

MARK WILLIAMS
COMMISSIONER

DOUG HAYMANS
DIRECTOR

August 1, 2022

Ollie Himbert
Georgia Ports Authority
P.O. Box 2406
Savannah, GA

Re: Letter of Permission (LOP) and Revocable License (RL) for Fender Replacement, Berth 3, Colonel's Island Terminal, South Brunswick River, Glynn County, Georgia. (USACE #: SAS-2013-00159)

Dear Mr. Himbert:

This Letter of Permission (LOP) is in response to your request, dated July 12, 2022 to replace existing fenders at Berth 3, Colonel's Island Terminal, South Brunswick River, Glynn County, Georgia. The existing fenders at this location require replacement due to normal deterioration over time and two fenders experienced severe damage during a foul weather vessel departure. The existing fender system consists of ten cone fenders with steel frontal panels with two H-piles supporting the steel frontal panels.

The project will consist of removing the deteriorated and broken fenders and replacing them in the same footprint as the existing fender system. The new fender system will be mounted to the seaward face of the dock so that no H-piles will be required. The existing 20 H-piles will be removed by use of a vibratory pile driver from a barge mounted crane. There will be no new impacts to coastal marshlands resulting from the project. The work will begin no sooner than 15 days from the date of this letter and be completed within six months.

The Department authorizes the removal and replacement of fenders as described in the attached description and drawings. **No unauthorized equipment, vehicles, materials, or debris may be placed in, disposed of, or stored in jurisdictional areas.** All material removed must be disposed of at an appropriate upland disposal area. Any visible alterations in marsh topography will be restored immediately using low-impact hand tools. Any damage to the marsh vegetation that has not recovered naturally during the next growing season will be repaired by a method acceptable to the Department.

Please find enclosed a fully executed Revocable License (RL) for the project described above. This license serves as an authorization to utilize state owned tidal water bottoms for your project. Any change in the use, location, dimensions, or configuration of the approved project, without prior notification and approval from this office could result in revocation of this permission and in the required removal of the related structures. The construction of the project permitted for this license must be completed six months from the date of issuance of the license. Future maintenance activities that occur within tidal waters and have the potential to cause adverse impact, either

temporary or permanent, or that will be in the public's interest shall be reported to the Georgia Department of Natural Resources' Coastal Resources Division.

This authorization does not relieve you from obtaining any other required federal, state, or local permits. Tidal water bottoms and marshlands of coastal Georgia are public trust lands controlled by the State, except for such lands where a validated Crown Grant or State Grant exists. If you have any questions you may contact Paul Tobler at (912) 264-7218.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jill Andrews", with a stylized, cursive script.

Jill Andrews
Chief, Coastal Management Section

Enclosures: Description, Figures, Revocable License, Federal Consistency Certification Statement

File: RLS20220032

FEDERAL CONSISTENCY CERTIFICATION STATEMENT

Printed Name of Applicant(s): Georgia Ports Authority - Olli Himbert

Applicant Email: ohimbert@gaports.com Phone: (917) 964-3957

Agent Name (if applicable): SECI - Brandon Wall Phone: (912) 232-0451

To Whom It May Concern:

This is to certify that I have made application to the U.S. Army Corps of Engineers (USACE) for authorization to impact Waters of the United States and that such proposed work is, to the best of my knowledge, consistent with Georgia's Coastal Management Program.

I understand I must provide this Consistency Certification Statement, along with a copy of my permit application submitted to USACE, to the Georgia Department of Natural Resources Coastal Resources Division (CRD) before they can begin evaluating my proposed project for consistency with Georgia's enforceable policies. I understand additional information may be required to facilitate review.

Once any required authorizations or permits from CRD have been issued, and CRD has concurred with my findings by signing this Consistency Certification Statement, CRD must submit it to USACE in order for them to issue any required federal permits or authorizations, or to validate any provisional authorizations they have already issued. A USACE provisional authorization or permit will not be valid until they receive this Certification Statement signed by CRD.

☒ Attached is a copy of my application to USACE (required)

Signature of Applicant: [Signature] Date: 7/12/2022

FOR AGENCY INTERNAL USE ONLY:	Date Received (Commencement Date): <u>7/12/2022</u>
USACE Authorization/Permit Number (assigned by USACE):	<u>SAS-2013-06159</u>
USACE Authorization Type (select one):	<input type="checkbox"/> Individual Permit <input type="checkbox"/> General Permit # <input checked="" type="checkbox"/> NWP # <u>3</u>
USACE Project Manager:	<u>Sarah Wise</u>
CRD Authorization/Permit Number (assigned by CRD):	<u>RLS20220032</u>
CRD Project Manager:	<u>Paul D. Tobler</u>

CRD CONCURS WITH THIS CONSISTENCY CERTIFICATION STATEMENT TO THE EXTENT THAT USACE AUTHORIZATION IS CONSISTENT WITH THE PROJECT AS DESCRIBED IN ANY CRD AUTHORIZATION.

CRD Signature: [Signature] Date: 8/1/22
Printed Name: Jill Andrews Title: Chief

For questions regarding consistency with the Georgia Coastal Management Program, please contact the Federal Consistency Coordinator at (912) 264-7218 or visit www.CoastalGADNR.org.

sligh environmental consultants, inc

July 12, 2022

U.S. Army Corps of Engineers
Regulatory Branch, Southern Section
100 West Oglethorpe Avenue
Savannah, Georgia 31401-3640

**Subject: Nationwide Permit 3 Application
 Colonel's Island Terminal
 Berth 3 Fender Replacement
 Glynn County, Georgia**

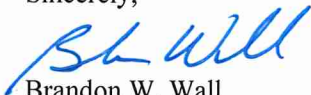
Sligh Environmental Consultants, Inc., on behalf of the Georgia Ports Authority, is pleased to submit the attached information requesting authorization under Nationwide Permit 3 to replace the existing fenders at Colonel's Island Terminal Berth 3 in Brunswick, Glynn County, Georgia. Recently, two of the fenders were severely damaged by a departing vessel during high winds and are at risk of complete failure. The remaining eight fenders will be replaced due to normal wear and tear. The project does not require any impacts to waters of the U.S. or new pile placement. The only activities required by the project consist of removal of 20 existing H-piles and mounting the new fenders to the face of the wharf.

The attached information includes the following:

- Pre-Construction Notification Form
- Signed Revocable License Request Form
- Federal Consistency Certification Statement
- Project Location Map
- U.S. Geological Survey of the project site
- Aerial Photograph of the project site
- Permit drawings depicting the proposed project
- Project Description with Site Photographs
- IPAC Print-out

Due to the emergency nature of the two fender failures, the new fenders have already been purchased and are set to arrive in approximately 30 days. Therefore, this project is of high priority to the applicant in order to keep the dock in working order. If you have any questions or comments, or if you wish to discuss the project in further detail, please do not hesitate to contact me at (912) 232-0451.

