



MIDDLE PENINSULA CHESAPEAKE BAY PUBLIC ACCESS AUTHORITY

MEMORANDUM

TO: MPCBPAA
FROM: Lewie Lawrence , PAA Staff
DATE: June 7, 2022
RE: June 10th 2022 MPCBPAA Meeting

This announcement serves as notice to call a meeting of the Middle Peninsula Chesapeake Bay Public Access Authority on Friday, **June 10th 2022 at 10:30 AM** at the office of MPPDC located at 125 Bowden Street, Saluda Virginia 23149. The meeting will be directly after the LGA meeting.

MPCBPAA AGENDA

June 10th, 2022

1. Call to Order
2. Approval of April 2022 Minutes
3. Approval of Financial report
 - Presentation of draft budget- in progress
4. Public Comment
5. Public Fishing Pier Update: draft construction drawings
6. Rural Coastal Challenge Update
 - a. MOU with VASG discussion
 - b. Discussion of rural resiliency winners
7. VHDA Housing Grant Update
 - a. Env site work and housing production update
 - b. Veterans Program- Knott Alone
8. Dredging Update:
 - PAA Dredging Program: \$5,000,000 Award
9. Next meeting – Aug 12th

MEMBERS

Essex County
Hon. Ronnie Gill

Gloucester County
Hon. Christopher A. Hutson
(Vice-Chair)

King and Queen County
Hon. Doris Morris

King William County
Mr. Percy Ashcraft

Mathews County
Vacant

Middlesex County
Hon. John Koontz, Jr.
(Treasurer)

Town of Tappahannock
Mr. Eric Pollitt

Town of Urbanna
Mr. Garth Wheeler

Town of West Point
Mr. John B. Edwards, Jr.
(Chair)

Saluda Professional Center
125 Bowden Street
P. O. Box 286
Saluda, VA 23149-0286
Phone: (804) 758-2311
FAX: (804) 758-3221
email:

PublicAccess@mppdc.com



MIDDLE PENINSULA CHESAPEAKE BAY PUBLIC ACCESS AUTHORITY
MIDDLE PENINSULA CHESAPEAKE BAY PUBLIC ACCESS AUTHORITY
MINUTES
April 8, 2022

MEMBERS

Essex County
Hon. Ronnie Gill

Gloucester County
Hon. Christopher A. Hutson
(Vice-Chair)

King and Queen County
Hon. Doris Morris

King William County
Mr. Percy Ashcraft

Mathews County
Mr. David Schlosser

Middlesex County
Hon. John Koontz, Jr.
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Town of Tappahannock
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1. Call to Order

MPCBPAA Chair Mr. John Edwards, Town of West Point called the meeting to order at 11:00 a.m. Members and Alternates attending were: Mr. Ronnie Gill, Mr. Michael Lombardo, Essex County; Mr. Chris Hutson, and Ms. Louise Theberge, Gloucester County; Mr. Percy Ashcraft, King William County; Mr. Dave Kretz, Middlesex County; Mr. Eric Pollitt, Town of Tappahannock; and Mr. Garth Wheeler, Town of Urbanna.

Mr. Lewie Lawrence, and Ms. Dawn Mantell, MPPDC Staff; Mathews County Administrator, Ramona Wilson; and Martha Rodenburg, Town of Urbanna were also present. A quorum was certified as Essex, Gloucester, King William, and Middlesex Counties as well as the Towns of West Point, Tappahannock and Urbanna were represented.

2. Approval of February 2022 Minutes

MPCBPAA Chair, Mr. John Edwards called for a motion to accept the February 2022 Minutes as presented. Motion to accept the February 2022 Minutes as presented was made by Mr. Chris Hutson; Seconded by Mr. Garth Wheeler; motion carried.

3. Approval of Financial Report

In the absence of MPPDC Chief Financial Officer, Heather Modispaw, MPCBPAA Secretary, Lewie Lawrence presented the financial report for Board approval. Mr. Lawrence noted that VIMS is carrying an outstanding balance for a project that commenced last Spring and that the contract for that project was recently received and invoicing can begin. It was also noted that revenue from hunting fees has nearly doubled since the last year and that overall, the rest of the financials remain stable. MPCBPAA Chair, John Edwards requested a motion to accept the Financial Report as presented. A motion to accept the Financial Report as presented was made by Mr. Chris Hutson; Seconded by Mr. Percy Ashcraft; motion carried.

4. Public Comment

No public comment.

5. Public Fishing Pier Update: motion to accept the bid from last month

MPCBPAA Secretary, Lewie Lawrence briefed those present on last meeting's discussion regarding handicap accessibility and compliance. Mr. Lawrence was tasked with researching the ADA requirements associated with this project and will bring those findings back at the next meeting.

Mr. Lawrence reported that ADA guidance for recreational facilities is complicated. ADA guidance includes different standards depending on the type of recreational facility and a public fishing pier has a specific standard. Mr. Lawrence provided an overview of the following items in the Board's meeting packet: Drawings of the two different design approaches meeting ADA compliance; Email from the U.S. Access Board outlining the minimum

requirements for new construction and for the alterations of existing fishing facilities; Gloucester County requirements for permitting; and a copy of the original request for proposals from Shoreline Structures, LLC to build the fishing pier. Mr. Lawrence has contacted Balzar Engineering and requested the drawing of construction plans to be submitted to Gloucester County. Mr. Jeff Watkins of Shoreline Structures, LLC anticipates that with donated pilings, he can build the 6' wide ADA compliant design for the original \$80k bid. MPCBPAA Chair, John Edwards requested a motion to accept the \$80k bid from Shoreline Structures, LLC and to authorize MPCBPAA Secretary, Lewie Lawrence to proceed as necessary. A motion to accept the \$80k bid from Shoreline Structures, LLC and to authorize MPCBPAA Secretary, Lewie Lawrence to proceed as necessary was made by Mr. Chris Hutson; Seconded by Mr. Garth Wheeler; motion carried.

6. Rural Challenge Update

MPCBPAA Secretary, Lewie Lawrence stated this project leverages MPCBPAA properties to bring new businesses providing innovative coastal resiliency services to the Middle Peninsula and beyond. This is a unique opportunity to utilize publicly owned waterfront properties as field stations for research and development and collaborated work research to test new approaches and build businesses. Virginia Sea Grant partnered with RISE to hold the rural challenge. Proposals focused on addressing septic systems, building rehabilitation, flood mitigation, and beneficial reuse of dredged material were received from 12 different companies. Of these, 7 were chosen to pitch their business plan. Mr. Lawrence briefly spoke on the impressive new technology presented during the ongoing review process and the proposed timeline. Winners will receive up to \$200,000 each to implement their solution using MPCBPAA owned property and will have the opportunity to partner with universities to validate the performance of their product and assess its impact on resilience and flood mitigation.

7. VHDA Housing Grant Update

MPCBPAA Secretary, Lewie Lawrence reported Balzar Engineering has been contracted for the project to rehabilitate and construct new affordable workforce public housing and provided an update on the work being performed at the Captain Sinclairs property. Mr. Lawrence shared some of the ways the innovative solutions from the RISE challenge will be utilized to provide affordable workforce housing for low-income people that need to live and work near the water as well as create new revenue streams to serve as sustainable funding to support the work of the MPCBPAA.

8. Captain Sinclairs Update

- Road and VDOT
- CFPF Road Application Resubmitted

MPCBPAA Secretary, Lewie Lawrence reported half of the \$5,000 the Gloucester County Board of Supervisors allocated for road improvement at Captain Sinclair's has been used to purchase millings. The potholes in the section to the main house will be filled in when the housing project is complete.

MPCBPAA Secretary, Lewie Lawrence reported the DCR Community Flood Preparedness Fund grant proposal for resilience improvements at the Captain Sinclair Recreation Area has been resubmitted. This proposal contained two parts including the elevation and rehabilitation of the road and construction of a low-elevation berm to serve as stormwater and recurrent flooding solutions. The \$5,000 allocation from the Gloucester County Board of

Supervisors for road improvement at Captain Sinclairs was included in the resubmitted proposal as the source of matching funds.

9. Donations/Acquisitions Update

- VLCF – South Garden 125 acre: Survey underway

MPCBPAA Secretary, Lewie Lawrence reported the acquisition of ~125 acres in Gloucester County is close to closing and the required survey will hopefully be performed by the end of the month. This acquisition adjoins and nearly doubles the size of the Captain Sinclairs Recreation Area. Mr. Lawrence reported Dan Knott, a Marine Veteran has purchased Phase 2 of the Land's End development and is interested in providing military veterans suffering from PTSD with counseling, workforce training, and recreation. Mr. Lawrence is working with Mr. Knott to provide opportunities for these veterans to operate the eco-businesses or serve as workforce for RISE award winners or Fight the Flood businesses on MPCBPAA properties.

10. Dredging Update - \$~3M in State budget for municipal dredge purchase/program

MPCBPAA Secretary, Lewie Lawrence reported that there are additional state funding resources proposed within the House and Senate draft budgets which would represent a significant level of assistance towards meeting the dredging needs of the Middle Peninsula. It was explained that the House and Senate budgets included different levels of funding ranging from an increase to \$2.5M in annual funding for the Virginia Port Authority's Waterway Maintenance Fund in the Senate Budget to approximately \$15M in funding for specific dredging projects on the Middle Peninsula and Eastern Shore as well as funding for the launch of a municipal dredging program on the Middle Peninsula. The final funding level will be known once the final budget is adopted with adoption not anticipated until early in the summer. The MPCBPAA board was reminded that legislation was passed several years ago to enable the MPCBPAA to serve as a dredging authority and that discussions about this option will be needed during future meetings as more information becomes available.

It was also reported that the US Army Corps of Engineers Section 408 Categorical Permission for dredging projects in the Middle Peninsula was authorized and as result, dredging projects within federal channels will be less likely to encounter certain federal review processes and generally will encounter less red tape.

11. Next Meeting – June 10th

The next meeting of the MPCBPAA will be held on June 10, 2022.

12. Adjournment

Motion to adjourn was made by Mr. John Koontz; Seconded by Mr. Ronnie Gill; motion carried.

