



**Maryland**  
Department of  
the Environment

Wes Moore, Governor  
Aruna Miller, Lt. Governor

Serena McIlwain, Secretary  
Suzanne E. Dorsey, Deputy Secretary

December 11, 2023

Kentmorr Marina Properties LLC  
c/o Peter McArdle  
910 Kentmorr Road  
Stevensville, MD 21666

Re: Agency Interest Number: 1567  
Tracking Number: 202262129  
Tidal Authorization Number: 23-WQC-0029

Dear Kentmorr Marina Properties LLC:

Your project did not qualify for approval under the Maryland State Programmatic General Permit (MDSPGP); therefore a separate review and issuance of the federal permit will be required by the U.S. Army Corps of Engineers. The federal permit is not attached.

Additionally, your project required a Wetlands License to be approved and issued by the Maryland Board of Public Works (BPW). The Wetlands License will be sent to you by BPW's Wetlands Administrator.

A project that does not qualify for approval under the MDSPGP requires an individual Water Quality Certification (WQC) to be issued by the Maryland Department of the Environment, which is attached. Please take a moment to read and review your WQC to ensure that you understand the limits of the authorized work and all of the general and special conditions.

You should not begin any work until you have obtained all necessary State, local, and federal authorizations. Please contact Robert M. Simmons at [robertm.simmons@maryland.gov](mailto:robertm.simmons@maryland.gov) or 410-901-4044 with any questions.

Sincerely,

*Tammy Roberson*

Tammy K. Roberson,  
Chief  
Tidal Wetlands Division



STATE OF MARYLAND  
DEPARTMENT OF THE ENVIRONMENT  
WATER AND SCIENCE ADMINISTRATION  
WATER QUALITY CERTIFICATION



23-WQC-0029

EFFECTIVE DATE: **December 11, 2023**  
CERTIFICATION HOLDER: **Kentmorr Marina Properties LLC**  
ADDRESS: **910 Kentmorr Road**  
**Stevensville, MD 21666**  
PROJECT LOCATION: **910 Kentmorr Road**  
**Stevensville, MD 21666**

**UNDER AUTHORITY OF SECTION 401 OF THE FEDERAL WATER POLLUTION CONTROL ACT AND ITS AMENDMENTS AND IN ACCORDANCE WITH § 9-313 THROUGH § 9-323, INCLUSIVE, OF THE ENVIRONMENT ARTICLE, ANNOTATED CODE OF MARYLAND, THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER AND SCIENCE ADMINISTRATION HAS DETERMINED THAT THE REGULATED ACTIVITIES DESCRIBED IN THE REQUEST FOR CERTIFICATION FOR THE PROPOSED KENTMORR MARINA DREDGING AND BEACH NOURISHMENT AND AS DESCRIBED IN THE ATTACHED PLAN SHEETS DATED NOVEMBER 2023 AND ANY SUBSEQUENT MODIFICATIONS APPROVED BY THE DEPARTMENT WILL NOT VIOLATE MARYLAND'S WATER QUALITY STANDARDS, IF CONDUCTED IN ACCORDANCE WITH THE CONDITIONS OF THIS CERTIFICATION.**

THIS CERTIFICATION DOES NOT RELIEVE THE APPLICANT OF RESPONSIBILITY FOR OBTAINING ANY OTHER APPROVALS, LICENSES, OR PERMITS IN ACCORDANCE WITH FEDERAL, STATE, OR LOCAL REQUIREMENTS AND DOES NOT AUTHORIZE COMMENCEMENT OF THE PROPOSED PROJECT. A COPY OF THIS REQUIRED CERTIFICATION HAS BEEN SENT TO THE CORPS OF ENGINEERS. THE CERTIFICATION HOLDER SHALL COMPLY WITH THE CONDITIONS LISTED BELOW.

*The Maryland Department of Environment satisfied the statutory and regulatory public notice requirements by placing the WQC on Public Notice from August 1, 2023 to August 31, 2023 on Maryland Department of the Environment's Public Notice webpage and advertising in the Record Observer on August 11, 2023 and the Maryland Register on August 11, 2023. A Public Information Hearing was held on September 28, 2023 at the Queen Anne's County Public Library, Centreville Branch.*

## **PROJECT DESCRIPTION**

1. Maintenance dredge by hydraulic and/or mechanical method a 55,349 square foot area to a maximum depth of 6.0 feet at mean low water; new dredge by hydraulic and/or mechanical method a 95,900 square foot area to a maximum depth of 6.0 feet at mean low water; and transport approximately 4,982 cubic yards of dredged material to an approved site at 5360 Browns Way Road, Churchton, in Anne Arundel County;

2. Provide for subsequent maintenance dredging for a period of 6 years;
3. Place up to approximately 700 cubic yards of resulting dredge spoil to nourish an existing beach within the historic footprint.

## **GENERAL CONDITIONS**

1. All water quality-related performance standards and conditions required by the Department in any state issued authorization for activities in tidal wetlands, nontidal wetlands, their 100-year floodplains, nontidal wetlands buffers, or nontidal wetland expanded buffers to ensure that any discharges will not result in a failure to comply with water quality standards in COMAR 26.08.02 or any other water quality requirements of state law or regulation shall be met.
2. This Certification does not obviate the need to obtain required authorizations or approvals from other State, federal or local agencies as required by law.
3. All additional authorizations or approvals, including self-certifying General Permits issued by the Department, shall be obtained and all conditions shall be completed in compliance with such authorizations.
4. The proposed project shall be constructed in accordance with the approved final plan by the Department, or, if Department approval is not required, the plan approved by the U.S. Army Corps of Engineers, and its approved revisions.
5. All fill and construction materials not used in the project shall be removed and disposed of in a manner which will prevent their entry into waters of this State.
6. This Certification does not authorize any injury to private property, any invasion of rights, or any infringement of federal, state, or local laws or regulations.
7. The Certification Holder shall allow authorized representatives of the Department access to the site of authorized activities during normal business hours to conduct inspections and evaluations of the operations and records necessary to assure compliance with this Certification.
8. No stockpiles of any material shall be placed in Waters of the U.S. or state or private tidal wetlands.
9. Temporary construction trailers or structures, staging areas and stockpiles shall not be located within tidal wetlands, nontidal wetlands, nontidal wetlands buffers, or the 100-year floodplain unless specifically included on the Approved Plan.
10. This Certification is valid for the project identified herein and the associated U.S. Army Corps of Engineers authorization NAB-2022-62129 (Kentmorr Marina LLC) until such time that it expires or is not administratively extended.

## **SPECIAL CONDITIONS**

1. All Critical Area requirements shall be followed and all necessary authorizations from the Critical Area Commission (“Commission”) shall be obtained. This Certificate does not constitute

authorization for disturbance in the 100-foot Critical Area Buffer. "Disturbance" in the Buffer means clearing, grading, construction activities, or removal of any size of tree or vegetation. Any anticipated Buffer disturbance requires prior written approval, before commencement of land disturbing activity, from local jurisdiction in the form of a Buffer Management Plan.

2. All work performed under this Water Quality Certificate shall be conducted by a marine contractor licensed by the Marine Contractors Licensing Board (MCLB) in accordance with Title 17 of the Environment Article of Annotated Code of Maryland. Licensing by MCLB shall occur prior to the beginning of construction activities. A list of licensed marine contractors may be obtained by contacting the MCLB at 410-537- 3249, by e-mail at MDE.MCLB@maryland.gov or by accessing the Maryland Department of the Environment, Environmental Boards webpage.
3. The issuance of this Certificate is not a validation or authorization by the Department for any of the existing structures depicted on the plan sheets on the subject property that is not part of the authorized work description, nor does it relieve the Certificate Holder of the obligation to resolve any existing noncompliant structures and activities within tidal wetlands.
4. The Certificate Holder shall transport all dredged material in watertight trucks. No dredged material shall be discharged onto the roadways of the State.
5. The Certificate Holder shall dispose of dredged material only at the dredge disposal site approved by this Water Quality Certification. The Certificate Holder shall submit an application for modification of the Certificate to MDE for approval of any dredge disposal site not authorized within the Certificate.
6. The Certificate Holder shall conduct subsequent maintenance dredging within the scope of this license in terms of authorized dredge area and authorized depths. The Certificate Holder shall:
  - a. Dredge no more than 500 cubic yards of material at each maintenance dredging.
  - b. Comply with all applicable conditions of this license.
  - c. Submit a detailed dredged material disposal plan to be approved by the Water and Science Administration, Tidal Wetlands Division prior to the start of dredging.
  - d. Notify and receive approval from the Water and Science Administration, Compliance Program a minimum of 10 days prior to the start of each maintenance dredging operation.
  - e. The Certificate Holder shall stake the dredge area and receive approval from the Water and Science Administration's, Compliance Division prior to the start of dredging.
7. The Certificate Holder shall conduct a post dredge bathymetric survey and forward to the Water and Science Administration, Tidal Wetlands Division within 45 days after the termination of any phase of dredging.
8. The Certificate Holder shall conduct maintenance dredging within the scope of this Certification in terms of authorized dredged area, volume of material and authorized depths.
9. The Certificate Holder shall construct the beach nourishment area in accordance with the following conditions:
  - a. The Certificate Holder shall use clean substrate fill material, no more than 10% of which shall pass through a standard number 100 sieve.
  - b. If the fill is graded hydraulically, the licensee shall use a turbidity curtain around the perimeter of the instream work.
  - c. If the existing bank is to be cleared or graded:

- i. The Certificate Holder shall perform all work under and in accordance with an approved Soil Erosion and Sediment Control Plan from the applicable sediment and erosion control agency; and
  - ii. The Certificate Holder shall perform all work under and in accordance with the Critical Area requirements of the local jurisdiction in the form of an approved Buffer Management Plan.
10. If hydraulic dredging is performed, the dredged material placement site (DMP) shall be constructed to limit turbidity in the discharge to waters of the State. A turbidity sample of the discharge water shall be performed every hour of active pumping to the DMP or when there is an observed change in the clarity of the water. Turbidity in the discharge may not exceed 150 units at any time or 50 units as a monthly average. Units shall be measured in Nephelometer Turbidity Units. A logbook of all turbidity monitoring shall be kept on site. The dredger shall have a person at the discharge point of the DMP in constant radio communication. If a problem is incurred, the dredging operation shall be immediately shut down until the reason for the problem can be ascertained and rectified.
11. Dredged material pipelines shall be installed, marked and maintained in accordance with all U.S. Coast Guard requirements for navigational safety. Dredge material pipelines and associated equipment shall be removed as soon as practicable, upon completion of activities authorized under this Certificate.
12. The dredge operator shall have a person at the discharge point of the DMP in constant radio communication. If a problem is incurred, the dredging operation shall be immediately shut down until the reason for the problem can be ascertained and rectified. MDE compliance shall be notified.
13. In the event of any inadvertent releases of dredged material into State tidal wetlands from a pipe breakage, all dredging operations shall immediately cease. The Certificate Holder shall take steps to stop all dredged material from entering State tidal wetlands and shall immediately notify MDE's Compliance Program of the pipe breakage. The Certificate Holder shall not resume dredging operations until receiving approval from MDE's Compliance Program.

## **STATEMENT OF NECESSITY & CITATIONS**

1. Statement of Necessity for General Conditions 1, 2, 3, 4, and Special Conditions 1, 3: These conditions are necessary to ensure that water quality standards are met, and designated uses are maintained.

Citations: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.10G(3); COMAR 26.23.02.06; COMAR 26.17.01; COMAR 26.23; COMAR 26.24

2. Statement of Necessity for General Conditions 5, 8, 9, and Special Condition 9: Fill or construction material within or adjacent to regulated resources may cause discharges resulting in turbidity in excess of water quality standards and interfere with designated uses of growth and propagation of fish, other aquatic life, wildlife; and other designated uses; and fail to meet general water quality criteria that waters not be polluted by substances in amounts sufficient to be unsightly or create a nuisance.

Citation: 26.08.02.03B(1)-B(2); COMAR 26.23; COMAR 26.24; COMAR 26.17.04

3. Statement of Necessity for General Condition 6: This condition is necessary to clarify the scope of this certification to ensure compliance with water quality regulations, without limiting restrictions through other requirements.

Citation: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08, COMAR 26.08.02.10E; COMAR 26.23.02.06; COMAR 26.17.04; COMAR 26.23; COMAR 26.24

4. Statement of Necessity for General Condition 7: Conditions of certification involve precise actions to comply with water quality standards. Site inspection may be necessary to ensure that limits, methods, and other requirements are met to ensure that water quality standards are met and designated uses are maintained. These conditions are necessary to ensure that the activity was conducted, and project completed according to terms of the authorization/certification, while allowing for review of in-field modifications which may have resulted in discharges to ensure that water quality standards were met. Designated uses include support of estuarine and marine aquatic life and shellfish harvesting and for growth and propagation of fish, other aquatic life, and wildlife.

Citation: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.03B(1)(b); COMAR 26.08.02.03B(2); COMAR 26.23.02.06; COMAR 26.23; COMAR 26.24; COMAR 26.17.04

5. Statement of Necessity for General Condition 10: This condition is necessary to qualify the period of applicability of the terms and conditions of this Certification to be protective of Maryland water quality standards.

Citations: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; 40 C.F.R. 121, 15 C.F.R. 930, Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.17.04; COMAR 26.23; COMAR 26.24

6. Statement of Necessity for Special Condition 2: Expertise for conducting certain activities is required to ensure that there is no violation of water quality standards nor interference with designated uses. This condition is necessary to ensure that discharges will be conducted in a manner which does not violate water quality criteria nor interfere with designated uses.

Citation: COMAR 26.08.02.02B(2)- B(4); COMAR 26.08 02.03B(2)(d) – (e); COMAR 26.08.02.03B(1)(b); 26.08.02.03B(2); COMAR 23.02.04.04

7. Statement of Necessity for Special Conditions 4, 5, 6, 10, 12, 13: Unauthorized discharges may enter regulated waters as result of activity or structural failure. A plan to address inadvertent discharges will prevent or address further violations of water quality standards and failure of water to meet designated uses, including uses of growth and propagation of fish, other aquatic life, wildlife; and

other designated uses; and fail to meet general water quality criteria that waters not be polluted by substances in amounts sufficient to be unsightly or create a nuisance.

Citation COMAR 26.08.02.02B(1)d; COMAR 26.08.02.02B(3); COMAR 26.08.02.03B(1) and B(2); 26.08.02.01B(2); 26.08.02.02B(1)

8. Statement of Necessity for Special Condition 7: The condition is necessary to ensure that the dredging results in water depths which are appropriate to support designated uses of fishing and water contact recreation and propagation of fish, other aquatic life and wildlife; and ensure that no discharges are unsightly, create a nuisance, change to an objectionable color or interferes with designated uses.

Citations: COMAR 26.08.02.01B(2); COMAR 26.08.02.02B(1); 26.08.02.02B(3); COMAR 26.08.02.03B

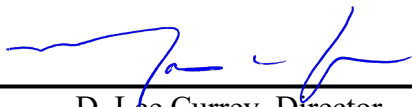
9. Statement of Necessity for Special Condition 8: The condition is necessary to ensure that the dredging results in water depths which are appropriate to support designated uses of fishing and water contact recreation and propagation of fish, other aquatic life and wildlife; and ensure that no discharges are unsightly, create a nuisance, change to an objectionable color or interferes with designated uses.

Citations: COMAR 26.08.02.01B(2); COMAR 26.08.02.02B(1); 26.08.02.02B(3); COMAR 26.08.02.03B

10. Statement of Necessity for Special Condition 11: The condition is necessary to ensure that the discharge does not interfere with designated uses for water contact recreation and fishing nor create a nuisance.

Citation: COMAR 26.08.02.01B(1) and B(2); COMAR 26.08.02.03B(1)(a); COMAR 26.08.02.03B(2)(d)

## CERTIFICATION APPROVED



D. Lee Currey, Director  
Water and Science Administration

12/22/2023

Date

Tracking Number: 202262129

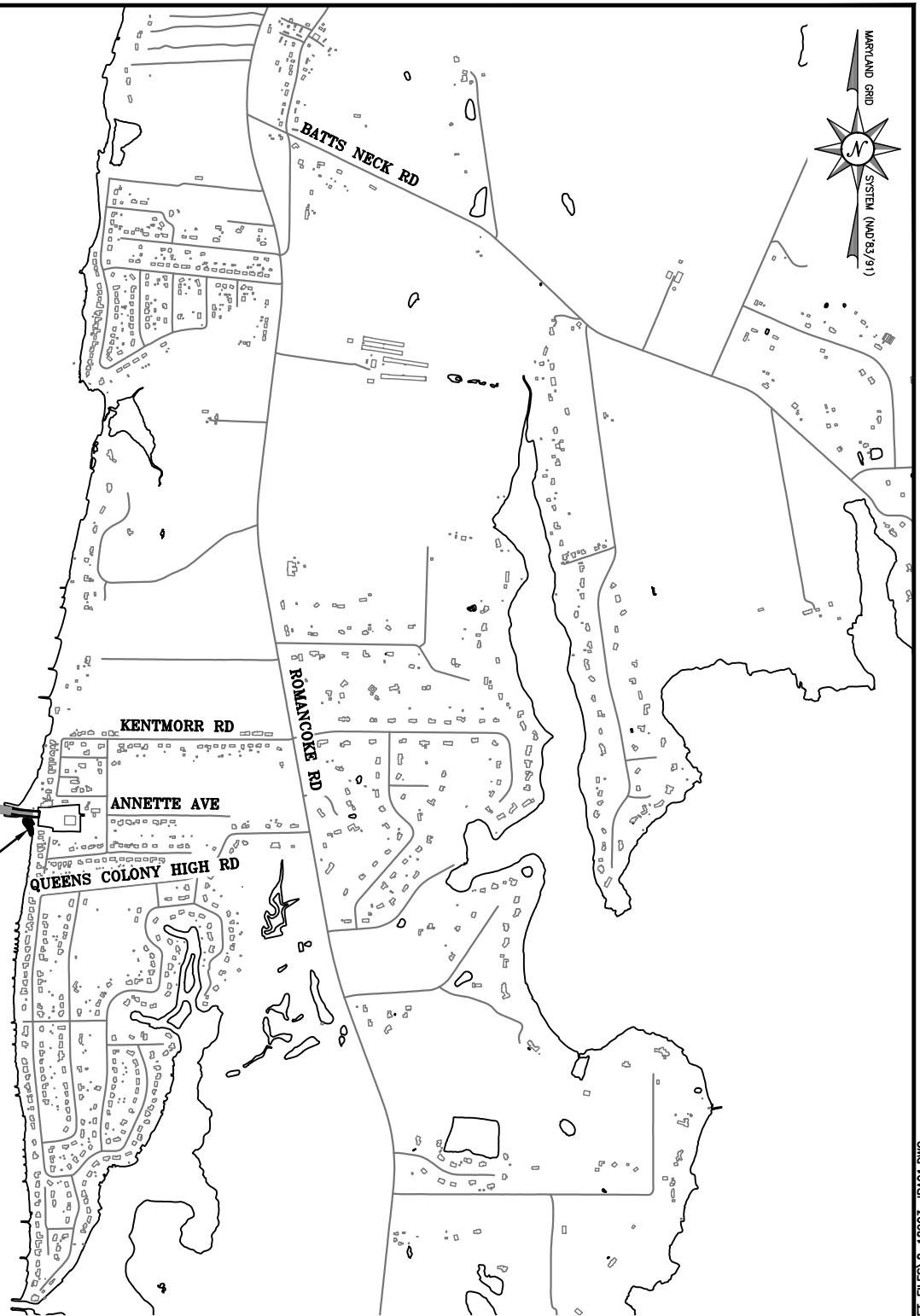
Agency Interest Number: 1567

Effective Date: **December 11, 2023**

Enclosure: Plan Sheets dated **December 2023**

cc: WSA Inspection & Compliance Program  
Army Corps of Engineers

22-WL-1358 & 23-WQC-0029  
 202262129  
 1567  
 12/2023  
 RMS



KENTMORR MARINA  
DREDGE SITE

KENTMORR MARINA  
BENEFICIAL PLACEMENT SITE



**MAINTENANCE DREDGING AT  
KENTMORR MARINA**

**QUEEN ANNE'S COUNTY, MD**

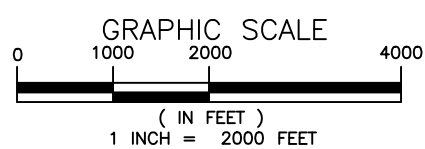
APPL. BY: KENTMORR PROPERTIES, LLC. & TODD BENDIT

**VICINITY MAP**

DATE: DECEMBER 2023 SHEET 1 OF 9

**MDE Page 1 of 10**

**NOTE:**  
BASEMAP TAKEN FROM QUEEN ANNE'S COUNTY  
2018 PLANIMETRICS AND IMAGERY.



**Bayland**  
 Consultants & Designers, Inc.  
 "Integrating Engineering and Environment"  
 7455 New Ridge Road, Suite 1 Phone: (410) 694-9401  
 Hanover, Maryland 21076 Fax: (410) 694-9405  
 www.baylandinc.com

Z:\8\_18903\_KENTMORR\_MARINA\_DREDGING\_PERMITTING\_CAD\_FILES\SHEET\_FILES\8\_18903\_JPA01.DWG



**SHEET 5**

**SHEET 3 & 8**

**SHEET 4**

22-WL-1358 & 23-WQC-0029  
202262129  
1567  
12/2023  
RMS

**MAINTENANCE DREDGING AT  
KENTMORR MARINA**

**QUEEN ANNE'S COUNTY, MD**

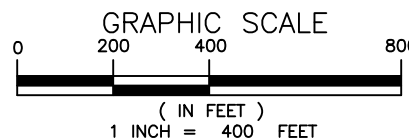
**MDE Page 2 of 10**

APPL. BY: KENTMORR PROPERTIES, LLC. & TODD BENDIT

**NOTE:**  
BASEMAP TAKEN FROM QUEEN ANNE'S COUNTY  
2018 PLANIMETRICS AND IMAGERY.

**KEY SHEET**

DATE: DECEMBER 2023 SHEET 2 OF 9



**Bayland**  
Consultants & Designers, Inc.  
"Integrating Engineering and Environment"

7455 New Ridge Road, Suite 1 Phone: (410) 694-9401  
Hanover, Maryland 21076 Fax: (410) 694-9405  
www.baylandinc.com

Z:\8\_18903\_KENTMORR\_MARINA\_DREDGING\_PERMITTING\CAD\_FILES\SHEET\_FILES\8\_18903\_JPA02.DWG

MATCHLINE REFER TO SHEET 4

CHESAPEAKE BAY  
EX. STONE JETTY (TYP.)

DAVID MICHAEL PAVONE  
906 KENTMORR RD  
T.M. 0070  
DEED: 04086/00270  
PLAT: N/A  
25,000 SF

DAVID HARPER &  
TAMERA HARPER  
908 KENTMORR RD  
T.M. 0070  
DEED: 04086/00238  
PLAT: N/A  
18,750 SF

KENTMORR MARINA LLC  
910 KENTMORR RD  
T.M. 0070  
DEED: 01401/00272  
PLAT: N/A  
31,145 SF

KENTMORR MARINA LLC  
ALLEN AVE.  
T.M. 0070  
DEED: 03707/00078  
PLAT: N/A  
4.082 AC

PREVIOUS DREDGING LIMITS  
CENAB-OP-RMS (KENTMORR  
MARINA) 2015-60280.

PREVIOUS DREDGING  
LIMITS 15-WL-0144.

PROPOSED DREDGE AREA  
2,000' X 70' TO -6.0' MLW.  
CHANNEL OUTLINE REPRESENTS BOTTOM  
WIDTH. FOR TOTAL IMPACT SEE TYPICAL  
CROSS SECTION AND CHANNEL DATA TABLE.

TODD BENDIT & VERONICA BENDIT  
6507 GREYSWOOD RD  
T.M. 0070  
DEED: 02620/00480  
PLAT: N/A  
26,676 SF

KENTMORR MARINA LLC  
ALLEN AVE.  
T.M. 0070  
DEED: 03707/00078  
PLAT: N/A  
3.180 AC

EX. MLW  
EX. MHW

22-WL-1358 & 23-WQC-0029  
202262129  
1567  
12/2023  
RMS



**LEGEND**

- PREVIOUSLY DREDGED CHANNEL
- PROPOSED COUNTY CHANNEL
- SOUNDINGS
- PROPOSED CHANNEL DEPTH
- PROPOSED SEDIMENT SAMPLE LOCATION
- EXISTING MEAN LOW WATER
- EXISTING MEAN HIGH WATER
- APPROX. PROPERTY LINES
- COMMUNITY BOAT RAMP

MAINTENANCE DREDGING AT  
KENTMORR MARINA  
QUEEN ANNE'S COUNTY, MD

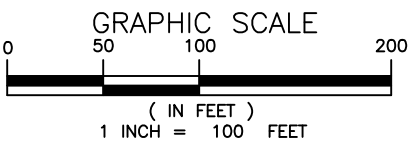
APPL. BY: KENTMORR PROPERTIES, LLC. & TODD BENDIT

MDE Page 3 of 10

NOTE:  
BASEMAP TAKEN FROM QUEEN ANNE'S COUNTY  
2018 PLANIMETRICS AND IMAGERY.

CHANNEL PLAN

DATE: DECEMBER 2023 SHEET 3 OF 9




**Bayland**  
Consultants & Designers, Inc.  
"Integrating Engineering and Environment"

7455 New Ridge Road, Suite 1 Phone: (410) 694-9401  
Hanover, Maryland 21076 Fax: (410) 694-9405  
www.baylandinc.com

Z:\B\_18903\_KENTMORR\_MARINA\_DREDGING\_PERMITTING\_CAD\_FILES\SHEET FILES\B\_18903\_JPA03.DWG



CHESAPEAKE BAY  
FLOOD

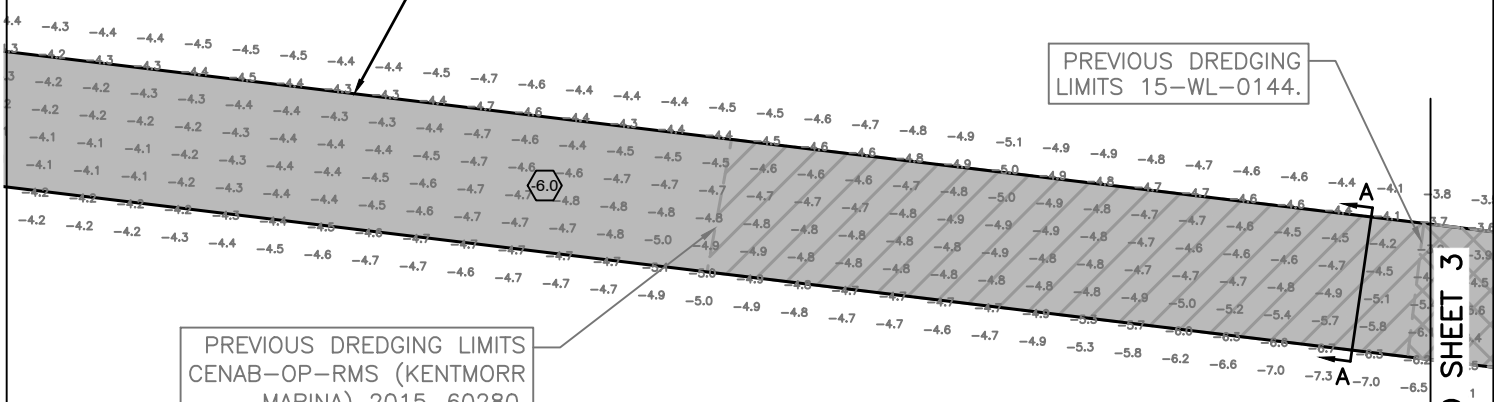
PROPOSED DREDGE AREA  
2,000' X 70' TO -6.0' MLW.  
CHANNEL OUTLINE REPRESENTS BOTTOM  
WIDTH. FOR TOTAL IMPACT SEE TYPICAL  
CROSS SECTION AND CHANNEL DATA TABLE.

PREVIOUS DREDGING  
LIMITS 15-WL-0144.

PREVIOUS DREDGING LIMITS  
CENAB-OP-RMS (KENTMORR  
MARINA) 2015-60280.

MATCHLINE REFER TO SHEET 5

MATCHLINE REFER TO SHEET 3



22-WL-1358 & 23-WQC-0029  
202262129  
1567  
12/2023  
RMS

### MAINTENANCE DREDGING AT KENTMORR MARINA

QUEEN ANNE'S COUNTY, MD

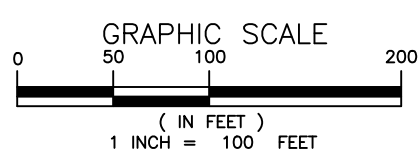
APPL. BY: KENTMORR PROPERTIES, LLC. & TODD BENDIT

### CHANNEL PLAN

DATE: DECEMBER 2023 SHEET 4 OF 9

MDE Page 4 of 10

NOTE:  
BASEMAP TAKEN FROM QUEEN ANNE'S COUNTY  
2018 PLANIMETRICS AND IMAGERY.



Bayland  
Consultants & Designers, Inc.  
"Integrating Engineering and Environment"

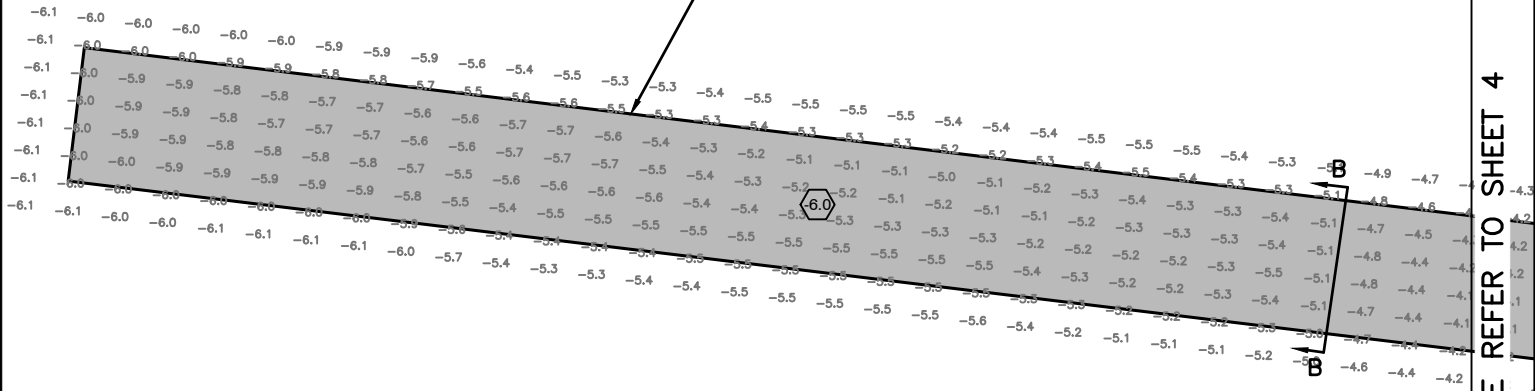
7455 New Ridge Road, Suite 1 Phone: (410) 694-9401  
Hanover, Maryland 21076 Fax: (410) 694-9405  
www.baylandinc.com

Z:\B\_18903\_KENTMORR\_MARINA\_DREDGING\_PERMITTING\_CAD\_FILES\SHEET\_FILES\SHEET\_4\22-WL-1358 & 23-WQC-0029\_202262129\_1567\_12/2023\_RMS.dwg

CHESAPEAKE BAY  
FLOOD



PROPOSED DREDGE AREA  
2,000' X 70' TO -6.0' MLW.  
CHANNEL OUTLINE REPRESENTS BOTTOM  
WIDTH. FOR TOTAL IMPACT SEE TYPICAL  
CROSS SECTION AND CHANNEL DATA TABLE.



MATCHLINE REFER TO SHEET 4

22-WL-1358 & 23-WQC-0029  
202262129  
1567  
12/2023  
RMS

MAINTENANCE DREDGING AT  
KENTMORR MARINA

QUEEN ANNE'S COUNTY, MD

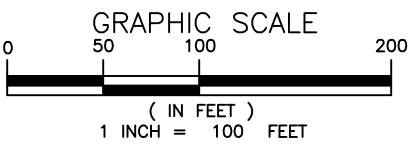
APPL. BY: KENTMORR PROPERTIES, LLC. & TODD BENDIT

CHANNEL PLAN

DATE: DECEMBER 2023 SHEET 5 OF 9

MDE Page 5 of 10

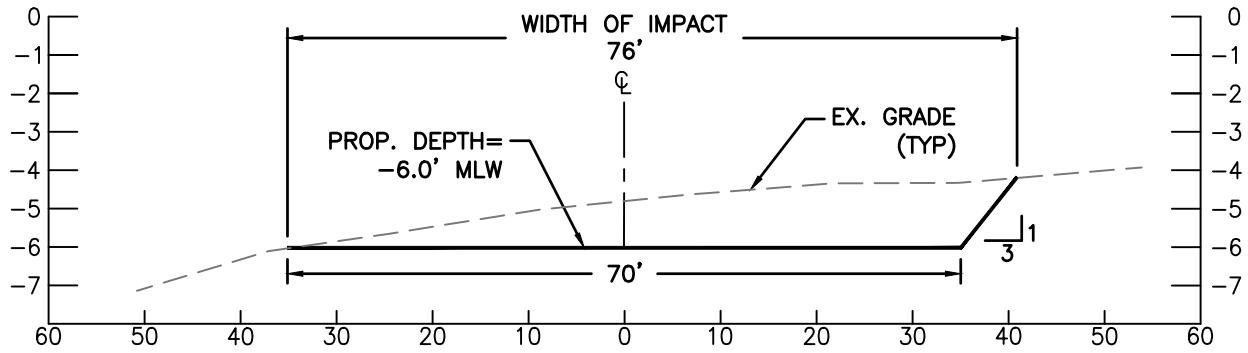
NOTE:  
BASEMAP TAKEN FROM QUEEN ANNE'S COUNTY  
2018 PLANIMETRICS AND IMAGERY.



**Bayland**  
Consultants & Designers, Inc.  
"Integrating Engineering and Environment"

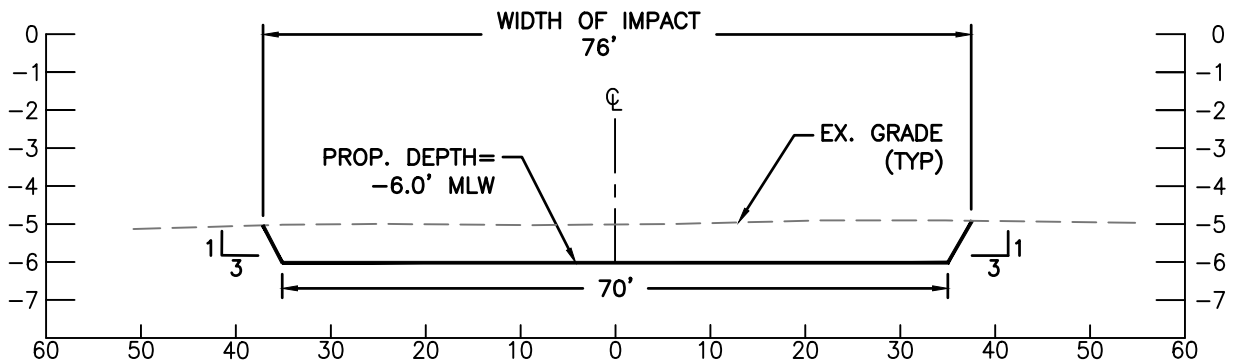
7455 New Ridge Road, Suite 1 Phone: (410) 694-9401  
Hanover, Maryland 21076 Fax: (410) 694-9405  
www.baylandinc.com

Z:\8\_18903\_KENTMORR\_MARINA\_DREDGING\_PERMITTING\_CAD\_FILES\SHEET FILES\SHEET 5 OF 9\_18903\_JPA05.DWG



**SECTION A-A**

SCALE: NTS



**SECTION B-B**

SCALE: NTS

22-WL-1358 & 23-WQC-0029  
 202262129  
 1567  
 12/2023  
 RMS

**MAINTENANCE DREDGING AT  
 KENTMORR MARINA**

**QUEEN ANNE'S COUNTY, MD**

APPL. BY: KENTMORR PROPERTIES, LLC. & TODD BENDIT

MDE Page 6 of 10

**CHANNEL SECTIONS**

DATE: DECEMBER 2023 SHEET 6 OF 9

**Bayland**  
 Consultants & Designers, Inc.  
*"Integrating Engineering and Environment"*  
 7455 New Ridge Road, Suite 1 Phone: (410) 694-9401  
 Hanover, Maryland 21076 Fax: (410) 694-9405  
 www.baylandinc.com

Z:\B\_18903\_KENTMORR\_MARINA\_DREDGING\_PERMITTING\CAD\_FILES\SHEET\_FILES\B\_18903\_JPA06.DWG

## CHANNEL DETAILS

SEGMENT	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)	VOLUME (CY)
MAIN CHANNEL	2,000	70	-6.0'	5,682
TOTAL MAIN CHANNEL LENGTH				2,000 LF
TOTAL MAIN CHANNEL VOLUME				5,682 CY
TOTAL AREA OF IMPACT				151,249 SF = 3.47 AC
TOTAL MAIN CHANNEL AREA OF IMPACT TO 2017 SAV				0 SF = 0.00 AC

**NOTES:**

1. BASEMAP COMPILED FROM QUEEN ANNE'S COUNTY 2018 PLANIMETRICS AND IMAGERY.
2. TIDAL RANGE IS 0.8 FEET.
3. BATHYMETRY FROM BAYLAND SURVEY DATED NOVEMBER 22, 2022.
4. SOUNDINGS ARE IN FEET AND REFER TO MLW.
5. THE KENTMORR MARINA CHANNEL PROPOSED FOR MAINTENANCE DREDGING WAS PREVIOUSLY PERMITTED UNDER 15-WL-0144 CENAB-OP-RMS (KENTMORR MARINA) 2015-60280.
6. THESE ARE PERMIT DRAWINGS ONLY. DESIGN DRAWINGS WILL BE PREPARED SEPARATELY.



**MAINTENANCE DREDGING AT  
KENTMORR MARINA**

**QUEEN ANNE'S COUNTY, MD**

APPL. BY: KENTMORR PROPERTIES, LLC. & TODD BENDIT

**MDE Page 7 of 10**

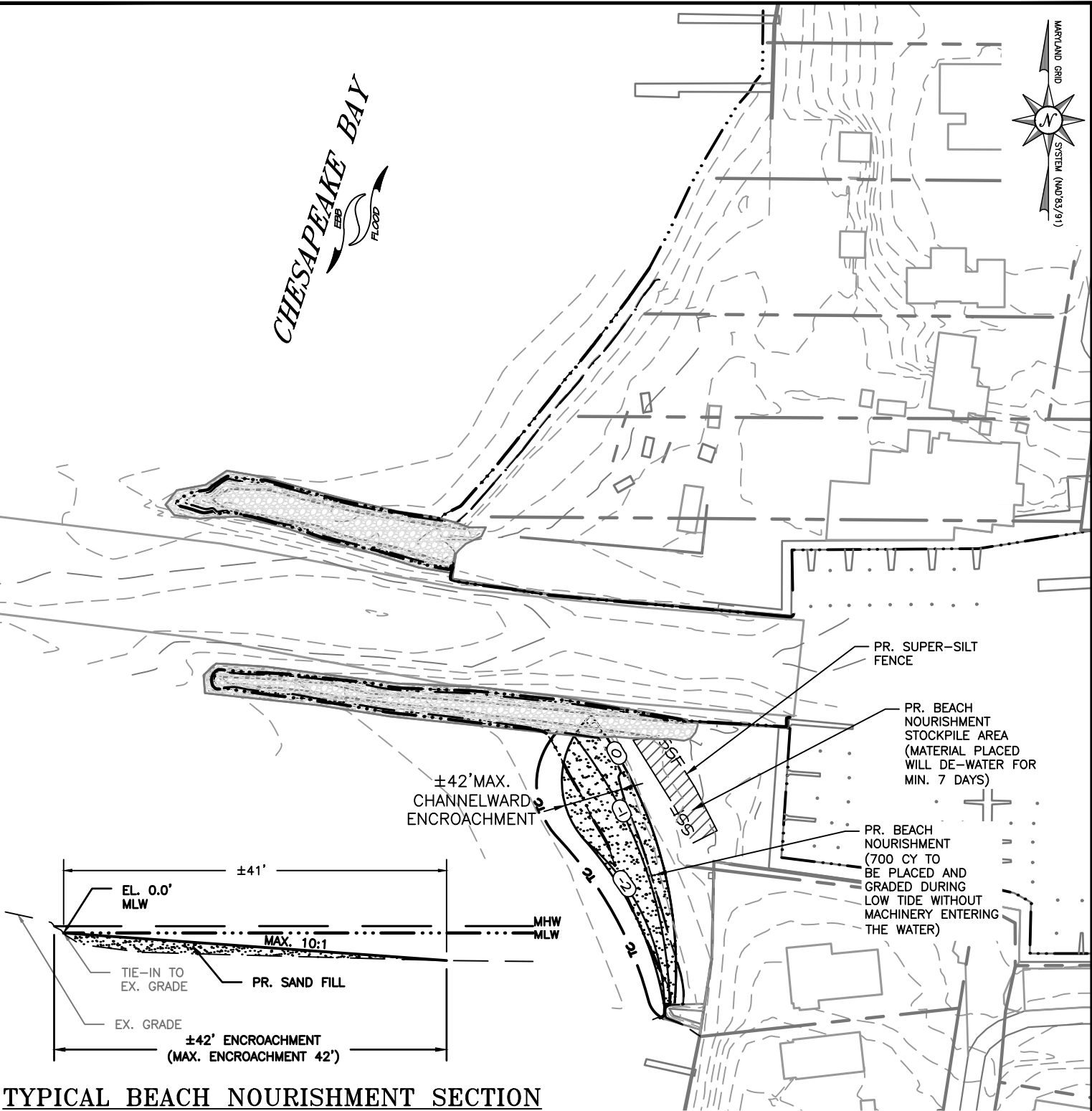
**CHANNEL DETAILS**

DATE: DECEMBER 2023 SHEET 7 OF 9



Z:\8\_18903\_KENTMORR\_MARINA\_DREDGING\_PERMITTING\CAD FILES\SHEET FILES\8\_18903\_JPA07.DWG

CHESAPEAKE BAY  
EBB FLOOD



**TYPICAL BEACH NOURISHMENT SECTION**  
SCALE: NTS

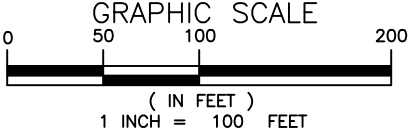
MAINTENANCE DREDGING AT  
KENTMORR MARINA  
  
QUEEN ANNE'S COUNTY, MD

22-WL-1358 & 23-WQC-0029  
202262129  
1567  
12/2023  
RMS

MDE Page 8 of 10

APPL. BY: KENTMORR PROPERTIES, LLC. & TODD BENDIT

KENTMORR MARINA BEACH  
NOURISHMENT SITE



DATE: DECEMBER 2023 SHEET 8 OF 9

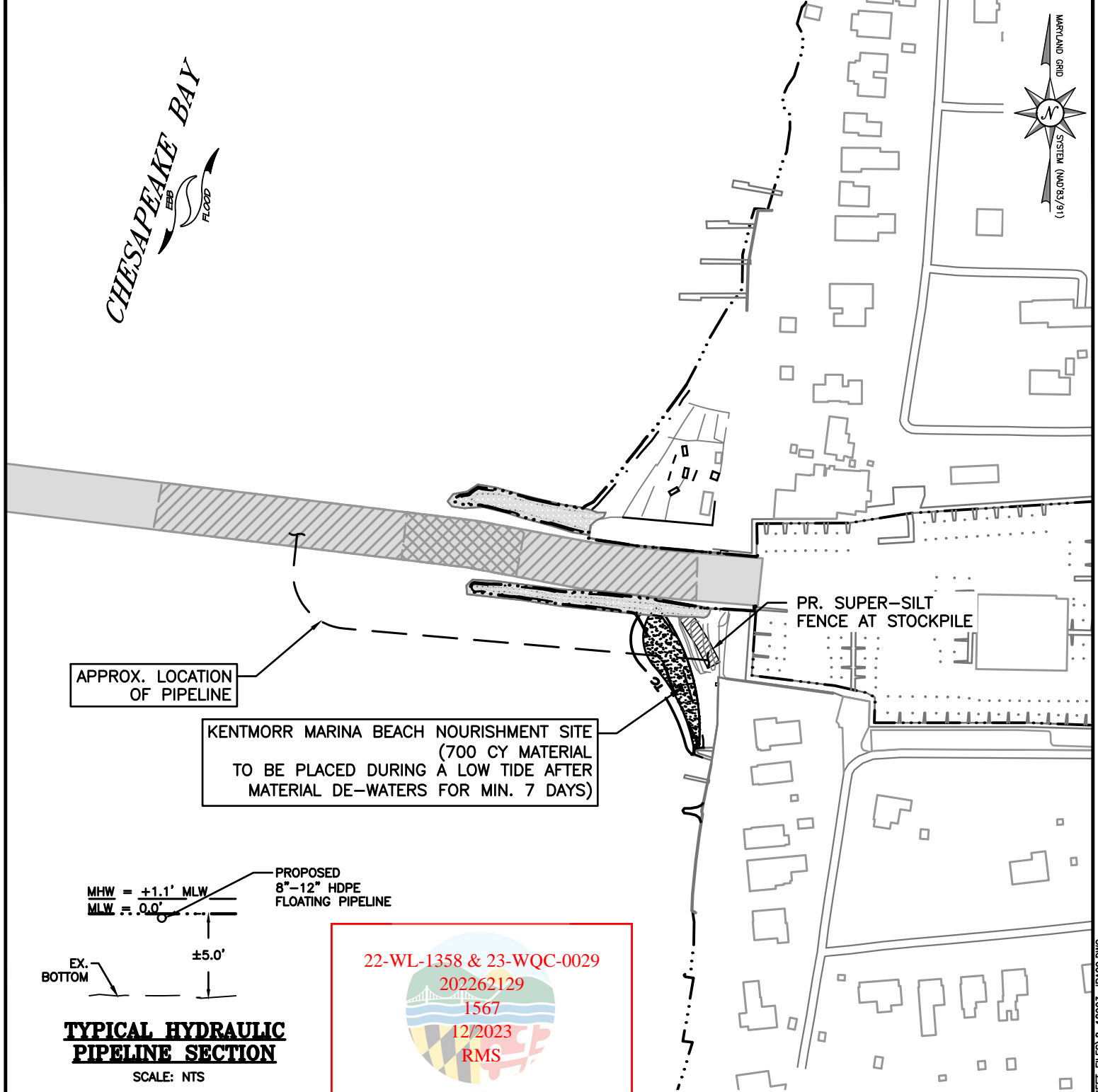
NOTES:  
1. BASEMAP TAKEN FROM QUEEN ANNE'S COUNTY 2018 PLANIMETRICS AND IMAGERY.

Bayland  
Consultants & Designers, Inc.  
"Integrating Engineering and Environment"

7455 New Ridge Road, Suite 1 Phone: (410) 694-9401  
Hanover, Maryland 21076 Fax: (410) 694-9405  
www.baylandinc.com

Z:\8\_18903\_KENTMORR\_MARINA\_DREDGING\_PERMITTING\CAD FILES\SHEET FILES\8\_18903\_JPA08.DWG

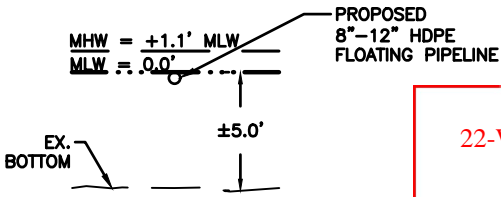
CHESAPEAKE BAY



APPROX. LOCATION OF PIPELINE

KENTMORR MARINA BEACH NOURISHMENT SITE  
(700 CY MATERIAL TO BE PLACED DURING A LOW TIDE AFTER MATERIAL DE-WATERS FOR MIN. 7 DAYS)

PR. SUPER-SILT FENCE AT STOCKPILE



**TYPICAL HYDRAULIC PIPELINE SECTION**  
SCALE: NTS

22-WL-1358 & 23-WQC-0029  
202262129  
1567  
12/2023  
RMS

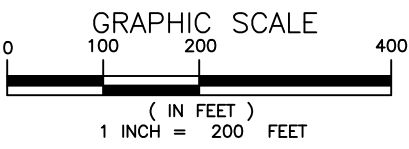
MAINTENANCE DREDGING AT KENTMORR MARINA

QUEEN ANNE'S COUNTY, MD

APPL. BY: KENTMORR PROPERTIES, LLC. & TODD BENDIT

HYDRAULIC PIPELINE PLAN

DATE: DECEMBER 2023 SHEET 9 OF 9



MDE Page 9 of 10

NOTE: BASEMAP TAKEN FROM QUEEN ANNE'S COUNTY 2018 PLANIMETRICS AND IMAGERY.

**Bayland**  
Consultants & Designers, Inc.  
7455 New Ridge Road, Suite 1 Hanover, Maryland 21076  
Phone: (410) 694-9401 Fax: (410) 694-9405  
www.baylandinc.com

Z:\B\_18903\_KENTMORR\_MARINA\_DREDGING\_PERMITTING\CAD\_FILES\SHEET\_FILES\B\_18903\_JPA09.DWG



