



**US Army Corps
of Engineers**
Philadelphia District

Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390
ATTN: CENAP-OP-R

Public Notice

Public Notice No. CENAP-OP-R-2012-01332-46	Date 12 August 2020
Application No.	File No.

In Reply Refer to:
REGULATORY BRANCH

This District has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

The purpose of this notice is to solicit comments and recommendations from the public concerning issuance of a Department of the Army permit for the work described below.

APPLICANT: City of Sea Isle City

AGENT: Maser Consulting

WATERWAYS: Ludlam Thorofare, Rio Grande, Rio Del Barche, Rio Affare, Rio Della Luna, and Rio Del Isole.

LOCATION: Private properties adjacent to 38th Street and Venician Road as well as various lagoon locations between 49th Street and John F. Kennedy Boulevard, City of Sea Isle City, Cape May County, New Jersey.

ACTIVITY: To perform mechanical and hydraulic dredging within Ludlam Thorofare along private properties adjacent to 38th Street and Venician Road as well as main lagoon city channel and private property areas (within Rio Grande, Rio Del Barche, Rio Affare, Rio Della Luna, and Rio Del Isole) as follows:

- A) 38th Street (to street end): new dredging would be performed by hydraulic method involving the removal of 19,000 cubic yards of sediment within an area of 0.665 acre of Ludlam Thorofare. Sediment would be removed to a depth of -6.86 feet NAVD '88 (design depth; 4 feet deep at mean low water) with no allowance for over-dredging.
- B) Venician Road (including Yacht Club of Sea Isle City): maintenance dredging would be performed by hydraulic method involving the removal of 9,000 cubic yards of sediment within an area of 0.743 acre along Ludlam Thorofare. Sediment would be removed to a depth of -6.86 feet NAVD '88 within the slip areas (design depth; 4 feet deep at mean low water) with no allowance for over-dredge and -8.86 feet NAVD '88 outside of the slip area (design depth; 6 feet deep at mean low water) with no allowance for over-dredging.
- C) Main Lagoons (City Channel): maintenance dredging would be performed by hydraulic method involving the removal of 30,000 cubic yards of sediment within an area of 3.94 acres along Ludlam Thorofare. Sediment from commercial channels (Rios Del Affare and Del Barche) would be removed to a depth of -10.86 feet NAVD '88 (design depth; 8' deep at mean low water) with an allowance for 1 foot further of over-dredging. Sediment

from residential channel areas would be removed to a depth of -8.86 feet NAVD '88 (design depth; 6' deep at mean low water) with an allowance for 1 foot further of over-dredging.

- D) Main Lagoons (Residential Properties): maintenance dredging would be performed by hydraulic and mechanical methods involving the removal of 6,000 cubic yards of sediment with an area of 0.459 acre along Ludlam Thorofare. Sediment would be removed to a depth of -6.86 feet NAVD '88 (design depth; 4 feet deep at mean low water) with no allowance for over-dredging. Private residential mooring areas would be dredged mechanically with sediment disposed within the adjacent city channel prior to channel hydraulic dredging.

The applicant proposes a total of 64,000 cubic yards of sediment removal during the initial dredging phase as described above but wishes a 10-year maintenance allowance for future dredging of all areas described herein. Historically, the applicant has noted that various portions of the city lagoon system have been dredged in 1981/1982, 1989, 1999, and completely in 2012. Sediment has been characterized as 30% sand and 70% silts.

The applicant proposes to dispose of all materials at the existing city confined disposal facility (CDF) located at the confluence of Rio Grande and Ludlam Thorofare. Although the earthen berms of the CDF will be maintained as needed (to elevation 13.44 feet NAVD '88), no expansion of the facility is proposed. The existing weir box and outlet pipe, (which discharges return water to Rio Grande Lagoon), would be re-constructed as necessary. The applicant has stated that the CDF has a capacity of 92,400 cubic yards.

PURPOSE: The applicant's stated purpose is to alleviate sedimentation problems and providing safe navigable waters during all stages of the tide and would provide safe ingress/egress of recreational vessels.

A preliminary review of this application indicates that species listed under the Endangered Species Act or their critical habitat pursuant to Section 7 of the ESA as amended, may be present in the action area. This office will forward this public notice to the US Fish and Wildlife Service or National Marine Fisheries Service with a request for technical assistance on whether any ESA listed species or their critical habitat may be present in the area which would be affected by the proposed activity. This office will evaluate the potential effects of the proposed actions on ESA listed species or their critical habitat and will consult with the US Fish and Wildlife Service or National Marine Fisheries Service as appropriate. ESA Section 7 consultation will be concluded prior to the final decision on this permit application.

The decision whether to issue a permit will be based on an evaluation of the activity's probable impact including its cumulative impacts on the public interest. The decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production,

mineral needs and welfare of the people. A Department of the Army permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Comments on the proposed work should be submitted, in writing, within 30 days to the District Engineer, U.S. Army Corps of Engineers, Philadelphia District, Wanamaker Building, 100 Penn Square East, Philadelphia, Pennsylvania 19107-3390.