Revenue and Expenditure Report by Project

Middle Peninsula Chesapeake Bay Public Access Auth
 Period 07/01/2021 to 04/30/2022

Run Date: 06/02/2022
 Run Time: 3:17:49 pm
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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
30022	FY22 PAA Administration				Project Period	07/01/2021 to 06/30/2022		
Revenues								
	40200 Interest Income	3,559.00	0.00	43.52	320.98	320.98	3,238.02	9.0
	40204 Taxpayer Donations from	200.00	0.00	0.00	4.75	4.75	195.25	2.3
	40211 Access Fees	1,820.00	0.00	22.50	2,279.77	2,279.77	(459.77)	125.2
	Revenues	5,579.00	0.00	66.02	2,605.50	2,605.50	2,973.50	46.7
Expenses								
	52101 Facilities Maintenance	0.00	0.00	20.00	20.00	20.00	(20.00)	0.0
	56001 Consulting/Contractual	8,000.00	0.00	35.47	2,605.02	2,605.02	5,394.98	32.5
	56002 Audit	4,000.00	0.00	0.00	4,000.00	4,000.00	0.00	100.0
	56003 Accounting	550.00	0.00	9.00	596.89	596.89	(46.89)	108.5
	56004 Legal	2,500.00	0.00	100.50	100.50	100.50	2,399.50	4.0
	56008 Public Officials Insurance	600.00	0.00	0.00	0.00	0.00	600.00	0.0
	56009 General Liability Insuran	150.00	0.00	0.00	0.00	0.00	150.00	0.0
	57900 Miscellaneous Expense	1,000.00	0.00	36.00	104.88	104.88	895.12	10.4
	Expenses	16,800.00	0.00	200.97	7,427.29	7,427.29	9,372.71	44.2
	Project Revenues:	5,579.00	0.00	66.02	2,605.50	2,605.50	2,973.50	46.7
	Project Expenses:	16,800.00	0.00	200.97	7,427.29	7,427.29	9,372.71	44.2
	Project Balance:	(11,221.00)	0.00	(134.95)	(4,821.79)	(4,821.79)		

Revenue and Expenditure Report by Project

Middle Peninsula Chesapeake Bay Public Access Auth
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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
31001	Browne Tract Administration				Project Period	to		
Expenses								
	52100 Property Insurance	125.00	0.00	0.00	0.00	0.00	125.00	0.0
	52101 Facilities Maintenance	100.00	0.00	0.00	0.00	0.00	100.00	0.0
	Expenses	225.00	0.00	0.00	0.00	0.00	225.00	0.0
	Project Revenues:	0.00	0.00	0.00	0.00	0.00	0.00	0.0
	Project Expenses:	225.00	0.00	0.00	0.00	0.00	225.00	0.0
	Project Balance:	(225.00)	0.00	0.00	0.00	0.00		

Revenue and Expenditure Report by Project

Middle Peninsula Chesapeake Bay Public Access Auth
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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
31002	Clay Tract Administration				Project Period	to		
Expenses								
	52100 Property Insurance	65.00	0.00	0.00	0.00	0.00	65.00	0.0
	52101 Facilities Maintenance	200.00	0.00	0.00	0.00	0.00	200.00	0.0
	Expenses	265.00	0.00	0.00	0.00	0.00	265.00	0.0
	Project Revenues:	0.00	0.00	0.00	0.00	0.00	0.00	0.0
	Project Expenses:	265.00	0.00	0.00	0.00	0.00	265.00	0.0
	Project Balance:	(265.00)	0.00	0.00	0.00	0.00		

Revenue and Expenditure Report by Project

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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
31003	Hayworth Tract Administration				Project Period	to		
Expenses								
	52101 Facilities Maintenance	200.00	0.00	0.00	0.00	0.00	200.00	0.0
	Expenses	200.00	0.00	0.00	0.00	0.00	200.00	0.0
	Project Revenues:	0.00	0.00	0.00	0.00	0.00	0.00	0.0
	Project Expenses:	200.00	0.00	0.00	0.00	0.00	200.00	0.0
	Project Balance:	(200.00)	0.00	0.00	0.00	0.00		

Revenue and Expenditure Report by Project

Middle Peninsula Chesapeake Bay Public Access Auth
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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
31006	Captain Sinclair Landing				Project Period	01/25/2002	to 01/25/2002	
Revenues								
	40020 Gloucester County	5,000.00	0.00	0.00	5,000.00	5,000.00	0.00	100.0
	40200 Interest Income	0.00	0.00	0.00	(608.34)	(608.34)	608.34	0.0
	40212 Rental Income	21,600.00	0.00	1,000.00	7,612.37	7,612.37	13,987.63	35.2
	Revenues	26,600.00	0.00	1,000.00	12,004.03	12,004.03	14,595.97	45.1
Expenses								
	52100 Property Insurance	1,700.00	0.00	0.00	(507.00)	(507.00)	2,207.00	(29.8)
	52101 Facilities Maintenance	10,000.00	0.00	0.00	7,704.15	7,704.15	2,295.85	77.0
	52102 Flood Insurance	8,000.00	0.00	0.00	5,072.66	5,072.66	2,927.34	63.4
	52110 Utilities	0.00	0.00	29.61	(205.39)	(205.39)	205.39	0.0
	56001 Consulting/Contractual	0.00	0.00	0.00	5,502.05	5,502.05	(5,502.05)	0.0
	58000 Depreciation Expense	0.00	0.00	0.00	43,716.00	43,716.00	(43,716.00)	0.0
	Expenses	19,700.00	0.00	29.61	61,282.47	61,282.47	(41,582.47)	311.0
	Project Revenues:	26,600.00	0.00	1,000.00	12,004.03	12,004.03	14,595.97	45.1
	Project Expenses:	19,700.00	0.00	29.61	61,282.47	61,282.47	(41,582.47)	311.0
	Project Balance:	6,900.00	0.00	970.39	(49,278.44)	(49,278.44)		

Revenue and Expenditure Report by Project

Middle Peninsula Chesapeake Bay Public Access Auth
 Period 07/01/2021 to 04/30/2022

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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
31009	Perrin Wharf				Project Period	01/25/2002	to 01/25/2002	
Expenses								
	52100 Property Insurance	200.00	0.00	0.00	0.00	0.00	200.00	0.0
	52101 Facilities Maintenance	0.00	0.00	0.00	888.00	888.00	(888.00)	0.0
	Expenses	200.00	0.00	0.00	888.00	888.00	(688.00)	444.0
	Project Revenues:	0.00	0.00	0.00	0.00	0.00	0.00	0.0
	Project Expenses:	200.00	0.00	0.00	888.00	888.00	(688.00)	444.0
	Project Balance:	(200.00)	0.00	0.00	(888.00)	(888.00)		

Revenue and Expenditure Report by Project

Middle Peninsula Chesapeake Bay Public Access Auth
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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
31012	Healy Creek				Project Period	07/01/2014	to 06/30/2015	
Expenses								
	52101 Facilities Maintenance	0.00	0.00	0.00	60.00	60.00	(60.00)	0.0
	Expenses	0.00	0.00	0.00	60.00	60.00	(60.00)	0.0
	Project Revenues:	0.00	0.00	0.00	0.00	0.00	0.00	0.0
	Project Expenses:	0.00	0.00	0.00	60.00	60.00	(60.00)	0.0
	Project Balance:	0.00	0.00	0.00	(60.00)	(60.00)		

Revenue and Expenditure Report by Project

Middle Peninsula Chesapeake Bay Public Access Auth
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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
31019	Skaare Administration				Project Period	12/11/2020	to 06/30/2021	
Revenues								
	40201 Donations - property	0.00	0.00	0.00	36,345.00	36,345.00	(36,345.00)	0.0
	Revenues	0.00	0.00	0.00	36,345.00	36,345.00	(36,345.00)	0.0
	Project Revenues:	0.00	0.00	0.00	36,345.00	36,345.00	(36,345.00)	0.0
	Project Expenses:	0.00	0.00	0.00	0.00	0.00	0.00	0.0
	Project Balance:	0.00	0.00	0.00	36,345.00	36,345.00		

Revenue and Expenditure Report by Project

Middle Peninsula Chesapeake Bay Public Access Auth
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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
31020	Bryant Administration				Project Period	05/16/2021	to 06/30/2021	
Revenues								
	40201 Donations - property	0.00	0.00	0.00	56,204.35	56,204.35	(56,204.35)	0.0
	Revenues	0.00	0.00	0.00	56,204.35	56,204.35	(56,204.35)	0.0
	Project Revenues:	0.00	0.00	0.00	56,204.35	56,204.35	(56,204.35)	0.0
	Project Expenses:	0.00	0.00	0.00	0.00	0.00	0.00	0.0
	Project Balance:	0.00	0.00	0.00	56,204.35	56,204.35		

Revenue and Expenditure Report by Project

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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
31021	Pamturn Administration				Project Period	05/21/2021	to 06/30/2021	
Revenues								
	40201 Donations - property	151,994.35	0.00	0.00	151,994.35	151,994.35	0.00	100.0
	Revenues	151,994.35	0.00	0.00	151,994.35	151,994.35	0.00	100.0
	Project Revenues:	151,994.35	0.00	0.00	151,994.35	151,994.35	0.00	100.0
	Project Expenses:	0.00	0.00	0.00	0.00	0.00	0.00	0.0
	Project Balance:	151,994.35	0.00	0.00	151,994.35	151,994.35		

Revenue and Expenditure Report by Project

Middle Peninsula Chesapeake Bay Public Access Auth
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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
33100	VPA Dredging Bus Plan				Project Period	07/01/2020	to 12/31/2021	
Revenues								
	40106 VPA	297,000.00	182,349.43	0.00	114,650.57	297,000.00	0.00	100.0
	Revenues	297,000.00	182,349.43	0.00	114,650.57	297,000.00	0.00	100.0
Expenses								
	56001 Consulting/Contractual	297,000.00	182,349.43	0.00	114,084.54	296,433.97	566.03	99.8
	Expenses	297,000.00	182,349.43	0.00	114,084.54	296,433.97	566.03	99.8
	Project Revenues:	297,000.00	182,349.43	0.00	114,650.57	297,000.00	0.00	100.0
	Project Expenses:	297,000.00	182,349.43	0.00	114,084.54	296,433.97	566.03	99.8
	Project Balance:	0.00	0.00	0.00	566.03	566.03		

Revenue and Expenditure Report by Project

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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
33300	VATC Pub & Paddle				Project Period	3/1/2021	to 9/30/2021	
Revenues								
	40107 VATC	10,000.00	6,000.00	0.00	4,000.00	10,000.00	0.00	100.0
	Revenues	10,000.00	6,000.00	0.00	4,000.00	10,000.00	0.00	100.0
Expenses								
	56001 Consulting/Contractual	10,000.00	6,000.00	0.00	4,000.00	10,000.00	0.00	100.0
	Expenses	10,000.00	6,000.00	0.00	4,000.00	10,000.00	0.00	100.0
	Project Revenues:	10,000.00	6,000.00	0.00	4,000.00	10,000.00	0.00	100.0
	Project Expenses:	10,000.00	6,000.00	0.00	4,000.00	10,000.00	0.00	100.0
	Project Balance:	0.00	0.00	0.00	0.00	0.00		

Revenue and Expenditure Report by Project

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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
33400	VMRC Public Fishing Pier				Project Period	10/01/2020	to 12/31/2022	
Revenues								
	40000 Agency Matching Funds	40,000.00	0.00	0.00	0.00	0.00	40,000.00	0.0
	40108 VMRC	50,000.00	4,578.03	0.00	(4,578.03)	0.00	50,000.00	0.0
	40109 Marker Nine	0.00	380.00	0.00	0.00	380.00	(380.00)	0.0
	Revenues	90,000.00	4,958.03	0.00	(4,578.03)	380.00	89,620.00	0.4
Expenses								
	56001 Consulting/Contractual	10,000.00	4,274.53	4,032.81	6,246.13	10,520.66	(520.66)	105.2
	56004 Legal	0.00	283.50	346.50	2,047.50	2,331.00	(2,331.00)	0.0
	56006 Construction	80,000.00	0.00	0.00	0.00	0.00	80,000.00	0.0
	56007 Fees & Permits	0.00	400.00	0.00	0.00	400.00	(400.00)	0.0
	57900 Miscellaneous Expense	0.00	0.00	0.00	56.40	56.40	(56.40)	0.0
	Expenses	90,000.00	4,958.03	4,379.31	8,350.03	13,308.06	76,691.94	14.7
	Project Revenues:	90,000.00	4,958.03	0.00	(4,578.03)	380.00	89,620.00	0.4
	Project Expenses:	90,000.00	4,958.03	4,379.31	8,350.03	13,308.06	76,691.94	14.7
	Project Balance:	0.00	0.00	(4,379.31)	(12,928.06)	(12,928.06)		

