



# A-NPDC

ACCOMACK-NORTHAMPTON PLANNING DISTRICT COMMISSION

P.O. BOX 417 • 23372 FRONT STREET • ACCOMAC, VIRGINIA 23301

(757) 787-2936 • TOLL FREE (866) 787-3001 • FAX: (757) 787-4221

WEBSITE: [www.a-npdc.org](http://www.a-npdc.org)

## Eastern Shore Regional Navigable Waterways Committee

### Meeting Agenda

**January 18, 2024 3:00p.m.**

*Enterprise Building (A-NPDC)*

*23372 Front Street, Accomac, VA 23301*

The Eastern Shore of Virginia Regional Navigable Waterways Committee (Navigable Waterways Committee) is a bi-county committee formed in 2015 to study and plan for navigable waterway needs. The Committee shall study and advise their respective Boards on the condition and status of all navigable waterways, list and prioritize the Shore's water navigation needs, and provide possible solutions to water transport needs. The Committee is staffed by the A-NPDC to ensure regional management approach. The Committee also works closely with the United States Army Corps of Engineers to facilitate clear communication of our dredging and waterway needs.

#### Virtual Attendance:

##### For Joining via **Computer:**

1. Click this link: <https://us06web.zoom.us/j/7577872936?pwd=QTNJdmhCc3pWdVNUZ0ZWYnVjJdWpWUT09>
2. If prompted, enter the Meeting ID: 7577872936
3. If prompted, enter the Passcode: 7577872936



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### **Meeting Agenda**

1. Call to Order
2. Public Participation
3. Committee Attendance Record.....4
4. October 19, 2023 Meeting Minutes ..... 6
5. ESRNWC Projects Financial Status Report..... 11
6. October 19, 2023 Staff Report.....10
7. Kings Creek, Phase 2.....16
8. Nassawadox Creek, Phase 1B ..... 20
9. Red Bank, Folly Creek, and Upland Placement Examples..... 22
10. MPPDC/ANPDC Dual VPA WMF Proposal.....24
9. Norfolk District update for the ESRNWC - 7/20/23..... 25
10. Attachments
10. Schedule Next Meeting (April 17, 2024 @ 3pm; Enterprise Building 23372 Front Street, Accomac, VA 23301)
11. Adjourn



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## MEMORANDUM

TO: Eastern Shore Regional Navigable Waterways Committee

FROM: Kellen J. Singleton  
Interdisciplinary Planner  
Accomack-Norhampton Planning District Commission

DATE: January 18, 2024

SUBJECT: **Committee Attendance Record**

Committee Attendance Record

The FY2024 Committee Attendance Records are attached.



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### ATTENDANCE RECORD FY2024

Members	Term Exp.	07/2023	10/2023	01/2024	04/2024
<i>Accomack County</i>					
Donald Hart	6/30/2025				
William J. "Billy" Tarr	6/30/2025		X		
John Tavolaro	6/30/2023	X	X		
George "Danny" Bowden	6/30/2023		X		
Brenden Kettner	6/30/2026	-	X		
<i>Northampton County</i>					
John Coker	6/8/2024		X		
Dixon Leatherbury	6/8/2024				
J.T. Holland	6/8/2024	X			
Andy Dunton, Chair	6/8/2024	X	X		
Robert Harris	6/8/2024	X	X		
<i>Non-Voting Ex-Officio Members</i>					
Kellen Singleton		X	X		
Vacant					
	- Not a Member		X	Member Present	
	* No Meeting Held		NA	Not Applicable	
	( ) Alternate Present				



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MEMORANDUM

TO: Eastern Shore Regional Navigable Waterways Committee

FROM: Kellen J. Singleton  
Interdisciplinary Planner  
Accomack-Northampton Planning District Commission

DATE: January 18, 2024

SUBJECT: **October 19, 2023 Meeting Minutes**

**Please see the attached October 19, 2023 Meeting Minutes for approval.**

**Approval from the Eastern Shore Regional Navigable Waterways Committee is requested to accept the Meeting Minutes.**



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### Eastern Shore Regional Navigable Waterway Committee

#### ESRNWC October 19, 2023 Minutes

A meeting of the Eastern Shore Regional Navigable Waterways Committee was held on the 19<sup>th</sup> day of October, 2023 at 3:00 p.m. at The Enterprise Building, A-NPDC, 23372 Front Street, Accomac, VA 23301.

#### Members Present:

##### Accomack

William "Billy" J. Tarr  
John Tavolaro  
Danny Bowden  
Brenden Kettner

##### Northampton

Andy Dunton, Chair  
John Coker  
Robert Harris

#### Members Absent

Donald Hart  
Dixon Leatherbury  
JT Holland

#### Others Present:

Kellen Singleton, A-NPDC  
Anne Doyle, A-NPDC  
John Joeckel, SEAConsult\*  
Kim Huskey, Cherrystone Aqua Farms\*

\*Participated via the Zoom platform or conference call for facilitation & presentation purposes.



### Eastern Shore Regional Navigable Waterway Committee

1. **Call to Order:**

Chairman Dunton called the meeting to order at 3:00 p.m. Chmn. Dunton recapped the mission and purpose of the ESRNWC. Chmn. Dunton updated the group on the Kings Creek Dredging and Beneficial Use Project noting the professionalism and responsiveness of the contractor, Michels Construction Inc., adding that the dredge material placement appears well executed. Mem. Coker elucidated that the Town of Cape Charles was happy and satisfied with the communication and project progress.

2. **Public Comment**

Ms. Huskey expressed appreciation for the ESRNWC, staff, and contractors for work and had no concerns adding that the project was going smoothly.

Mr. Joeckel updated the group that \$5M has not been targeted, dispensed and advised committee to follow up with Port Authority, Delegate Rob Bloxom noting it was first com first serve.

Mem. Tavolaro advised consideration of regional placement site noting that other regions and jurisdictions have similar sites adding that property identification and permitting would be critical. The group discussed available funds and spoil site options for current projects.

Mr. Singleton made aware to the group DWR and FWS interest expressed at August 19<sup>th</sup> Virginia Eastern Shore Conservation Alliance (VESCA) meeting. Members advised staff to continue conversation with DWR and FWS staff concerning beneficial use options. The group discussed current erosion threats to the region.

3. **Minutes of July 20, 2023**

The group discussed upcoming committee meetings on schedule. Mem. Tarr advised the committee to reschedule July quarterly meeting to third Thursday of June due to commercial season.

Mem. Tavolaro recommended the development public drive to access important documents in during interim periods. Staff will explore information and document access options.

The draft minutes of the July 20, 2023 Meeting was presented.

**Mem. Harris moved to approve the minutes as presented. Seconded by Mem. Harris, the motion carried with Mems. Coker and Tavolaro abstaining.**



### Eastern Shore Regional Navigable Waterway Committee

#### 4. Projects Financial Status Report

In an effort to improve transparency, input, and funding management staff informed the committee that future updates will include Projects Financial Status Report.

