



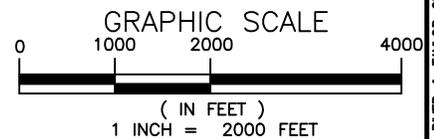
25-WL-1026
 202561615
 2/17/2026
 Sheet 1 of 14

**TAYLOR CREEK
 MAINTENANCE DREDGING
 AT
 HARFORD COUNTY**

APPL. BY: HARFORD COUNTY DEPARTMENT OF PARKS & RECREATION

VICINITY MAP

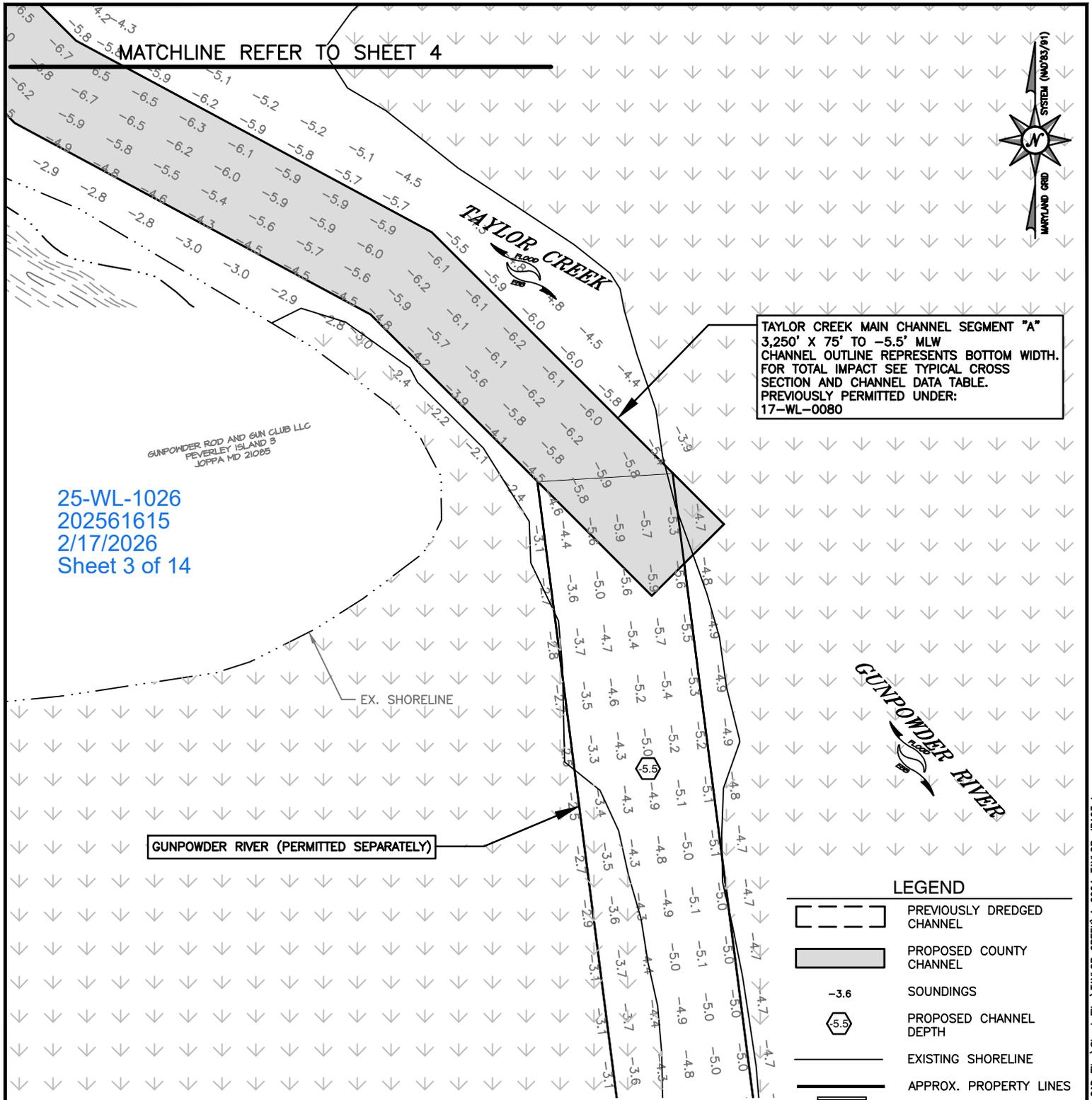
DATE: FEBRUARY 2026 SHEET 1 OF 12



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Integrating Engineering and Environment
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 Hanover, Maryland 21076 Fax: (410) 694-9405
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MATCHLINE REFER TO SHEET 4



TAYLOR CREEK MAIN CHANNEL SEGMENT "A"
3,250' X 75' TO -5.5' MLW
CHANNEL OUTLINE REPRESENTS BOTTOM WIDTH.
FOR TOTAL IMPACT SEE TYPICAL CROSS
SECTION AND CHANNEL DATA TABLE.
PREVIOUSLY PERMITTED UNDER:
17-WL-0080

25-WL-1026
202561615
2/17/2026
Sheet 3 of 14

GUNPOWDER ROD AND GUN CLUB LLC
PEVERLEY ISLAND 3
JOPPA MD 21085

EX. SHORELINE

GUNPOWDER RIVER (PERMITTED SEPARATELY)



LEGEND

- PREVIOUSLY DREDGED CHANNEL
- PROPOSED COUNTY CHANNEL
- SOUNDINGS
- PROPOSED CHANNEL DEPTH
- EXISTING SHORELINE
- APPROX. PROPERTY LINES
- EXISTING BOAT LIFT
- EXISTING PILING

SAV LEGEND

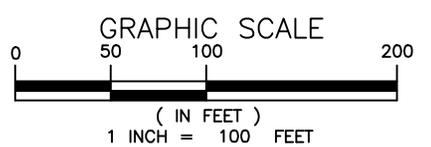
2019-2023 COMPOSITE SAV BED FROM VIMS INTERACTIVE SAV MAP (969 SF OF IMPACT)
NOTE: NO PREVIOUS SAV IMPACTS. THIS IS MAINTENANCE DREDGING ONLY AND HAS NOT REQUIRED MITIGATION.