The USACE Cultural Resource Specialist has determined that the proposed maintenance dredging with placement within an existing CDF will not affect historic properties eligible for or listed on the National Register of Historic Places. A determination of effects will be coordinated with the State Historic Preservation Office, the Tribes and other consulting parties.

The Magnuson-Stevens Fishery Conservation and Management Act requires all federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely affect Essential Fish Habitat (EFH). A preliminary review of this application indicates that EFH is present within the project area. This office will evaluate the potential effects of the proposed actions on EFH and will consult with the National Marine Fisheries Service as appropriate. Consultation will be concluded prior to the final decision on this permit application.

Compensatory Mitigation: No losses to aquatic resources are noted. Furthermore, the mixing zone of the return water has been minimized to the greatest extent practicable. As such, no compensatory mitigation is warranted.

In accordance with Section 307(c) of the Coastal Zone Management Act of 1972, applicants for Federal Licenses or Permits to conduct an activity affecting land or water uses in a State's coastal zone must provide certification that the activity complies with the State's Coastal Zone Management Program. The applicant has stated that the proposed activity complies with and will be conducted in a manner that is consistent with the approved State Coastal Zone Management (CZM) Program. It should be noted that the state has concurred with the applicant's statement in Waterfront Development 0509-10-0003.3 LUP 190001 issued on April 20, 2020. Comments concerning the impact of the proposed and/or existing activity on the State's coastal zone should be sent to this office, with a copy to the State's Office of Coastal Zone Management.

In accordance with Section 401 of the Clean Water Act, a Water Quality Certificate (WQC) is necessary from the State government in which the work is located. It should be noted

that the state has issued a WQC in Waterfront Development 0509-10-0003.3 LUP 190001 issued on April 20, 2020. Any comments concerning the work described above which relate to Water Quality considerations should be sent to this office with a copy to the State.

The evaluation of the impact of the work described above on the public interest will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act.

Any person may request, in writing, to the District Engineer, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state in writing, with particularity, the reasons for holding a public hearing.

Additional information concerning this permit application may be obtained by calling Mr. David J. Caplan at 215-656-6731 or 215-605-7029, or by via email at David.J.Caplan@usace.army.mil, or writing this office at the above address.

Todd A. Schaible
Chief, Regulatory Branch

LEGEND



PROPOSED DREDGING LIMITS

OFF = STORM OUTFALL PIPE

NOTE:

THESE PLANS ARE FOR REVIEW AND APPROVAL PURPOSES ONLY AND NOT FOR CONSTRUCTION

The estimated amount of spoils from each area is as follows:

- City main Lagoon Area 30,000 C.Y.
- Residential Properties 6,000 C.Y.
- Within Main Lagoon Area
- Venician Road Area 9,000 C.Y.
- Including Yacht Club
- 38th Street Area 11,000 C.Y.
- 38th Street Street-End 8,000 C.Y.

TOTAL 64,000 C.Y.

NOTES:

1. DREDGING TO BE BY HYDRAULIC & MECHANICAL (AT SLIP AREAS) METHOD, MATERIAL TO BE DEPOSITED AT THE EXISTING SPOILS AREA AS NOTED ON SHEET 2.

2. RIO DEL AFFARE AND RIO DEL BARCHI ARE THE COMMERCIAL LAGOONS. THE PROPOSED DREDGING WILL BE TO DEPTH OF 8' AT LOW TIDE AS PREVIOUSLY APPROVED. ELEV. -10.86 NAVD '88, WITH AN ALLOWABLE 1' OVERDREDGE.

3. THE REMAINING LAGOONS ARE THE RESIDENTIAL LAGOONS AND THE PROPOSED DREDGING WILL BE TO A DEPTH OF 6' AT LOW TIDE AS PREVIOUSLY AUTHORIZED, ELEV. -8.86 NAVD '88 WITH AN ALLOWABLE 1' OVERDREDGE.

4. THE 38TH ST. & LUDLAM'S AND VENICEAN ROAD PROPOSED DREDGING WILL BE TO A DEPTH OF 4' AT LOW TIDE ELEV. -6.86 NAVD '88 WITH NO PROPOSED OVERDREDGE.

5. ALL PROPERTY ADJACENT TO THE SPOIL SITE IS OWNED BY THE CITY OF SEA ISLE CITY.

6. MATERIAL TO BE DREDGED IS A SILTY, SAND MATERIAL.

7. THE MAINTENANCE DREDGING OF THE LAGOONS AND SPOIL DISPOSAL SITE USE HAVE BEEN PREVIOUSLY AUTHORIZED TYPICALLY EVERY 10 YEARS. THE NJDEP LAST AUTHORIZED MAINTENANCE DREDGING OF THESE LAGOONS AND THE USE OF THE SPOILS SITE ON JUNE 7, 1999, FILE NO. 0509-99-0003.1 & CENAP-OP-R-NJ-SPGP-17.