On November 1st ANPDC Planning and Administrative Staff will meet with Melissa Fularon Director, Grant Programs at The Port of Virginia to discuss project funding and administrative details.

Staff requested committee members input on future details of the Projects Financial Status Report and any questions they may have for Dir. Fularon.

The group discussed funding availability and eligible expenses.

#### 5. Staff Report

Staff welcomed Mr. Kettner to the Eastern Shore Regional Navigable Waterways Committee. Following Closed Session discussion: On a motion made by Mr. Tarr and seconded by Mr. Hart, the Accomack County Board of Supervisors voted to appoint Mr. Brenden J. Kettner to fill the vacancy created by the resignation of Mr. John Joeckel. This term will commence immediately and expire on June 30, 2026.

Staff updated the Kings Creek, Phase 2, Nassawadox Creek, Phase 1B, Nassawadox Creek, Phase 2, Red Bank Creek, Phase 1B, and Folly Creek, Phase 1B

Staff updated the committee on the progress of Kings Creek, Phase 2 was awarded to Michels Marine with proposal coming in at \$1.494M

Construction was awarded to Michels Marine with proposal coming in at \$1.494M. Michels Construction, Inc. and Northampton County finalized an August 17, 2023 Contract of Execution agreement to render construction services relating to Phase Two of the Kings Creek Project.

On September 7, 2023 a Pre-Dredging Conference was held at the Town of Cape Charles Civic Center, 500 Tazewell Ave, Cape Charles, VA 23310. Attending: Michels Construction, Inc.:

Ross Johnson, Regional Manager; Hayden Robertson, Project Engineer; Andrew England, Project Superintendent. Northampton County and Region: Charles Kolakowski, County Administrator; Andy Dunton, Eastern Shore Regional Navigable Waterways Committee; Kellen Singleton, A-NPDC; Anne Doyle, A-NPDC. Town of Cape Charles: Adam Charney, Mayor; John Coker, Chair, Board of Supervisors; John Hozey, Town Manager; Ralph Bowen, Public Works Director; Bob Panek, Project Manager. Stakeholders: Tim Rapine, Cherrystone Aquafarm; Niel Gyllwg, Oyster Farm; Mike Maddox, Oyster Farm; Matt Losingier, USCG Cape Charles Station; Bill Parr, Parr Properties.

The Notice to Proceed and subsequent mobilization commenced September 7.





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### Eastern Shore Regional Navigable Waterway Committee

On September 11, 2023 a Regulatory Pre-Dredging Conference was held at project site. Attending: Michels Construction, Inc.: Hayden Robertson, Project Engineer; Waterways Surveys: Tracy Quast, Vice President Rebecca Francese, Sr. Environmental Scientist; VMRC: Claire Gorman, Environmental Engineer; Northampton County and Region: Kellen Singleton, A-NPDC. Material dredging and beneficial use placement was initiated September 28. Construction completion is scheduled for November 17. Demobilization is scheduled to begin November 20 and finalize December 1. The Town of Cape Charles, Michels Construction, and ANPDC staff have begun holding weekly on-site meetings on Thursday at 10AM open to interested stakeholders.

Staff informed the group that Moffatt and Nichol have completed and submitted project JPA, signed off by Northampton County. DEQ has provided waiver letter. VMRC has assigned number, #23-2155 with Claire Gorman in assignment. The USACE has acknowledged receipt, NAO-2007-02923-gdt (07-V0792, 23-V2155) (County of Northampton / Nassawadox Creek Channel Dredge / Northampton). The POC is Taylor Hollingsworth. Representatives from Moffatt and Nichol, VIMS, VMRC, USACE and ANPDC will meet October 19 to discuss JPA and project details.

Staff updated the group on Nassawadox Creek, Phase 2 and award. Next steps include the completion of Phase 1B and scope and RFP development. The committee discussed temporal and regulatory limitations to segway with Kings Creek effort.

Staff updated the group on Red Bank Creek, Phase 1B. Discussions are ongoing with APO TNC regarding collaboration to beneficially utilize materials in habitat build-up for migratory nesting birds. Geodynamics is scheduled to survey Red Bank's Connector (all by boat). GET will perform gradation tests and perform vibracores (agriculture) pending APO interest.

Staff updated the group on ongoing discussions with subject matter experts & consultants regarding potential beneficial use of material for building up agricultural lands concerning Folly Creek, Phase 1B. GET will perform vibracores (agriculture) pending APO interest.

Staff updated the committee on the monthly project team check-ins occurring the first Wednesday (Folly, Red Bank, and Nassawadox) and third Tuesday (Kings Creek). These will include the consultants and occur monthly during active project times.



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### Eastern Shore Regional Navigable Waterway Committee

6. **Business:**

Ms. Doyle informed the committee that after meeting with Moffatt and Nichol, VIMS, VMRC, USACE that effort would require an Individual Permit.

Mem. Tavolaro further explained that agency's approach is to hedge expectations. Adding that the Nassawadox effort would be comparable to Kings Creek in expense and tonnage.

Chmn. Dunton noted that the Red Bank connector construction is integral to efficacy of effort noting the significant expense and need for placement site.

Material placement and alternative dredging material uses were discussed. Placement remains most significant barrier to dredging efforts.

Staff will provide volume and acreage info for upland placement options.

Mem. Tarr will reach out to farmers and county administrator concerning material placement.

The committee noted that collaboration with both counties to identify upland placement would be essential including the any acquisitions

*Adjourn –*

The meeting adjourned at 4:12PM.

-----  
Andy Dunton, Chair

-----  
Kellen Singleton, Secretary

-----  
Date



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### MEMORANDUM

TO: Eastern Shore Regional Navigable Waterways Committee

FROM: Kellen Singleton  
Interdisciplinary Planner  
Accomack-Northampton Planning District Commission

DATE: January 18, 2024

SUBJECT: **ESRNWC Projects Financial Status Report**

On November 1<sup>st</sup> ANPDC Planning and Administrative Staff met with Melissa Fularon Director, Grant Programs at The Port of Virginia to discuss project funding and administrative details. The following is an account of the current project budgets provided:

#### **FY22 Funding Transfers**

##### **FY22 Kings Creek**

FY22 Starting Balance (as of 06.30.23)	\$	815,739.71
Transfer FY20 Quinby Phase 1A Balance	\$	30,918.48
Transfer FY20 Kings Phase1 Balance	\$	67,699.34
Transfer FY21 Hungars Phase 1A Balance	\$	9,314.07
Transfer FY21 Wachapreague Phase 1A Balance	\$	125,536.93
Transfer FY22Hungars Phase 1B Balance	\$	103,000.00
FY24 WMF Allocation	\$	1,250,000.00
<b>TOTAL</b>	<b>\$</b>	<b>2,402,208.53</b>

##### **FY22 Red Bank**

FY22 Starting Balance (as of 06.30.2023)	\$	95,154.21
Transfer FY21 Red Bank Phase 1A Balance	\$	24,277.57
<b>TOTAL</b>	<b>\$</b>	<b>119,431.78</b>