Sincerely,



Brandon W. Wall
Project Biologist
Sligh Environmental Consultants, Inc.

Enclosures

Cc: Mr. Bradley Smith – EPD
 Ms. Kelie Moore – CRD
 Mr. Paul Tobler – CRD
 Mr. Josh Noble – CRD
 Mr. Brad Woodall – Moffatt & Nichol

U.S. Army Corps of Engineers (USACE)
NATIONWIDE PERMIT PRE-CONSTRUCTION NOTIFICATION (PCN)
 33 CFR 330. The proponent agency is CECW-CO-R.

Form Approved -
OMB No. 0710-0003
Expires: 02-28-2022

DATA REQUIRED BY THE PRIVACY ACT OF 1974

Authority Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Regulatory Program of the Corps of Engineers (Corps); Final Rule 33 CFR 320-332.

Principal Purpose Information provided on this form will be used in evaluating the nationwide permit pre-construction notification.

Routine Uses This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of the agency coordination process.

Disclosure Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued.

The public reporting burden for this collection of information, 0710-0003, is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

PLEASE DO NOT RETURN YOUR RESPONSE TO THE ABOVE EMAIL.

One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (*see sample drawings and/or instructions*) and be submitted to the district engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE
--------------------	----------------------	------------------	------------------------------

(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME First - Olli Middle - Last - Himbert Company - Georgia Ports Authority Company Title - E-mail Address - ohimbert@gaports.com	8. AUTHORIZED AGENT'S NAME AND TITLE (<i>agent is not required</i>) First - Brandon Middle - W Last - Wall Company - Sligh Environmental Consultants, Inc. E-mail Address - b_wall@slighec.com
6. APPLICANT'S ADDRESS Address- P.O. Box 2406 City - Savannah State - GA Zip - 31402 Country - USA	9. AGENT'S ADDRESS Address- 31 Park of Commerce Way Suite 200B City - Savannah State - GA Zip - 31405 Country - USA
7. APPLICANT'S PHONE NOs. with AREA CODE a. Residence b. Business c. Fax d. Mobile	10. AGENT'S PHONE NOs. with AREA CODE a. Residence b. Business c. Fax d. Mobile 912-232-0451

STATEMENT OF AUTHORIZATION

11. I hereby authorize, SECI to act in my behalf as my agent in the processing of this nationwide permit pre-construction notification and to furnish, upon request, supplemental information in support of this nationwide permit pre-construction notification.


 SIGNATURE OF APPLICANT



 7.12.2022
 DATE

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY

12. PROJECT NAME or TITLE (*see instructions*)

CIT Berth 3 Fender Replacement

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY			
13. NAME OF WATERBODY, IF KNOWN <i>(if applicable)</i> South Brunswick River		14. PROPOSED ACTIVITY STREET ADDRESS <i>(if applicable)</i> Colonel's Island Terminal	
15. LOCATION OF PROPOSED ACTIVITY <i>(see instructions)</i> Latitude °N Longitude °W 31.13483 -81.53939		City: State: Zip: Brunswick GA	
16. OTHER LOCATION DESCRIPTIONS, IF KNOWN <i>(see instructions)</i> State Tax Parcel ID Municipality Section Township Range N/A N/A N/A			
17. DIRECTIONS TO THE SITE From I-95, take Highway 82 east to Joe Frank Harris Blvd. Turn left into CIT.			
18. IDENTIFY THE SPECIFIC NATIONWIDE PERMIT(S) YOU PROPOSE TO USE Nationwide Permit #3			
19. DESCRIPTION OF PROPOSED NATIONWIDE PERMIT ACTIVITY <i>(see instructions)</i> The applicant proposes to replace the existing Berth 3 fenders. No impacts are required to waters of the U.S. (See Project Description)			
20. DESCRIPTION OF PROPOSED MITIGATION MEASURES <i>(see instructions)</i> No mitigation is required			
21. PURPOSE OF NATIONWIDE PERMIT ACTIVITY <i>(Describe the reason or purpose of the project, see instructions)</i> The purpose of the project is to replace the existing fender system, including two severely damaged fenders, to maintain the current working order of the facility.			
22. QUANTITY OF WETLANDS, STREAMS, OR OTHER TYPES OF WATERS DIRECTLY AFFECTED BY PROPOSED NATIONWIDE PERMIT ACTIVITY <i>(see instructions)</i> Acres Linear Feet Cubic Yards Dredged or Discharged			
Each PCN must include a delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and perennial, intermittent, and ephemeral streams, on the project site.			
23. List any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity. <i>(see instructions)</i> N/A			
24. If the proposed activity will result in the loss of greater than 1/10-acre of wetlands and requires pre-construction notification, explain how the compensatory mitigation requirement in paragraph (c) of general condition 23 will be satisfied, or explain why the adverse environmental effects are no more than minimal and why compensatory mitigation should not be required for the proposed activity. N/A			

<p>25. Is any portion of the nationwide permit activity already complete? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, describe the completed work:</p>
<p>26. List the name(s) of any species listed as endangered or threatened under the Endangered Species Act that might be affected by the proposed NWP activity or utilize the designated critical habitat that might be affected by the proposed NWP activity. (<i>see Instructions</i>) See attached Project Description</p>
<p>27. List any historic properties that have the potential to be affected by the proposed NWP activity or include a vicinity map indicating the location of the historic property or properties. (<i>see Instructions</i>) There are no known listing within the project area. It is our opinion that the proposed project will not impact any sites eligible for listing on the National Register of Historic Places.</p>
<p>28. For a proposed NWP activity that will occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, identify the Wild and Scenic River or the "study river": N/A</p>
<p>29. If the proposed NWP activity also requires permission from the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers federally authorized civil works project, have you submitted a written request for section 408 permission from the Corps district having jurisdiction over that project? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "yes", please provide the date your request was submitted to the Corps district:</p>
<p>30. If the terms of the NWP(s) you want to use require additional information to be included in the PCN, please include that information in this space or provide it on an additional sheet of paper marked Block 30. (<i>see Instructions</i>) See attached Project Description.</p>
<p>31. Pre-construction notification is hereby made for one or more nationwide permit(s) to authorize the work described in this notification. I certify that the information in this pre-construction notification is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="text-align: center;">  _____ SIGNATURE OF APPLICANT </div> <div style="text-align: center;"> 7.12.2022 _____ DATE </div> <div style="text-align: center;">  _____ SIGNATURE OF AGENT </div> <div style="text-align: center;"> 7/12/22 _____ DATE </div> </div>
<p>The pre-construction notification must be signed by the person who desires to undertake the proposed activity (applicant) and, if the statement in Block 11 has been filled out and signed, the authorized agent.</p> <p>18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.</p>