8. THE MEAN HIGH WATER AND THE HIGH TIDE LINE ARE AT THE EXISTING BULKHEADS WITHIN ALL OF THE LAGOONS.

9. DATUM: VERTICAL NAVD '88, HORIZONTAL NAD '83.

APPLICANT:
CITY OF SEA ISLE CITY

EL. 1.84 SPRING TIDE LINE
EL. 0.84 MEAN HIGH WATER LINE
S.L. EL. 0.00 NAVD '88
EL. 0.00
EL. -2.86 MEAN LOW WATER LINE
LOCAL RANGE OF TIDES
DATUM: NAVD '88
ADD 1.26' TO CONVERT TO NGVD '29
ADD 2.86' TO CONVERT TO M.L.W.

 Consulting, Municipal & Environmental Engineers Planners ■ Surveyors ■ Landscape Architects State of N.J. Certificate of Authorization: 24GA27986500		EGG HARBOR OFFICE 500 SCARBOROUGH RD. SUITE 108 Egg Harbor Twp., N.J. 08234 Phone (800) 910-4088 Fax (800) 390-0040 email: solutions @ maserconsulting.com	
		JOB NUMBER: SIC170 DATE: NOV. 2010 SCALE: AS SHOWN LATEST REVISION: DESIGN BY: AAP	
NOTES A.C.O.E. PERMIT PLAN PROPOSED MAINTENANCE DREDGING FOR CITY OF SEA ISLE CITY VARIOUS LOCATIONS CITY OF SEA ISLE CITY, CAPE MAY COUNTY, NJ		SHEET NUMBER: 2 of 10	



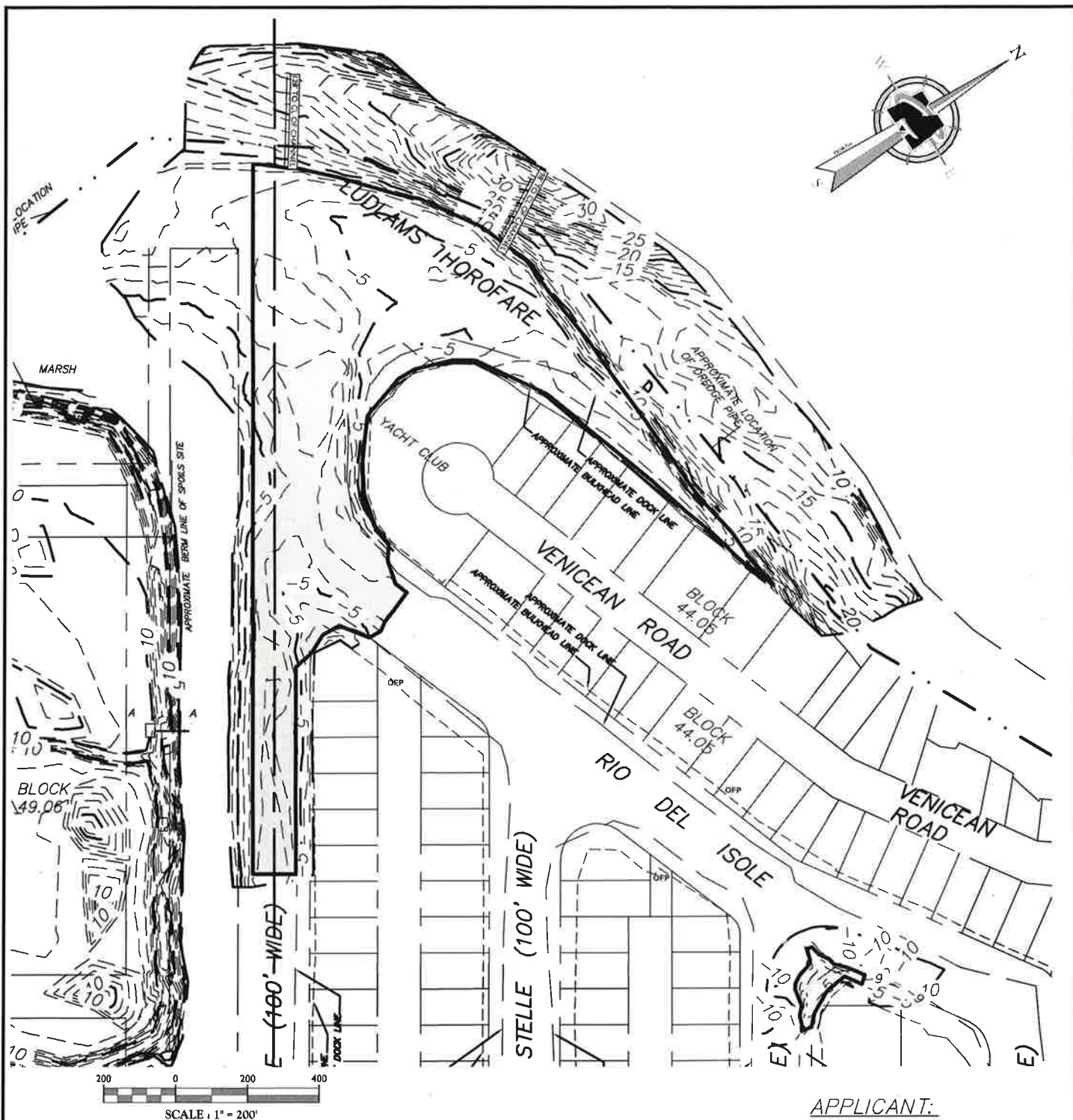
APPLICANT: CITY OF SEA ISLE CITY



Consulting, Municipal & Environmental Engineers
 Planners ■ Surveyors ■ Landscape Architects
 State of N.J. Certificate of Authorization: 24GA27986500