Revenue and Expenditure Report by Project

Middle Peninsula Chesapeake Bay Public Access Auth
 Period 07/01/2021 to 04/30/2022

Run Date: 06/02/2022
 Run Time: 3:17:49 pm
 Page 14 of 16

Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
33500	VLCF Tappahannock Hoskins Creek				Project Period	07/01/2021 to 06/30/2023		
Revenues								
	40113 VLCF	200,000.00	0.00	0.00	0.00	0.00	200,000.00	0.0
	40201 Donations - property	340,000.00	0.00	0.00	0.00	0.00	340,000.00	0.0
	Revenues	540,000.00	0.00	0.00	0.00	0.00	540,000.00	0.0
Expenses								
	56100 Land Expenses	200,000.00	0.00	0.00	0.00	0.00	200,000.00	0.0
	57999 Matching Funds	340,000.00	0.00	0.00	0.00	0.00	340,000.00	0.0
	Expenses	540,000.00	0.00	0.00	0.00	0.00	540,000.00	0.0
	Project Revenues:	540,000.00	0.00	0.00	0.00	0.00	540,000.00	0.0
	Project Expenses:	540,000.00	0.00	0.00	0.00	0.00	540,000.00	0.0
	Project Balance:	0.00	0.00	0.00	0.00	0.00		

Revenue and Expenditure Report by Project

Middle Peninsula Chesapeake Bay Public Access Auth
 Period 07/01/2021 to 04/30/2022

Run Date: 06/02/2022
 Run Time: 3:17:49 pm
 Page 15 of 16

Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
33600	VLCF South Garden on Severn				Project Period	07/01/2021 to 06/30/2023		
Revenues								
	40113 VLCF	312,000.00	0.00	0.00	0.00	0.00	312,000.00	0.0
	40201 Donations - property	464,200.00	0.00	0.00	0.00	0.00	464,200.00	0.0
	Revenues	<u>776,200.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>776,200.00</u>	<u>0.0</u>
Expenses								
	56000 Consulting/Contractual -	2,500.00	0.00	0.00	0.00	0.00	2,500.00	0.0
	56001 Consulting/Contractual	5,000.00	0.00	0.00	0.00	0.00	5,000.00	0.0
	56004 Legal	5,000.00	0.00	0.00	0.00	0.00	5,000.00	0.0
	56005 Appraisals	1,000.00	0.00	0.00	0.00	0.00	1,000.00	0.0
	56007 Fees & Permits	3,000.00	0.00	0.00	0.00	0.00	3,000.00	0.0
	56100 Land Expenses	294,600.00	0.00	0.00	0.00	0.00	294,600.00	0.0
	57900 Miscellaneous Expense	900.00	0.00	0.00	0.00	0.00	900.00	0.0
	57999 Matching Funds	464,200.00	0.00	0.00	2,000.00	2,000.00	462,200.00	0.4
	Expenses	<u>776,200.00</u>	<u>0.00</u>	<u>0.00</u>	<u>2,000.00</u>	<u>2,000.00</u>	<u>774,200.00</u>	<u>0.2</u>
	Project Revenues:	<u>776,200.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>776,200.00</u>	<u>0.0</u>
	Project Expenses:	<u>776,200.00</u>	<u>0.00</u>	<u>0.00</u>	<u>2,000.00</u>	<u>2,000.00</u>	<u>774,200.00</u>	<u>0.2</u>
	Project Balance:	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>(2,000.00)</u>	<u>(2,000.00)</u>		

Revenue and Expenditure Report by Project

Middle Peninsula Chesapeake Bay Public Access Auth
 Period 07/01/2021 to 04/30/2022

Run Date: 06/02/2022
 Run Time: 3:17:49 pm
 Page 16 of 16

Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
33700	GoVA Sea Grant Resilience Economy				Project Period	07/01/2021	to 06/30/2023	
Revenues								
	40112 VA Sea Grant	962,500.00	0.00	0.00	0.00	0.00	962,500.00	0.0
	Revenues	962,500.00	0.00	0.00	0.00	0.00	962,500.00	0.0
Expenses								
	56001 Consulting/Contractual	87,500.00	0.00	8,731.44	33,912.19	33,912.19	53,587.81	38.7
	56006 Construction	875,000.00	0.00	0.00	0.00	0.00	875,000.00	0.0
	Expenses	962,500.00	0.00	8,731.44	33,912.19	33,912.19	928,587.81	3.5
	Project Revenues:	962,500.00	0.00	0.00	0.00	0.00	962,500.00	0.0
	Project Expenses:	962,500.00	0.00	8,731.44	33,912.19	33,912.19	928,587.81	3.5
	Project Balance:	0.00	0.00	(8,731.44)	(33,912.19)	(33,912.19)		
	Report Total:			(12,275.31)	141,221.25			



MEMORANDUM OF UNDERSTANDING

Between

**The Middle Peninsula and Chesapeake Bay Public Access Authority
and
The Virginia Sea Grant College**

The purpose of this Memorandum of Understanding (MOU) is to codify the operational relationship between the Middle Peninsula Chesapeake Bay Public Access Authority and the Virginia Sea Grant College Program to jointly achieve the shared goals and activities that advance the public-private partnerships and collaborative research capacities of our region in order to produce resilience solutions to flooding, sea level rise, and other climate change impacts.

Middle Peninsula Chesapeake Bay Public Access Authority (PAA) was created by the General Assembly in 2002. The PAA represents nine Middle Peninsula localities, including: Essex, Gloucester, King & Queen, King William, Mathews, and Middlesex Counties, and the Towns of Tappahannock, Urbanna, and West Point. Holding the title to and managing over 50 waterfront properties, the PAA makes properties available for various activities important to the economy, including research that could lead to meeting public and economic development interests, and citizens and manages multiple, sometimes competing, needs and uses. The Middle Peninsula Planning District Commission (MPPDC) serves as PAA fiscal agent and staff support.

Virginia Sea Grant (VASG) is supported with federal funding from the National Oceanic and Atmospheric Administration (NOAA) in the U.S. Department of Commerce, other federal agencies, state general funds from VIMS, the other partner academic institutions and state agencies, private sector, nongovernmental organizations (NGO), donors, and private foundations. VASG supports a Commonwealth-wide network of partner academic institutions, and VASG's programming in extension, outreach, and research are encompassed in a Commonwealth-wide portfolio.

1. Shared Vision and Goals

Vision: Coastal Virginia will be a global leader in innovative technologies, products, and services that help residential, commercial, and industrial properties adapt to flooding, erosion, and other challenges caused by sea-level rise. Our region will become a leader in idea generation, innovation, and commercialization in a water adaptation industry cluster and innovation ecosystem through collaborative research & development capacity.

The Commonwealth’s economy depends upon the resilience of its coastal zone and inland waterways. Flooding, saltwater intrusion, erosion, and other risks from climate change require new products, technologies, services, and designs to adapt buildings, businesses, and infrastructure. Virginia has a competitive advantage because it is already experiencing impacts from the highest degree of relative sea-level rise on the East Coast, years before other states. Current options are limited—new adaptation solutions developed in Virginia will provide global commercialization opportunities.

Goal: Launch a water adaptation and innovation economic sector in the region

Growing a water adaptation economy is a priority in the GO Virginia Region 6 [Growth & Diversification Plan](#), and [Action Plan](#), and the Middle Peninsula’s [Comprehensive Economic Development Strategy](#) (CEDs), and aligns with the Economic Development Authority’s (EDA) equity, recovery & resilience, workforce development, technology-based economic development, and environmentally-sustainable development priorities.

Goal: Establish the capacity to produce innovation, workforce development, and commercialization opportunities for the region.

The partnership between the PAA and VASG will develop, expand and implement shared, strategic and long-term **public-private partnerships and collaborative research & development (R&D) capacity** in an adaptation and innovation R&D campus with a hub and a network of waterfront field stations. We aim to ensure the Middle Peninsula is a central, key component to an emerging, state-wide water adaptation industry cluster and innovation ecosystem to produce innovative technologies, products, services, designs and other strategies to address flooding, shoreline erosion, saltwater intrusion, and other impacts from storms and climate change.

Nothing in this MOU commits VASG nor PAA to spend funds or resources. We acknowledge that additional resources (funding and staff) will be needed to fully achieve the vision, and we are committing to collaborate on the program development, fund-raising, and strategic planning activities to launch a Water Adaptation & Innovation Campus (WAIC), a living laboratory for innovation and commercialization.

2. Governance of a Hub Facility and Network of Collaborative R&D Field Stations

VASG and the PAA will continue to collaborate to flesh out Charters, Bylaws, Operating Procedures, Strategic Plans, Advisory Boards, and other governance materials and systems for the design, development, construction and implementation of the WAIC.

While it is not possible to fully define the scope and nature of some of these activities and responsibilities at this time in development of the WAIC – and thus, this list will be refined and expanded as we make progress – topics to consider include, but are not limited to:

- a. **Multiple uses.** PAA properties are being managed to permit multiple uses (e.g., recreation, research, rental properties, High School crew team operations, etc.). PAA and VASG will coordinate and document mechanisms to ensure multiple uses, preventing research activities from being harmed by non-research activities.
- b. **Dynamic property portfolio.** Over time, existing PAA properties may become inaccessible or unusable as an R&D field station in the living laboratory, while new properties will be added to the PAAs donated lands. Older properties will be retired from use as field stations and new properties will be added. PAA and VASG will coordinate the assessment of property viability for the research network.

In addition, as the broader water adaptation and innovation industry cluster and ecosystem expands and the need for more field stations experiencing diverse environmental and climate change impact conditions grow, field stations beyond the PAA's geographic boundary may be needed. PAA and VASG will discuss mechanisms for expansion, and both parties will continue to explore property portfolio expansion that advance the vision.

- c. **Research implementation.** VASG and PAA will work with collaborative research team leads to obtain permits for research activities, coordinate property access, on-site facility use, etc.
- d. **Cost-sharing arrangement.** As WAIC becomes more established, public-private partnerships emerge and collaborative R&D takes place, a cost-share arrangement will be needed to provide operating revenues to both PAA and VASG. R&D could be funded from state or federal grants, individual donors, foundations, private sector, NGOs, or other sources.
- e. **Fund-raising.** VASG and PAA will conduct joint and coordinated independent fund-raising activities (e.g., grant proposals, donor relations, outreach to government, private sector and NGO stakeholders and potential partners, etc.).
- f. **Broader policy needs.** As WAIC expands there could be additional state and federal policy needs for continued collaborative R&D activities (e.g., potential for streamlined experimental permits). VASG and PAA will coordinate any outreach and requests with the General Assembly, Administration, or other policy makers on WAIC relevant topics.