STATE OF GEORGIA

REQUEST FOR A REVOCABLE LICENSE FOR THE USE OF TIDAL WATERBOTTOMS

APPLICANT NAME(S): Georgia Ports Authority - Mr. Olli Himbert
MAILING ADDRESS: P.O. Box 2406 Savannah GA 31402
(Street) (City) (State) (Zip)
PROJECT ADDRESS/LOCATION: Colonel's Island Terminal Berth 3 (31.13483, -81.53939)
COUNTY: Glynn WATERWAY: South Brunswick River
LOT, BLOCK & SUBDIVISION NAME FROM DEED: N/A

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

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

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

Sincerely,

By: [Signature]
Signature of Applicant

Date: 7.12.2022

Title, if applicable

By: _____
Signature of Applicant

Date: _____

Title, if applicable

Attachments

FEDERAL CONSISTENCY CERTIFICATION STATEMENT

Printed Name of Applicant(s): Georgia Ports Authority - Olli Himbert

Applicant Email: ohimbert@gaports.com Phone: (917) 964-3957

Agent Name (if applicable): SECI - Brandon Wall Phone: (912) 232-0451

To Whom It May Concern:

This is to certify that I have made application to the U.S. Army Corps of Engineers (USACE) for authorization to impact Waters of the United States and that such proposed work is, to the best of my knowledge, consistent with Georgia's Coastal Management Program.

I understand I must provide this Consistency Certification Statement, along with a copy of my permit application submitted to USACE, to the Georgia Department of Natural Resources Coastal Resources Division (CRD) before they can begin evaluating my proposed project for consistency with Georgia's enforceable policies. I understand additional information may be required to facilitate review.

Once any required authorizations or permits from CRD have been issued, and CRD has concurred with my findings by signing this Consistency Certification Statement, CRD must submit it to USACE in order for them to issue any required federal permits or authorizations, or to validate any provisional authorizations they have already issued. A USACE provisional authorization or permit will not be valid until they receive this Certification Statement signed by CRD.

☒ Attached is a copy of my application to USACE (required)

Signature of Applicant:  Date: _____

FOR AGENCY INTERNAL USE ONLY: Date Received (Commencement Date): _____
USACE Authorization/Permit Number (assigned by USACE): _____

USACE Authorization Type (select one): ☐ Individual Permit ☐ General Permit #____ ☐ NWP #____

USACE Project Manager: _____

CRD Authorization/Permit Number (assigned by CRD): _____

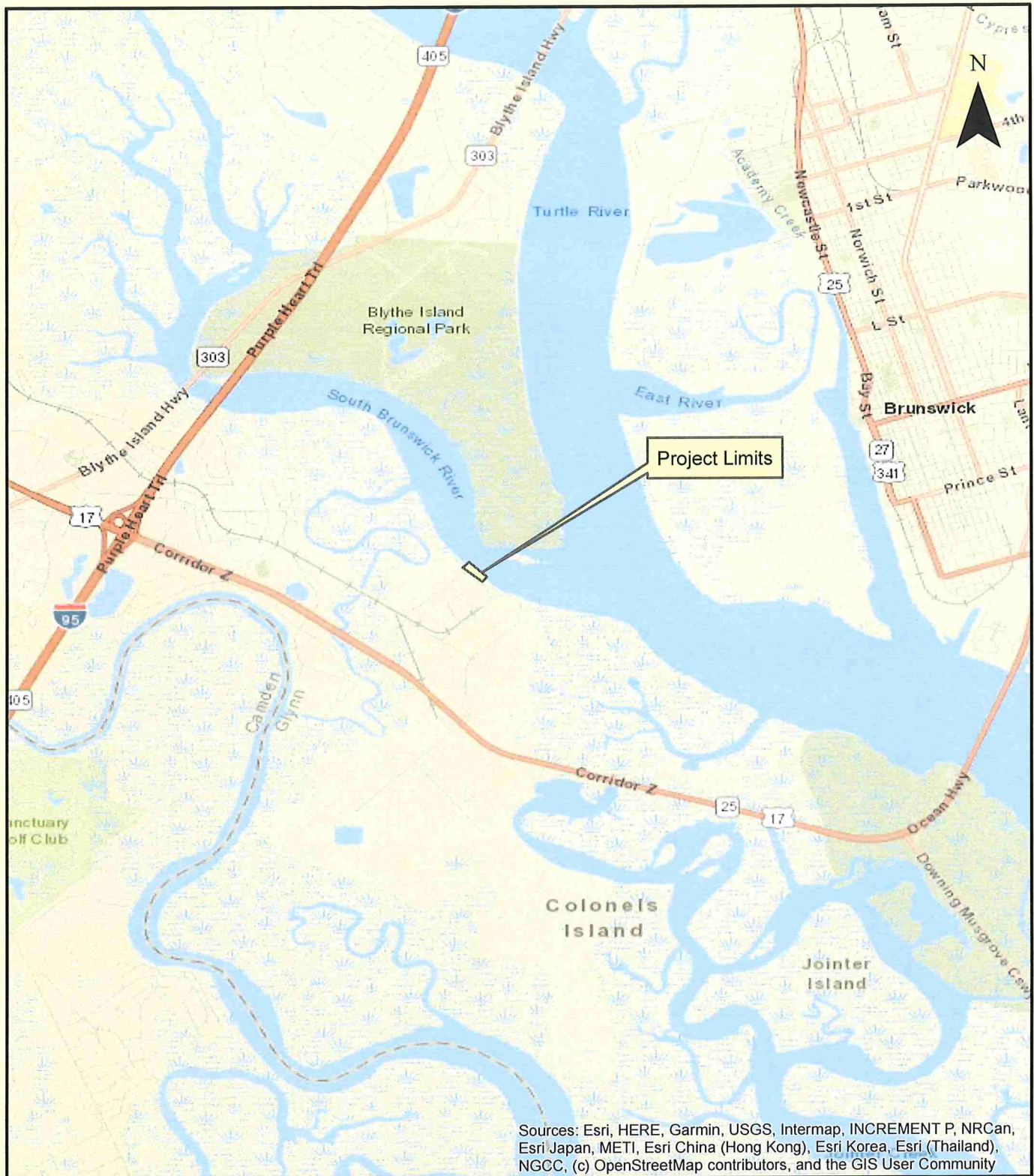
CRD Project Manager: _____

CRD CONCURS WITH THIS CONSISTENCY CERTIFICATION STATEMENT TO THE EXTENT THAT USACE AUTHORIZATION IS CONSISTENT WITH THE PROJECT AS DESCRIBED IN ANY CRD AUTHORIZATION.