EGG HARBOR OFFICE
 500 SCARBOROUGH RD. SUITE 108
 Egg Harbor Twp., N.J. 08234
 Phone (609) 910-4068
 Fax (609) 390-0040
 email: solutions @ maserconsulting.com

1. DATE: 7.29.20 2. DRAWN: Andrew A. Previti 3. CHECKED: [Signature] 4. APPROVED: [Signature] 5. TITLE: PROFESSIONAL ENGINEER 6. NEW JERSEY LIC. NO. 24GE0368300	SPOILS DISPOSAL SITE A.C.O.E. PERMIT PLAN PROPOSED MAINTENANCE DREDGING FOR CITY OF SEA ISLE CITY VARIOUS LOCATIONS CITY OF SEA ISLE CITY, CAPE MAY COUNTY, NJ		JOB NUMBER: SIC170	DATE: NOV. 2018
	SCALE: AS SHOWN		LATEST REVISION:	
	INDEX NUMBER:		DESIGN BY: AMP	
	SHEET NUMBER: 3 of 10			

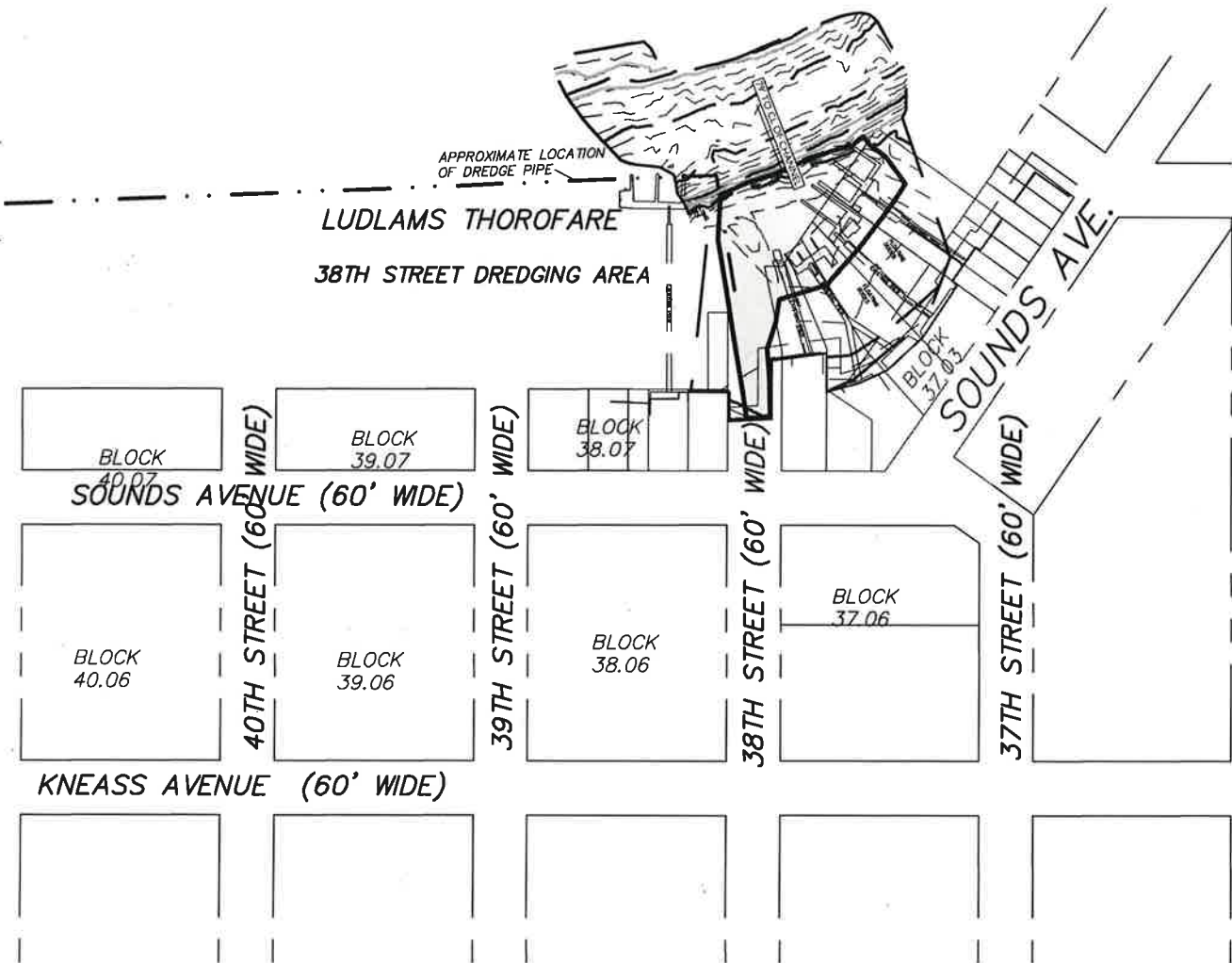
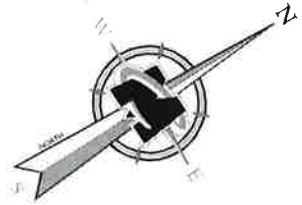