##### **FY22 Nassawadox**

FY22 Starting balance (as of 06.30.2023)	\$	95,254.51
Transfer FY21 Hungars Phase 1A Balance	\$	11,060.00
Transfer FY21 Nassawadox Phase1A Balance	\$	3,945.32
FY24 WMF Allocation	\$	2,150,000.00
<b>TOTAL</b>	<b>\$</b>	<b>2,260,259.83</b>



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### FY22 Folly Creek

FY22 Starting balance (as of 06.30.23)	\$	95,685.33
Transfer FY21 Folly Phase 1A Balance	\$	11,278.94
<b>TOTAL</b>	<b>\$</b>	<b>106,964.27</b>

#### Notes:

- The same project does not need a resolution.
- Letter from county is needed for fund transfer request.
- February/March VPA presentation of WMF needs with final application due March 1.
- VPA BOC meeting resolution in May.
- The state's current budget puts \$5 million toward dredging projects in the counties of Accomack, Gloucester, Middlesex, Northampton and Mathews, as well as projects undertaken through the Middle Peninsula Municipal Dredging Program.



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MEMORANDUM

TO: Eastern Shore Regional Navigable Waterways Committee

FROM: Kellen J. Singleton  
Interdisciplinary Planner  
Accomack-Northampton Planning District Commission

DATE: January 18, 2024

SUBJECT: **January 18, 2024 Staff Report**

**Project Updates**

**Kings Creek, Phase 2 [VPA FY22]**

- Dredging and beneficial use placement began September 28. The Kings Creek Phase 2 project construction was completed on schedule November 2.
- The total material removed was 22,888 cubic yards (22,228 cubic yards payable) that was utilized to restore the Cape Charles Public Beach. Following AD surveys by Michel's Construction, Inc. and Waterway Surveys & Engineering, Ltd.
- A review and acceptance meeting between staff, project engineers, ESRNWC members, Northampton County and Cape Charles officials, was held November 8 at which Michel's Construction, Inc. was commended for their work.
- Michel's has completed their demobilization from the project site. \$1,389,016.00 was invoiced for the construction.
- The project is being closed out.

Please see Memo: Kings Creek, Phase 2

**Nassawadox Creek, Phase 1B [VPA FY22]**

- Moffat and Nichol have completed and submitted project JPA, signed off by Northampton County.
- DEQ has provided waiver letter. VMRC has assigned number, #23-2155. Claire Gorman in assignment.
- The USACE has acknowledged receipt, NAO-2007-02923-gdt (07-V0792, 23-V2155) (County of Northampton / Nassawadox Creek Channel Dredge / Northampton). POC is Taylor Hollingsworth
- USACE has found that the current design does not meet the terms and conditions of any General Permit available for use within Virginia. Additional information has been provided for the first step of Individual Permit evaluation which is Corps issuance of a public notice.
- Based on berm characteristics and bottom sediment sampling VIMS and VMRC disagree with characterizing the proposed overboard disposal as beneficial use as there is no appreciable difference between what is proposed here and typical overboard disposal.

**Next Steps:**

1. GET has been reached for an estimate of additional sediment data (\$11k)



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2. Beach nourishment and upland placement are additional DMMP considerations.  
Please see Memo: Nassawadox Creek JPA Submittal

### **Nassawadox Creek, Phase 2 [VPA FY24\*]**

- Awarded \$2.15M\* from VPA WMF FY24\*

#### **Next Steps:**

1. Complete Phase 1B
2. Begin developing scope and RFP for Phase 2

\*Please note corrected figures from previous Staff Reports

### **Red Bank Creek, Phase 1B [VPA FY22]**

- Discussions ongoing with APO TNC regarding collaboration to beneficially utilize materials in habitat build-up for migratory nesting birds

#### **Next Steps:**

1. GET will perform vibracores (agriculture) pending APO interest

### **Folly Creek, Phase 1B [VPA FY22]**

- Discussions ongoing with subject matter experts & consultants regarding potential beneficial use of material for building up agricultural lands

#### **Next Steps:**

1. GET will perform vibracores (agriculture) pending APO interest

### **Project Check-Ins**

1. Red Bank/Nassawadox/Folly Project Check ins: first Wednesdays of the month at 3PM
2. HOW TO JOIN (same for both project check ins & same each month)

- **Join Zoom Meeting**

<https://us06web.zoom.us/j/89457025520?pwd=Q1ErS0xVQ2R4L1BSL0JqQnBmVDBmUT09>

**Meeting ID:** 894 5702 5520

**Passcode:** 7577872936

#### **Call In to Zoom Meeting**

Call: 1-646-558-8656

Upon prompt, enter Meeting ID: 89457025520#

Upon prompt, enter Passcode: \*7577872936#



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## **Water Resource Development Act (WRDA)**

The Water Resources Development Act (WRDA) is a comprehensive water resources infrastructure development bill successfully enacted, on a bipartisan basis, in each of the last five Congresses. Specifically, WRDA authorizes studies and projects within the United States Army Corps of Engineers (Corps) Civil Works mission areas, including navigation, flood damage reduction, hurricane and storm damage reduction, shoreline protection, and ecosystem restoration. These projects originate at the local level and go through a rigorous vetting process before they may be considered for inclusion in WRDA. For more information, please visit the House Transportation & Infrastructure Committee's WRDA website [here](#).

Please note that the Water Resources Development Act of 2024 submissions have been extended through Friday, January 26, 2024, at 11:59 PM. The link to the [portal](#) will be reopened. Submissions should be submitted as soon as possible to allow our staff to review the submissions and work with the Committee.



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## MEMORANDUM

TO: Eastern Shore Regional Navigable Waterways Committee

FROM: Kellen J. Singleton  
Interdisciplinary Planner  
Accomack-Northampton Planning District Commission

DATE: January 18, 2024

SUBJECT: **Kings Creek, Phase 2**

### **Kings Creek Implementation**

Dredging and beneficial use placement began September 28. The Kings Creek Phase 2 project construction was completed on schedule November 2. The total material removed was 22,888 cubic yards (22,228 cubic yards payable) that was utilized to restore the Cape Charles Public Beach. Following AD surveys by Michel's Construction, Inc. and Waterway Surveys & Engineering, Ltd.

A review and acceptance meeting between staff, project engineers, ESRNWC members, Northampton County and Cape Charles officials, was held November 8 at which Michel's Construction, Inc. was commended for their work. Michel's has completed their demobilization from the project site. \$1,389,016.00 was invoiced for the construction. The project is being closed out.

Please find the, After Dredging (AD) survey of the Kings Creek Channel, the Post Dredge Volume Report, and Kings Creek Beach Post Dredge Topographic Contour Chart below.