TAYLOR CREEK
MAINTENANCE DREDGING
AT
HARFORD COUNTY

APPL. BY: HARFORD COUNTY DEPARTMENT OF PARKS & RECREATION

CHANNEL PLANS

DATE: FEBRUARY 2026 SHEET 3 OF 13



NOTE: BASEMAP TAKEN FROM HARFORD COUNTY 2016 PLANIMETRICS AND 2020 IMAGERY.

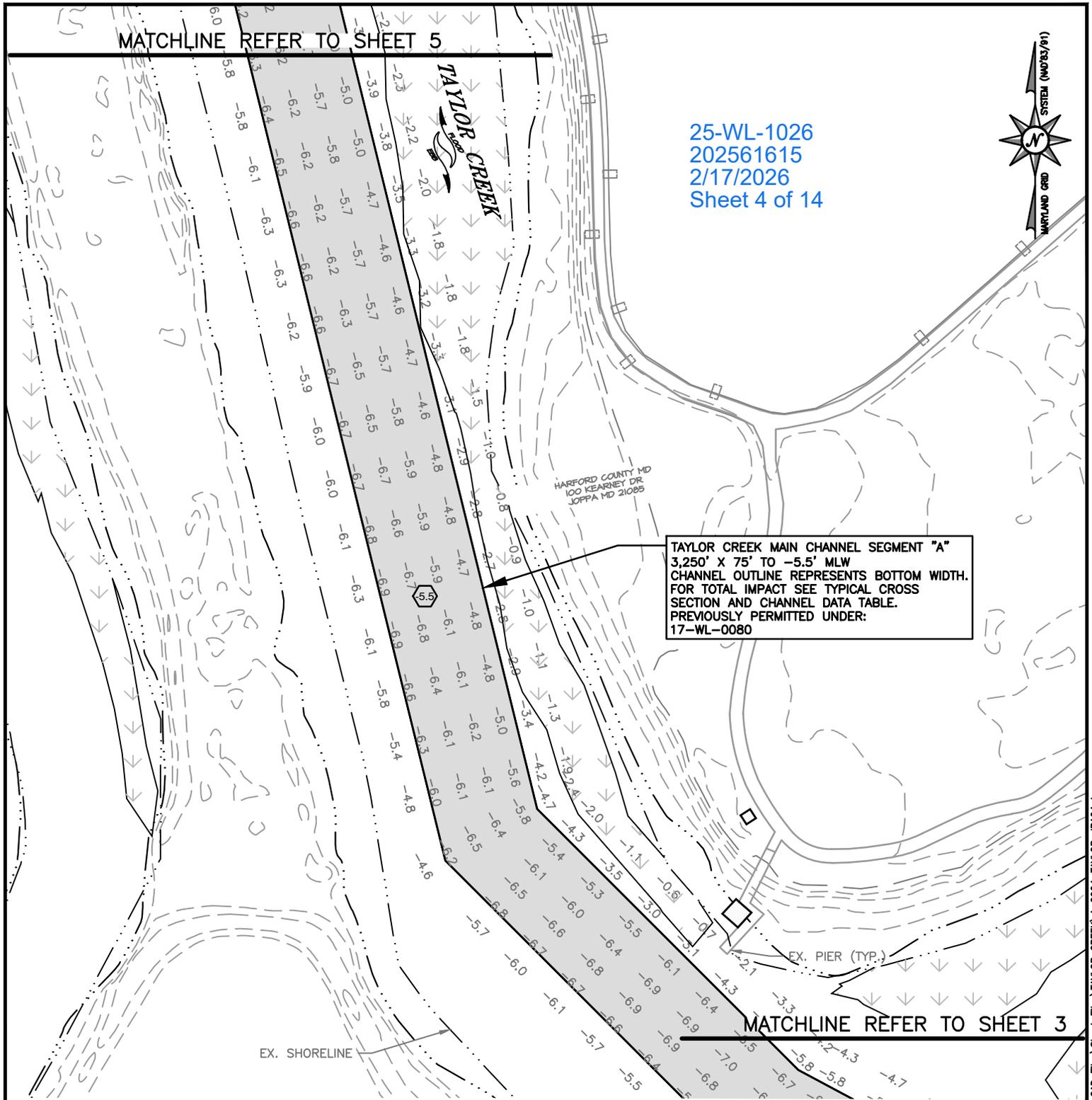
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MATCHLINE REFER TO SHEET 5

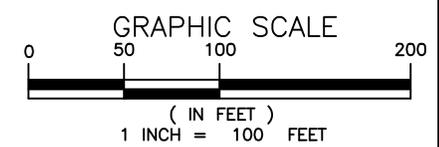
25-WL-1026
202561615
2/17/2026
Sheet 4 of 14



TAYLOR CREEK MAIN CHANNEL SEGMENT "A"
3,250' X 75' TO -5.5' MLW
CHANNEL OUTLINE REPRESENTS BOTTOM WIDTH.
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SECTION AND CHANNEL DATA TABLE.
PREVIOUSLY PERMITTED UNDER:
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MATCHLINE REFER TO SHEET 3