3. Middle Peninsula Chesapeake Bay Public Access Authority's Role and Responsibility

The Middle Peninsula Chesapeake Bay Public Access Authority (PAA) is committed to a co-equal partnership with VASG to work collaboratively toward achieving the vision, activities and deliverables in this MOU. This will include, but not limited to, such activities as:

- a. **PAA properties.** PAA acquires, owns and maintains the portfolio of PAA properties.

- b. **Multi-use management.** PAA will have lead responsibility for coordinating all non-research uses of PAA properties (e.g. recreation, rental properties, Gloucester High School crew team, etc.) and for communicating with VASG about those uses as to not negatively impact R&D activities.
- c. **Technical assistance.** PAA will continue to provide technical assistance on the characteristics, capacity, and activities at PAA properties.
- d. **Local building codes.** As needed, PAA will work directly with Federal, State, and local municipalities to facilitate permitting or code-related issues arising from the novel products, technologies, strategies, designs or other innovation undergoing R&D on PAA properties.
- e. **Funding.** PAA may serve as the lead organization on funding proposals. Any proposal submitted by any partner which tangibly impacts PAA facilities, land or water shall be reviewed by PAA prior to submission to ensure compatibility and coordination.

4. Virginia Sea Grant's Role and Responsibilities

Virginia Sea Grant (VASG) is committed to a co-equal partnership with the PAA to work collaboratively toward achieving the vision, activities and deliverables presented in this MOU.

VASG will have primary responsibility for the management and operations of the public-private partnerships and collaborative R&D activities, including governance and on-site operations of the WAIC. This will include, but not be limited to, such activities as:

- a. **R&D awards.** VASG will issue and manage research funding in support of public-private R&D projects at WAIC. VASG will coordinate use of the WAIC facility with PIs and businesses that bring their own research funding to a project.
- b. **Web portal for promotion of capacity and co-branding.** VASG will maintain a web-site, co-branded with PAA, to highlight available properties, R&D activities on site, funding announcements, etc.
- c. **Research administrative portal.** VASG will administer the web-site to include an administrative portal for R&D project managers, including PIs on collaborative R&D projects.
- d. **External relations.** Coordinating messages and brand with the PAA, VASG will lead the outreach and external relations surrounding WAIC and its R&D activities. VASG will look to expand federal agency partnerships, and build long-term R&D agreements with industry members and associations.

Strategic expansion. VASG will monitor long-term R&D needs and the breadth of environmental conditions reflected in the portfolio of R&D facilities. VASG and PAA will continue to work together on a membership structure in the public-private R&D capacity, including universities, private sector, government, and NGOs. Expansion of properties in the R&D capacity could be tied to membership in the emerging governance system or other mechanism agreed upon by VASG and PAA.

5. Duration of the MOU

This MOU will remain in effect from July 1, 2022 until June 30, 2027. It is anticipated that the MOU will need regular updating, as WAIC continues to expand and become established in the region. The parties will revisit the MOU annually, whereupon it will be reviewed by the parties, potentially modified.

With 60-day advanced notice, either party may initiate termination of this MOU for cause.

Secretary	Date
Middle Peninsula Chesapeake Bay Public Access Authority	

Troy W. Hartley	Date
Director, Virginia Sea Grant	



BALZER & ASSOCIATES
 PLANNERS / ARCHITECTS
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 Shenandoah Valley
 New River Valley / Lynchburg
www.balzer.cc
 15871 City View Drive
 Suite 200
 Midlothian, VA 23113
 804.794.0571



RECORD
 EASEMENT ON
 HOUSE SITE 2
 FOR ACCESS
 TO BOAT RAMP

EX.
 HOUSE

HOUSE
 SITE 1

HOUSE
 SITE 2

HOUSE
 SITE 3

HOUSE
 SITE 4

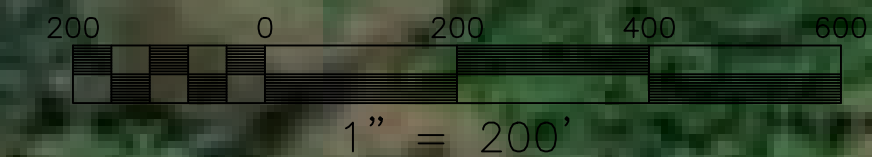
EX. WETLANDS
 EAST OF
 ROAD

EX. HOUSE —
 RECONFIGURE TO
 CREATE 2
 RESIDENTIAL UNITS
 ON THE WEST SIDE

EX. POOLHOUSE —
 EXPAND VERTICALLY
 W/ 3 RESIDENTIAL
 UNITS

REPURPOSE EX. HOUSE
 AND/OR POOL HOUSE FOR
 VARYING USES:
 — PUBLIC MEETING
 SPACE
 — PICNIC AREA
 — SNACK BAR
 — CANOE/KAYAK
 RENTAL
 — BAIT/TACKLE SHOP

PROJECT DESCRIPTION
 1. SITE ADDRESS: LANDS END ROAD AND THE CORDUROY NULL,
 GLOUCESTER, VA
 TAX PARCEL #: 47F(1)-1-3,5,9-16 & 47-3
 GLOUCESTER COUNTY, VA
 2. APPLICANT: MPPDC
 P.O. BOX 286
 SALUDA, VA 23149
 PHONE: (804) 758-2311
 AGENT: BALZER AND ASSOCIATES, INC.
 15871 CITY VIEW DRIVE, SUITE 200
 MIDLOTHIAN, VA 23113
 PHONE: (804) 794-0571
 FAX: (804) 794-2635
 CONTACT: TAYLOR GOODMAN
 3. TOTAL 9 NEW RESIDENTIAL UNITS
 3 POOL HOUSE UNITS
 2 MAIN HOUSE UNITS
 4 INDIVIDUAL LOT UNITS
 POOL HOUSE UNITS — 3 ±550 SQ FT ROOMS
 MAIN HOUSE UNITS — 2 UNITS USING EXISTING BEDROOMS
 INDIVIDUAL LOT UNITS — 4 UNITS APPROX. 300 — 800 SQ FT
 CONSTRUCTION TYPE TBD



CAPTAIN SINCLAIR

CONCEPTUAL PLAN

YORK DISTRICT
 GLOUCESTER COUNTY

DRAWN BY STG
 DESIGNED BY
 CHECKED BY STG
 DATE 05/31/2022
 SCALE 1" = 200'
 REVISIONS



[ABOUT](#)

[CURRENT RESILIENCE CHALLENGES](#)

[OUR SOLUTION BUILDERS](#)

[CONTACT](#)

[NEWS](#)



RURAL COASTAL COMMUNITY RESILIENCE

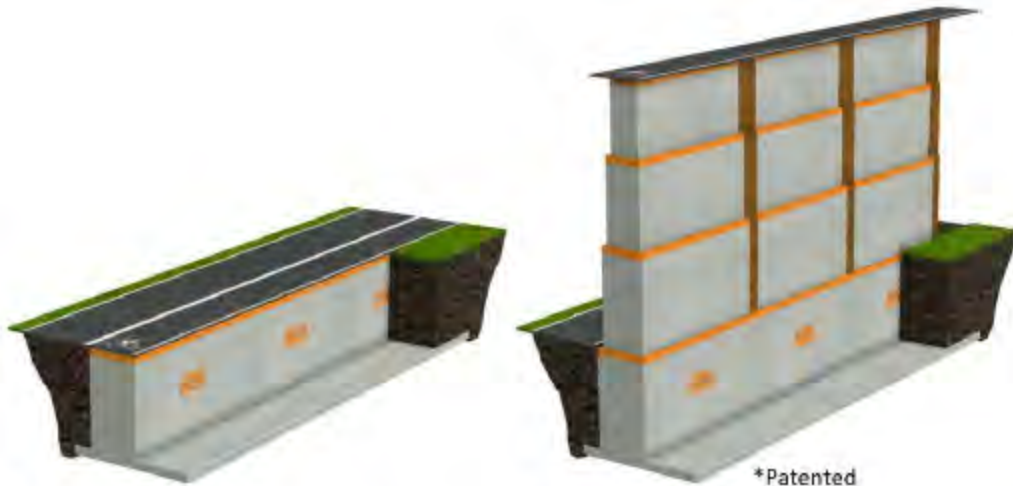
\$1.5 Million Challenge

APPLICATIONS ARE NOW CLOSED

POWERED BY

brinc

SMART WALLS



None to Low Visual Impact

- does not obstruct the view or access to water

Easy to Operate

- manually, with household tools or remotely-controlled

Versatile

- can virtually acquire any shape and height

Strong and lightweight

- use of Ultra High Performance Concrete (UHPC)

Cost-Efficient:

- it uses concepts of digital engineering, advanced manufacturing and modular construction

**** CLICK ON LINK BELOW TO WATCH 30-sec VIDEO ****

Installation Process Animation: <https://youtu.be/1I6Cas6p5SM>



Components

Deployable Boxes:

- Self-interconnect when deployed
- Contain all the systems needed for the operation of the Smart Walls

Base Box:

- Nests the deployable boxes
- Serves as the foundation of the wall



Pilot Project

- Location: Captain Sinclair's site – MPPDC
- Basic scope:
 - Design (including basic permits)
 - Fabrication
 - Installation
 - Testing



Smart Wall_Straight Geometry x 4 (estimated qty.)



Top View - Location of lifters

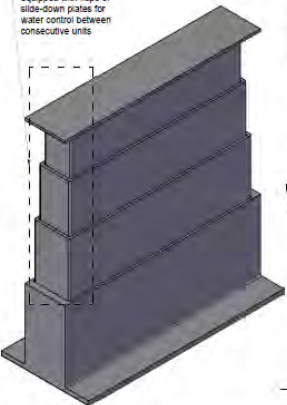
Scale NA

Number and location of lifter may vary. Special conditions to be discussed when lifters are located towards the ends. Lifters not needed for manually operated option.

General Notes:

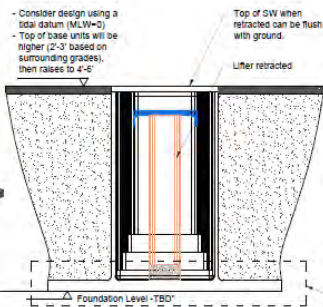
1. SW: Smart Wall
2. R/E : Retracted-To-Extended Ratio [0.30 - 0.55]
3. Foundation Level depends on ground conditions or R/E capability of lifter
4. Shown in here typical section with lifter. Not all SW units will have lifter

Smart Walls to be equipped with flaps or slide-down plates for water control between consecutive units



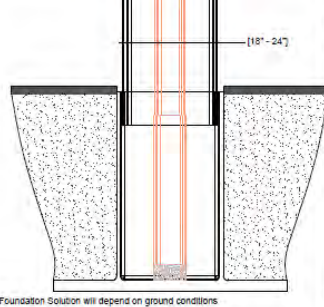
3D View - Extended Position

Scale NA



Elevation - Smart Walls Retracted and Extended.