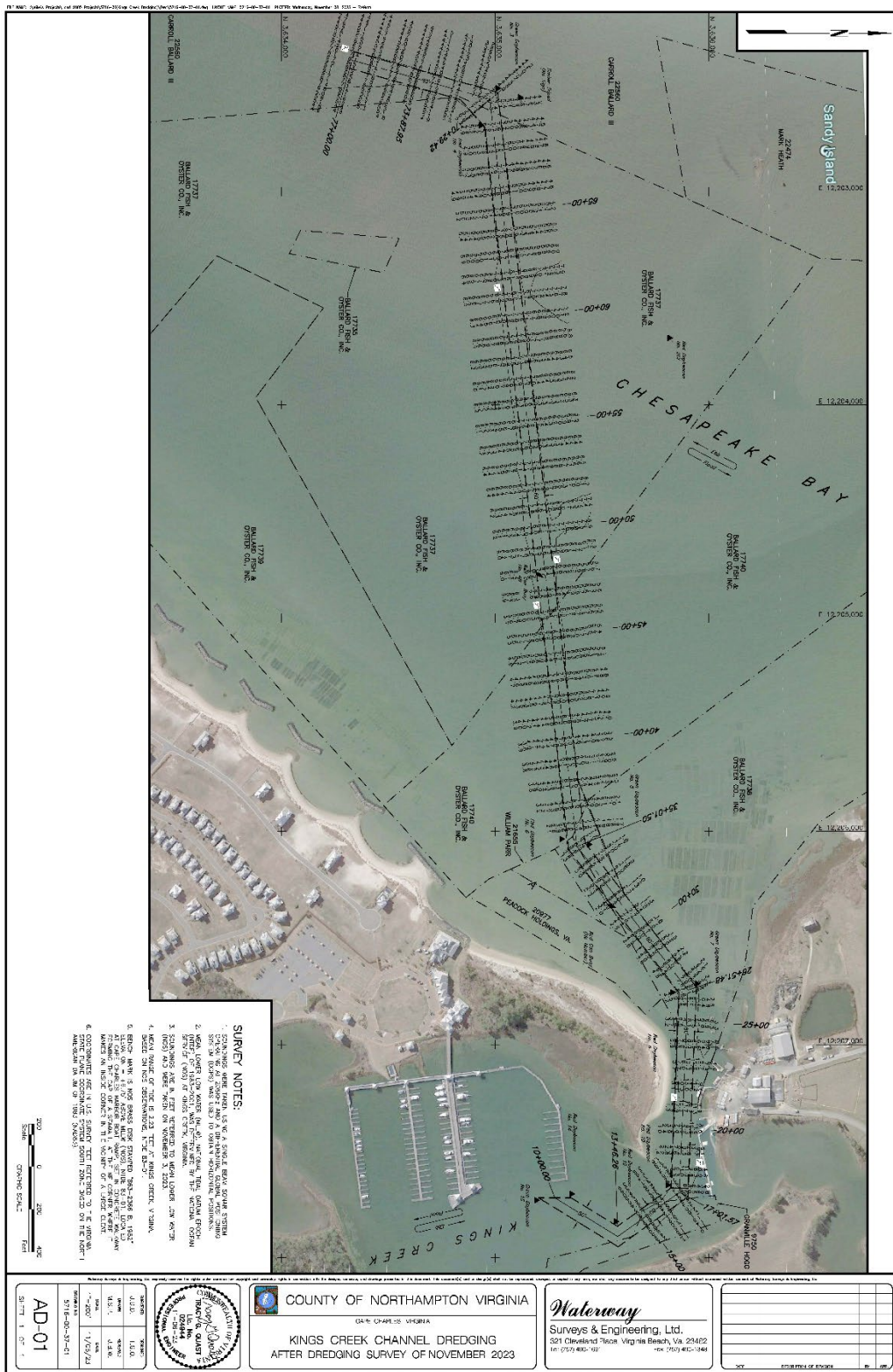
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**SURVEY NOTES:**

1. THIS SURVEY WAS CONDUCTED IN ACCORDANCE WITH THE SURVEYING ACT OF 1968 AND THE SURVEYING REGULATIONS OF THE BOARD OF SURVEYING AND MAPPING, VIRGINIA.
2. THE SURVEY WAS CONDUCTED ON NOVEMBER 3, 2023.
3. THE SURVEY WAS CONDUCTED BY THE SURVEYING ENGINEER, WATERWAY SURVEYS & ENGINEERING, LTD., AND THE SURVEYING ENGINEER, COUNTY OF NORTHAMPTON, VIRGINIA.
4. THE SURVEY WAS CONDUCTED BY THE SURVEYING ENGINEER, WATERWAY SURVEYS & ENGINEERING, LTD., AND THE SURVEYING ENGINEER, COUNTY OF NORTHAMPTON, VIRGINIA.
5. THE SURVEY WAS CONDUCTED BY THE SURVEYING ENGINEER, WATERWAY SURVEYS & ENGINEERING, LTD., AND THE SURVEYING ENGINEER, COUNTY OF NORTHAMPTON, VIRGINIA.
6. THE SURVEY WAS CONDUCTED BY THE SURVEYING ENGINEER, WATERWAY SURVEYS & ENGINEERING, LTD., AND THE SURVEYING ENGINEER, COUNTY OF NORTHAMPTON, VIRGINIA.



AD-01  
SHEET 1 OF 1



COUNTY OF NORTHAMPTON VIRGINIA  
 DEPT. OF PUBLIC WORKS  
 KINGS CREEK CHANNEL DREDGING  
 AFTER DREDGING SURVEY OF NOVEMBER 2023

**Waterway**  
 Surveys & Engineering, Ltd.  
 321 Cleveland Beach Virginia Beach, Va 23422  
 Tel: 757-483-1800 Fax: 757-483-1801