EX. SHORELINE



TAYLOR CREEK MAINTENANCE DREDGING AT HARFORD COUNTY

APPL. BY: HARFORD COUNTY DEPARTMENT OF PARKS & RECREATION

CHANNEL PLANS

DATE: FEBRUARY 2026 SHEET 4 OF 13

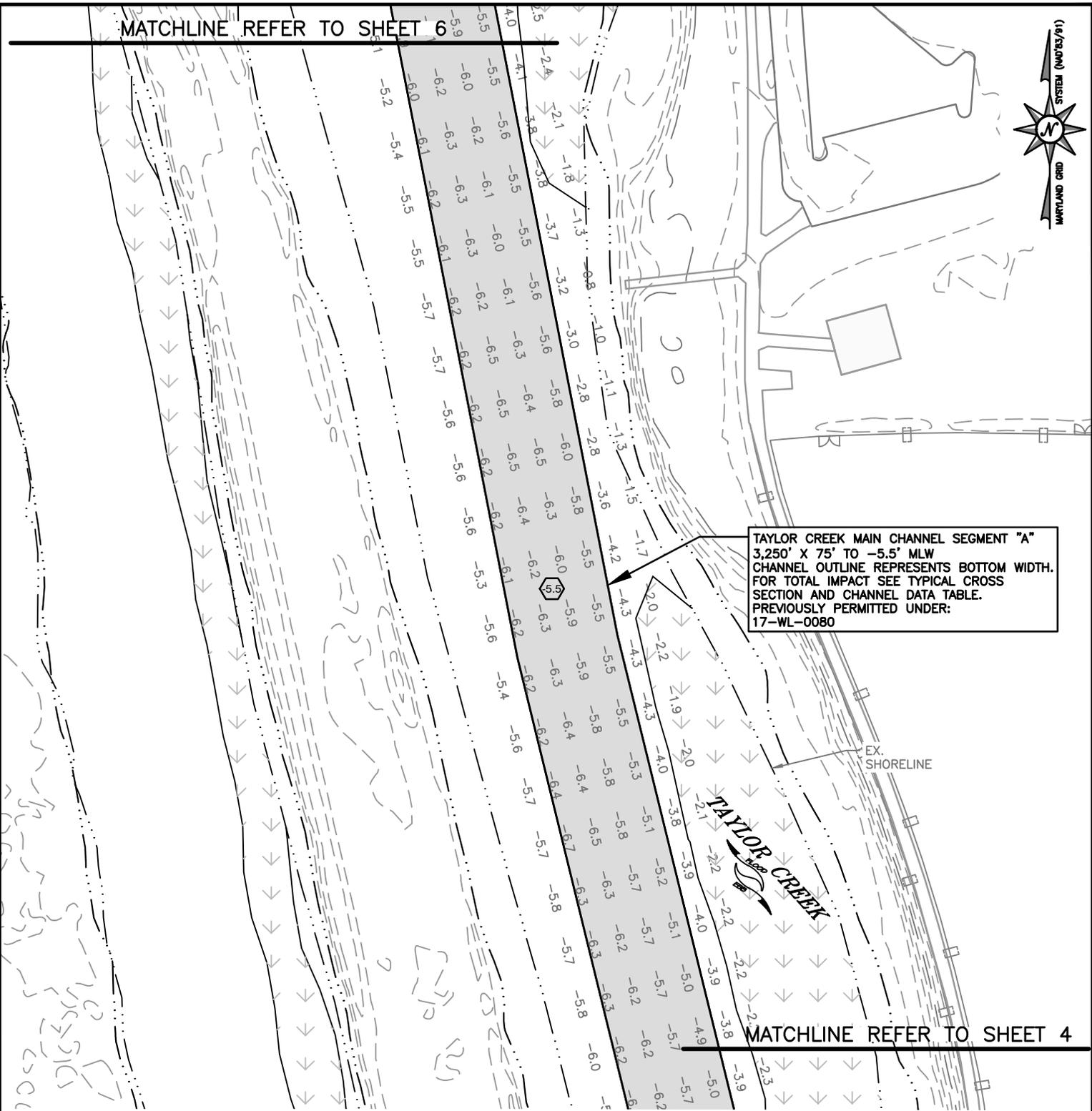
NOTE:
BASEMAP TAKEN FROM HARFORD COUNTY 2016
PLANIMETRICS AND 2020 IMAGERY.

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MATCHLINE REFER TO SHEET 6



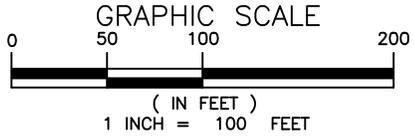
TAYLOR CREEK MAIN CHANNEL SEGMENT "A"
3,250' X 75' TO -5.5' MLW
CHANNEL OUTLINE REPRESENTS BOTTOM WIDTH.
FOR TOTAL IMPACT SEE TYPICAL CROSS
SECTION AND CHANNEL DATA TABLE.
PREVIOUSLY PERMITTED UNDER:
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EX. SHORELINE

MATCHLINE REFER TO SHEET 4

TAYLOR CREEK
MAINTENANCE DREDGING
AT
HARFORD COUNTY

25-WL-1026
202561615
2/17/2026
Sheet 5 of 14



APPL. BY: HARFORD COUNTY DEPARTMENT OF PARKS & RECREATION

NOTE:
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PLANIMETRICS AND 2018 IMAGERY.