APPLICANT:
CITY OF SEA ISLE CITY

EL. 1.84	SPRING TIDE LINE
EL. 0.84	MEAN HIGH WATER LINE
EL. 0.00	S.L. EL. 0.00 NAVD '88
EL. -2.86	MEAN LOW WATER LINE

LOCAL RANGE OF TIDES
DATUM: NAVD '88
ADD 1.26' TO CONVERT TO NGVD '29
ADD 2.86' TO CONVERT TO M.L.W.

 Consulting, Municipal & Environmental Engineers Planners ■ Surveyors ■ Landscape Architects State of N.J. Certificate of Authorization: 24GA27986500		EGG HARBOR OFFICE 500 SCARBOROUGH RD. SUITE 108 Egg Harbor Twp., N.J. 08234 Phone (609) 910-4088 Fax (609) 390-0040 email: solutions@maserconsulting.com	
		DREDGING AREA PLAN A.C.O.E. PERMIT PLAN PROPOSED MAINTENANCE DREDGING FOR CITY OF SEA ISLE CITY VARIOUS LOCATIONS CITY OF SEA ISLE CITY, CAPE MAY COUNTY, NJ	
1 2/28/2008 ADDED CHANNEL LOCATION, DREDGE PIPE & SECTIONS REV. DATE DESCRIPTION ANDREW A. PREVITI PROFESSIONAL ENGINEER NEW JERSEY LIC. NO. 24GE03668300		JOB NUMBER: SIC170	DATE: NOV. 2010
		SCALE: AS SHOWN	LATEST REVISION:
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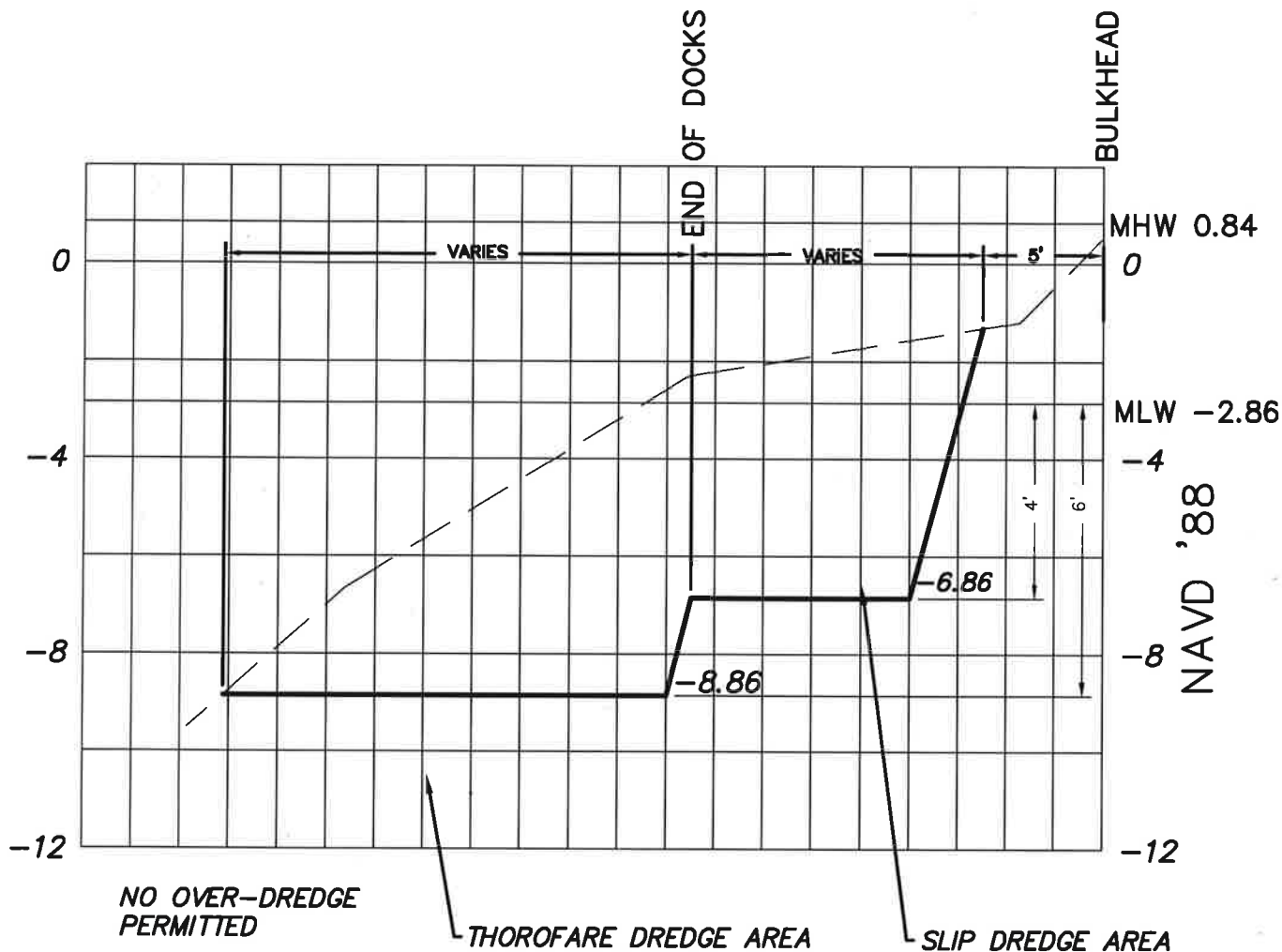