NO.	DESCRIPTION OF CHANGE	DATE





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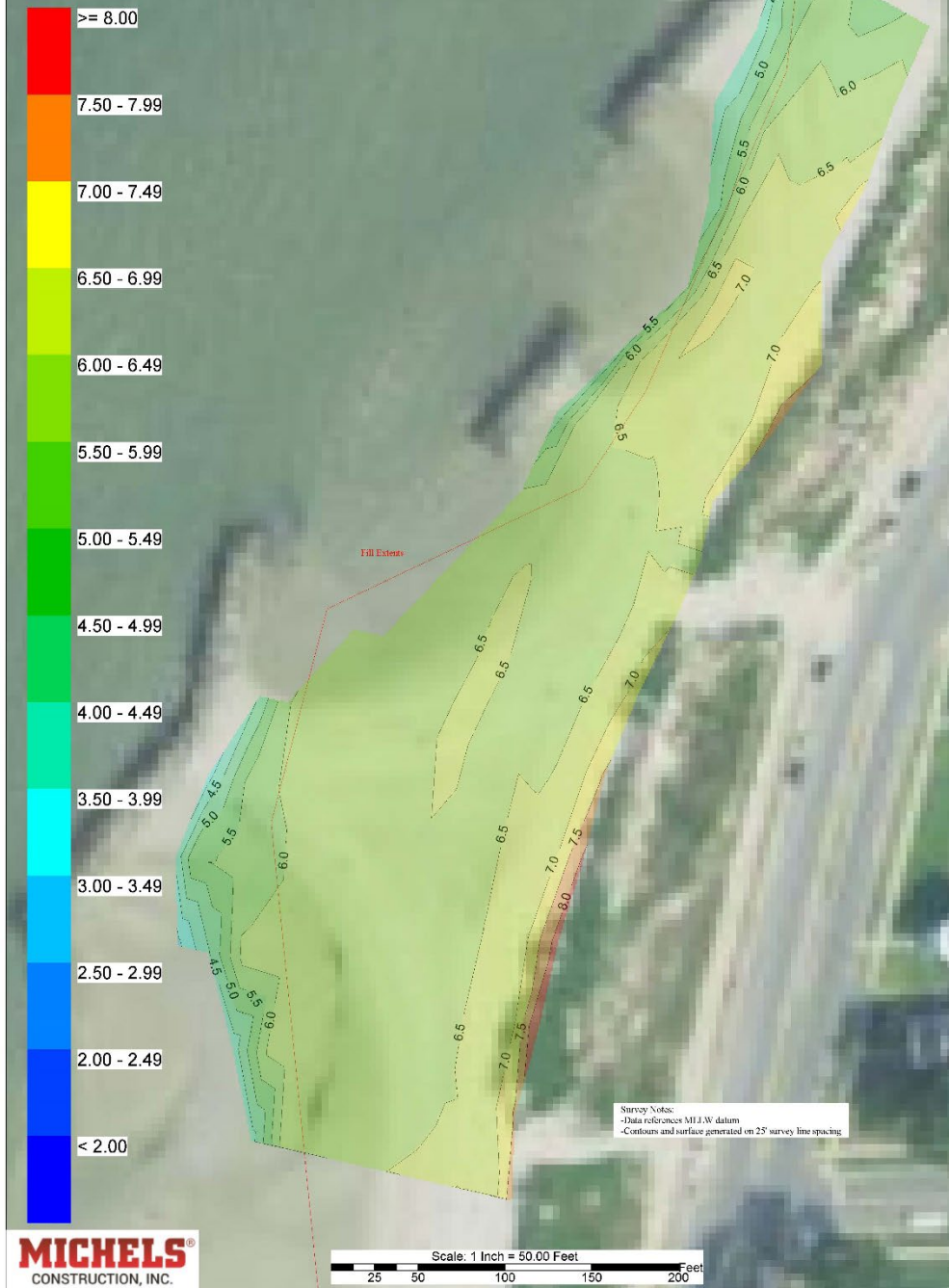
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## 20231101 Kings Creek Beach Post Dredge Topographic Contour Chart





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MEMORANDUM

TO: Eastern Shore Regional Navigable Waterways Committee

FROM: Kellen J. Singleton  
Interdisciplinary Planner  
Accomack-Norhampton Planning District Commission

DATE: January 18, 2024

SUBJECT: **Nassawadox Creek, Phase 1B**

**Nassawadox Creek JPA Submittal**

- VMRC is not in favor of the nearshore berm and has expressed hesitation despite material size.
- Beach fill option – if a site was available VMRC would expect more gradation data (GET has been reached for cost of additional samples).
- Beach fill –beneficial use on private property is a state concern.
- Upland is the most permissible option. The upland site does not need to be specified in the permit, but by the pre-dredge meeting (that would include VMRC) the site needs to be known.
- Upland site –if moving forward the transfer site would need to be discussed. This would need to be shown in permit and bid docs, and include any shoreline impacts or additional dredging if necessary.

Please find VIMS letter below to Ms. Gorman, VMRC, addressing proposal.



# A-NPDC

## ACCOMACK-NORTHAMPTON PLANNING DISTRICT COMMISSION

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**VIMS** | WILLIAM & MARY

VIRGINIA INSTITUTE OF MARINE SCIENCE

*Office of Research and Advisory Services*

13 December 2023

Ms. Claire Gorman  
Environmental Engineer  
Virginia Marine Resources Commission  
380 Fenwick Road, Bldg. 96  
Fort Monroe, VA 23651

Dear Ms. Gorman:

We have reviewed the application by Northampton County to dredge the approach to Nassawadox Creek (VMRC #23-2155). The proposed dredging includes both maintenance and new dredging with dredged material hydraulically pumped or mechanically placed to the south in an overboard placement area. The application describes the resulting material as an offshore berm that will act as a source of sediment both cross- and along-shore and therefore is should be considered beneficial use. There are submerged aquatic vegetation (SAV) beds near the project area at the mouth of the creek and along the shoreline landward of the proposed placement area that are not anticipated to be directly impacted by the project.

We disagree with characterizing the proposed overboard disposal as beneficial use as there is no appreciable difference between what is proposed here and typical overboard disposal. The “berm” is not proposed as an engineered shape and the placement area depicted in the plan-view drawings is sized to account for future dredge cycles. Additionally, based on bottom sediment samples taken near the proposed dredge and placement areas, the dredged sediment is predominantly fine sand with silt and clay mixed in. The samples closest to and inshore of the placement area all have a median grain size coarser than those of the dredge area samples and are predominantly medium sand with fine sand mixed in. The high proportions of fine sediment in the dredged material makes it unsuitable for beach nourishment and will result in increased turbidity in and proximal to the placement area if deposited overboard. The material could be suitable for beneficial use in a properly designed marsh project where fine sediment would be appropriate. If such a project is not found or practicable, we recommend upland disposal.

Please let me know if you have any questions or require additional information.

Sincerely,

Emily Hein  
Assistant Director for Advisory Services



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## MEMORANDUM

TO: Eastern Shore Regional Navigable Waterways Committee

FROM: Kellen J. Singleton  
Interdisciplinary Planner  
Accomack-Norhampton Planning District Commission

DATE: January 18, 2024

SUBJECT: **Red Bank, Folly Creek, and Upland Placement Examples**

### **Red Bank, Folly Creek, and Upland Placement Examples**

#### **Red Bank:**

- Update Volume Cals (40' Wide, -6' + 1' OD)
- Original Red Bank: 25,000 CYs ~13,000 LF
- Connector: 57,000 CYs (~7,600 LF) 41,000 CYs to (-5+1')
- DMMP Considerations:
  - Upland – size site needed
  - Agriculture Application –
  - Private – none known
  - TNC – The Hammocks – to be developed into concept
- Open Bay
  - Option 1 – new site
  - Option 2 – USACE North Channel Site

#### **Folly Creek:**

- DMMP Considerations
  - Agriculture Application – Private
  - Thin Lift Placement
  - Upland
  - Open Bay
- Next Steps:
  - Develop upland concept –size of area.
  - Land owner discussion/coordination – agricultural testing – Jan Newcombe
  - Mark Reiter follow up



## Example Upland Placement –

Accomack County Landfill, for concept only to demonstrate 5 acres.