Scale NA



Foundation Solution will depend on ground conditions

SW-S

Smart Wall Construction, LLC

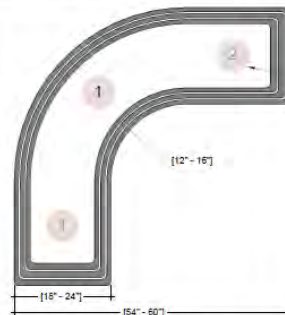
Smart Wall Construction, LLC
1800 West 19th Street
Tulsa, Oklahoma 74107
Phone: (918) 437-1111
Fax: (918) 437-1112
www.smartwall.com

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Jorge Cuervo

DATE: 12/15/2016
TIME: 10:50 AM
PROJECT: Smart Wall Construction, LLC
DRAWING: Smart Wall Construction, LLC
SCALE: 1/8" = 1'-0"

Smart Wall_Corner Geometry x 2 (Draft)



Top View - Location of Lifters

Scale NA

General Notes:

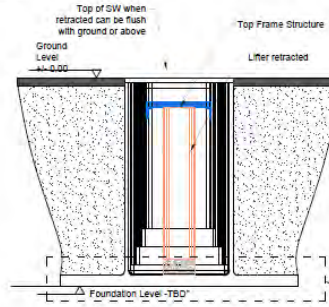
1. SW: Smart Wall
2. R/E : Retracted-To-Extended Ratio [0.30 - 0.55]
3. Foundation Level depends on ground conditions or R/E capability of lifter
4. Shown in here typical section with lifter. Not all SW units will have lifter

Number and location of lifter may vary. Special conditions to be discussed when lifters are located towards the ends. Lifters not needed for manually operated option.



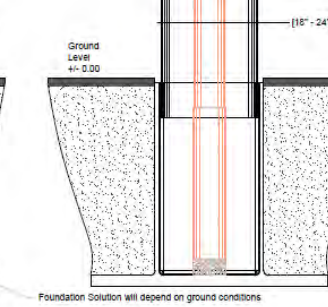
3D View - Extended Position

Scale NA



Elevation - Smart Walls Retracted and Extended.

Scale NA



Foundation Solution will depend on ground conditions

SW-C

Smart Wall Construction, LLC

Smart Wall Construction, LLC
1800 West 19th Street
Tulsa, Oklahoma 74107
Phone: (918) 437-1111
Fax: (918) 437-1112
www.smartwall.com

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Jorge Cuervo

DATE: 12/15/2016
TIME: 10:50 AM
PROJECT: Smart Wall Construction, LLC
DRAWING: Smart Wall Construction, LLC
SCALE: 1/8" = 1'-0"



 **TRIANGLE ENVIRONMENTAL**
HEALTH INITIATIVE



Biogenic Solutions
Consulting, LLC



NATRX
ADAPTIVE INFRASTRUCTURE



HOME MECHANIX
INNOVATION IN MITIGATION

COASTAL ACCESS AND RESILIENCE

REEForm



Dredged materials



**Coastal Armoring
Flood Resilience**

The Solution: Materials for Resilience

- Utilize Local Dredge Material (Silt, Clay, and Sand)
- Utilize local upcycled materials
- Deploy with existing proven Natrx advanced manufacturing
- Replace traditional reinforced concrete structures for infrastructure



Dredged Sediments

+



Upcycled materials

+



Natrx Dry Forming

=

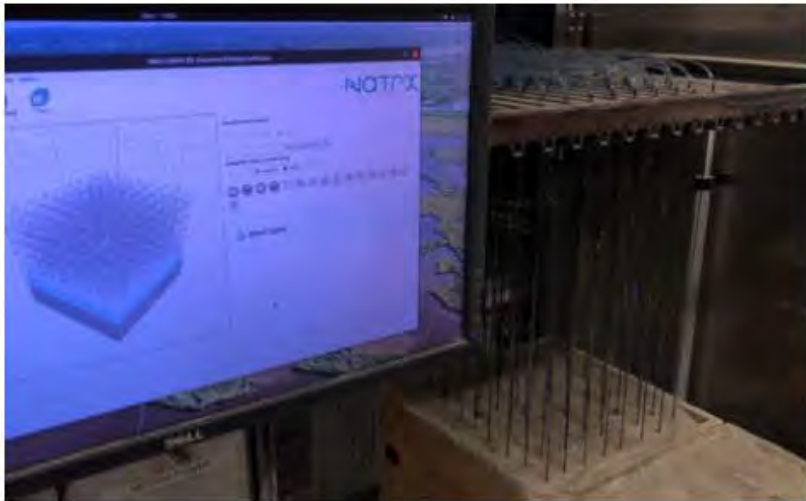


Infrastructure
Materials

Pilot: Port of Maryland Beneficial Use of Dredged Material



- Contaminated sediments
- Limited storage capacity
- Stabilization and solidification with cement
- Development of mix design with beneficial use of byproduct materials (i.e. slag, fly ash)



- Production of test blocks
- Physical strength tests
- Chemical leaching tests



Leonard Nelson · 1st

1w · Edited · 🌐

Virginia, here we come! Our first homeowner project for an oyster shoreline getting ready to ship out. At full strength this reef will filter almost a billion gallons of water a year, and will triple biodiversity when compared to a boring bulkhead. Couldn't have done it without **RISE Resilience Innovations**, DHCD, and the Middle Peninsula Planning District.
#naturebasedsolutions #oysters #waterquality