CHANNEL PLANS

DATE: FEBRUARY 2026 SHEET 5 OF 13

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MATCHLINE REFER TO SHEET 7



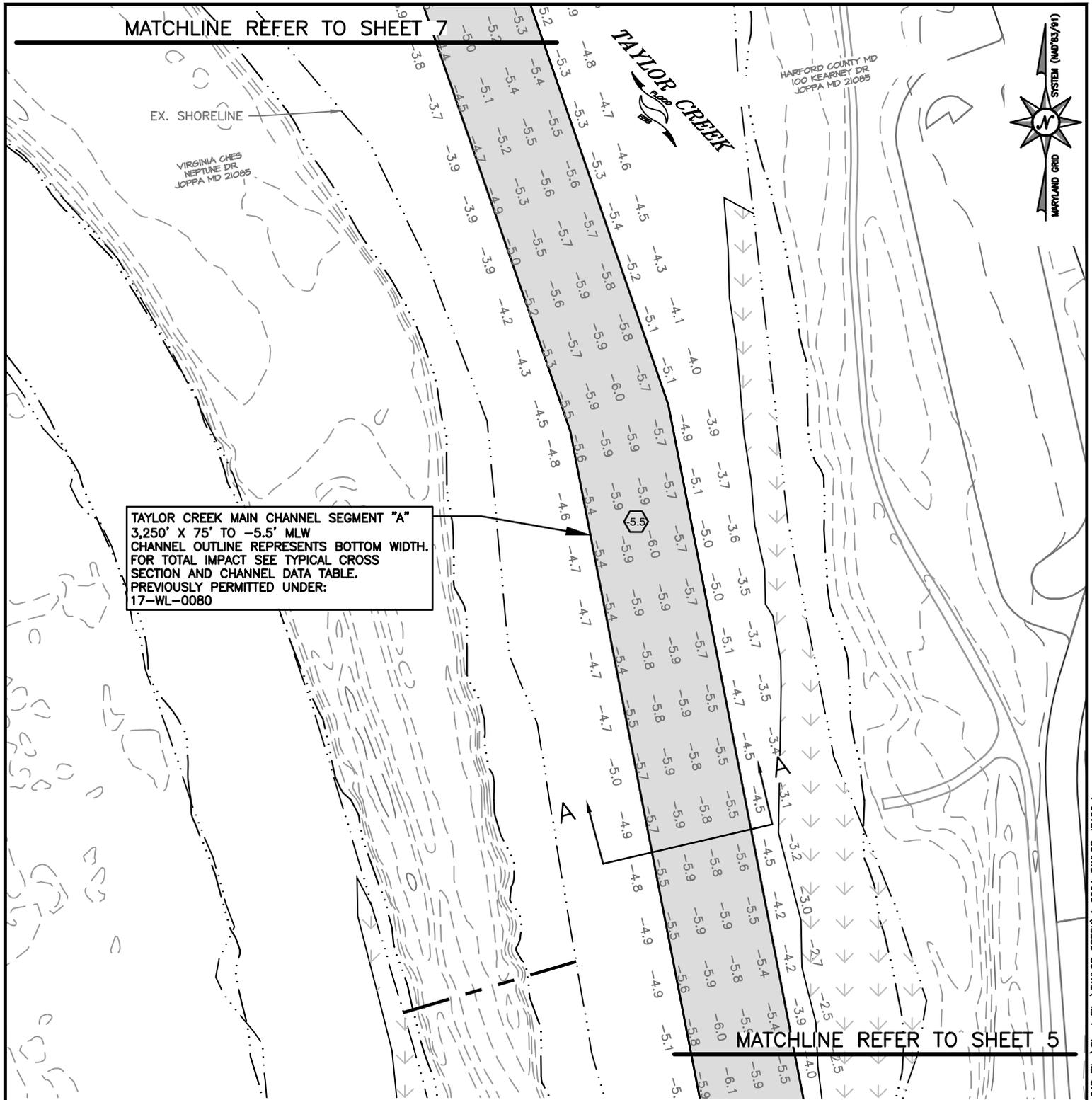
EX. SHORELINE

VIRGINIA CHES
NEPTUNE DR
JOPPA MD 21085

TAYLOR CREEK

HARFORD COUNTY MD
100 KEARNEY DR
JOPPA MD 21085

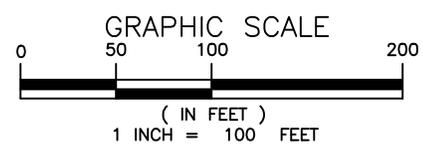
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3,250' X 75' TO -5.5' MLW
CHANNEL OUTLINE REPRESENTS BOTTOM WIDTH.
FOR TOTAL IMPACT SEE TYPICAL CROSS
SECTION AND CHANNEL DATA TABLE.
PREVIOUSLY PERMITTED UNDER:
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MATCHLINE REFER TO SHEET 5

TAYLOR CREEK
MAINTENANCE DREDGING
AT
HARFORD COUNTY

25-WL-1026
202561615
2/17/2026
Sheet 6 of 14



APPL. BY: HARFORD COUNTY DEPARTMENT OF PARKS & RECREATION

CHANNEL PLANS

DATE: FEBRUARY 2026 SHEET 6 OF 13

NOTE:
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PLANIMETRICS AND 2020 IMAGERY.

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MATCHLINE REFER TO SHEET 8



TAYLOR CREEK MAIN CHANNEL SEGMENT "B"
2,250' X 50' TO -5.5' MLW
CHANNEL OUTLINE REPRESENTS BOTTOM
WIDTH.
FOR TOTAL IMPACT SEE TYPICAL CROSS
SECTION AND CHANNEL DATA TABLE.
PREVIOUSLY PERMITTED UNDER:
17-WL-0080

25-WL-1026
202561615
2/17/2026
Sheet 7 of 14



TAYLOR CREEK MAIN CHANNEL SEGMENT "C"
120' X 110' TO -5.5' MLW
CHANNEL OUTLINE REPRESENTS BOTTOM
WIDTH.
FOR TOTAL IMPACT SEE TYPICAL CROSS
SECTION AND CHANNEL DATA TABLE.
PREVIOUSLY PERMITTED UNDER:
17-WL-0080

TAYLOR CREEK MAIN CHANNEL SEGMENT
"A"
3,250' X 75' TO -5.5' MLW
CHANNEL OUTLINE REPRESENTS BOTTOM
WIDTH.
FOR TOTAL IMPACT SEE TYPICAL CROSS
SECTION AND CHANNEL DATA TABLE.
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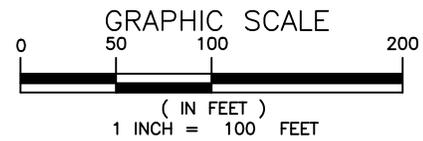
MATCHLINE REFER TO SHEET 6

TAYLOR CREEK MAINTENANCE DREDGING AT HARFORD COUNTY

APPL. BY: HARFORD COUNTY DEPARTMENT OF PARKS & RECREATION

CHANNEL PLANS

DATE: FEBRUARY 2026 SHEET 7 OF 13



NOTE:
BASEMAP TAKEN FROM HARFORD COUNTY 2016
PLANIMETRICS AND 2020 IMAGERY.