**DRAFT**

- 5 Acre Site
  - 30,000 CYs (like Folly), would need for fill ~4 feet
  - 82,000 CYs, Red Bank with the Connector, fill ~10+ feet

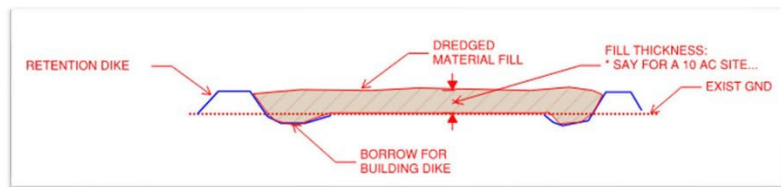
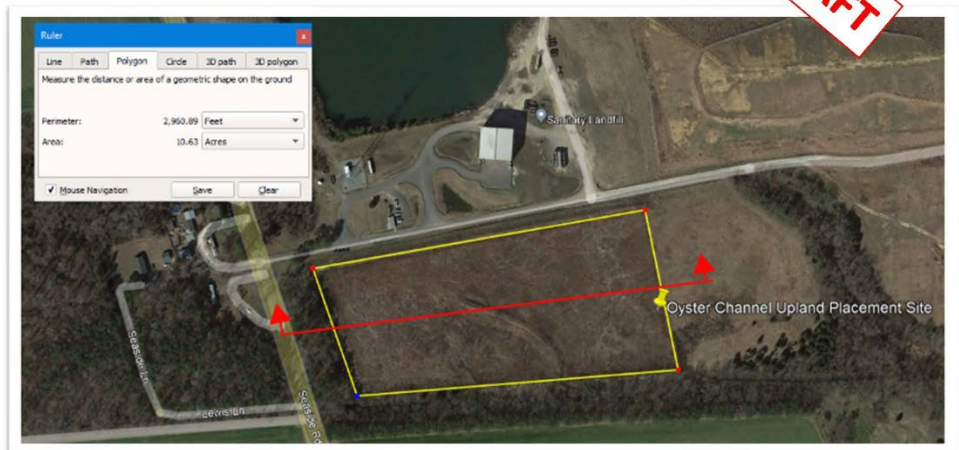


## Example Upland Placement –

Oyster Creek Channel Upland Placement Area, for concept only to demonstrate 10-Acre site.

**DRAFT**

- 10 Acre Site
  - 30,000 CYs (like Folly), would need for fill ~2 feet
  - 82,000 CYs, Red Bank with the Connector, fill ~5+ feet





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## MEMORANDUM

TO: Eastern Shore Regional Navigable Waterways Committee

FROM: Kellen J. Singleton  
Interdisciplinary Planner  
Accomack-Norhampton Planning District Commission

DATE: January 18, 2024

SUBJECT: **MPPDC/ANPDC Dual VPA WMF Proposal**

### **MPPDC/ANPDC Dual VPA WMF Proposal**

DMMP remains a significant barrier to regional dredging efforts. Curtis Smith Dept Dir, MPPC presents framework of proposal that would create a MPPDC master plan and separate ANPDC master plan with funds for each region to purchase/lease and develop placement sites and explore beneficial use options.





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MEMORANDUM

TO: Eastern Shore Regional Navigable Waterways Committee

FROM: Mike Anderson, P.E.  
Chief, Design Section  
Operations Branch, Water Resources Division, Norfolk District

DATE: January 18, 2024

SUBJECT: **Norfolk District update for the ESRNWC - 7/20/23**

**Norfolk District update for the ESRNWC - 7/20/23**

**Please see below Norfolk District update for the ESRNWC - 7/20/23, presented July, 20. Staff will provide an updated version to committee members.**



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### CORPS OF ENGINEERS NORFOLK DISTRICT

#### Eastern Shore Regional Navigable Waterways Committee

Status Update for 20 April 2023

#### Norfolk District Civil Works Program updates on Projects currently under development

##### **Chincoteague Inlet Federal Navigation Project:**

Chincoteague Inlet received \$3,375,000 in FY2023 Congressional appropriations.

Maintenance dredging utilizing the dredge Murden concluded on January 27, 2023, removing approximately 9,000 cubic yards from the inner channel alignment with dredged material placement into the authorized nearshore zone off Wallops Island.

Project appropriations will be used for a full scope maintenance dredging contract including portions of the inner channel and outer bar to project authorized depths. The Corps will continue its collaboration with the U.S. Fish and Wildlife Service, National Park Service and Chincoteague National Wildlife Refuge to beneficially place suitable material at one their designated restoration sites surrounding Toms Cove.

##### **Chincoteague Harbor of Refuge Federal Navigation Project:**

Chincoteague Harbor of Refuge received \$250,000 in FY2023 Congressional appropriations.

Maintenance dredging utilizing the dredge Murden is scheduled to occur in FY 2023 with the first event concluding in January 2023, removing approximately 1,000 cubic yards from the harbor's entrance channel. Safe navigable depths were restored in advance of the upcoming boating season.

##### **Quinby Channel Federal Navigation Project:**

Quinby Channel was a donor of a reprogramming action in FY2022 for \$128,000 and received \$2,917,000 in FY2023 Congressional appropriations.

The NAO project team and ERDC continue working together to determine if the Peeler Point overboard site is a dispersive or non-dispersive source of dredged sediments redepositing into the Quinby navigation channel. Study deliverables will include a dredge material management plan to help identify environmentally acceptable methods for containing unconfined placement of dredged material in advance of the next dredging cycle.

FY2023 appropriations will be used for a full scope maintenance dredging contract of the Quinby landing and access channel to restore the project to maintained depths.

##### **Waterway on the Coast of Virginia (WCV) Federal Navigation Project:**

WCV received \$4,975,000 in FY2023 Congressional appropriations.

The USCG, Sector Virginia has recently indicated to the Norfolk District that it is becoming increasingly difficult to get Coast Guard Station boats in and out of Station Wachapreague. The unit is only able to get in and out at high tides.

The Eastern Shore Regional Navigable Waterways Committee (ESRNWC) has requested that the District perform condition surveys of Lewis Creek, Bradford Bay, and Chesapeake Bay to



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### CORPS OF ENGINEERS NORFOLK DISTRICT

#### Eastern Shore Regional Navigable Waterways Committee

Status Update for 20 April 2023

Magothy Bay and Magothy Bay to determine how best to utilize the FY 23 appropriated funding in support of maintenance dredging. Those surveys are currently scheduled to be accomplished by May of 2023.

Based on current shoaling conditions within Wachapreague, Bradford Bay & Finney Creek, priority of project funds will go to restoring navigation at Wachapreague to support the USCG mission at Station Wachapreague. The Norfolk District is showing capability to execute maintenance dredging in two different locations on the WCV. Mapping will be provided to the ESRNWC once available for prioritizing the second maintenance dredging location within the WCV Federal project.

#### **Tangier Channels Federal Navigation Project:**

The Project received \$2,884,000 in FY2023 Congressional appropriations. These funds will be utilized for a fully scoped maintenance dredging contract.

\$500,000 in FY2022 Work Plan funds are being utilized for maintenance dredging with Government Plant. The Special Purpose dredge Murden mobilized to the island and commenced dredging of the Eastern Channel on 06 April 2023 with placement at the nearshore placement site northwest of Uppards. Dredging is expected to conclude on or about 16 April 2023.