CRD Signature: _____ Date: _____

Printed Name: _____ Title: _____

For questions regarding consistency with the Georgia Coastal Management Program, please contact the Federal Consistency Coordinator at (912) 264-7218 or visit www.CoastalGADNR.org.



Project Limits

Prepared By:
sligh environmental consultants, inc.
 31 Park of Commerce Way, Suite 200B
 Savannah, Georgia 31405
 phone (912) 232-0451
 fax (912) 232-0453

Location Map
 Colonel's Island Terminal - Berth 3
 Fender Replacement
 Glynn County, Georgia

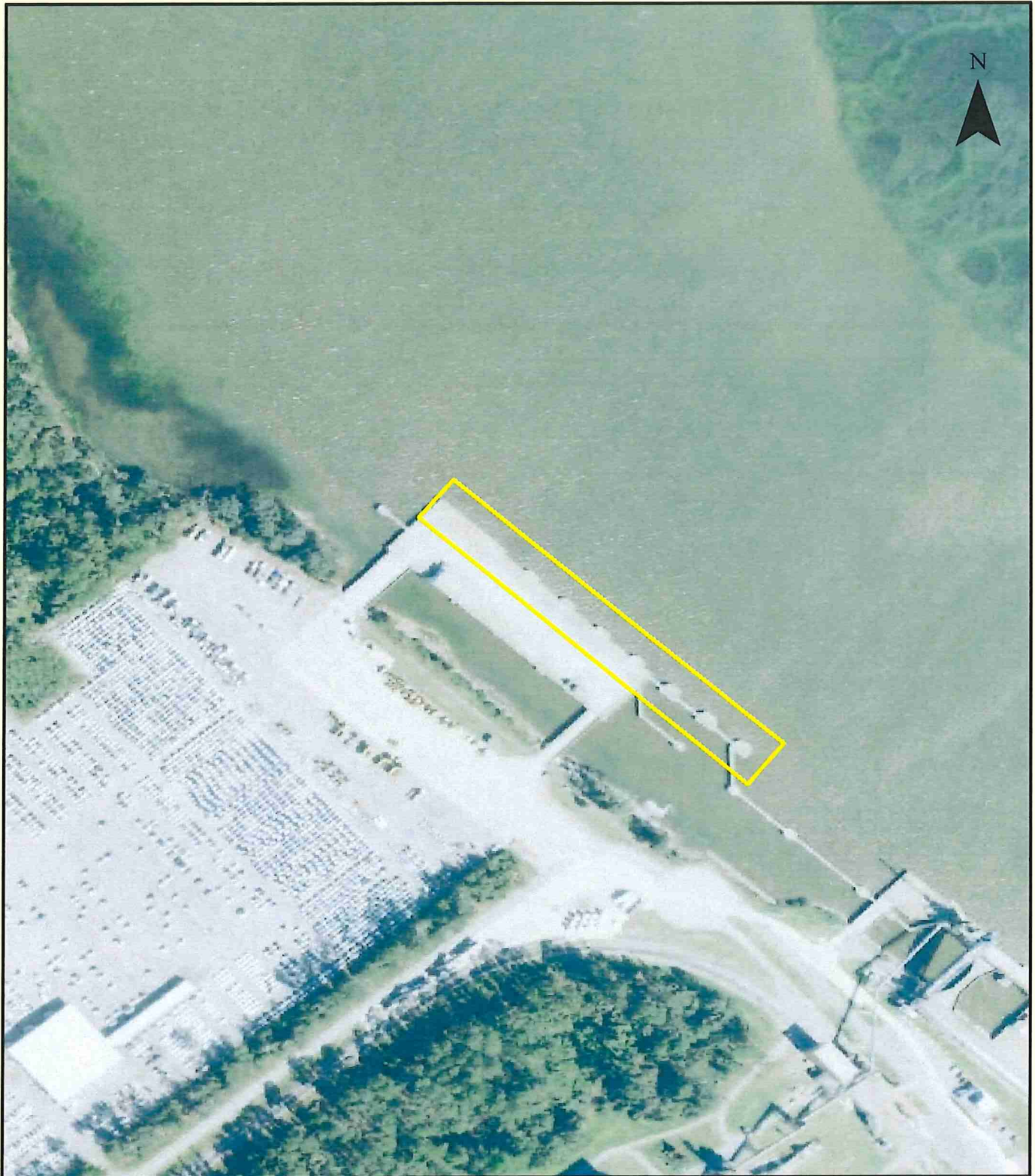
1
 Miles

Exhibit Date: July 2022

Drawn By: TCT

Reviewed By: BWW

Job Number : 01-21-071



 Project Limits

Prepared By:

sligh environmental consultants, inc.
 31 Park of Commerce Way, Suite 200B
 Savannah, Georgia 31405
 phone (912) 232-0451
 fax (912) 232-0453

Aerial Photograph
 Colonel's Island Terminal - Berth 3
 Fender Replacement
 Glynn County, Georgia

300

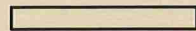
 Feet

Exhibit Date: July 2022

Drawn By: TCT

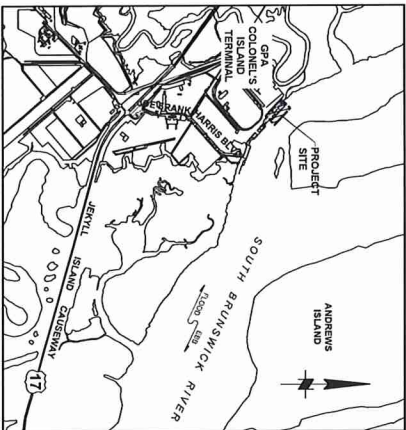
Reviewed By: BWW

Job Number : 01-21-071

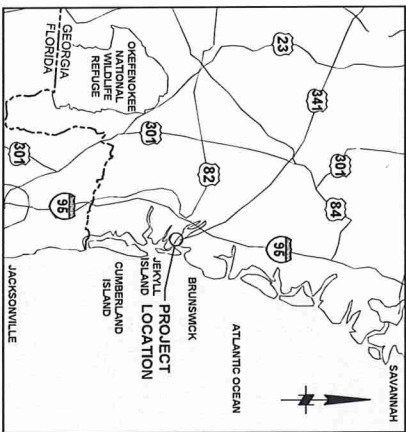
GEORGIA PORTS AUTHORITY COLONEL'S ISLAND TERMINAL BERTH 3 FENDER REPLACEMENT BRUNSWICK, GEORGIA