APPLICANT:
CITY OF SEA ISLE CITY

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EL. 0.84	MEAN HIGH WATER LINE
EL. 0.00	S.L. EL. 0.00 NAVD '88
EL. -2.86	MEAN LOW WATER LINE

LOCAL RANGE OF TIDES
DATUM: NAVD '88
ADD 1.25' TO CONVERT TO NGVD '29
ADD 2.86' TO CONVERT TO M.L.W.

 Consulting, Municipal & Environmental Engineers Planners ■ Surveyors ■ Landscape Architects State of N.J. Certificate of Authorization: 24GA27986500		EGG HARBOR OFFICE 500 SCARBOROUGH RD. SUITE 108 Egg Harbor Twp., N.J. 08234 Phone (609) 910-4088 Fax (609) 390-0040 email: solutions @ maserconsulting.com															
		DREDGING AREA PLAN A.C.O.E. PERMIT PLAN PROPOSED MAINTENANCE DREDGING FOR CITY OF SEA ISLE CITY VARIOUS LOCATIONS CITY OF SEA ISLE CITY, CAPE MAY COUNTY, NJ	<table border="1"> <tr> <td>JOB NUMBER:</td> <td>DATE:</td> </tr> <tr> <td>SIC170</td> <td>NOV. 2010</td> </tr> <tr> <td>SCALE:</td> <td>LATEST REVISION:</td> </tr> <tr> <td>AS SHOWN</td> <td></td> </tr> <tr> <td>DRAW NUMBER:</td> <td>DESIGN BY:</td> </tr> <tr> <td></td> <td>AMP</td> </tr> <tr> <td colspan="2">SHEET NUMBER:</td> </tr> <tr> <td colspan="2">6 of 10</td> </tr> </table>	JOB NUMBER:	DATE:	SIC170	NOV. 2010	SCALE:	LATEST REVISION:	AS SHOWN		DRAW NUMBER:	DESIGN BY:		AMP	SHEET NUMBER:	
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1/28/2010 1/29/2010 2/29/2010 ANDREW A. PREVITI PROFESSIONAL ENGINEER NEW JERSEY LIC. NO. 240603660300																	