The Baltimore Harbor and Channels Civil Works O&M project received \$300,000 in FY2023 Congressional appropriations to evaluate beneficial use of dredged material at Tangier Island, VA. A team will be developed with expertise in beneficial use of dredged material within the North Atlantic Division, and a kick-off meeting is currently being scheduled. As part of the process, the ESRNWC and Town of Tangier Island, VA will be asked to participate and provide input. The \$300,000 will be used to initiate design, and environmental coordination. The Norfolk District is currently showing capability for an additional \$500,000 in FY 2024 to finalize designs, environmental authorizations, plans, and specifications leading to a contract to build a placement site infrastructure that would serve to receive dredged material but also provide stability to portions of the Northwestern shoreline of Tangier Island, VA.

A Virginia Marine Resources Commission (VMRC) permit authorizing overboard placement of dredged material at Tangier Island was executed on 14 November 2022.

#### **Little Machipongo River Federal Navigation Project:**

Little Machipongo River received \$2,200,000 in FY2023 Congressional appropriations.

These funds will be used to evaluate the Government furnished placement site, initiate field evaluations, perform design, environmental coordination, and authorizations, plans and specifications, solicitation, and contract award.



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### CORPS OF ENGINEERS NORFOLK DISTRICT

#### Eastern Shore Regional Navigable Waterways Committee

Status Update for 20 April 2023

#### **Cedar Island, CAP, Section 204, Beneficial Uses of Dredged Material:**

The purpose of the project is to beneficially use the dredged material from the Finney Creek Channel and the Bradford Bay Channel for enhancement, expansion, and protection of the Cedar Island back-barrier shoreline wetlands and marsh islands. The thin-layer spraying will be done via a hydraulic cutterhead dredge equipped with a pipeline that will spray the material from the Federal navigation sites. Total Project costs are estimated at \$11,258,000, which are to be cost shared on a 65 percent Federal and 35 percent non-Federal basis. The USACE NAD concurred with the Norfolk District's recommendation on 24 October 2019 concluding the feasibility phase of the project. Next phase is design and implementation phase, which requires a non-Federal Sponsor.

On 27 March 2023, the Norfolk District addressed the lack of Project sponsorship during the recent Project Delivery Board for the Continuing Authority Program. VMRC has indicated they are currently not interested in sponsoring the Project. District leadership suggested that the District engage other state agencies (Virginia Department of Wildlife Resources and the Virginia Department of Conservation and Recreation). The District is following up with staff at those agencies to identify a potential path forward. A non-Federal sponsor and Letter of Intent is required for the District to show capability to initiate the design and implementation phase.

#### **General Investigation Studies:**

Chincoteague Island, Chincoteague, VA Flood Risk Management General Investigations (GI) Feasibility Study. Study authority is provided by Section 1201(27) of the Water Infrastructure Improvements for the Nation Act of 2016 (Public Law 114-322) which states (27) CHINCOTEAGUE ISLAND, VIRGINIA. Project for hurricane and storm damage reduction, navigation, and ecosystem restoration, Chincoteague Island, Virginia. The town of Chincoteague is the non-Federal sponsor, has provided a letter of support and has secured a cost share. The Norfolk District continues to submit the feasibility study for budget consideration. The district received an updated letter of intent in support of the study dated 27 March 2023, from Chincoteague Town Manager Michael T. Tolbert.

Tangier Island, VA Aquatic Ecosystem Restoration GI Feasibility. Study authority is provided by Section 1201 under America's Water Infrastructure Act of 2018 to evaluate...(9) COASTAL VIRGINIA, VIRGINIA.—Project for flood risk management, ecosystem restoration, and navigation, Coastal Virginia. Or (10) TANGIER ISLAND, VIRGINIA. Project for flood risk management and ecosystem restoration, Tangier Island, Virginia. The Norfolk District continues to submit the feasibility study for budget consideration. The district is aware of a Community Project Funding request for FY 2024, submitted by the Eastern Shore Regional Navigable Waterways Committee to the House of Representatives. A non-Federal sponsor and Letter of Intent is required for the District to show capability to initiate a study.

**\* Please refer to the table and program mapping below for a summary of Projects funded in FY 2022/2023 with estimated times for work award and completion.**



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USACE NORFOLK DISTRICT CIVIL WORKS PROGRAM  
 (Eastern Shore)