GEORGIA PORTS AUTHORITY PROJECT No. 2112-1094
FEBRUARY 3, 2022



VICINITY MAP
NOT TO SCALE



LOCATION MAP
NOT TO SCALE

DRAWING LIST

INDEX NUMBER	SHEET NUMBER	SHEET TITLE
1	G-001	COVER SHEET
2	G-002	GENERAL NOTES
3	G-003	ABBREVIATIONS AND SYMBOLS
4	G-101	TERMINAL SITE PLAN
5	D-101	DEMOLITION PLAN
6	S-100	SITE PLAN
7	S-501	FENDER DETAILS - SHEET 1 OF 2
8	S-502	FENDER DETAILS - SHEET 2 OF 2
9	S-503	CURB DETAILS - ALTERNATIVE BID NO. 1

REFERENCE DRAWINGS

COLONEL'S ISLAND BERTH 3, DATED: 18 AUG 2000

ISSUED FOR BID

ISSUED: 2022-02-03

NOT TO BE USED FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 27"x44" DRAWING

INDEX: 1 OF 9

Sheet
Reference No.
G-001



2 EAST BRYAN ST., STE 501
SAVANNAH, GA 31401
912-231-0044

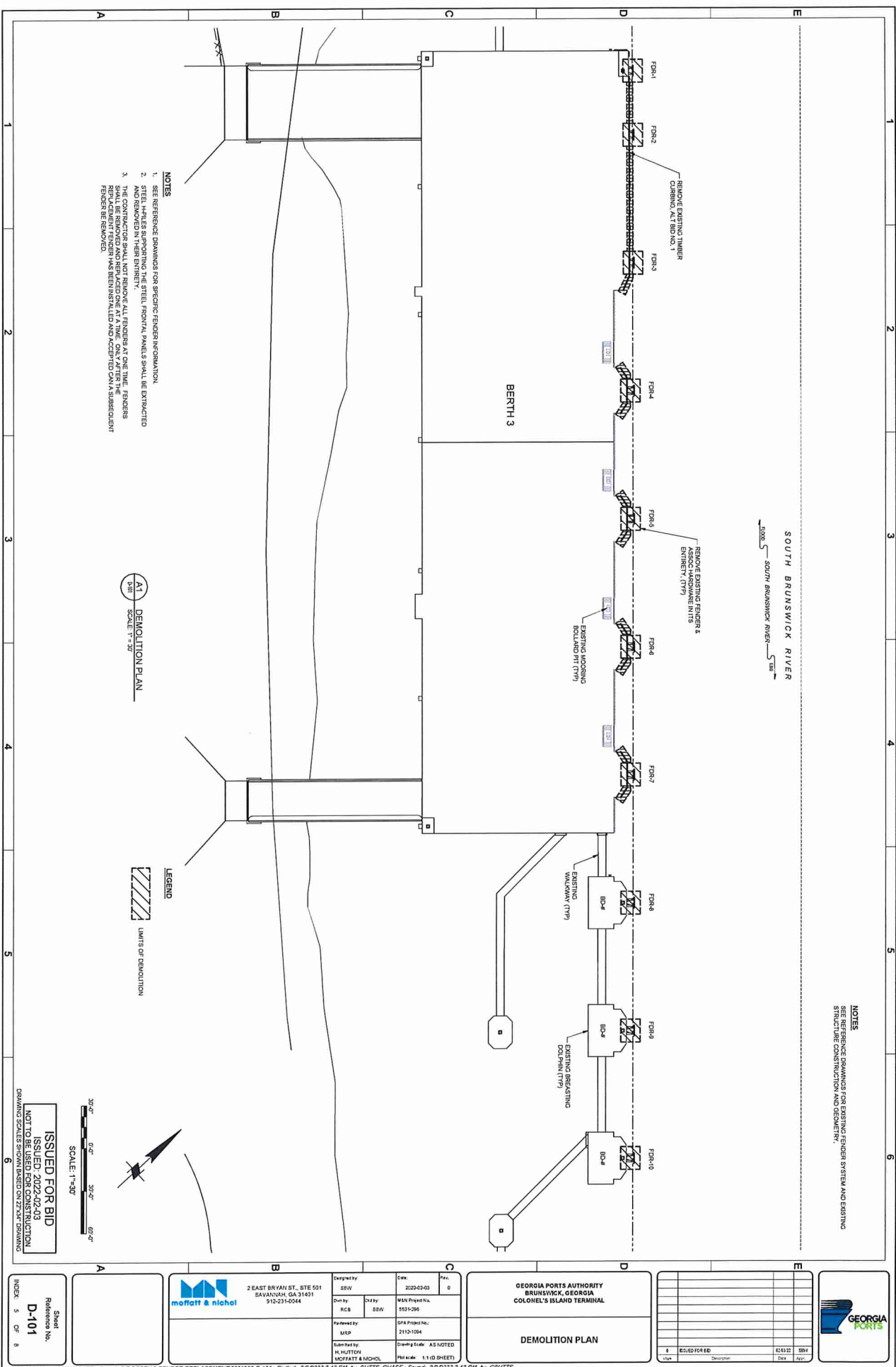
Designed by: EDW	Date: 2022-02-03	Per: D
Drawn by: RCB	Check by: EDW	W&N Project No.: 5531-256
Reviewed by: MSP	GRF Project No.: 2112-1094	
Scale: As Shown	Drawing Scale: AS NOTED	Plot Scale: 1:1 (D SHEET)
Author: M. HUTTON	Checker: M. HUTTON	

GEORGIA PORTS AUTHORITY
BRUNSWICK, GEORGIA
COLONEL'S ISLAND TERMINAL

COVER SHEET

Rev	Description	Date	By
1	ISSUED FOR BID	02/03/22	EDW





- NOTES**
1. SEE REFERENCE DRAWINGS FOR SPECIFIC FENDER INFORMATION.
 2. FENDER PANELS INCLUDING THE STEEL FRONTAL PANELS SHALL BE EXTRACTED AND REUSED IN THE NEW FENDER SYSTEM.
 3. THE CONTRACTOR SHALL NOT REMOVE ALL FENDERS AT ONE TIME. FENDERS SHALL BE REMOVED AND REPLACED ONE AT A TIME. ONLY AFTER THE FENDER BE REMOVED.