See less



East Bank



Whittaker Creek



Channel Cut in Bank



Downstream of Ramp



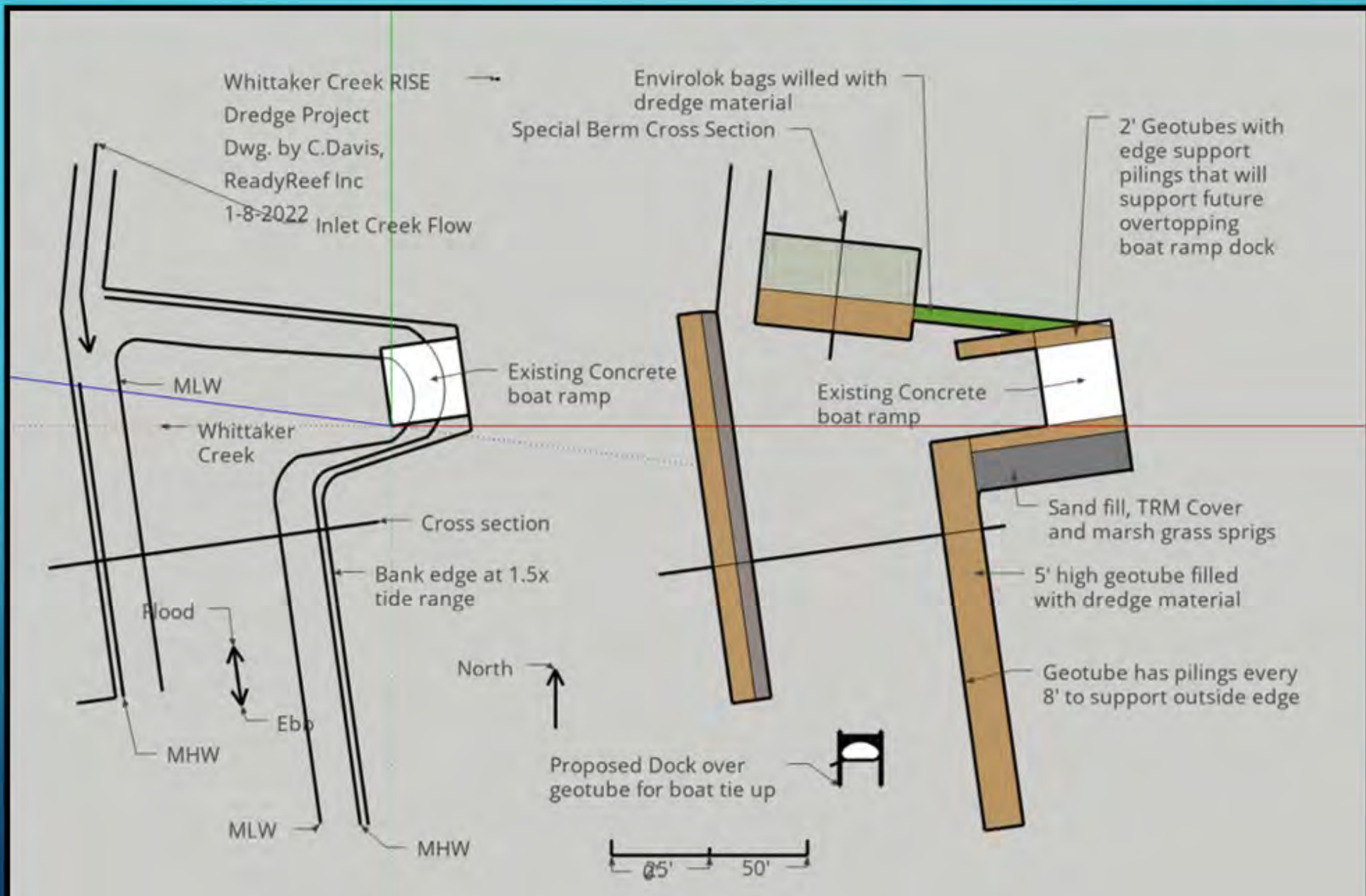
East Bank with Tree



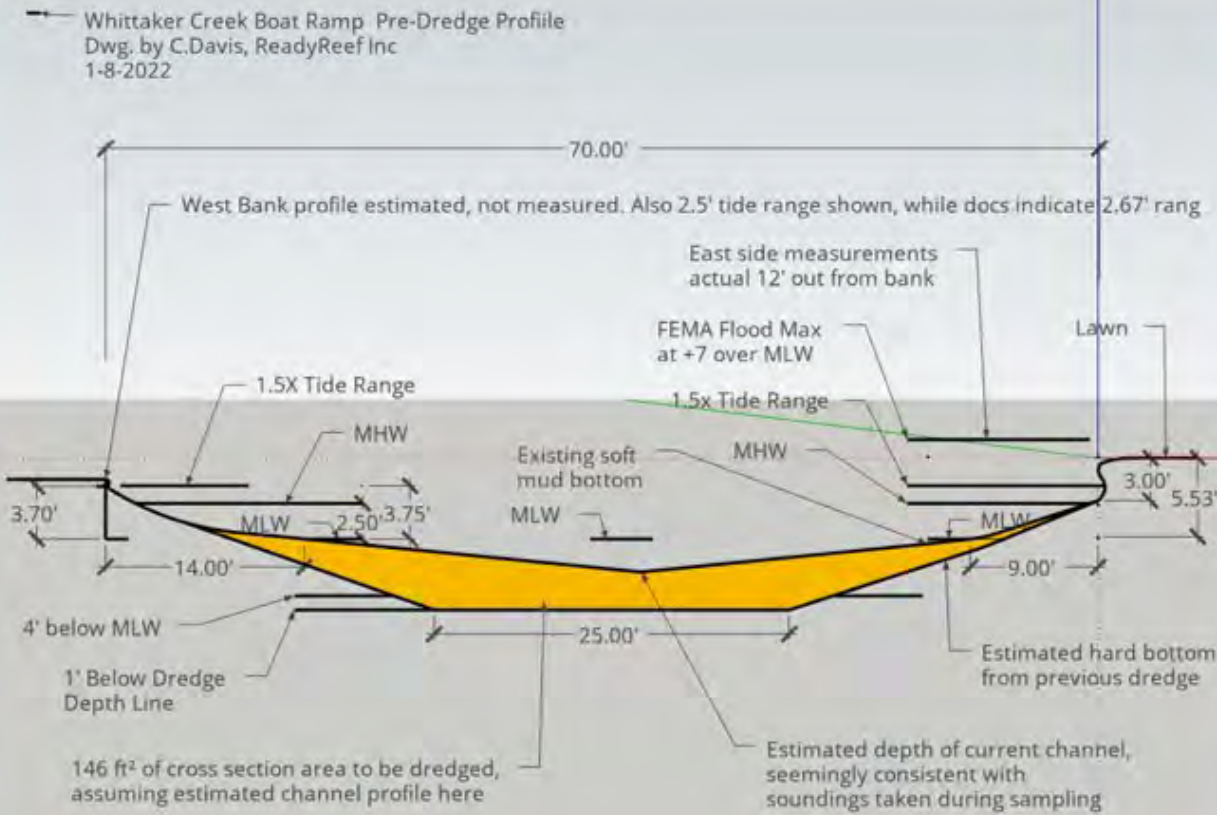
Boat Ramp



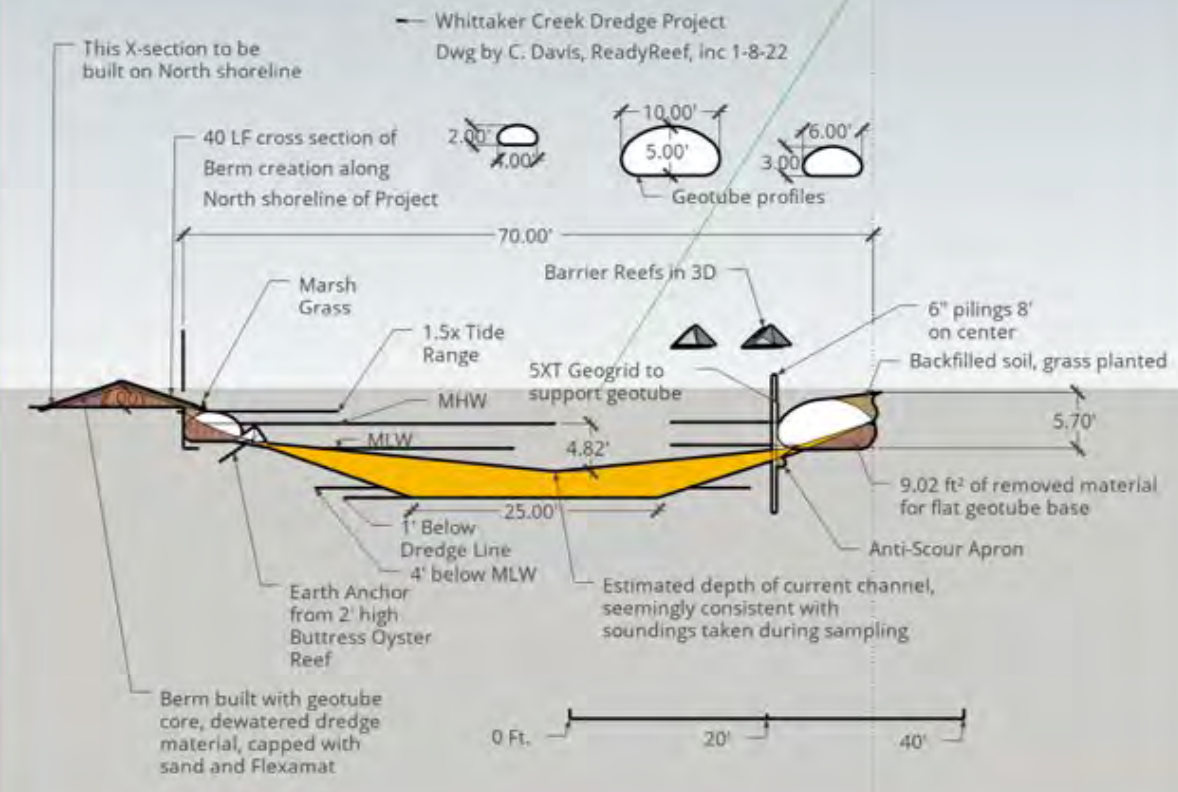
WHITTAKER CREEK PRE-/POST-WORK PLAN-VIEW PROFILE



WHITTAKER CREEK PRE- AND POST-WORK CROSS-SECTION



Pre-Construction

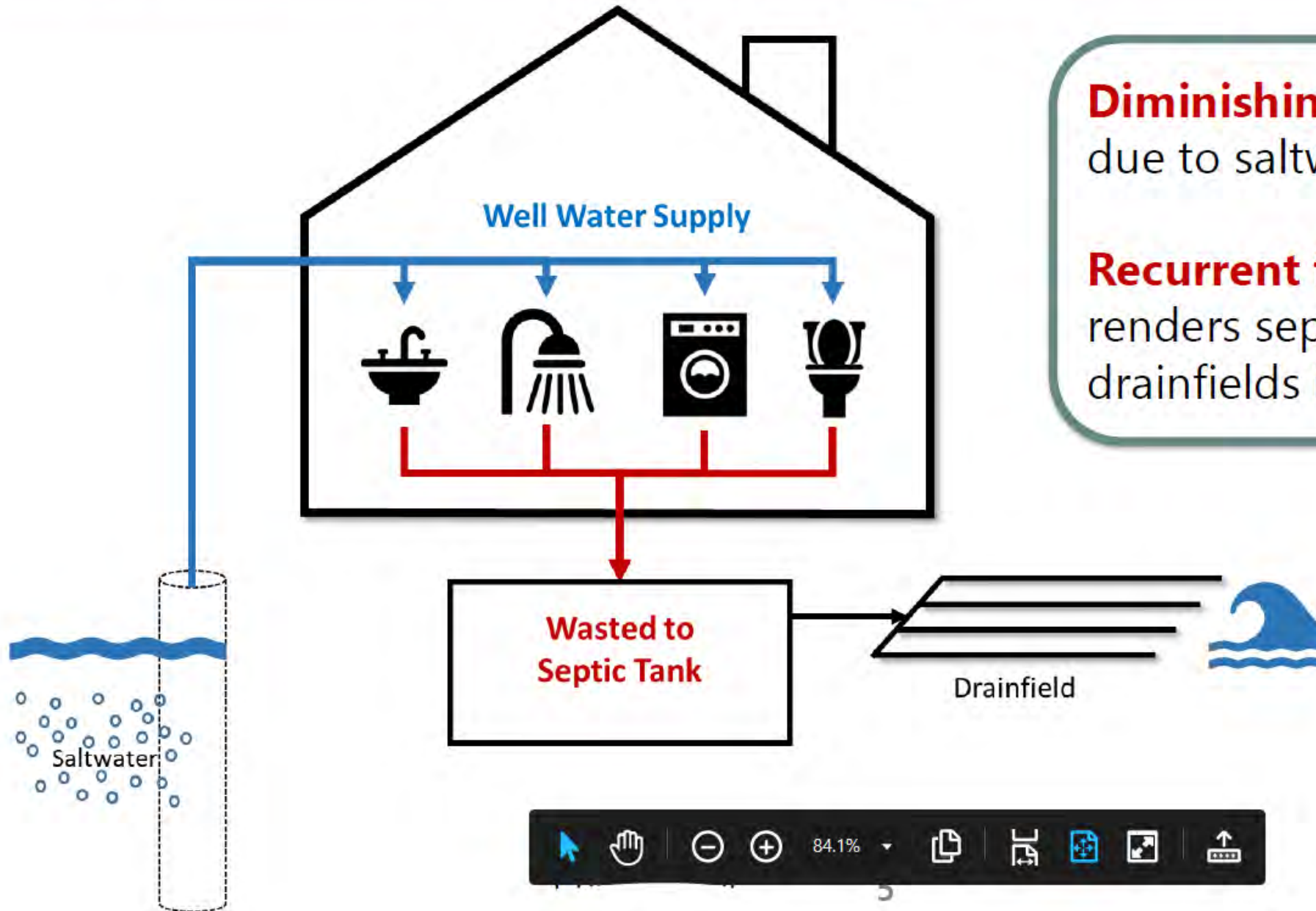


Post-Construction

the 'FLOATING MOISTURE BARRIER'

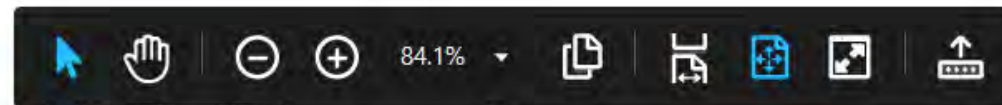


Local Problem – Rural Eastern Virginia



Diminishing well water supply
due to saltwater intrusion

Recurrent flooding
renders septic tanks and
drainfields ineffective



Our Solution

A compact, modular treatment system for non-potable reuse of household wastewater



Our system fits Virginia Rural Coastal Community needs by:

→ **reducing consumption of potable water by 40% (18,000 L/per/yr)**

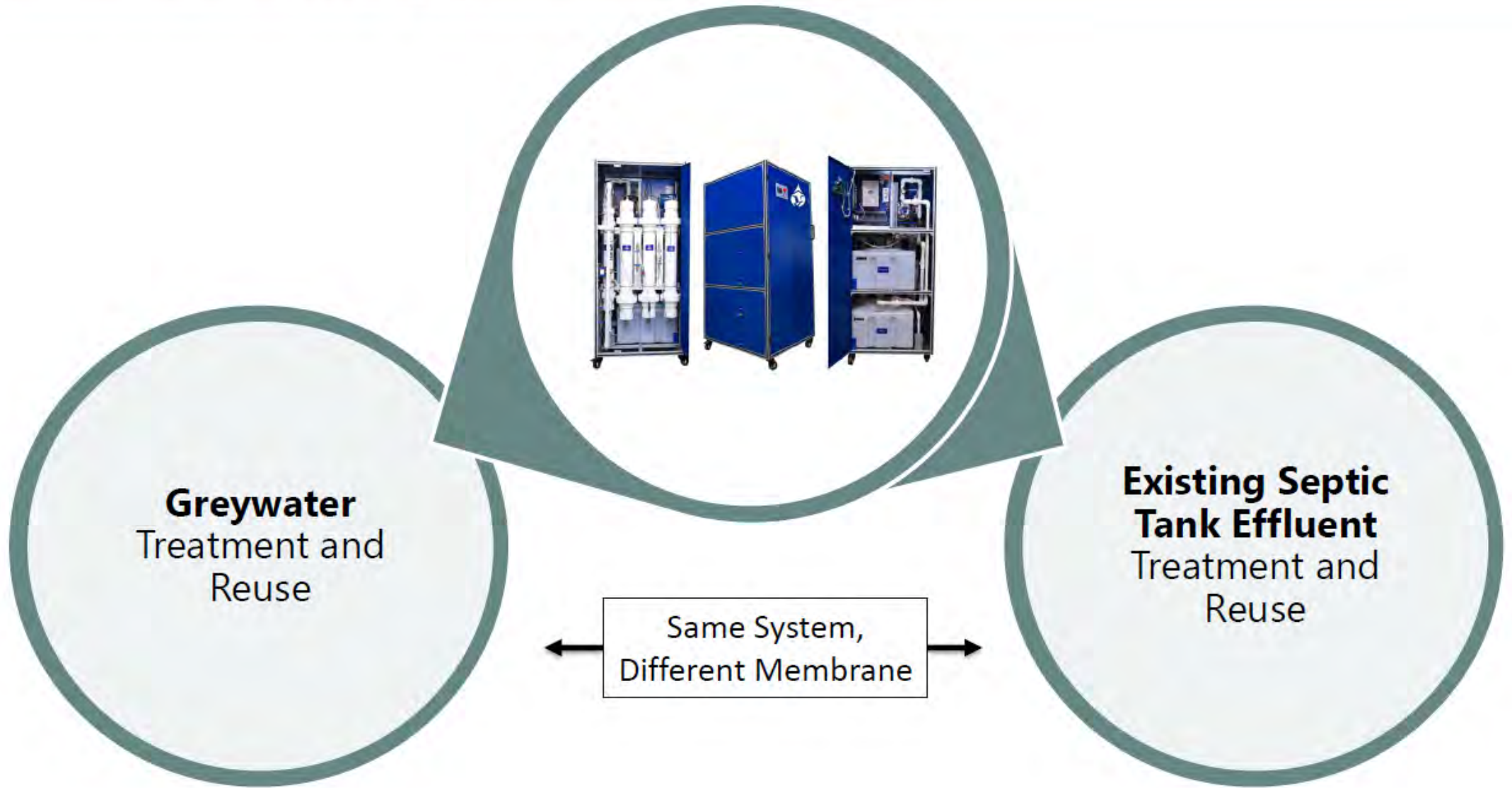
→ Reducing strain on wells

→ **Providing flood resilience**

→ Utilizing existing septic tank infrastructure

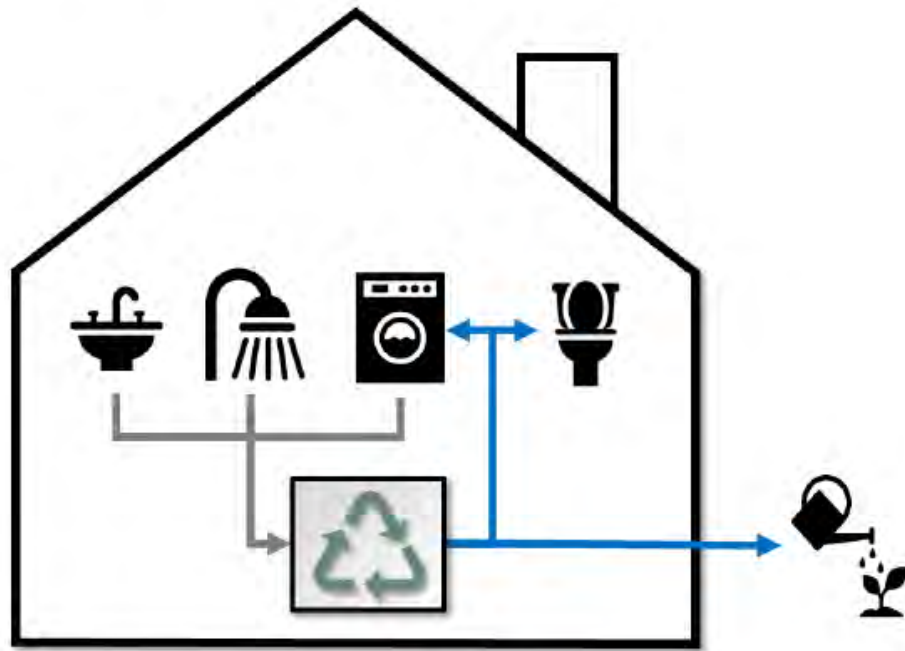
→ Eliminating drainfields

One Solution » Two Applications

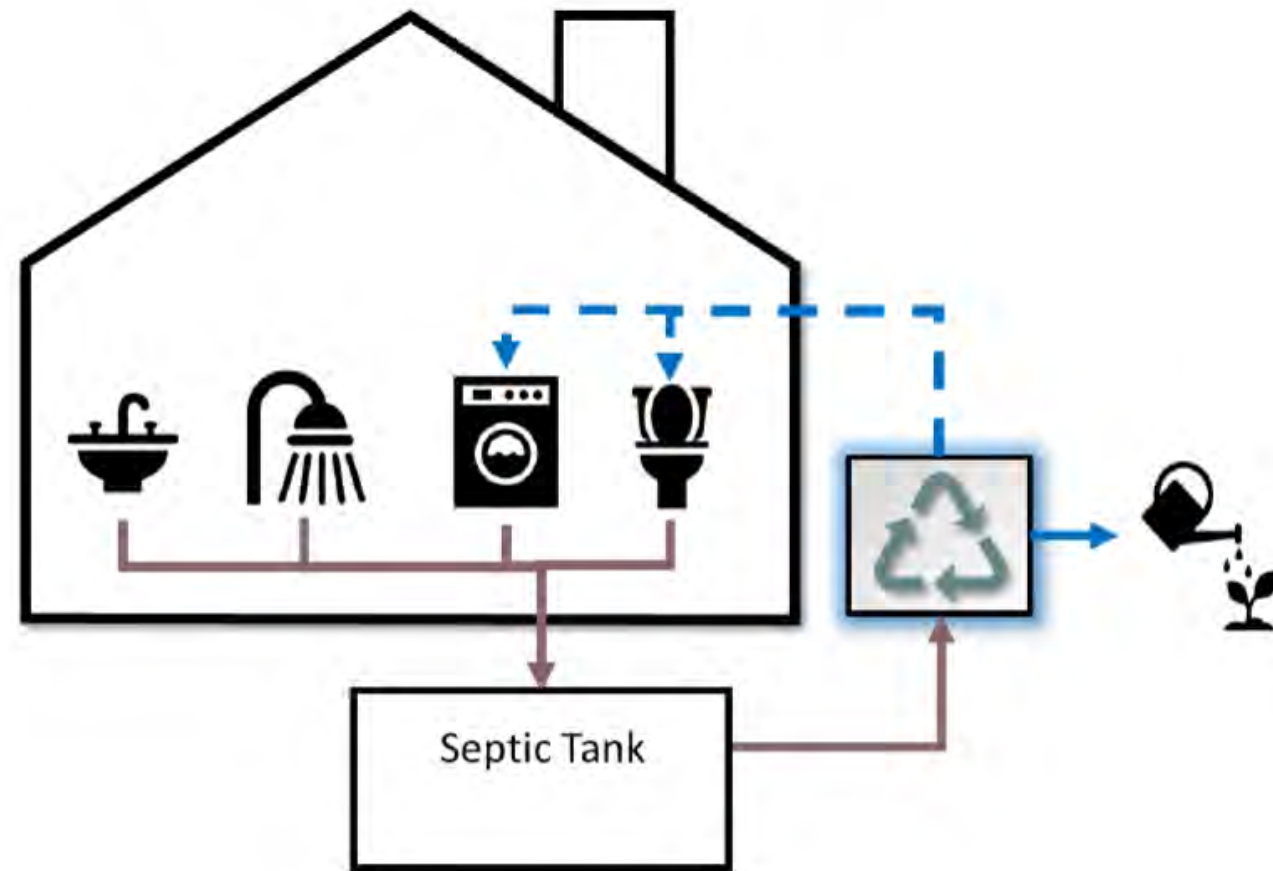


One Solution » Two Applications

Greywater Setup



Septic Tank Effluent Setup



Didn't Advance- But still exploring

REVPANEL Composite Structural Insulated Panels by **ThermaSteel**

The ThermaSteel REVPANEL Composite Structural Insulated Panel building system is the high-tech alternative to traditional SIPs (Structural Insulated Panels). ThermaSteel's patented composite bonding technology bonds light gauge steel structural members together with EPS, delivering a stronger, lighter wall system which installs faster, and provides structural framing, insulation, sheathing and vapor barrier all in one step. By eliminating thermal bridging and air infiltration, effective R ratings may be boosted to as much as R-47. Learn more about our Composite Structural Insulated Panels (C-SIPs). [more...>>](#)

Get an Estimate
Upload Drawings

Watch a video on the
build process





ite Structural ThermaSteel

Structural Insulated Panel
o traditional SIPs (Structural
composite bonding technology
together with EPS, delivering
faster, and provides structural
rier all in one step. By
n, effective R ratings may be
out our Composite Structural

**ARTICLES OF INCORPORATION
OF
KNOTT ALONE—HOLD FAST, INC.**

The undersigned, intending to form a Virginia nonstock corporation pursuant to Chapter 10 of Title 13.1 of the Code of Virginia, as follows:

**ARTICLE I
CORPORATE NAME**

The name of the corporation shall be **KNOTT ALONE—HOLD FAST, INC.**

**ARTICLE II
PURPOSES**

This corporation is organized exclusively for charitable, educational, and scientific purposes, including, for such purposes, the making of distributions to organizations that qualify as exempt organizations under section 501(c)(3) of the Internal Revenue Code, or the corresponding section of any future federal tax code.

The purpose of **KNOTT ALONE—HOLD FAST, INC.** is to support veterans battling effects from military service while helping prevent suicide through the use of immersive, hands-on commercial fishing (watermen) activities combined with traditional and alternative therapeutic programs. Watermen activities can include crabbing, oystering, fishing, aquaculture, and living shoreline construction along with associated tasks. All aspects of these activities will incorporate educational and research programs focused on coastal ocean and estuary habitats to increase awareness on responsible/sustainable fishing and the growing array of environmental concerns. Additionally, the program will include apprenticeship opportunities to provide a pathway for advanced skill development and potential licensure to enter the workforce.

**ARTICLE III
MEMBERS**

The corporation shall have no members.

**ARTICLE IV
DIRECTORS**

The corporation management and affairs shall be vested in a board of directors, as defined by the bylaws. All conflict of interest (perceived or actual) must be disclosed and handled according to policy and bylaws.

Members of the initial board of directors shall be appointed until resignation or majority vote for removal. Successors shall be nominated by any board member and voted on for appointment. In the event of death, the next of kin may nominate a successor. Additions to the number of board members shall require a unanimous vote of all board members.

In the event of a tie vote for any decision, the Registered Agent or remaining initial board member (in the order listed below) shall cast the deciding vote.

Any action required or permitted to be taken at a board meeting may be taken by written or virtual action according to bylaws.