14 April 2023

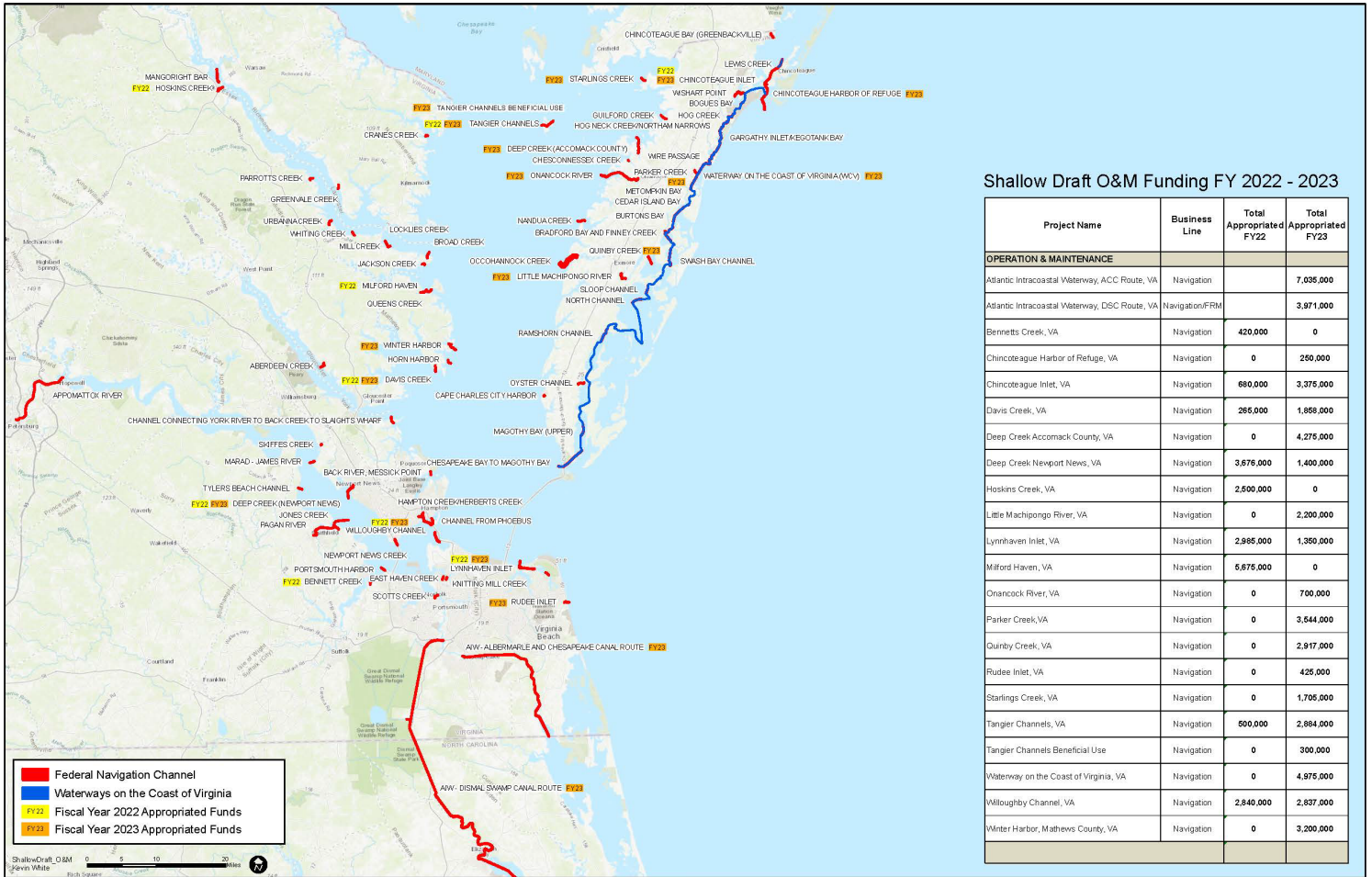
Project Name	Civil Works Appropriation	Business Line	Total Appropriated FY22	Total Appropriated FY23	Estimated Construction Award Schedule	Estimated Construction Complete Schedule	Notes
Chincoteague Island, VA, New Start Feasibility	Investigation	Coastal Storm Risk Management	\$0	\$0	Not Applicable		Non-Federal Sponsor is the Town of Chincoteague, VA. Letter of intent provided.
Tangier Island Aquatic Ecosystem Restoration, VA, New Start Feasibility	Investigation	Aquatic Ecosystem Restoration	\$0	\$0			Non-Federal Sponsor and Letter of Intent is required for USACE to show capability.
Cedar Island, CAP, Section 204, Beneficial Uses of Dredged Material	Construction (CAP)	Aquatic Ecosystem Restoration	\$0	\$0			Non-Federal Sponsor and Letter of Intent is required for USACE to show capability.
Chincoteague Harbor of Refuge, VA	Operations & Maintenance	Navigation	\$0	\$250,000	Sep-23	Sep-23	Maintenance dredging to be performed by the USACE dredge MURDEN
Chincoteague Inlet, VA	Operations & Maintenance	Navigation	\$680,000	\$3,375,000	Oct-24	Oct-25	Includes maintenance dredging by MURDEN and full scope contract for maintenance dredging with beneficial use of dredged material at nearby NWR. Estimated 18 months to award. Required agreement between USACE and U.S. Fish and Wildlife Service.
Deep Creek Accomack County, VA	Operations & Maintenance	Navigation	\$0	\$4,275,000	Jan-25	Jan-26	Placement site evaluation, field investigations, environmental coordination, design, development of plans and specifications is required. Estimated 18 to 24 months to award a contract.
Little Machipongo River, VA	Operations & Maintenance	Navigation	\$0	\$2,200,000	Sep-24	Jun-25	Government furnished placement site evaluation, field investigations, environmental coordination, design, development of plans and specifications is required. Estimated 18 months to award a contract.
Onancock River, VA	Operations & Maintenance	Navigation	\$0	\$700,000	Feb-24	Mar-24	Work to be performed by the USACE dredge MURDEN. Coarse grain material to be dredged with nearshore placement.
Parker Creek, VA	Operations & Maintenance	Navigation	\$0	\$3,544,000	Feb-25	Feb-26	Placement site evaluation, field investigations, environmental coordination, design, development of plans and specifications is required. Estimated 22 months to award.
Quincy Creek, VA	Operations & Maintenance	Navigation	\$0	\$2,917,000	Sep-24	Mar-25	Placement site evaluation and modelling to be completed, field investigations, environmental coordination, design, development of plans and specifications is required. Estimated 18 months to award a contract.
Starlings Creek, VA	Operations & Maintenance	Navigation	\$0	\$1,705,000	Jun-24	Feb-25	Contract to prepare the placement site for dredged material. Environmental coordination, design, development of plans and specifications is required. Estimated 14 months to award.
Tangier Channels, VA	Operations & Maintenance	Navigation	\$500,000	\$2,884,000	Jul-24	Mar-25	Includes Murden Dredging and Full Scope Contract for maintenance dredging and beneficial use of dredged material at nearby Beach (Northwest shoreline). Estimated 15 months to award.
Tangier Channels Beneficial Use	Operations & Maintenance	Navigation	\$0	\$300,000	Not Applicable	Not Applicable	Perform an evaluation using dredged material from nearby Federal channels for beneficial use on Tangier Island. Focus will consider using dredged material to repair, renourish, and stabilize the shoreline.
Waterway on the Coast of Virginia, VA	Operations & Maintenance	Navigation	\$0	\$4,975,000	Feb-24	Aug-24	Full scope contract for maintenance dredging Bradford Bay and Finney Creek with placement of dredged material at the nearby permitted overboard placement site. Lewis Creek and Magothy Bay project elements being surveyed for consideration for maintenance dredging contract as well. Estimated 10 months to award 1st contract.
<b>TOTAL</b>			<b>\$1,180,000</b>	<b>\$27,125,000</b>			



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Shallow Draft O&M Funding FY 2022 - 2023

Project Name	Business Line	Total Appropriated FY22	Total Appropriated FY23
<b>OPERATION &amp; MAINTENANCE</b>			
Atlantic Intracoastal Waterway, ACC Route, VA	Navigation		7,036,000
Atlantic Intracoastal Waterway, DSC Route, VA	Navigation/FRM		3,971,000
Bennetts Creek, VA	Navigation	420,000	0
Chincoteague Harbor of Refuge, VA	Navigation	0	250,000
Chincoteague Inlet, VA	Navigation	680,000	3,375,000
Davis Creek, VA	Navigation	265,000	1,858,000
Deep Creek Accomack County, VA	Navigation	0	4,275,000
Deep Creek Newport News, VA	Navigation	3,676,000	1,400,000
Hoskins Creek, VA	Navigation	2,600,000	0
Little Machipongo River, VA	Navigation	0	2,200,000
Lynnhaven Inlet, VA	Navigation	2,985,000	1,350,000
Milford Haven, VA	Navigation	6,676,000	0
Onancock River, VA	Navigation	0	700,000
Parker Creek, VA	Navigation	0	3,544,000
Quincy Creek, VA	Navigation	0	2,917,000
Rudee Inlet, VA	Navigation	0	425,000
Starlings Creek, VA	Navigation	0	1,705,000
Tanger Channels, VA	Navigation	600,000	2,884,000
Tanger Channels Beneficial Use	Navigation	0	300,000
Waterway on the Coast of Virginia, VA	Navigation	0	4,975,000
Willoughby Channel, VA	Navigation	2,840,000	2,637,000
Winter Harbor, Mathews County, VA	Navigation	0	3,200,000