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MATCHLINE REFER TO SHEET 9

MICHAEL WILLIAM ARMBRISTER
LDBR
TESLER
417 SHORE DR
JOPPA MD
21085

DAVID FEET
415 SHORE DR
JOPPA MD
21085

DION & DIANNA GUTHRIE
413 SHORE DR
JOPPA MD
21085

FREDERICK PATRICIA SCHECH
411 SHORE DR
JOPPA MD
21085

KEITH & SHEILA FARLEY
409 SHORE DR
JOPPA MD
21085

SCOTT & JULIE REID
407 SHORE DR
JOPPA MD
21085

JOSEPH & BARBARA GREAVER
403 SHORE DR
JOPPA MD
21085

RONALD PARKER
400 SHORE DR
JOPPA MD
21085

NORTH BAY INVESTMENTS MD LLC
510 RIVIERA DR
JOPPA MD
21085

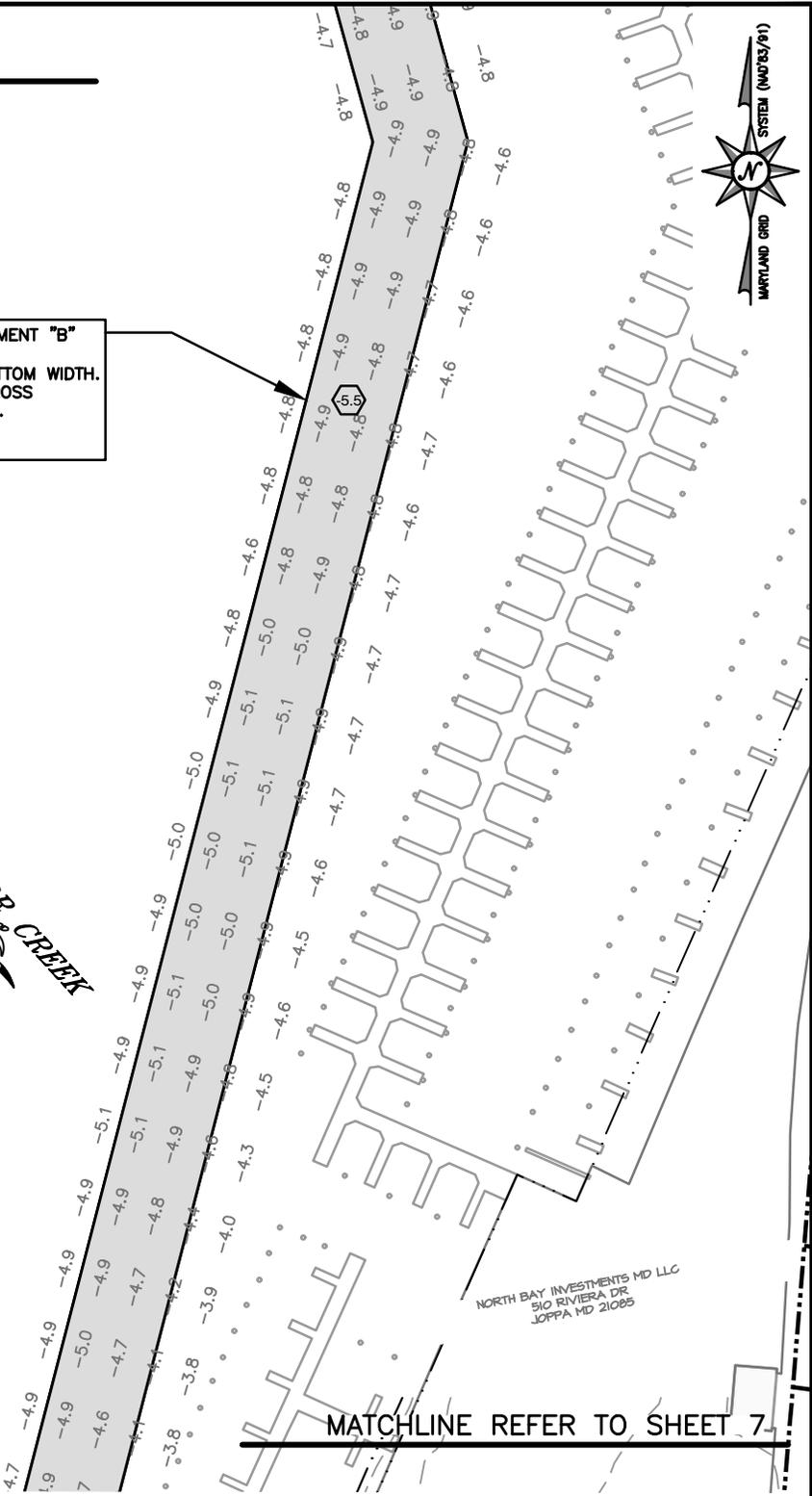
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2,250' X 50' TO -5.5' MLW
CHANNEL OUTLINE REPRESENTS BOTTOM WIDTH.
FOR TOTAL IMPACT SEE TYPICAL CROSS
SECTION AND CHANNEL DATA TABLE.
PREVIOUSLY PERMITTED UNDER:
17-WL-0080

EX. PILE (TYP.)

EX. PIER (TYP.)

EX. SHORELINE

TAYLOR CREEK



MATCHLINE REFER TO SHEET 7

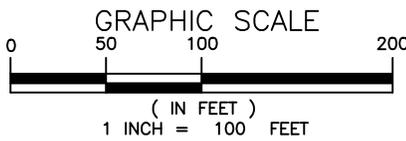
TAYLOR CREEK MAINTENANCE DREDGING AT HARFORD COUNTY

25-WL-1026
202561615
2/17/2026
Sheet 8 of 14

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CHANNEL PLANS

DATE: FEBRUARY 2026 SHEET 8 OF 13



NOTE:
BASEMAP TAKEN FROM HARFORD COUNTY 2016
PLANIMETRICS AND 2020 IMAGERY.