ARTICLE V
REGISTERED AGENT AND OFFICE

The name of the corporation's initial registered agent is Daniel Knott, who is a resident of Virginia and an initial director of the corporation.

The address of the corporation's initial registered office, which is identical to the business office of the initial registered agent, is 4674 Old Forest Rd, Gloucester, VA 23061. The registered office is located in the County of Gloucester.

ARTICLE VI
INITIAL DIRECTORS

The initial directors are:

Daniel Knott: 4674 Old Forest Rd. Gloucester, VA 23061

Scott Witthaus: PO Box 93, 131 Deer Path, Cobbs Creek, VA 23035

Dave Pearson: 13255 Sadies Circle, St. George KS 66535

ARTICLE VII
LIMITATIONS AND RESTRICTIONS

At all times the following shall operate as conditions restricting the operations and activities of the corporation:

No part of the net earnings of the corporation shall inure to the benefit of, or be

distributable to its members, trustees, officers or other private persons, except that the corporation shall be authorized and empowered to pay reasonable compensation for services rendered and to make payments and distributions in furtherance of the purpose set forth in the purpose clause hereof.

No substantial part of the activities of the corporation shall constitute the carrying on of propaganda or otherwise attempting to influence legislation, or any initiative or referendum before the public, and the corporation shall not participate in, or intervene in (including by publication or distribution of statements), any political campaign on behalf of, or in opposition to, any candidate for public office.

Notwithstanding any other provisions of this document, the corporation shall not carry on any other activities not permitted to be carried on by an organization exempt from federal income tax under Section 501(c)(3) of the Internal Revenue Code or corresponding section of any future tax code, or by an organization, contributions to which are deductible under section 170(c)(2) of the Internal Revenue Code, or corresponding section of any future tax code.

ARTICLE VIII **DISSOLUTION**

The duration of the corporate existence shall be perpetual until dissolution.

Upon the dissolution of the corporation, assets of the corporation shall be distributed for one or more exempt purposes within the meaning of Section 501(c)(3) of the Internal Revenue Code, or corresponding section of any future federal tax code, or shall be distributed to the federal government, or to a state or local government, for a public purpose.

ARTICLE IX **PERSONAL LIABILITY**

No officer or director of this corporation shall be personally liable for the debts or obligations of this corporation of any nature whatsoever, nor shall any of the property of the members, officers or directors be subject to the payment of the debts or obligations of this corporation.

Signed by the Incorporator as of 10 August, 2021:



Daniel Knott



Department of the Treasury
Internal Revenue Service
Tax Exempt and Government Entities
P.O. Box 2508
Cincinnati, OH 45201

KNOTT ALONE--HOLD FAST
4674 OLD FOREST RD
GLOUCESTER, VA 23061

Date:
11/05/2021
Employer ID number:
87-2216958
Person to contact:
Name: Customer Service
ID number: 31954
Telephone: 877-829-5500
Accounting period ending:
July 31
Public charity status:
509(a)(2)
Form 990 / 990-EZ / 990-N required:
Yes
Effective date of exemption:
August 17, 2021
Contribution deductibility:
Yes
Addendum applies:
No
DLN:
26053632002351

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Sincerely,

Stephen A. Martin
Director, Exempt Organizations
Rulings and Agreements

**Middle Peninsula Planning District Commission
Budget Report
June 1, 2022**

Overview:

On June 1 the General Assembly met and reviewed and approved the conference report budget bills (HB 29 and HB 30). The budget bill now goes to Governor Youngkin who will have seven days to propose amendments or veto provisions in the budget.

The House voted adoption of HB30, 88-7. The Senate approved the conference report, 32-4.

This report provides a summary of the key amendments and budget items approved that are of interest to the MPPDC to support its legislative initiatives.

Priority:

- Virginia Port Authority (VPA) – Waterway Maintenance Fund (Item 465-#2c) (increase in available funds):

Conference Report increases transfer of funds of \$2.5 million in each year. The conference report contains \$13,612,325 in FY 2023 and FY 2024. The WMA is managed by VPA and was established to support local municipal dredging to ensure coastal waterways are safe and navigable to support the sustainability and growth of Virginia’s seafood and commercial watermen.

Previously, the WMA was capitalized with \$1,500,000 in FY21 and FY22.

- Virginia Port Authority (VPA) – Local Dredging Project (Item C-66.1-#1c) (newly created fund):

Establishes funding of \$5,000,000 in the first year of the general fund to VPA to distribute for local shovel-ready shallow-draft dredging projects in the following localities: Gloucester, Mathews, Middlesex, Accomack, Northampton – and specifically references Middle Peninsula Municipal Dredging Program. There is no money in this item for FY2024.

The legislative intent of this amendment is to authorize a regional entity like the Public Access Authority the ability to use these appropriated funds to purchase dredge equipment (project) for use in the identified counties of the Middle Peninsula. The same opportunity exists for identified counties on the Eastern Shore.

This money is available on July 1.

Equipment and Staffing

Based on the dredging volumes identified in recently completed surveys and data analysis by the VIMS Shoreline Studies Program, it appears that the wide array of small to large sized dredging projects will necessitate a combination of dredging strategies which take advantage of combinations of dredging equipment previously presented. In areas with a combination of sufficient dredge volumes and the availability of disposal or beneficial reuse sites within reasonable pumping distances (such as Aberdeen, Cedarbush, and Timberneck Creeks), hydraulic pipeline dredging may be considered. A second dredging strategy may consist of a continuation of the beneficial placement of beach quality dredge material on nearby beaches (for example Hole in the Wall). A third dredging strategy may include mechanical dredging (examples may include Bush Park and Mill Creeks). A fourth dredging strategy may involve smaller land based platform dredging operations (examples may include Free School Creek, Mill Creek, and Mill Creek 2). In addition, combinations of the above strategies are envisioned.

Each type of dredging operation utilizes specific types of equipment. For instance, a hydraulic cutter dredge requires several thousand feet of flexible pipeline that connects directly to an onboard pump, whereas floating mechanical clamshell dredges typically require an ancillary spider barge to collect and transport dredged material. Table 10 below describes some costs necessary for a hydraulic cutter dredge operation and preparation and maintenance of upland disposal and beneficial reuse sites, as well as the annualized costs over 10 years for the dredge (the largest single-item cost) and 6 years for other costs. The interest rate is assumed to be 3%.

Table 10. Typical Dredging and Disposal (Placement) Site Equipment Costs⁴⁸

<u>Equipment Type & Description</u>	<u>Proposed Budget Item</u>	<u>Annual Finance Cost</u>	<u>Loan Term - years</u>
<u>Dredge</u>			
Ellicott Dragon 670 (12", 620HP)	\$1,800,000		
Subtotal	\$1,800,000	\$204,868.85	10
<u>Marine Support Craft & Equipment</u>			
Primary Push Boat	\$250,000		
Support Boat 1	\$75,000		
Support Skiff	\$20,000		
Booster Pump	\$350,000		
Dredge Pipe (11,000 ft @ 12-14")	\$418,000		
Barge/Scow	\$300,000		
Subtotal	\$1,413,000	\$253,239.10	6
<u>Land-based Support Craft & Equipment</u>			
GMC Sierra 2500HD Duramax Pickup Truck (x3)	\$180,000		
Heavy-duty Equipment Trailer	\$7,500		
CAT 928 Wheeled Loader	\$125,000		
Loader Attachments	\$10,000		
Subtotal	\$322,500	\$57,798.73	6
Total:	\$3,535,500	\$515,907	

⁴⁸ Some equipment cost estimates in this section derived from the MVPC study; see Case Studies.

Each type of dredging operation, whether hydraulic or mechanical, typically employs a full-time crew complement of 3-5 or 4-7 employees (respectively). The number of people required is highly variable on the specific conditions at the job being done, as well as whether or not crewmembers are flexible within their job descriptions. For example, a deckhand may be required to both help on board the barge or tugboat and be responsible for assisting in disposal site activities (if not handled entirely by another party).

Table 11 below lists the names of typical positions aboard different dredges and salary estimates based on industry data, case studies, and online job postings. Total personnel costs include payroll taxes, workman's compensation, health and life insurance, and training costs.

Table 11. Typical Dredging and Disposal (Placement) Positions and Salaries

<u>Position Name</u>	<u>Low Estimate</u>	<u>High Estimate</u>
Dredge Superintendent	\$ 100,000	
Dredge Captain/Tug Operator	\$ 47,887	\$ 76,432
Assistant Captain	\$ 31,715	--
Dredge Maintenance Engineer	\$ 36,997	\$ 65,000
Dredge Leverman	\$ 36,720	\$ 51,000
Dredge First Deckhand	\$ 28,560	\$ 44,533
Dredge Second Deckhand	\$ 28,560	\$ 44,533
Welder	\$ 32,640	\$ 36,720
Cook	\$ 40,300	\$ 51,000
Truck Driver	\$ 32,640	\$ 41,000
Transfer Point Attendant ⁴⁹	--	--

Between equipment and staffing, there are numerous ancillary costs to consider. Dredge hoses and moorings, fuels and lubricants, storage rentals for equipment, repairs for both the dredge and the workboats, general maintenance supplies, and liability insurance all add to operating costs. Payroll taxes, retirement contributions, workman's compensation, health insurance, life insurance, and various trainings and certifications all add to personnel costs.⁵⁰ There may also be contributions to a replacement costs fund.

In addition to equipment and staffing, there are engineering services and administrative costs related to running a dredging operation. Even if every project were contracted out, a general administrator would be required to coordinate projects. Table 12 lists some of the costs of such an operation.

⁴⁹ Some dredging operations may require a full-time attendant at the disposal site to manage the ingress of barges and coordination of dredged material disposal; salaries for this position are likely highly variable.

⁵⁰ For a complete breakdown of these costs, see *Owning and Operating a Regional Dredging Program*.

Table 12. Administrative and Engineering Costs

<u>Office Expense</u>	<u>Administration</u>	<u>Engineering Services</u>
Office and Facilities	\$3,600	
Equipment	\$3,000	
Utilities		
Electric	\$3,000	
Telephone	\$3,600	
Water and Sewer	\$2,400	
Internet	\$1,200	
Subtotal	\$16,800	
<u>Consultants</u>		
Accounting and Audit	\$25,000	
Preliminary Engineering and Design - Future Projects	\$300,000	
Preliminary Engineering and Design - 3 Projects		\$120,000
Environmental Assessment	\$30,000	
Legal	\$20,000	
Financial	\$20,000	
Other - Grant/Loan Applications	\$15,000	
Condition Survey - 3		\$75,000
Monitoring and Mitigation - \$50,000 X 3		\$150,000
Subtotal	\$410,000	\$345,000
<u>Bonds</u>		\$8,000
<u>Permit Fees and Environmental Compliance</u>		\$75,000
Environmental Support Services		\$75,000
Subtotal		\$150,000
<u>Administrative</u>		
Travel	\$4,000	
Office Supplies and Postage	\$1,200	
Administrative Expenses and dues	\$2,000	
Bank Fees and Finance Charges	\$600	
Bank Interest Charges	\$15,000	
Subtotal	\$22,800	
Total(s):	\$449,600	\$503,000
Combined Total:		\$952,600