LEGEND

LIMITS OF DEMOLITION

ISSUED FOR BID
ISSUED: 2022-02-03
NOT TO BE USED FOR CONSTRUCTION

Sheet
Reference No.
D-101
INDEX: 5 OF 6



2 EAST BRAYAN ST., STE 501
SAVANNAH, GA 31401
912-231-0044

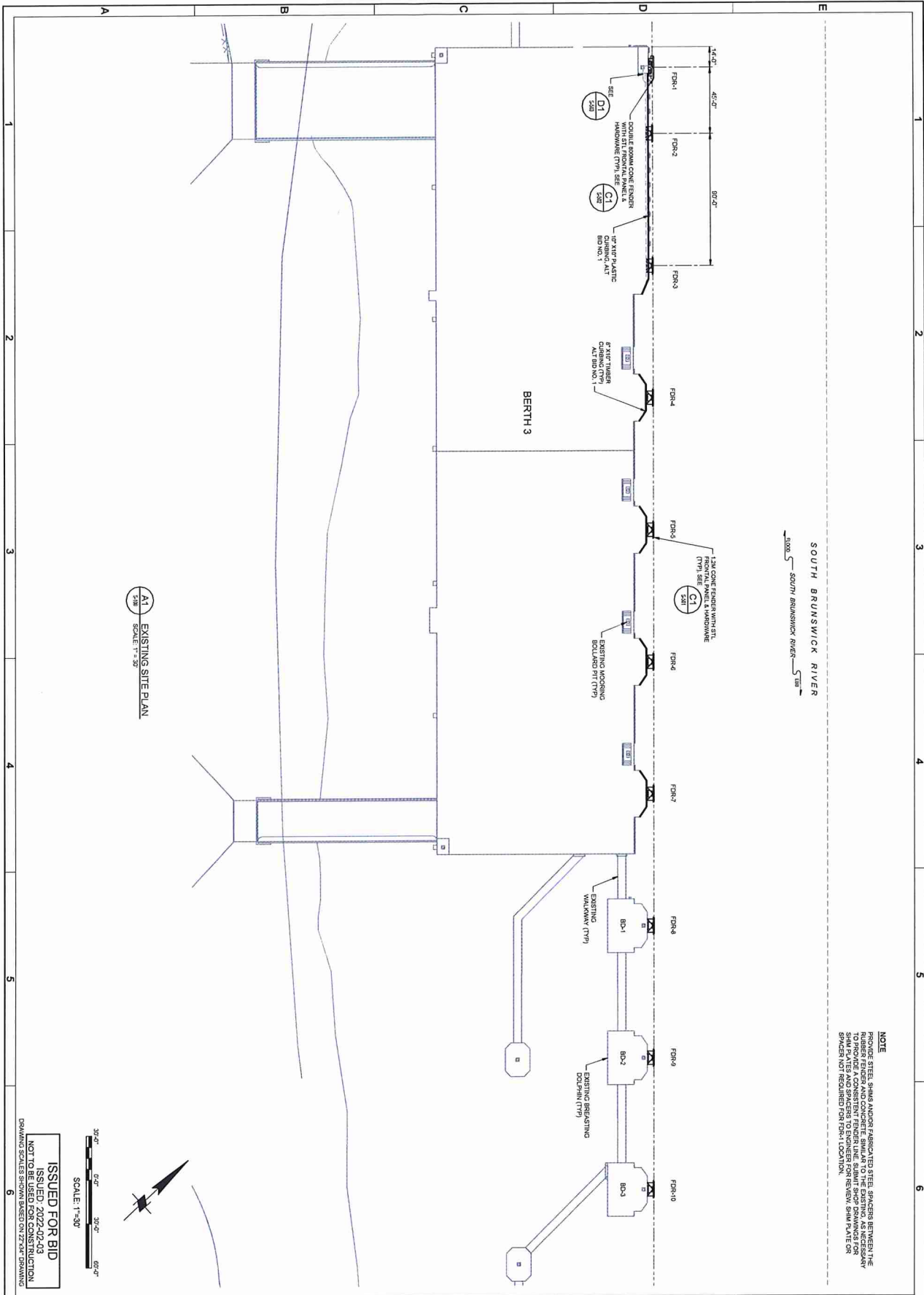
Designed by SEW	Drawn by RCB	Check by SEW	Date: 2/22/22-02-03	Rev: 0
Reviewed by MSP	Submittal by M. HUTTON MOFFATT & NICHOL	Project No.: 2112-1004	Drawn Scale: AS NOTED	Plot Scale: 1:1 (D SHEET)

GEORGIA PORTS AUTHORITY
BRUNSWICK, GEORGIA
COLONEL'S ISLAND TERMINAL

DEMOLITION PLAN

Rev.	Description	Date	By
1	ISSUED FOR BID	4/13/22	SEW





ISSUED FOR BID
ISSUED: 2022-02-03
NOT TO BE USED FOR CONSTRUCTION

2 EAST ERYAN ST., STE 501
SAVANNAH, GA 31401
912-331-0054

Designed by: ESW
Drawn by: RCB
Reviewed by: MRP
Submittal by: H. HUTTON
MOFFATT & NICHOL

Date: 2022-02-03
WEN Project No.: 5533-206
GSA Project No.: 2113-1004
Drawing Scale: AS NOTED
Plot scale: 1:1 (D SHEET)

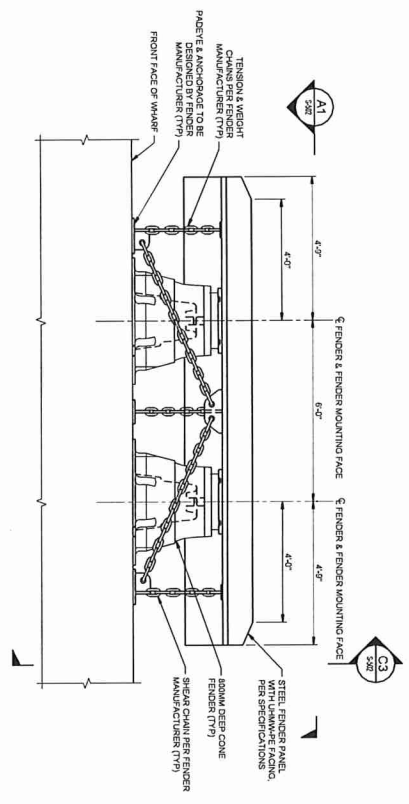
GEORGIA PORTS AUTHORITY
BRUNSWICK, GEORGIA
COLONEL'S ISLAND TERMINAL

SITE PLAN

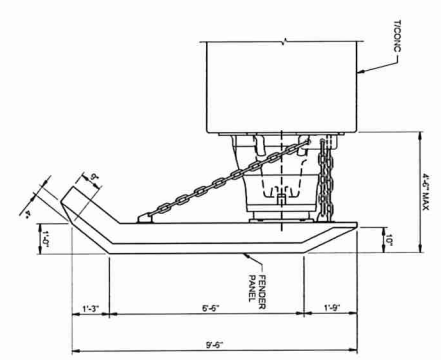
NO.	REVISION	DATE	BY
1	ISSUED FOR BID	2/3/22	ESW