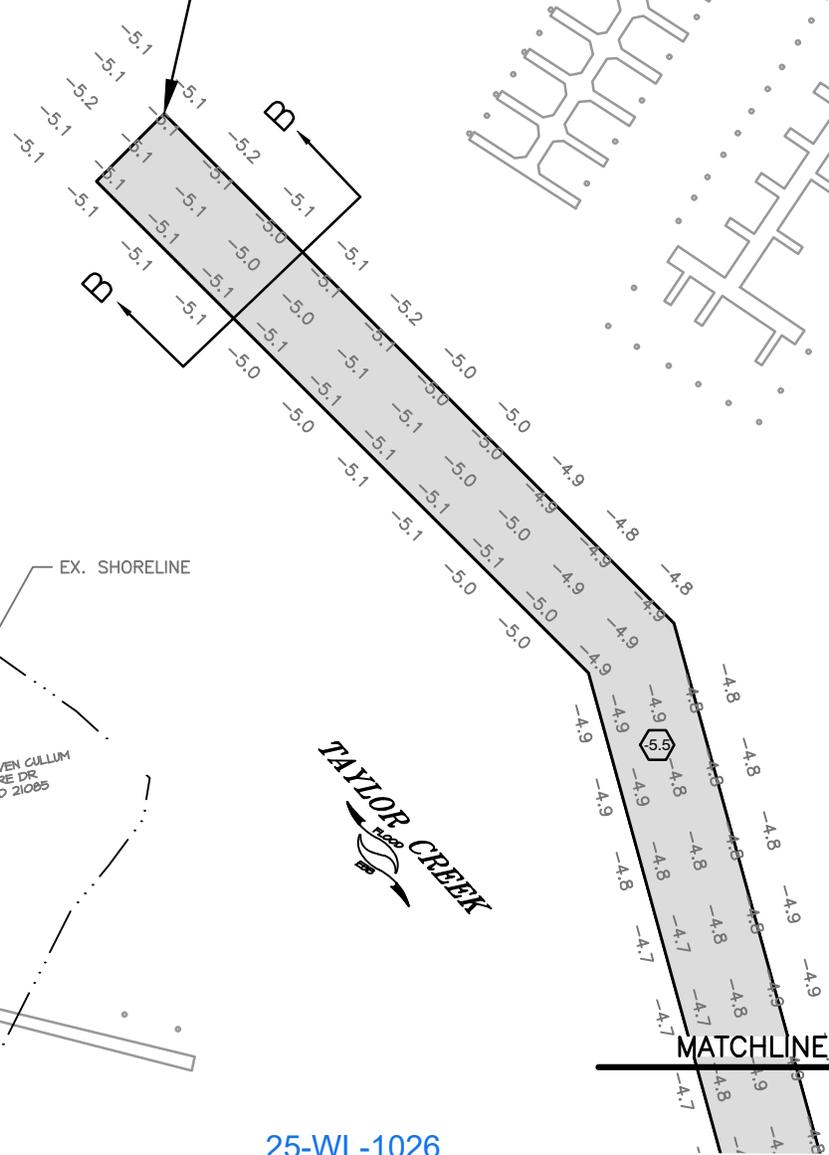
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SYSTEM (MD/BS/91)
MANTLAND GRID



TAYLOR CREEK MAIN CHANNEL SEGMENT "B"
2,250' X 50' TO -5.5' MLW
CHANNEL OUTLINE REPRESENTS BOTTOM WIDTH.
FOR TOTAL IMPACT SEE TYPICAL CROSS
SECTION AND CHANNEL DATA TABLE.
PREVIOUSLY PERMITTED UNDER:
17-WL-0080



MICHAEL
WILLIAM
ARNOLD &
BRITTANY
LAUREN

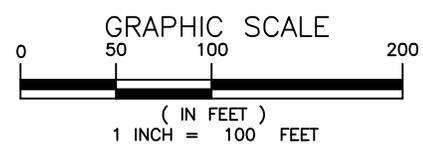
25-WL-1026
202561615
2/17/2026
Sheet 9 of 14

TAYLOR CREEK MAINTENANCE DREDGING AT HARFORD COUNTY

APPL. BY: HARFORD COUNTY DEPARTMENT OF PARKS & RECREATION

CHANNEL PLANS

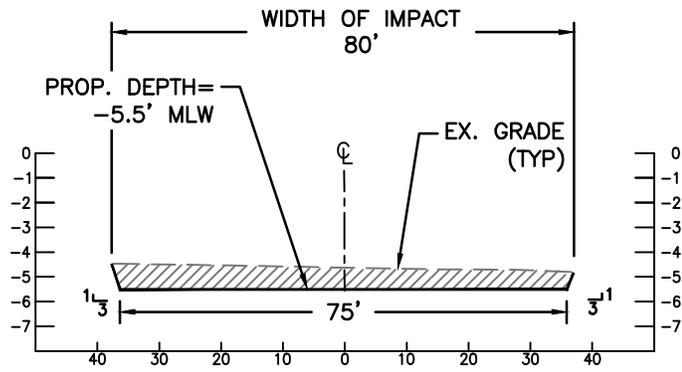
DATE: FEBRUARY 2026 SHEET 9 OF 13



NOTE:
BASEMAP TAKEN FROM HARFORD COUNTY 2016
PLANIMETRICS AND 2020 IMAGERY.

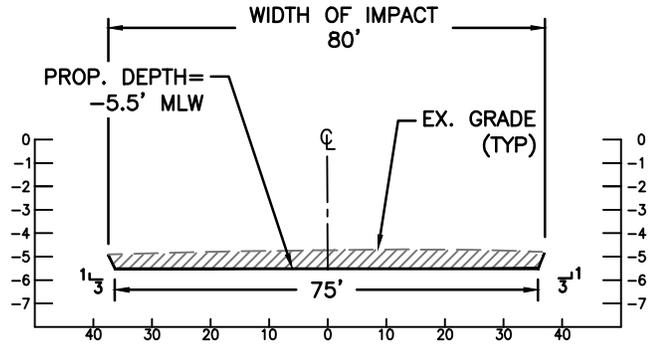
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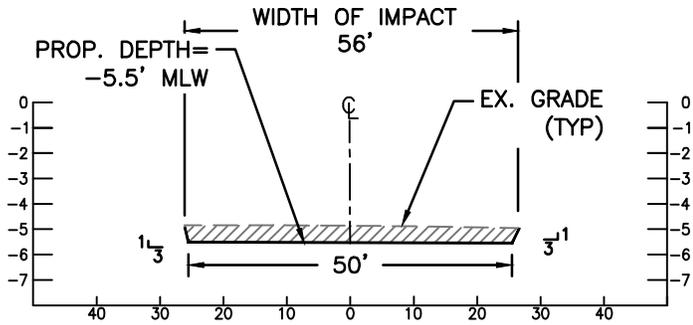
SECTION A-A

SCALE: NTS



SECTION C-C

SCALE: NTS



SECTION B-B

SCALE: NTS

TAYLOR CREEK
MAINTENANCE DREDGING
AT
HARFORD COUNTY

APPL. BY: HARFORD COUNTY DEPARTMENT OF PARKS & RECREATION

CROSS SECTIONS

DATE: FEBRUARY 2026 SHEET 10 OF 13

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TAYLOR CREEK CHANNEL DETAILS