**TYPICAL DREDGE SECTION
AT LUDLAMs, ALONG VENICEAN**
SCALE: N.T.S.

APPLICANT:
CITY OF SEA ISLE CITY

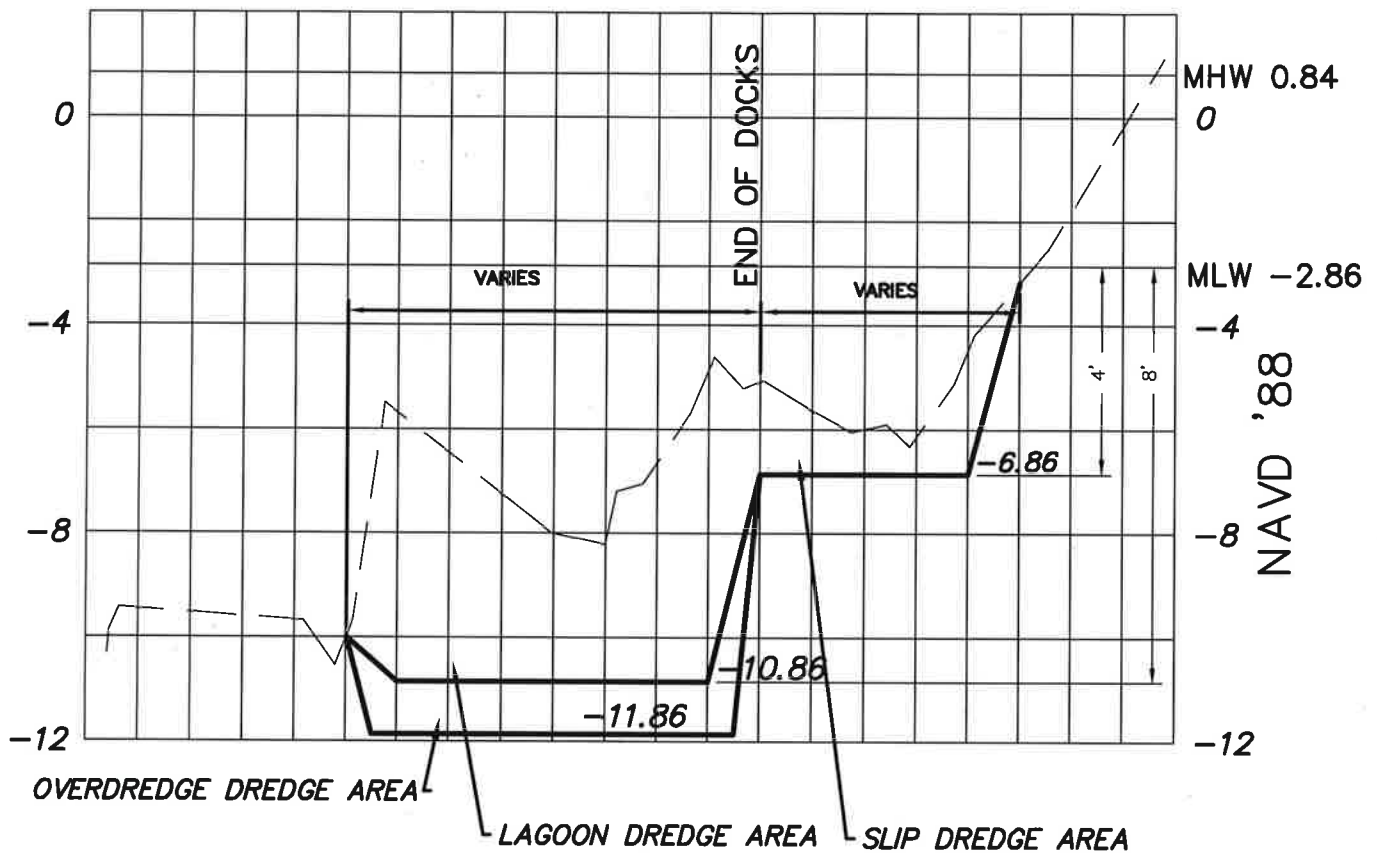
EL. 1.84 SPRING TIDE LINE
EL. 0.84 MEAN HIGH WATER LINE
EL. 0.00 S.L. EL. 0.00 NAVD '88
EL. -2.86 MEAN LOW WATER LINE

LOCAL RANGE OF TIDES
DATUM: NAVD '88
ADD 1.26' TO CONVERT TO NGVD '29
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TYPICAL SECTIONS A.C.O.E. PERMIT PLAN PROPOSED MAINTENANCE DREDGING FOR CITY OF SEA ISLE CITY VARIOUS LOCATIONS CITY OF SEA ISLE CITY, CAPE MAY COUNTY, NJ		SCALE: AS SHOWN	LATEST REVISION: APP
		SHEET NUMBER: 7 of 10	

1 17/01/2010 ADDED CHANNEL LOCATION, DREDGE PIPE & SECTIONS
REV. 1 DATE DESCRIPTION

Andrew A. Previt
ANDREW A. PREVIT
 PROFESSIONAL ENGINEER
 NEW JERSEY LIC. NO. 24GE03908300



TYPICAL DREDGE SECTION IN MARINA LAGOON

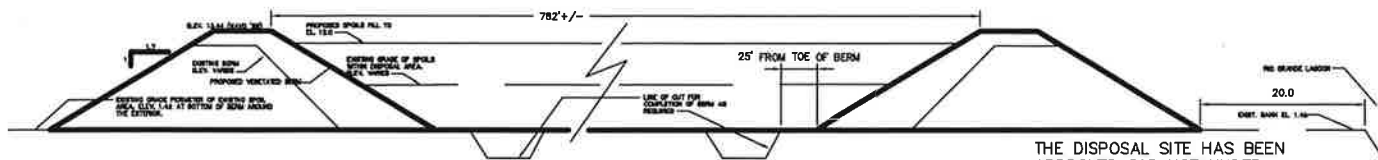
SCALE: N.T.S.

APPLICANT:
CITY OF SEA ISLE CITY

EL. 1.84	SPRING TIDE LINE
EL. 0.84	MEAN HIGH WATER LINE
EL. 0.00	S.L. EL. 0.00 NAVD '88
EL. -2.86	MEAN LOW WATER LINE

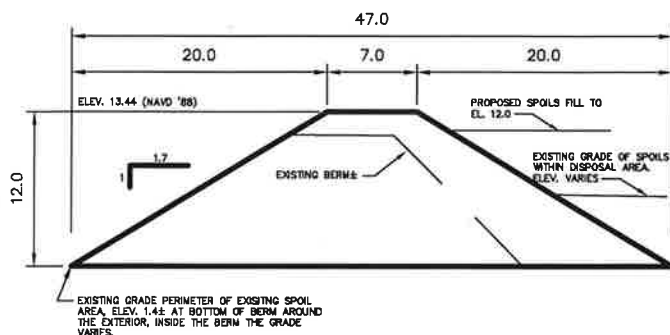
LOCAL RANGE OF TIDES
DATUM: NAVD '88
ADD 1.26' TO CONVERT TO NGVD '29
ADD 2.86' TO CONVERT TO M.L.W.

