

CHANNEL DETAILS

SEGMENT	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)	VOLUME (CY)
A	548	50	-7.5	1267
B	400	30 - 50	-5.5	156
C	634	30	-5.0	1,774
TOTAL MAIN CHANNEL LENGTH				1,582 LF
TOTAL MAIN CHANNEL VOLUME				3197 CY
TOTAL MAIN CHANNEL AREA OF IMPACT				82,564 SF = 1.90 AC
TOTAL MAIN CHANNEL AREA OF IMPACT TO 2020 SAV				0 SF = 0.0 AC
TOTAL MAIN CHANNEL AREA OF IMPACT TO SHALLOW WATER HABITAT				9,377 SF = 0.22 AC
OVERLAPPING IMPACTS TO 2020 SAV AND SHALLOW WATER HABITAT				0 SF = 0.0 AC
COMBINED IMPACTS TO 2020 SAV AND SHALLOW WATER HABITAT*				9,377 SF = 0.22 AC

*COMBINED IMPACTS TO 2020 SAV AND SHALLOW WATER HABITAT INCLUDES THE OUTSTANDING TOTAL AREA OF IMPACTS THAT REQUIRES MITIGATION.

NOTES:

1. BASEMAP COMPILED FROM ANNE ARUNDEL COUNTY 2016 PLANIMETRICS AND 2017 IMAGERY.
2. TIDAL RANGE IS 1.0 FEET.
3. BATHYMETRY FROM BAYLAND SURVEY DATED NOVEMBER 16, 2020.
4. SOUNDINGS ARE IN FEET AND REFER TO MLW.
5. THESE ARE PERMIT DRAWINGS ONLY. DESIGN DRAWINGS WILL BE PREPARED SEPARATELY.

**DEEP CREEK HEADWATERS & COVE
CHANNEL DREDGING**

ANNE ARUNDEL COUNTY

APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

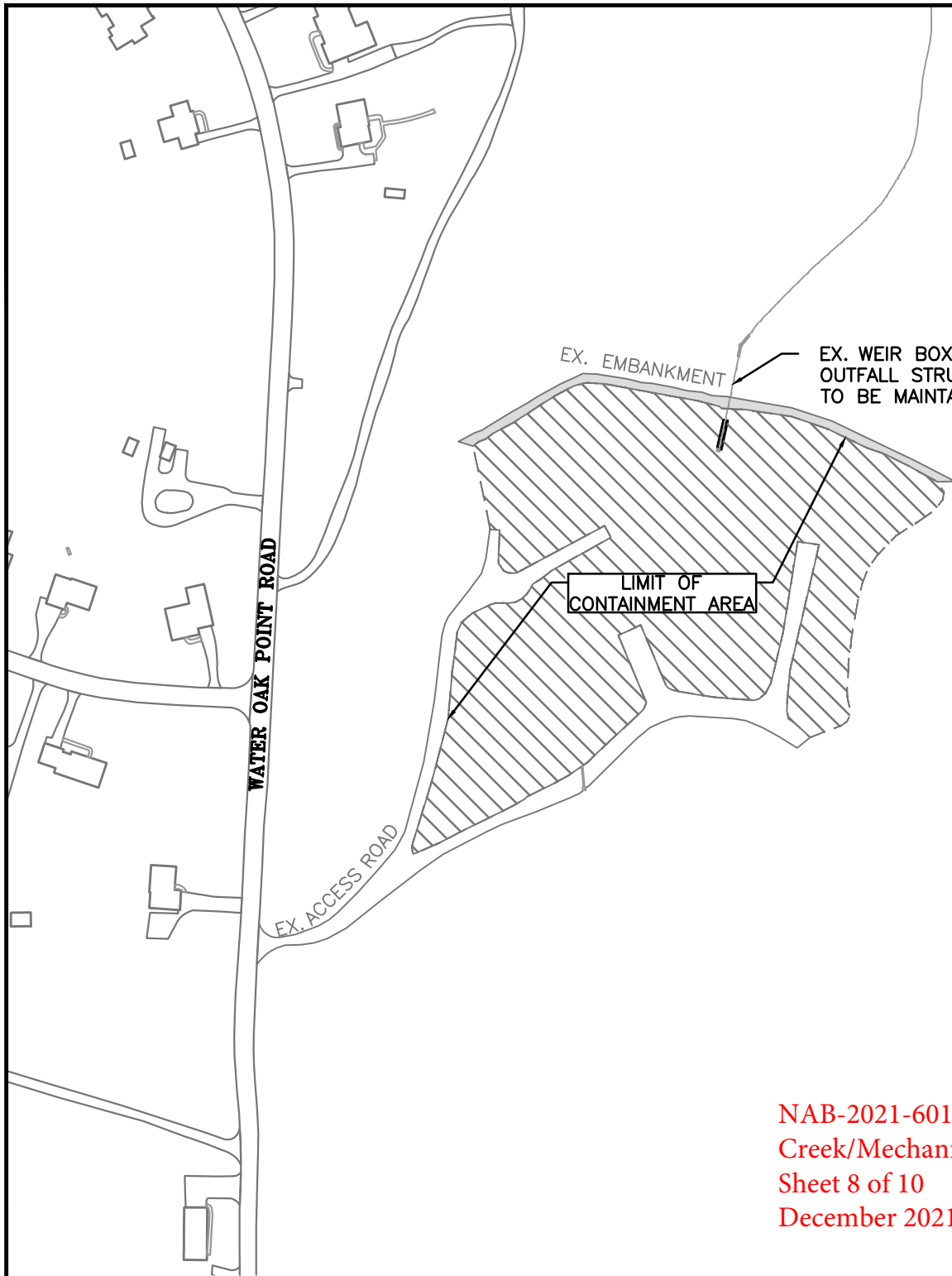
CHANNEL DETAILS

DATE REVISED: DECEMBER 2021 SHEET 7 OF 10

**NAB-2021-60146 (AA CO DPW/Deep
Creek/Mechanical Dredging)
Sheet 7 of 10
December 2021**



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NAB-2021-60146 (AA CO DPW/Deep
Creek/Mechanical Dredging)
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December 2021

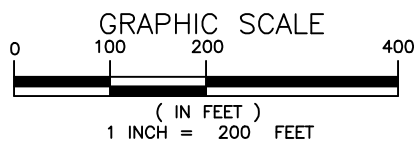
**DEEP CREEK HEADWATERS & COVE
CHANNEL DREDGING**

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ROCK CREEK DMP SITE

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NOTES:

- 1. BASEMAP COMPILED FROM ANNE ARUNDEL 2016 PLANIMETRICS AND 2017 IMAGERY.
- 2. CURRENT AVAILABLE CAPACITY: 28,000 CY



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