public entity crime, a period longer than thirty-six (36) months has passed since that person was placed on the convicted vendor list. The Contractor further understands and accepts that this Contract shall be either voidable by OHPA or subject to immediate termination by OHPA, in the event there is any misrepresentation or lack of compliance with the mandates of Section 287.133, Florida Statutes. OHPA, in the event of such termination, shall not incur any liability to the Contractor for any Work or materials furnished.

6.6 Pursuant to Chapter 119.0701, Florida Statutes, Vendor must comply with the provisions of the Florida Public Records Act and keep and maintain public records that ordinarily and necessarily would be required by OHPA to perform Vendor's work; provide the public with access to public records on the same terms and conditions that OHPA would provide the public records and at a cost that does not exceed the cost provided in Chapter 119.0701, Florida Statutes, or as otherwise provided by law; ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law; meet all requirements for retaining public records and transfer, at no cost, to OHPA all public records in possession of Vendor upon termination of the contract and destroy any duplicates public records that are exempt or confidential and exempt from public records disclosure requirements.

6.7 IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT OCEAN HIGHWAY AND PORT AUTHORITY, (904) 491-7422, ohpanc@gmail.com, 86130 License Road, Suite 9. Fernandina Beach, FL 32034.

ARTICLE 7 - RELATIONSHIP BETWEEN THE PARTIES

7.1 The Contractor is an independent Contractor and is not an employee or agent of OHPA. Nothing in this Contract shall be interpreted to establish any relationship, other than that of an independent Contractor, between OHPA and the Contractor, its employees, agents,

subcontractors, or assigns, during or after the performance of this Contract. The Contractor is free to provide similar services to others.

7.2 The Contractor shall not assign, delegate, or otherwise transfer its rights and obligations as set forth in this Contract without the prior written consent of the OHPA.

ARTICLE 8 - GENERAL PROVISIONS

8.1 This Contract states the entire understanding between the parties and supersedes any written or oral representations, statements, negotiations, or agreements to the contrary. The Contractor recognizes that any representations, statements, or negotiations made by OHPA staff do not suffice to legally bind OHPA in a Contractual relationship unless they have been reduced to writing, approved, and signed by an authorized OHPA representative. This Contract, once properly executed, shall bind the parties, their assigns, and successors in interest.

8.2 This Contract may be amended only with the prior written approval of the parties.

IN WITNESS WHEREOF, the parties or their duly authorized representatives hereby execute this Contract on the date first written above.

OCEAN HIGHWAY AND PORT AUTHORITY

By: _____

Robert Sturgess as its Chairman

ATTEST:

Carrol Franklin as its Secretary

SALONEN MARINE, INC.

By: _____
Signature of Officer or Authorized Agent
Type or Print Name/Title

Ocean Highway and Port Authority, Nassau County Main Wharf Berths

Non-Federal Maintenance Dredging

Construction Scope and Quoting Requirements

September 18, 2019

The contractor shall perform the following:

1. Dredge the entire berth area to the west of the Port of Fernandina's main wharf to a minimum depth of -40 feet at MLW. The berth extends along the entire length of the main wharf (1,200 feet) and it extends west from the main wharf for a distance of 100 feet. Take care to prevent any damage to the dock. Turn off the cutter head if using one when working within 10 feet of the dock face. No more dredging is to be performed than is necessary to restore the berths to their originally designed depth of -40 feet at MLW. No significant impacts shall occur to previously undisturbed natural areas.
2. Deposit the spoil material in accordance with the FL Department of Environmental Protection permit which specifies that spoil material will be deposited at the Chaney Road Landfill in Woodbine, GA.
3. Employ water quality protection measures at the dredge site as prescribed by the U.S. Army Corps of Engineers permit. Perform turbidity monitoring to ensure that the specified level is not exceeded. Cease dredging operations as necessary to remain below the specified level.
4. Employ manatee, small toothed sawfish and sea turtle protection measures as prescribed in and attached to the U.S. Army Corps of Engineers permit.
5. Survey the dredge area after dredging and calculate the dredge quantity based upon the post-dredge survey compared to the pre-dredge survey (provided to you by the Port).

The Ocean Highway & Port Authority may, at its option, accept your post-dredge survey and calculations or perform its own post-dredge survey and volume calculations by a Florida registered surveyor.

All dredging operations will be conducted in strict compliance with the U.S. Army Corps of Engineers and Department of Environmental Protection permits. As soon as a contract for the dredging is executed by the Ocean Highway and Port Authority (expected date of contract execution is NLT 10/01/2019), the selected contractor will be issued NTP. The Ocean Highway and Port Authority desires to have the maintenance dredging of its berths complete in 21 days from NTP.

Structure the proposal as a straight unit cost proposal. Please submit your quote by 5:00 PM on Friday 9/20/2019 to Stan Herrington, Facility & Equipment Manager, Worldwide Terminals, Port of Fernandina.