Sheet
Reference No.
S-100

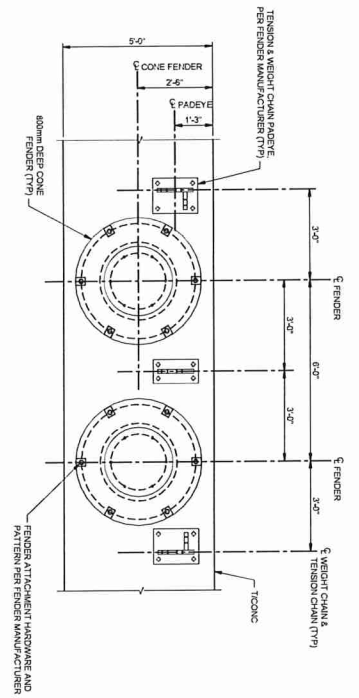
INDEX 0 OF 8



C1 FENDER PLAN
SCALE: 1/2" = 1'-0"



C3 SECTION
SCALE: 1/2" = 1'-0"



A1 ELEVATION
SCALE: 1/2" = 1'-0"

NOTE
FENDER PANEL NOT SHOWN

- NOTES**
- THE FENDER FINGER ELEMENT SHALL BE CAPABLE OF ABSORBING ENERGY WITH AN ENERGY AND REDUCTION PERFORMANCE TO EXCEED THAT OF A 10% MAXIMUM REACTION FOR RATED ENERGY.
 - THE FINGER SHALL EXHIBIT THE REQUIRED PERFORMANCE CAPABILITY IN BOTH THE HORIZONTAL AND VERTICAL DIRECTIONS.
 - WEIGHT CHAINS ARE TO INCLUDE CHAIN TENSIONERS TO ENSURE PROPER FIT UP OF THE FENDER AND CHAIN TENSION CHAIN PASTE INSTALLED TO THE CONCRETE FACE.
 - PROVIDE FOR ANCHOR BOLTS INSTALLATION SHALL BE SET UP BY MANUAL OR APPROVED EQUAL FOLLOWING MANUFACTURER'S INSTALLATION INSTRUCTIONS. (SEE DRAWING AND SPEC)

ISSUED FOR BID
ISSUED: 2022-02-03
NOT TO BE USED FOR CONSTRUCTION
DRAWING SCALES SHOWN BASED ON 24" X 36" DRAWING

SCALE: 1/2" = 1'-0"

Sheet
Reference No.
S-502
INDEX 8 OF 8



2 EAST BRYAN ST., STE 501
SAVANNAH, GA 31401
910-231-0044

Designed by ESW	Date 2022-02-03	Rev. 0
Drawn by RCB	Check by ESW	WSP Project No. 5531-296
Reviewed by MSP	2110-1004	GP&R Project No. 2110-1004
Submittal by H. HUTTON MOFFITT & NICHOL	Drawn Scale AS NOTED	Plot Scale 1:1 (0 SHEET)

GEORGIA PORTS AUTHORITY
BRUNSWICK, GEORGIA
COLONEL'S ISLAND TERMINAL

FENDER DETAILS
SHEET 2 OF 2

REV	DESCRIPTION	DATE
1	ISSUED FOR BID	02/03/22



Project Description
Colonel's Island Terminal Berth 3 Fender Replacement
Glynn County, Georgia
July 12, 2022

Introduction:

Sligh Environmental Consultants, Inc. (SECI), on behalf of the Georgia Ports Authority (GPA), requests authorization under Nationwide Permit 3 to replace the existing fenders at Berth 3 at Colonel's Island Terminal in Glynn County, Georgia.

Proposed Project:

The existing fender system at Berth 3 is in urgent need of replacement due to ordinary corrosion and deterioration over the last 20 years but also due to damage inflicted by a departing vessel recently. Two fenders were severely damaged by a departing Ro/Ro vessel during high winds, and these fenders are in urgent need of replacement. The existing fender system consists of ten cone fenders with steel frontal panels with two H-piles supporting the steel frontal panels. The new fender system will be attached to the face of the dock, so no piles are required. The existing 20 H-piles will be extracted from the waterway using a vibratory pile driver and a crane/barge. There are no additional piles or other structures proposed in the waterway. The new fender system will be constructed within the existing fender system footprint. No discharge of dredged or fill material into jurisdictional waters is required for this project, and no permanent structures in the waterway or pile driving will be necessary.

Mitigation Plan:

The project requires maintenance and repair of an existing fender system. The existing fenders will be removed and new fenders will be mounted to the face of the existing dock. No new piles or other structures are proposed. No discharge of dredge or fill material will result from the project. Therefore, no mitigation is required.

Threatened and Endangered Species:

The project area consists of a pile-supported concrete wharf located over deep open water habitat. The South Brunswick River could support the west Indian manatee (*Trichechus manatus*), shortnose sturgeon (*Acipenser brevirostrum*), and Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*). The extraction of only 20 existing piles with a vibratory hammer and mounting new fenders to the face of the existing wharf will not affect sturgeon species through noise or any other measure. Vibratory hammer usage on H-piles does not exceed the peak or cumulative effects threshold used by NMFS. Additionally, the fenders will be removed and replaced one at a time. Only after the two supporting piles are extracted and the fender replaced will the contractor move on to the next fender. This ensures that only two H-piles are removed at a time further ensuring that no effects will be caused by the project. To avoid adverse effects to manatees, Standard Manatee Conditions will be in place during construction.

The proposed fender system was also designed in a manner to prevent effects to manatees during operation of the terminal while still allowing full berth utilization. The size of the steel frontal panel is based on the vessel hull pressure limitations so that the fenders do not cause damage to the vessels. The top of the steel frontal panel for the fender is limited in elevation so that it is not an obstruction to mooring lines and the Ro/Ro vessel ramps, so the panels will have to extend slightly below the high tide line, but the fenders will utilize a 3-foot standoff between the ship and concrete fender mount. A copy of the U.S. Fish and Wildlife Service Information, Planning, and Conservation System printout for the project is attached.

Essential Fish Habitat:

Projects proposing impacts to tidal waters must be evaluated with respect to Essential Fish Habitat (EFH) as required by the Magnuson-Stevens Fishery Conservation and Management Act. The proposed project, being located in tidal waters, has the potential to impact the estuarine and marine water column, which is identified as EFH by the South Atlantic Fishery Management Council. The project involves removing

existing fenders and replacing within the same footprint and would not adversely impact EFH. No dredging or filling or other permanent structure is required within EFH.

Impaired Waters:

The subject waterway is listed on the U.S. Environmental Protection Agency 303(d) list for impaired water bodies, but the project only consists of repair of the existing fender system. The project consists of removing the existing fender system and replacing it with a new fender system attached to the face of the existing wharf. It is not anticipated that the project would affect water quality. All proposed activities will be performed from the existing wharf or by water borne boat/barge in a manner to minimize turbidity in the waterway. There will be no oils or other pollutants released from the proposed activities, and the proposed project should have no adverse effect on water quality.