 Consulting, Municipal & Environmental Engineers Planners ■ Surveyors ■ Landscape Architects State of N.J. Certificate of Authorization: 24GA27986500		EGG HARBOR OFFICE 500 SCARBOROUGH RD. SUITE 108 Egg Harbor Twp., N.J. 08234 Phone (609) 910-4068 Fax (609) 390-0040 email: solutions @ maserconsulting.com	
		TYPICAL SECTIONS A.C.O.E. PERMIT PLAN PROPOSED MAINTENANCE DREDGING FOR CITY OF SEA ISLE CITY VARIOUS LOCATIONS CITY OF SEA ISLE CITY, CAPE MAY COUNTY, NJ	JOB NUMBER: SIC170 SCALE: AS SHOWN SHEET NUMBER: 8 of 10
REV. DATE DESCRIPTION 1 7/28/20 2.22.20 ANDREW A. PREVITI PROFESSIONAL ENGINEER NEW JERSEY LIC. NO. 240E0366300	DATE: NOV. 2019 LATEST REVISION: ANP		



TYPICAL SECTION THROUGH SPOIL DISPOSAL AREA
SCALE: N.T.S.

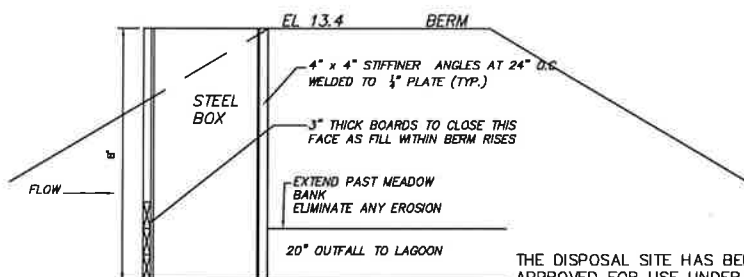
THE DISPOSAL SITE HAS BEEN APPROVED FOR USE UNDER THE CURRENT PERMIT NO. 0509-11-0014.1



TYPICAL SECTION THROUGH BERM
SCALE: N.T.S.

THE ESTIMATED CAPACITY OF THE EXISTING SPOIL SITE IS 92,400 CUBIC YARDS. PROPOSED FILL LEVEL IS ELEVATION 12.0 NAVD '88.

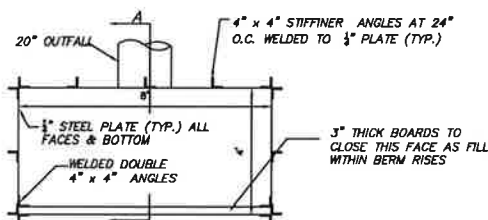
THE EXISTING BERMS ARE TO BE RECONSTRUCTED WITH THE MATERIAL FROM THE CENTER BERM THAT IS TO BE REMOVED. THE REMAINING MATERIAL WILL BE SCRAPPED FROM THE SURFACE WITHIN THE SPOIL SITE. THE BERMS ARE TO BE 47' WIDE AT THE BASE AND 7' WIDE AT THE TOP. THE TOP OF BERM WILL BE CONSTRUCTED TO ELEV. 13.44 NAVD '88.



SECTION A-A

THE DISPOSAL SITE HAS BEEN APPROVED FOR USE UNDER THE CURRENT PERMIT NO. 0509-11-0014.1

THE PROPOSED BERM RECONSTRUCTION WILL NOT RESULT IN ANY CHANGE OF LOCATION.

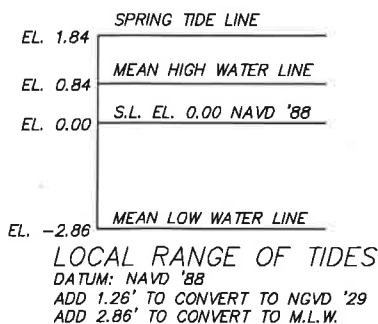


RECOMMENDED OVERFLOW WEIR BOX

SCALE N.T.S.

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<p>SPOILS DISPOSAL SITE DETAILS A.C.O.E. PERMIT PLAN PROPOSED MAINTENANCE DREDGING FOR CITY OF SEA ISLE CITY VARIOUS LOCATIONS CITY OF SEA ISLE CITY, CAPE MAY COUNTY, NJ</p>		<p>JOB NUMBER: SIC170</p> <p>SCALE: AS SHOWN</p> <p>INDEX NUMBER: DERIV BY AAP</p>	<p>DATE: NOV. 2018</p> <p>LATEST REVISION:</p> <p>SHEET NUMBER: 10 of 10</p>
<p>ANDREW A. PREVITI PROFESSIONAL ENGINEER NEW JERSEY LIC. NO. 24GE03669300</p>			