SEGMENT	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)	VOLUME (CY)
A	3,250	75	-5.5	1,296
B	2,250	50	-5.5	2,353
C	120	75-145	-5.5	152
TOTAL MAIN CHANNEL LENGTH				5,620 LF
TOTAL MAIN CHANNEL VOLUME				3,801 CY
TOTAL MAIN CHANNEL AREA OF IMPACT				380,980 SF = 8.75 AC
TOTAL NEW AREA OF DREDGING				0 SF = 0.0 AC
TOTAL MAIN CHANNEL AREA OF IMPACT TO VIMS SAV 2019-2023 COMPOSITE				969 SF = 0.02 AC

25-WL-1026
 202561615
 2/17/2026
 Sheet 11 of 14

NOTES:

1. BASEMAP COMPILED FROM HARFORD COUNTY 2016 PLANIMETRICS AND 2020 IMAGERY.
2. TIDAL RANGE IS 1.0 FEET.
3. BATHYMETRY FROM BAYLAND SURVEY DATED OCTOBER 2, 2025.
4. SOUNDINGS ARE IN FEET AND REFER TO MLW.
5. THE TAYLOR CREEK CHANNEL PROPOSED FOR MAINTENANCE DREDGING WAS PREVIOUSLY PERMITTED UNDER MDE PERMIT 17-WL-0080/USACE PERMIT NAB-2017-60131-M12.
6. THESE ARE PERMIT DRAWINGS ONLY. DESIGN DRAWINGS WILL BE PREPARED SEPARATELY.

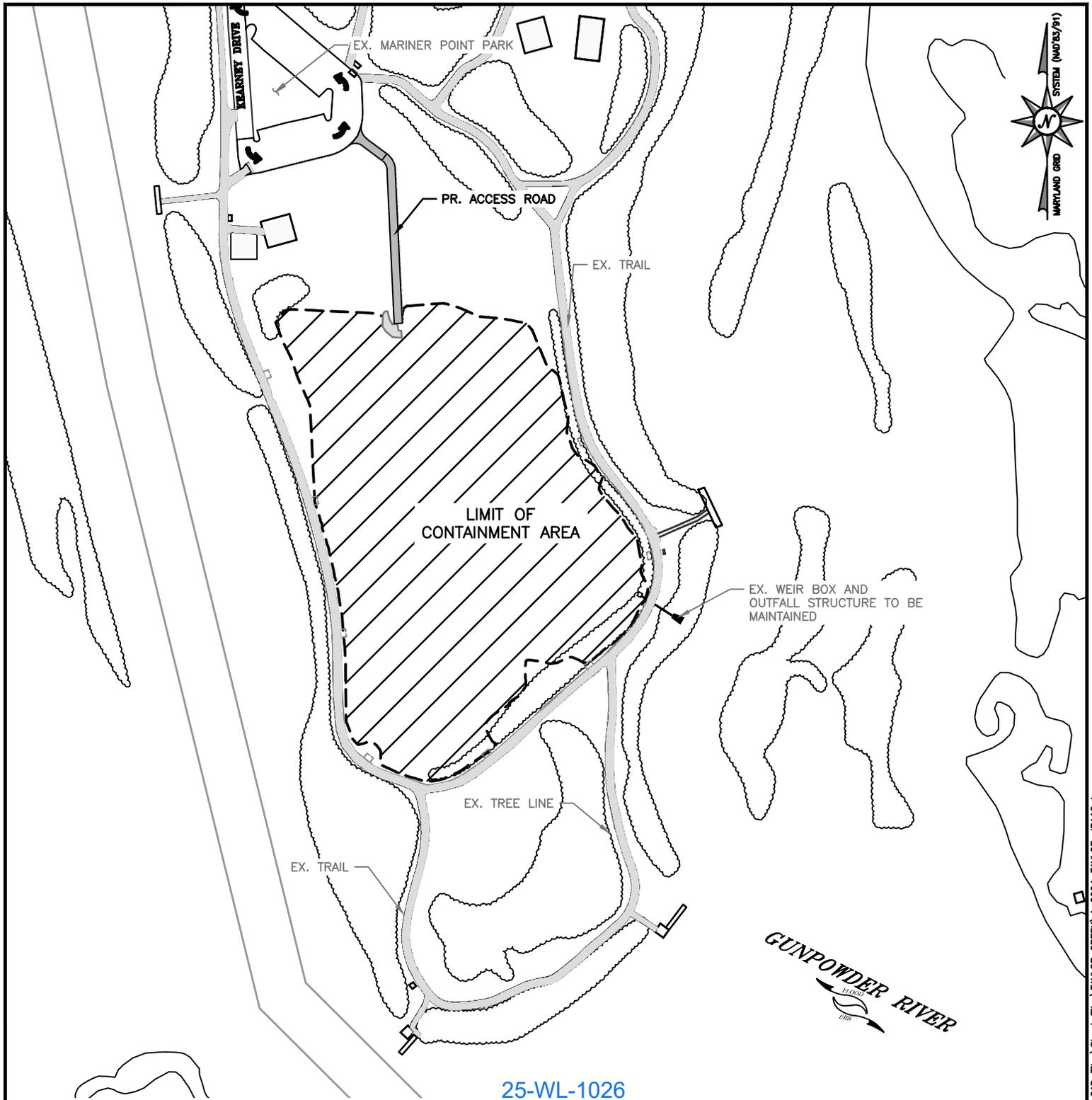
**TAYLOR CREEK
 MAINTENANCE DREDGING
 AT
 HARFORD COUNTY**

APPL. BY: HARFORD COUNTY DEPARTMENT OF PARKS & RECREATION

CHANNEL DETAILS

DATE: FEBRUARY 2026 SHEET 11 OF 13





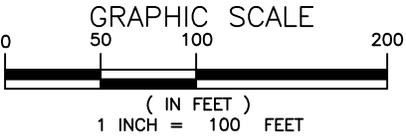
25-WL-1026
 202561615
 2/17/2026
 Sheet 12 of 14

**TAYLOR CREEK
 MAINTENANCE DREDGING
 AT
 HARFORD COUNTY**

APPL. BY: HARFORD COUNTY DEPARTMENT OF PARKS & RECREATION

MARINER POINT PARK DMP SITE

DATE: FEBRUARY 2026 SHEET 12 OF 13

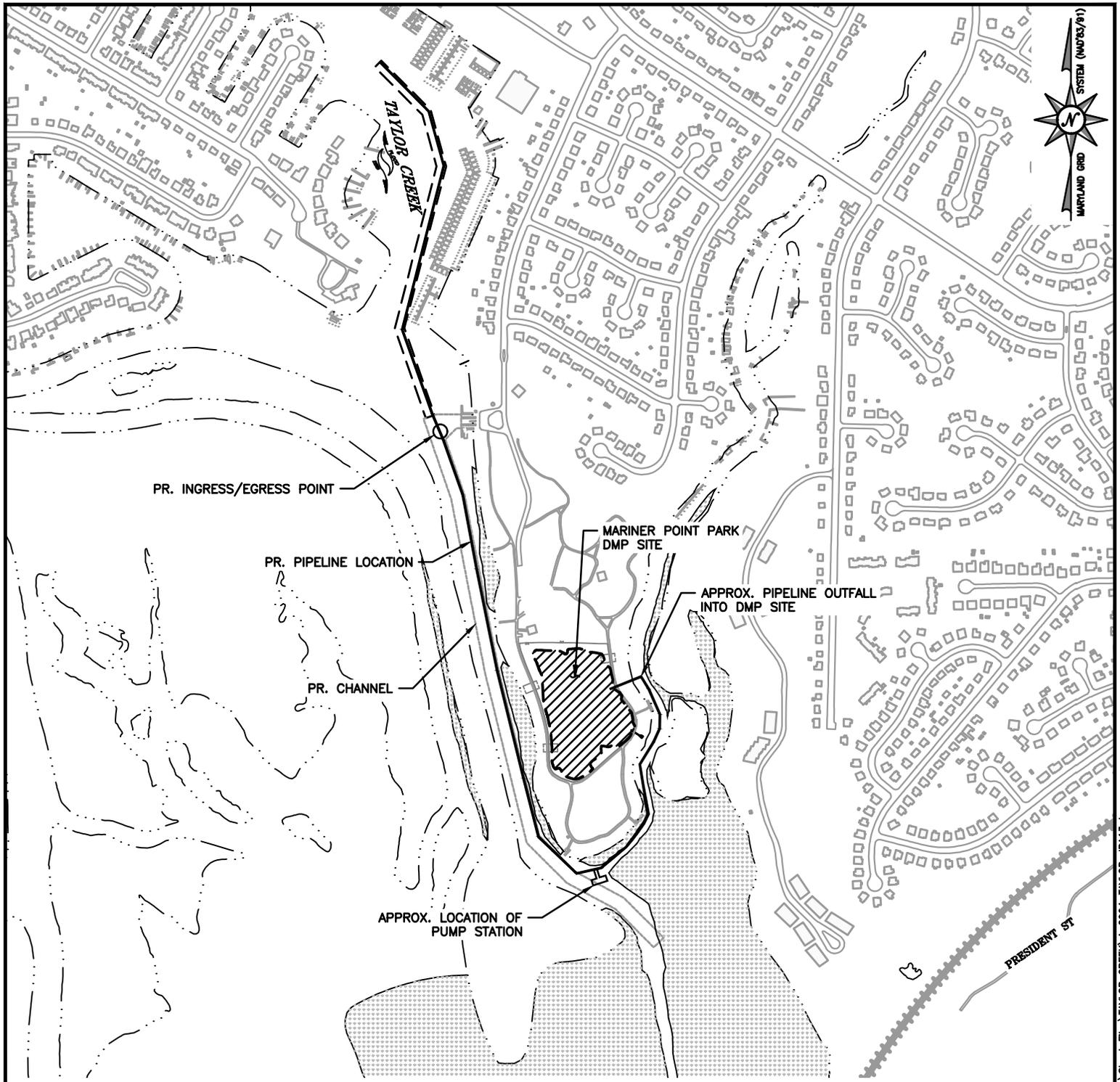


NOTE:
 BASEMAP TAKEN FROM HARFORD COUNTY 2023
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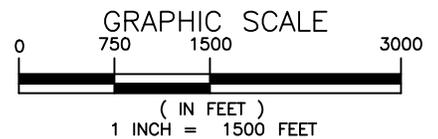
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**TAYLOR CREEK
MAINTENANCE DREDGING
AT
HARFORD COUNTY**

25-WL-1026
202561615
2/17/2026
Sheet 13 of 14



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PIPELINE LOCATION

DATE: FEBRUARY 2026 SHEET 13 OF 13

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ROBERT G. CASSILLY
Harford County Executive

ROBERT S. McCORD
Director of Administration



PAUL MAGNESS
Director of Parks & Recreation

TERENCE O. HANLEY
Deputy Director of Parks & Recreation

November 4, 2025

MDE/Water and Science Administration
Regulatory Services Section
Montgomery Park Business Center – STE 430
1800 Washington Boulevard
Baltimore, Maryland 21230-1708

25-WL-1026
202561615
2/17/2026
Sheet 14 of 14

RE: HARFORD COUNTY WATERWAY IMPROVEMENT
MARINER POINT PARK DMP SITE – GUNPOWDER RIVER & TAYLOR CREEK MAINTENANCE
DREDGING

To whom it may concern:

The Mariner Point Park Dredge Material Placement (DMP) Site located on Gunpowder River in Joppatowne, Maryland is a previously approved placement site owned and operated by the Harford County Department of Parks and Recreation. The Mariner Point Park DMP Site has been scheduled for hydraulic or mechanical dredge material placement from the Gunpowder River & Taylor Creek maintenance dredging project. This includes 10,203 LF (845,759 SF, approx. 16,472 CY), of the main channel. The current capacity of the Mariner Point Park DMP Site is approximately 44,000 cubic yards.

If there are any additional questions regarding the DMP site, please contact Chris Rager at Bayland Consultants & Designers, Inc. or myself.

Please feel free to contact my office directly with any questions, I can be reached at 410-638-3570 X7639.

Sincerely,

A handwritten signature in blue ink, appearing to read "Paul S. Magness", with a long horizontal stroke extending to the right.

Paul S. Magness, Director
Harford County Department of Parks & Recreation

PSM:rs