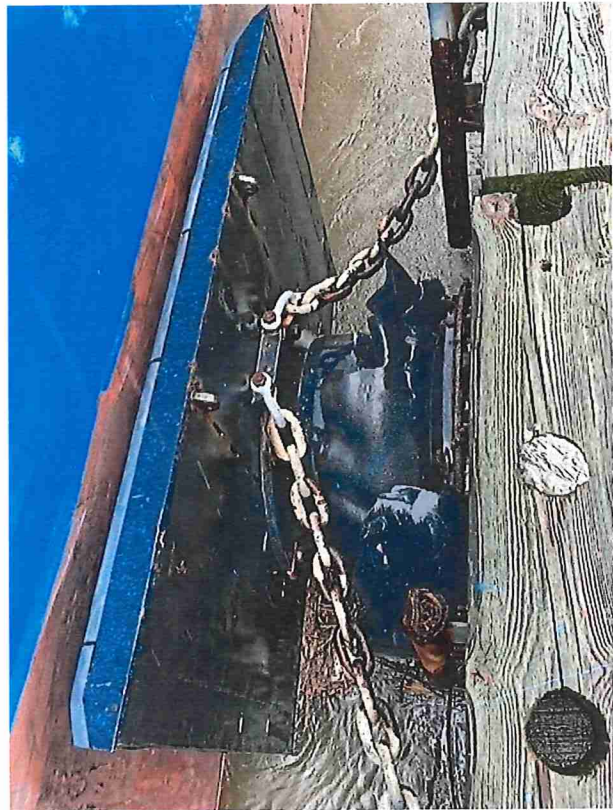
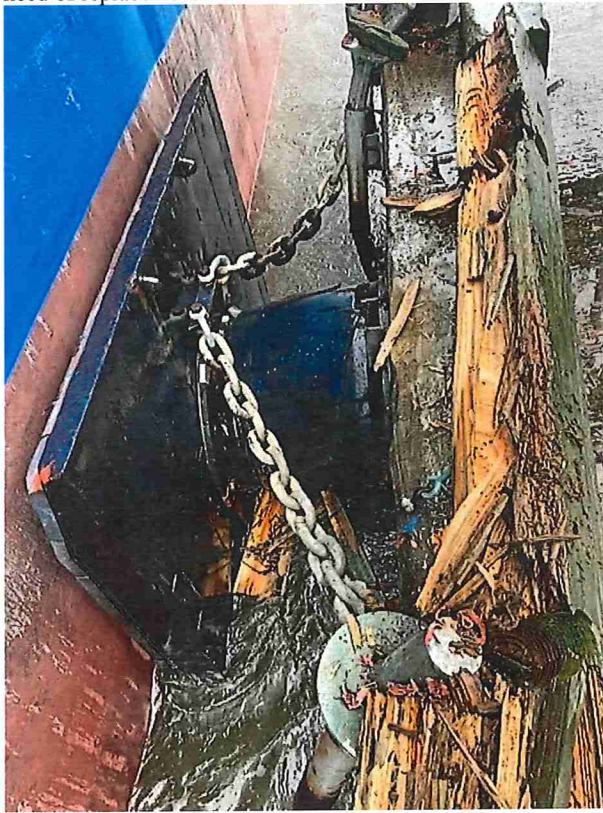
Cultural Resources:

SECI conducted a cursory review of public data available through the National Register of Historic Places and the Georgia Natural, Archeological, and Historical Resources GIS (GNAHRGIS) Database. The review revealed that no eligible resources or any sites listed on the GNAHRGIS Database were located in or adjacent to or in the viewshed of the proposed project. The project consists of maintenance and repair of an existing serviceable structure over open water. Based on the lack of known sites within the vicinity of the project area along with the nature of the project, it was determined that the project would have no potential to cause effects to any sites eligible for listing in the National Register of Historic Places.

Conclusion:

SECI, on behalf of GPA, respectfully requests authorization under Nationwide Permit 3 for maintenance and repair of the existing fender system at Berth 3 as described above. The project is required to not only maintain the existing structure and to ensure its long-term use for vessel loading and unloading operations, but also to replace two fenders that were severely damaged recently and are in danger of complete failure. No mitigation is required for this project, and the project will have no effect on navigation, protected species, or EFH. All proposed activities will be performed from the wharf or from water borne boat/barge in a manner to minimize turbidity in the waterway. There will be no oils or other pollutants released from the proposed activities, and the proposed project should have no adverse effect on water quality. All work performed during construction will be done in a manner to prevent interference with legitimate water uses.

Photograph 1: Fender that was severely damaged during departure of vessel during high winds. Fender in urgent need of replacement



Photograph 2: Fender that was severely damaged during departure of vessel during high winds. Fender in urgent need of replacement

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Glynn County, Georgia



Local office

Georgia Ecological Services Field Office

☎ (706) 613-9493

 (706) 613-6059

355 East Hancock Avenue
Room 320
Athens, GA 30601-2523

NOT FOR CONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an

office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Mammals

NAME	STATUS
West Indian Manatee <i>Trichechus manatus</i> Wherever found There is final critical habitat for this species. The location of the critical habitat is not available. https://ecos.fws.gov/ecp/species/4469	Threatened Marine mammal

Birds

NAME	STATUS
Eastern Black Rail <i>Laterallus jamaicensis ssp. jamaicensis</i> Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/10477	Threatened
Wood Stork <i>Mycteria americana</i> No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/8477	Threatened

Reptiles

NAME	STATUS
Eastern Indigo Snake <i>Drymarchon couperi</i> Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/646	Threatened
Gopher Tortoise <i>Gopherus polyphemus</i> No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/6994	Candidate
Green Sea Turtle <i>Chelonia mydas</i> There is final critical habitat for this species. The location of the critical habitat is not available. https://ecos.fws.gov/ecp/species/6199	Threatened

Hawksbill Sea Turtle *Eretmochelys imbricata*

Endangered

Wherever found

There is **final** critical habitat for this species. The location of the critical habitat is not available.

<https://ecos.fws.gov/ecp/species/3656>

Kemp's Ridley Sea Turtle *Lepidochelys kempii*

Endangered

Wherever found

There is **proposed** critical habitat for this species. The location of the critical habitat is not available.

<https://ecos.fws.gov/ecp/species/5523>

Leatherback Sea Turtle *Dermochelys coriacea*

Endangered

Wherever found

There is **final** critical habitat for this species. The location of the critical habitat is not available.

<https://ecos.fws.gov/ecp/species/1493>

Loggerhead Sea Turtle *Caretta caretta*

Threatened

There is **final** critical habitat for this species. The location of the critical habitat is not available.

<https://ecos.fws.gov/ecp/species/1110>

Insects

NAME

STATUS

Monarch Butterfly *Danaus plexippus*

Candidate

Wherever found

No critical habitat has been designated for this species.

<https://ecos.fws.gov/ecp/species/9743>

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds