



## MIDDLE PENINSULA CHESAPEAKE BAY PUBLIC ACCESS AUTHORITY

**TO:** MPCBPAA  
**FROM:** Lewie Lawrence, PAA Staff  
**DATE:** March 7, 2023  
**RE:** March 10<sup>th</sup> 2023 MPCBPAA Meeting

### MEMBERS

Essex County  
Hon. Sidney Johnson

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

King and Queen County  
Hon. Doris Morris

King William County  
Mr. Percy C. Ashcraft

Mathews County  
Ms. Ramona Wilson

Middlesex County  
Hon. John B. 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

This announcement serves as notice to call a meeting of the Middle Peninsula Chesapeake Bay Public Access Authority on Friday, **March 10th 2023 at 12:00 PM** at the office of MPPDC located at 125 Bowden Street, Saluda Virginia 23149. The meeting will be directly after the LGA meeting. Lunch will be provided

### MPCBPAA AGENDA March 10<sup>th</sup>, 2023

1. Call to Order
2. Approval of January 13<sup>th</sup>, 2023, Minutes
3. Approval of Financial report
4. Public Comment
5. Captain Sinclair's Update
  - a. Public Fishing Pier Update: Discussion on Cost
  - b. Crowd Sourcing Campaign: <https://vacoastalwilds.com/pier-pressure/>
  - c. E Commerce I-Frame and Apparel
  - d. VHDA Housing Update
  - e. Veteran Programs and Services
    - VOF Grant Application for Trail Development
6. Hogg Island Restoration: Reissue IFB. First response was technically deficient.
7. Dredging Related Items,
  - a. VPA- MP Dredge Material Management & Handling Initiative
  - b. Dredging Funding: Conferees Working on it
9. Other Business
10. Next meeting



**MIDDLE PENINSULA CHESAPEAKE BAY PUBLIC ACCESS AUTHORITY**  
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**MINUTES**  
**MPPDC Boardroom**  
**January 13, 2023**

**MEMBERS**

**Essex County**  
Hon. Sidney Johnson

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

**King and Queen County**  
Hon. Doris Morris

**King William County**  
Mr. Percy Ashcraft

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**1. Call to Order**

MPCBPAA Chair Mr. John Edwards, Town of West Point called the meeting to order at 10:30 a.m. Members and Alternates attending were: Mr. Sidney Johnson, Essex County; Ms. Vivian Seay, King and Queen County; Mr. James Knighton, Mathews County; Mr. Dave Kretz, Middlesex County; Mr. Eric Pollitt, Town of Tappahannock, and Mr. Garth Wheeler, Town of Urbanna.

Mr. Lewie Lawrence, Mr. Curt Smith, Ms Heather Modispaw, and Ms. Dawn Mantell, MPPDC Staff; Mr. Leonard Nelson, NATRX; Stephanie Heinatz, Consociate Media; and Dan Knott, Knott Alone. A quorum was certified as Essex, King and Queen, Mathews, and Middlesex Counties as well as the Towns of Tappahannock, Urbanna, and West Point were represented.

**2. Approval of June 10, 2022 Minutes**

MPCBPAA Chair, Mr. John Edwards called for a motion to accept the June 2022 Minutes as presented. Motion to accept the June 2022 Minutes as presented was made by Mr. Sidney Johnson; Seconded by Mr. Dave Kretz with Ms. Vivian Seay abstaining; motion carried.

**3. Approval of Financial Report and FY22 Audit**

In the absence of MPPDC Chief Financial Officer, Heather Modispaw, MPCBPAA Secretary, Lewie Lawrence presented the financial report and FY22 Audit for Board approval. Mr. Lawrence reported it was a clean audit. There being no questions, MPCBPAA Chair, John Edwards requested a motion to accept the Financial Report as presented. A motion to accept the Financial Report and FY22 Audit as presented was made by Ms. Vivian Seay; Seconded by Mr. Garth Wheeler; motion carried.

**4. Public Comment**

No public comment.

**5. Captain Sinclair's Update**

**a. Public Fishing Pier Update: Construction has started.**

MPCBPAA Secretary, Lewie Lawrence reported the old pier at Captain Sinclair's has been removed, the cost of lumber has significantly increased since the time of the VMRC grant award so staff has been looking at ways to reduce costs, construction of the pier has begun, and pilings are slated to be delivered on Monday, January 16.

**b. 100 Acre Acquisition Completed**

MPCBPAA Secretary, Lewie Lawrence drew the Authority's attention to a map outlining the existing area of Captain Sinclair's and the newly acquired joining area which doubles the size of this property, providing additional recreational opportunities. Several areas in the newly acquired property have already been added to the PAA's reservation system making them available to the public for waterfowl hunting.

c. E-Commerce, I-Frame, and Apparel

Stephanie Heinatz, Consociate Media provided a PowerPoint Presentation outlining future marketing plans and merchandise to increase public support and awareness of the what, why, and how of the Middle Peninsula Chesapeake Public Access Authority. There will be a crowdfunding campaign to build public support and awareness for the construction of the new public fishing pier at Captain Sinclair's as well as the other publicly accessible amenities on PAA properties. A social media campaign with a donor box on the Virginia's Coastal Wilds website has been developed where donors can receive rewards coinciding with the level of their contribution. As part of the most recent Virginia Tourism Grant, with design-kind support from Marker Nine, a full suite of merchandise has been designed for the PAA. Merchandise such as T-shirts, hoodies, hats, drink koozies, etc. with the slogans Paddlers Gone Wild, Birdwatchers Gone Wild, Anglers Gone Wild, Waterfowlers Gone Wild, Pier Pressure, and Get Wild will be produced to begin building brand awareness for Virginia's Coastal Wilds, the public and consumer-facing brand identity of the MPCBPAA. Consociate Media will continue to raise awareness via earned media, social media, email marketing, owned media and partnerships with local businesses such as Marker Nine. Ms. Heinatz further reported funds are currently available for the first run of merchandise and can be recouped through the donor box and immediate sales of the merchandise in Marker Nine stores. Mr. Lawrence reported when the former MPPDC Executive Director, Dan Kavanaugh passed away, one of his requests was to establish a GoFundMe in his memory to support the future endeavors of the MPCBPAA. The J. Dan Kavanaugh Family Area, established on the Dragon Run, was a direct result of those funds. There is ~\$1,000 remaining and may be utilized for the first run of merchandise. MPPDC staff continues to develop ways such as this to monetize PAA properties. Ms. Heinatz stated consumers can visit the Virginia Coastal Wilds website to purchase merchandise which will be operated by another piece of software such as the shopify e-commerce platform. Mr. Lawrence stated since it's an I-frame, staff will work with legal counsel, Sands Anderson to develop a policy that will allow the Authority to determine the types of businesses to support that will be compatible with the mission of the PAA and bring it back to the Authority for approval.

d. VHDA Housing Update and Tenant Policy Discussion

MPCBPAA Secretary, Lewie Lawrence reported all design work has been completed for the Big House and the Pool House and Balzar is finalizing the design for the 3 single family residences. In keeping with the GoVA grant for water management, the house will be moveable. Mr. Lawrence provided the designs for the main house and pool house at Captain Sinclair's. The development of the master plan had to be split out as to public and non-public park areas. Permitting required tenants of the Big house and Pool house be employed by and supporting the work of the PAA. These units will be rent controlled workforce housing with tenants meeting certain income thresholds. When the Big house and Pool house were originally built, they were plumbed together and share the same drainfield thus the pool house was never permitted for the septic system and will likely require the installation of a secondary septic system. To keep the project progressing, Captain Sinclairs will need to be completed in 2 phases. Since it already has a legally permitted septic system, Phase I will begin with construction at the Big house. The bid packet for the work on the Big house should be released in the next 30-60 days.

e. Veteran Programs and Services

- NFWF Veteran Program Development Award: \$75,000

MPCBPAA Secretary, Lewie Lawrence reported the PAA has received a \$75,000 grant from NFWF for empowering veterans to engage in coastal resiliency. This grant will be utilized to develop the legal structure and relationship between the PAA and Knott Alone. Dan Knott added the state's Veterans Administration representative for Suicide Prevention as well as the representative for Homelessness will be coming to meet and tour the Captain Sinclairs property in the very near future.

- Demo day at Captain Sinclair's

Dan Knott, Knott Alone reported he, along with Fulcrum, and the Veterans Unit Member Association held a Veterans Day Weekend which included a fundraiser and service project. As part of the service project, approximately 30 group members demolished the second floor of the Big house, and at the brick rancher pulled up carpeting, fixed loose floor joists, and performed landscaping. Mr. Lawrence reported that Knott Alone will be moving their operations into the brick rancher where they can begin to provide therapy services and programs to veterans in need.

f. DCR Flood Fund Award Captain Sinclair's: \$146,000

- For Road Improvements and RPA Flood Berm

MPCBPAA Secretary, Lewie Lawrence reported the PAA has been awarded \$146,000 from DCR to address Flood Mitigation at Captain Sinclairs Recreation Area. Part of this funding will be used to build flood protection berms under the new regulations within the RPA to test how different methods work to shape land to deflect recurrent flooding.

**6. Hogg Island Restoration: NOAA Habitat Area**

MPCBPAA Secretary, Lewie Lawrence stated Hogg Island is an 18-acre island that absorbs all the storm surge that comes from Africa and is under threat for significant erosion. The Middle Peninsula didn't have any governmental sponsored structured programs so the Rural Coastal Enhancement Authority was created at the state level and conversations with NOAA resulted in establishing a governmental sponsored structured program at the federal level. Most of the Middle Peninsula is the 10<sup>th</sup> NOAA designated habitat area. Grant funding of ~\$1M was obtained for the restoration of Hogg Island using 3D printed concrete structures as significant habitat improvements. A company called NATRX specializes in creating these 3D printed concrete structures. The first test project using NATRX and granite for comparison was in Mathews County for a homeowner awarded ~\$250k in grant funding to install a living shoreline. The structure is almost to completion and the homeowner is pleased. The bid for the Hogg Island project was posted this week and will close in approximately a week and a half.

**7. Dredging Related Items**

a. ACE Categorical Permission for 408

MPCBPAA Secretary, Lewie Lawrence reminded the Authority of the \$5M allocated in the state budget last year for the PAA to establish a municipal dredge program. House Appropriations misallocated the funds into the capital budget for the Virginia Port Authority. Since capital funds can only be utilized for capital equipment, the VPA would have to purchase and operate the dredge, which they have no interest in doing. Budget

language has been redrafted where all \$5M will be allocated to Appropriations, to the VPA, and to the PAA to set up the municipal dredging program with funds available July 1.

Section 408 at the ACOE involves a considerable amount of red tape for dredging projects and was established to protect the public interest whenever a dredging project takes place within a federally designated channel. There are 16 federally designated channels in the Middle Peninsula. The first in the ACOE's history and granted on November 30, 2022, the Middle Peninsula has the only categorical permission exemption in the Norfolk district's history. As a result, the PAA will own the barge, the pipe, and the dredge material. A press release is currently being drafted.

b. Dredging Funding "in hand or allocated"

- Hole in the Wall - \$1.5M
- Aberdeen - \$1.5M
- Davis Creek - \$800K
- Whitaker Canal - \$250K
- Municipal Program - \$5M

**8. NATRX Presentation**

Leonard Nelson, Co-Founder NATRX explained how technology can be used in coastal restoration and the difference between concrete and recycled waste made structures. A PowerPoint Presentation was provided and topics discussed were: 50 Billion Tons of Lost Oyster Reefs; Importing Substrate; Cycle of Inland Mining & Coastal Hardening; How Can We Multiply Substrate; What Do We Know as Practitioners; Using Nature To Do More With Less; The NATRX Business Model Overview; Dry Forming: Rough, Complex, Cost Effective; Design Optimization; Protection Requires Heavy Materials; Can We Use Local Materials For Local Protection & Restoration; What About Rural Sediments; Pilot Testing of Activation of Clay: Calcination; Economic Opportunity, Per Ton; Finished Value Opportunity; Protection Value: Tax Base; 1-Year Prior: Hurricane Ida; Auto ID of Riparian Buffers; and Design Optimization (Sat Tech). Mr. Nelson reported working in the past with the Maryland Port Authority using 50% dredged sediments to create structures. Rural sediments are siltier, mix of sands and clays and incompatible with existing methods of building. MPPDC Deputy Director, Curt Smith submitted local sediment samples to Mr. Nelson which were sent to a lab for calcination where it was determined that dried rural dredge material can be turned into Calcine. The dredge material that was once deemed useless, now has value as a cement replacement.

**9. Other Business**

None

**10. Next Meeting**

March 10<sup>th</sup>

**11. Adjournment**

Motion to adjourn was made by Mr. Sidney Johnson; Seconded by Mr. Dave Kretz; Motion carried.

## Balance Sheet

Middle Peninsula Chesapeake Bay Public Access Auth  
 Period From : 7/1/2022 to 2/28/2023

Run Date: 3/7/23  
 Run Time: 1:08:20 pm

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**Assets:**

10000	Checking	19,691.86
10001	C&F MMKT - Restricted	54,662.19
10100	LGIP	70,015.33
10101	Rainy Day Fund (Resides in LGIP Gen Fund)	18,000.00
10102	Match for Pier (Resides in Checking)	40,000.00
10200	Security Deposit Escrow	1,800.00
10700	Prepaid expense	7,919.50
11001	Browne Tract	216,964.00
11002	Clay Tract	576,069.00
11003	Hayworth, Dragon Run, Jackson Tracts	399,760.00
11004	Hall Tract	305,700.00
11005	Shenk Property	260,400.00
11006	Captain Sinclair Landing	1,423,600.00
11007	Perrin Wharf	16,151.00
11008	Sloop Landing	49,400.00
11009	Dutchmans Point	167,900.00
11010	Healy Creek	334,800.00
11011	Winter Harbor	112,600.00
11012	Bethel Beach	61,000.00
11013	Horn Harbor	11,000.00
11014	Heron Point	190,000.00
11015	Adams Creek	152,250.00
11016	Guinea Marshes	107,000.00
11017	Locust Grove Park, Essex	65,000.00
11018	Carneal Property	12,905.00
11019	Halifax Property	3,157.83
11020	Mabie Property	14,657.33
11021	Doome Property	8,088.50
11022	Miller Property	3,390.50
11023	Villa Property	12,600.00
11024	Skaare Property	36,750.00
11025	Bryant Property	57,170.00
11026	Pamturn Property	152,960.00
11050	Accumulated Depreciation	(333,371.67)
12002	FY22 Contracts Receivable	26,233.06
13000	Equipment	7,203.00
	<b>Total Assets:</b>	<b>4,663,426.43</b>

**Liabilities:**

20000	Accounts Payable	2,080.77
20100	Security Deposit	1,000.00
	<b>Total Liabilities:</b>	<b>3,080.77</b>

**Projects**

30022	FY22 PAA Administration	(8,992.78)
30023	FY23 PAA Administration	3,268.33

## Balance Sheet

Middle Peninsula Chesapeake Bay Public Access Auth  
 Period From : 7/1/2022 to 2/28/2023

Run Date: 3/7/23  
 Run Time: 1:08:20 pm

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31001	Browne Tract Administration	(127.00)
31002	Clay Tract Administration	(63.00)
31006	Captain Sinclair Landing	(50,910.91)
31009	Perrin Wharf	(1,078.00)
31012	Healy Creek	(120.00)
31019	Skaare Administration	36,345.00
31020	Bryant Administration	56,204.35
31021	Margaret Lyell Administration	158,694.48
32001	Dan Kavanagh Memorial Fund	(1,375.68)
33400	VMRC Public Fishing Pier	(64,563.15)
33600	VLCF South Garden on Severn	(3,513.80)
33700	GoVA Sea Grant Resilience Economy	81,999.64
39000	General Fund Balance	2,932,587.18
39100	Restricted - Fed Program Income	59,198.00
39101	Restricted - Federal	1,157,093.00
39102	Restricted - by Deed	305,700.00
	<b>Total Projects</b>	<b>4,660,345.66</b>
	<b>Total Liabilities and Projects</b>	<b>4,663,426.43</b>
	<b>Net Difference to be Reconciled</b>	<b>0.00</b>
	<b>Total Adjustment</b>	<b>0.00</b>
	<b>Unreconciled Balance</b>	<b>0.00</b>

## Balance Sheet

Middle Peninsula Chesapeake Bay Public Access Auth  
Period From : 7/1/2022 to 2/28/2023

Run Date: 3/7/23  
Run Time: 1:08:20 pm  
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### Reconciling Items .....

(1)	Paid Salaries are	0.00
	Timesheets show	0.00
	Difference	0.00
(2)	Leave accrued this year	0.00
(3)	Fringe Pool is	0.00
	Fringe allocated	0.00
	Difference	0.00
(4)	Indirect Pool is	0.00
	Indirect Allocated	0.00
	Difference	0.00
	Total adjustments	<u><u>0.00</u></u>



## Agencywide Line Item Revenues and Expenditures

Middle Peninsula Chesapeake Bay Public Access Auth  
 Period: 7/1/2022 to 2/28/2023  
 Without Indirect Detail

Run Date: 03/07/2023  
 Run Time: 1:12:08 pm  
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Code	Description	Budget	Current	YTD	Un/Over	% Bud
<b>Revenues</b>						
40000	Agency Matching Funds	50,930.00	0.00	0.00	50,930.00	0.00 %
40020	Gloucester County	5,000.00	0.00	5,000.00	0.00	100.00 %
40108	VMRC	50,000.00	0.00	0.00	50,000.00	0.00 %
40112	VA Sea Grant	962,500.00	0.00	0.00	962,500.00	0.00 %
40113	VLCF	512,000.00	0.00	0.00	512,000.00	0.00 %
40200	Interest Income	300.00	532.68	3,474.99	(3,174.99)	1,158.33 %
40201	Donations - property	940,453.35	0.00	0.00	940,453.35	0.00 %
40202	Donations - cash	0.00	0.00	47.50	(47.50)	0.00 %
40211	Access Fees	2,750.00	472.46	1,828.41	921.59	66.49 %
40212	Rental Income	22,800.00	900.00	7,200.00	15,600.00	31.58 %
45100	Retained Income	0.00	0.00	176,569.55	(176,569.55)	0.00 %
	<b>Revenues</b>	<b>2,546,733.35</b>	<b>1,905.14</b>	<b>194,120.45</b>	<b>2,352,612.90</b>	<b>7.62 %</b>
<b>Expenses</b>						
52100	Property Insurance	2,114.00	0.00	0.00	2,114.00	0.00 %
52101	Facilities Maintenance	12,065.85	0.00	4,220.00	7,845.85	34.97 %
52102	Flood Insurance	8,000.00	0.00	1,640.00	6,360.00	20.50 %
52110	Utilities	0.00	(77.84)	457.06	(457.06)	0.00 %
56000	Consulting/Contractual - Other	8,930.00	0.00	0.00	8,930.00	0.00 %
56001	Consulting/Contractual	98,889.00	22,720.14	42,816.09	56,072.91	43.30 %
56002	Audit	4,000.00	0.00	0.00	4,000.00	0.00 %
56003	Accounting	1,100.00	0.00	456.00	644.00	41.45 %
56004	Legal	2,500.00	0.00	6,095.30	(3,595.30)	243.81 %
56005	Appraisals	2,000.00	0.00	0.00	2,000.00	0.00 %
56006	Construction	955,000.00	24,808.60	116,186.56	838,813.44	12.17 %
56008	Public Officials Insurance	550.00	0.00	0.00	550.00	0.00 %
56009	General Liability Insurance	150.00	0.00	0.00	150.00	0.00 %
56100	Land Expenses	512,000.00	0.00	0.00	512,000.00	0.00 %
57900	Miscellaneous Expense	0.00	35.00	426.16	(426.16)	0.00 %
57999	Matching Funds	787,070.00	0.00	125.00	786,945.00	0.02 %
	<b>Expenses</b>	<b>2,394,368.85</b>	<b>47,485.90</b>	<b>172,422.17</b>	<b>2,221,946.68</b>	<b>7.20 %</b>
	<b>Agency Balance</b>	<b>152,364.50</b>	<b>(45,580.76)</b>	<b>21,698.28</b>		

## Revenue and Expenditure Report by Project

Middle Peninsula Chesapeake Bay Public Access Auth  
 Period 7/1/2022 to 2/28/2023

Run Date: 03/07/2023  
 Run Time: 1:10:38 pm  
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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
<b>30023</b>	<b>FY23 PAA Administration</b>				<b>Project Period</b>	<b>07/01/2022</b>	<b>to 06/30/2023</b>	
<b>Revenues</b>								
	40200 Interest Income	300.00	0.00	532.68	3,474.99	3,474.99	(3,174.99)	1,158.3
	40202 Donations - cash	0.00	0.00	0.00	47.50	47.50	(47.50)	0.0
	40211 Access Fees	2,750.00	0.00	472.46	1,828.41	1,828.41	921.59	66.4
	<b>Revenues</b>	<b>3,050.00</b>	<b>0.00</b>	<b>1,005.14</b>	<b>5,350.90</b>	<b>5,350.90</b>	<b>(2,300.90)</b>	<b>175.4</b>
<b>Expenses</b>								
	56001 Consulting/Contractual	0.00	0.00	32.46	128.41	128.41	(128.41)	0.0
	56002 Audit	4,000.00	0.00	0.00	0.00	0.00	4,000.00	0.0
	56003 Accounting	1,100.00	0.00	0.00	456.00	456.00	644.00	41.4
	56004 Legal	2,500.00	0.00	0.00	1,072.00	1,072.00	1,428.00	42.8
	56008 Public Officials Insurance	550.00	0.00	0.00	0.00	0.00	550.00	0.0
	56009 General Liability Insurance	150.00	0.00	0.00	0.00	0.00	150.00	0.0
	57900 Miscellaneous Expense	0.00	0.00	35.00	426.16	426.16	(426.16)	0.0
	<b>Expenses</b>	<b>8,300.00</b>	<b>0.00</b>	<b>67.46</b>	<b>2,082.57</b>	<b>2,082.57</b>	<b>6,217.43</b>	<b>25.0</b>
	<b>Project Revenues:</b>	<b>3,050.00</b>	<b>0.00</b>	<b>1,005.14</b>	<b>5,350.90</b>	<b>5,350.90</b>	<b>(2,300.90)</b>	<b>175.4</b>
	<b>Project Expenses:</b>	<b>8,300.00</b>	<b>0.00</b>	<b>67.46</b>	<b>2,082.57</b>	<b>2,082.57</b>	<b>6,217.43</b>	<b>25.0</b>
	<b>Project Balance:</b>	<b>(5,250.00)</b>	<b>0.00</b>	<b>937.68</b>	<b>3,268.33</b>	<b>3,268.33</b>		

## Revenue and Expenditure Report by Project

Middle Peninsula Chesapeake Bay Public Access Auth  
 Period 7/1/2022 to 2/28/2023

Run Date: 03/07/2023  
 Run Time: 1:10:38 pm  
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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
<b>31006</b>	<b>Captain Sinclair Landing</b>				<b>Project Period</b>	<b>01/25/2002</b>	<b>to 01/25/2002</b>	
<b>Revenues</b>								
	40020 Gloucester County	5,000.00	0.00	0.00	5,000.00	5,000.00	0.00	100.0
	40212 Rental Income	12,000.00	0.00	0.00	0.00	0.00	12,000.00	0.0
	Revenues	<u>17,000.00</u>	<u>0.00</u>	<u>0.00</u>	<u>5,000.00</u>	<u>5,000.00</u>	<u>12,000.00</u>	<u>29.4</u>
<b>Expenses</b>								
	52100 Property Insurance	1,700.00	0.00	0.00	0.00	0.00	1,700.00	0.0
	52101 Facilities Maintenance	11,565.85	0.00	0.00	4,160.00	4,160.00	7,405.85	35.9
	52102 Flood Insurance	8,000.00	0.00	0.00	1,640.00	1,640.00	6,360.00	20.5
	52110 Utilities	0.00	0.00	(77.84)	71.76	71.76	(71.76)	0.0
	Expenses	<u>21,265.85</u>	<u>0.00</u>	<u>(77.84)</u>	<u>5,871.76</u>	<u>5,871.76</u>	<u>15,394.09</u>	<u>27.6</u>
	<b>Project Revenues:</b>	<u>17,000.00</u>	<u>0.00</u>	<u>0.00</u>	<u>5,000.00</u>	<u>5,000.00</u>	<u>12,000.00</u>	<u>29.4</u>
	<b>Project Expenses:</b>	<u>21,265.85</u>	<u>0.00</u>	<u>(77.84)</u>	<u>5,871.76</u>	<u>5,871.76</u>	<u>15,394.09</u>	<u>27.6</u>
	<b>Project Balance:</b>	<u>(4,265.85)</u>	<u>0.00</u>	<u>77.84</u>	<u>(871.76)</u>	<u>(871.76)</u>		

## 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
<b>31012</b>	<b>Healy Creek</b>				Project Period	07/01/2014 to 06/30/2015		
<b>Expenses</b>								
	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
	<b>Project Revenues:</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.0
	<b>Project Expenses:</b>	0.00	0.00	0.00	60.00	60.00	(60.00)	0.0
	<b>Project Balance:</b>	0.00	0.00	0.00	(60.00)	(60.00)		

## Revenue and Expenditure Report by Project

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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
<b>31021</b>	<b>Margaret Lyell Administration</b>				<b>Project Period</b>	<b>05/21/2021 to 06/30/2021</b>		
<b>Revenues</b>								
	40201 Donations - property	151,994.35	151,994.35	0.00	0.00	151,994.35	0.00	100.0
	40212 Rental Income	10,800.00	0.00	900.00	7,200.00	7,200.00	3,600.00	66.6
	Revenues	<u>162,794.35</u>	<u>151,994.35</u>	<u>900.00</u>	<u>7,200.00</u>	<u>159,194.35</u>	<u>3,600.00</u>	<u>97.7</u>
<b>Expenses</b>								
	52100 Property Insurance	414.00	0.00	0.00	0.00	0.00	414.00	0.0
	52101 Facilities Maintenance	500.00	0.00	0.00	0.00	0.00	500.00	0.0
	52110 Utilities	0.00	0.00	0.00	385.30	385.30	(385.30)	0.0
	Expenses	<u>914.00</u>	<u>0.00</u>	<u>0.00</u>	<u>385.30</u>	<u>385.30</u>	<u>528.70</u>	<u>42.1</u>
	<b>Project Revenues:</b>	<u>162,794.35</u>	<u>151,994.35</u>	<u>900.00</u>	<u>7,200.00</u>	<u>159,194.35</u>	<u>3,600.00</u>	<u>97.7</u>
	<b>Project Expenses:</b>	<u>914.00</u>	<u>0.00</u>	<u>0.00</u>	<u>385.30</u>	<u>385.30</u>	<u>528.70</u>	<u>42.1</u>
	<b>Project Balance:</b>	<u>161,880.35</u>	<u>151,994.35</u>	<u>900.00</u>	<u>6,814.70</u>	<u>158,809.05</u>		

## 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
<b>32001</b>	<b>Dan Kavanagh Memorial Fund</b>				<b>Project Period</b>	<b>07/01/2013 to 06/30/2015</b>		
<b>Revenues</b>								
	40201 Donations - property	1,389.00	1,389.00	0.00	0.00	1,389.00	0.00	100.0
	Revenues	1,389.00	1,389.00	0.00	0.00	1,389.00	0.00	100.0
<b>Expenses</b>								
	56001 Consulting/Contractual	1,389.00	0.00	1,375.68	1,375.68	1,375.68	13.32	99.0
	Expenses	1,389.00	0.00	1,375.68	1,375.68	1,375.68	13.32	99.0
	<b>Project Revenues:</b>	1,389.00	1,389.00	0.00	0.00	1,389.00	0.00	100.0
	<b>Project Expenses:</b>	1,389.00	0.00	1,375.68	1,375.68	1,375.68	13.32	99.0
	<b>Project Balance:</b>	0.00	1,389.00	(1,375.68)	(1,375.68)	13.32		

## Revenue and Expenditure Report by Project

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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
<b>33400</b>	<b>VMRC Public Fishing Pier</b>				<b>Project Period</b>	<b>10/1/2020</b>	<b>to 6/30/2023</b>	
<b>Revenues</b>								
	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	15,303.06	0.00	0.00	15,303.06	34,696.94	30.6
	40109 Marker Nine	0.00	380.00	0.00	0.00	380.00	(380.00)	0.0
	Revenues	<u>90,000.00</u>	<u>15,683.06</u>	<u>0.00</u>	<u>0.00</u>	<u>15,683.06</u>	<u>74,316.94</u>	<u>17.4</u>
<b>Expenses</b>								
	56001 Consulting/Contractual	10,000.00	10,520.66	21,312.00	41,312.00	51,832.66	(41,832.66)	518.3
	56004 Legal	0.00	2,331.00	0.00	0.00	2,331.00	(2,331.00)	0.0
	56006 Construction	80,000.00	0.00	11,558.60	23,126.15	23,126.15	56,873.85	28.9
	56007 Fees & Permits	0.00	400.00	0.00	0.00	400.00	(400.00)	0.0
	57900 Miscellaneous Expense	0.00	56.40	0.00	0.00	56.40	(56.40)	0.0
	57999 Matching Funds	0.00	2,375.00	0.00	125.00	2,500.00	(2,500.00)	0.0
	Expenses	<u>90,000.00</u>	<u>15,683.06</u>	<u>32,870.60</u>	<u>64,563.15</u>	<u>80,246.21</u>	<u>9,753.79</u>	<u>89.1</u>
	<b>Project Revenues:</b>	<u>90,000.00</u>	<u>15,683.06</u>	<u>0.00</u>	<u>0.00</u>	<u>15,683.06</u>	<u>74,316.94</u>	<u>17.4</u>
	<b>Project Expenses:</b>	<u>90,000.00</u>	<u>15,683.06</u>	<u>32,870.60</u>	<u>64,563.15</u>	<u>80,246.21</u>	<u>9,753.79</u>	<u>89.1</u>
	<b>Project Balance:</b>	<u>0.00</u>	<u>0.00</u>	<u>(32,870.60)</u>	<u>(64,563.15)</u>	<u>(64,563.15)</u>		

## Revenue and Expenditure Report by Project

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Project	Description	Budget	Prior Year	Current	YTD	Proj Total	Un/Over	% Bud
<b>33500</b>	<b>VLCF Tappahannock Hoskins Creek</b>				<b>Project Period</b>	<b>07/01/2021 to 06/30/2023</b>		
<b>Revenues</b>								
	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
<b>Expenses</b>								
	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
	<b>Project Revenues:</b>	540,000.00	0.00	0.00	0.00	0.00	540,000.00	0.0
	<b>Project Expenses:</b>	540,000.00	0.00	0.00	0.00	0.00	540,000.00	0.0
	<b>Project Balance:</b>	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
<b>33600</b>	<b>VLCF South Garden on Severn</b>					<b>Project Period</b>	<b>07/01/2021</b>	<b>to 06/30/2023</b>
<b>Revenues</b>								
	40000 Agency Matching Funds	10,930.00	0.00	0.00	0.00	0.00	10,930.00	0.0
	40113 VLCF	312,000.00	10,930.00	0.00	0.00	10,930.00	301,070.00	3.5
	40201 Donations - property	447,070.00	0.00	0.00	0.00	0.00	447,070.00	0.0
	<b>Revenues</b>	<b>770,000.00</b>	<b>10,930.00</b>	<b>0.00</b>	<b>0.00</b>	<b>10,930.00</b>	<b>759,070.00</b>	<b>1.4</b>
<b>Expenses</b>								
	56000 Consulting/Contractual -	8,930.00	8,930.00	0.00	0.00	8,930.00	0.00	100.0
	56004 Legal	0.00	0.00	0.00	3,513.80	3,513.80	(3,513.80)	0.0
	56005 Appraisals	2,000.00	2,000.00	0.00	0.00	2,000.00	0.00	100.0
	56100 Land Expenses	312,000.00	0.00	0.00	0.00	0.00	312,000.00	0.0
	57999 Matching Funds	447,070.00	0.00	0.00	0.00	0.00	447,070.00	0.0
	<b>Expenses</b>	<b>770,000.00</b>	<b>10,930.00</b>	<b>0.00</b>	<b>3,513.80</b>	<b>14,443.80</b>	<b>755,556.20</b>	<b>1.8</b>
	<b>Project Revenues:</b>	<b>770,000.00</b>	<b>10,930.00</b>	<b>0.00</b>	<b>0.00</b>	<b>10,930.00</b>	<b>759,070.00</b>	<b>1.4</b>
	<b>Project Expenses:</b>	<b>770,000.00</b>	<b>10,930.00</b>	<b>0.00</b>	<b>3,513.80</b>	<b>14,443.80</b>	<b>755,556.20</b>	<b>1.8</b>
	<b>Project Balance:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>(3,513.80)</b>	<b>(3,513.80)</b>		

## 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
<b>33700</b>	<b>GoVA Sea Grant Resilience Economy</b>				<b>Project Period</b>	<b>07/01/2021</b>	<b>to 06/30/2023</b>	
<b>Revenues</b>								
	40112 VA Sea Grant	962,500.00	218,750.00	0.00	0.00	218,750.00	743,750.00	22.7
	45100 Retained Income	0.00	(176,569.55)	0.00	176,569.55	0.00	0.00	0.0
	Revenues	962,500.00	42,180.45	0.00	176,569.55	218,750.00	743,750.00	22.7
<b>Expenses</b>								
	56001 Consulting/Contractual	87,500.00	39,131.95	0.00	0.00	39,131.95	48,368.05	44.7
	56004 Legal	0.00	3,048.50	0.00	1,509.50	4,558.00	(4,558.00)	0.0
	56006 Construction	875,000.00	0.00	13,250.00	93,060.41	93,060.41	781,939.59	10.6
	Expenses	962,500.00	42,180.45	13,250.00	94,569.91	136,750.36	825,749.64	14.2
	<b>Project Revenues:</b>	962,500.00	42,180.45	0.00	176,569.55	218,750.00	743,750.00	22.7
	<b>Project Expenses:</b>	962,500.00	42,180.45	13,250.00	94,569.91	136,750.36	825,749.64	14.2
	<b>Project Balance:</b>	0.00	0.00	(13,250.00)	81,999.64	81,999.64		
	<b>Report Total:</b>			(45,580.76)	21,698.28			

## Revenue and Expenditure Report by Element

Middle Peninsula Chesapeake Bay Public Access Auth  
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Element	Description	Budget	Prior Year	Current	YTD	ProjTotal	Un/Over	% Bud
<b>30023</b>	<b>FY23 PAA Administration</b>			<b>Project Period</b>	07/01/2022	to 06/30/2023		
<b>300230</b>	<b>FY23 PAA Administration</b>							
<b>Revenues</b>								
40200	Interest Income	300.00	0.00	532.68	3,474.99	3,474.99	(3,174.99)	1,158.33 %
40202	Donations - cash	0.00	0.00	0.00	47.50	47.50	(47.50)	0.00 %
40211	Access Fees	2,750.00	0.00	472.46	1,828.41	1,828.41	921.59	66.49 %
	Revenues	<u>3,050.00</u>	<u>0.00</u>	<u>1,005.14</u>	<u>5,350.90</u>	<u>5,350.90</u>	<u>(2,300.90)</u>	<u>175.44 %</u>
<b>Expenses</b>								
56001	Consulting/Contractual	0.00	0.00	32.46	128.41	128.41	(128.41)	0.00 %
56002	Audit	4,000.00	0.00	0.00	0.00	0.00	4,000.00	0.00 %
56003	Accounting	1,100.00	0.00	0.00	456.00	456.00	644.00	41.45 %
56004	Legal	2,500.00	0.00	0.00	1,072.00	1,072.00	1,428.00	42.88 %
56008	Public Officials Insurance	550.00	0.00	0.00	0.00	0.00	550.00	0.00 %
56009	General Liability Insurance	150.00	0.00	0.00	0.00	0.00	150.00	0.00 %
57900	Miscellaneous Expense	0.00	0.00	35.00	426.16	426.16	(426.16)	0.00 %
	Expenses	<u>8,300.00</u>	<u>0.00</u>	<u>67.46</u>	<u>2,082.57</u>	<u>2,082.57</u>	<u>6,217.43</u>	<u>25.09 %</u>
	Balance:	<u>(5,250.00)</u>	<u>0.00</u>	<u>937.68</u>	<u>3,268.33</u>	<u>3,268.33</u>		
	<b>Project Revenues:</b>	<u>3,050.00</u>	<u>0.00</u>	<u>1,005.14</u>	<u>5,350.90</u>	<u>5,350.90</u>	<u>(2,300.90)</u>	<u>175.44 %</u>
	<b>Project Expenses:</b>	<u>8,300.00</u>	<u>0.00</u>	<u>67.46</u>	<u>2,082.57</u>	<u>2,082.57</u>	<u>6,217.43</u>	<u>25.09 %</u>
	<b>Project Balance:</b>	<u>(5,250.00)</u>	<u>0.00</u>	<u>937.68</u>	<u>3,268.33</u>	<u>3,268.33</u>		

## Revenue and Expenditure Report by Element

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Element	Description	Budget	Prior Year	Current	YTD	ProjTotal	Un/Over	% Bud
<b>31006</b>	<b>Captain Sinclair Landing</b>							
	<b>Project Period</b>			01/25/2002	to	01/25/2002		
<b>310060</b>	<b>Captain Sinclairs Tenant House Admin</b>							
<b>Revenues</b>								
40212	Rental Income	12,000.00	0.00	0.00	0.00	0.00	12,000.00	0.00 %
	Revenues	12,000.00	0.00	0.00	0.00	0.00	12,000.00	0.00 %
<b>Expenses</b>								
52100	Property Insurance	250.00	0.00	0.00	0.00	0.00	250.00	0.00 %
52101	Facilities Maintenance	300.00	0.00	0.00	300.00	300.00	0.00	100.00 %
52102	Flood Insurance	3,000.00	0.00	0.00	0.00	0.00	3,000.00	0.00 %
52110	Utilities	0.00	0.00	(117.22)	(117.22)	(117.22)	117.22	0.00 %
	Expenses	3,550.00	0.00	(117.22)	182.78	182.78	3,367.22	5.15 %
	Balance:	8,450.00	0.00	117.22	(182.78)	(182.78)		
<b>310061</b>	<b>Captain Sinclairs Main House</b>							
<b>Expenses</b>								
52100	Property Insurance	1,300.00	0.00	0.00	0.00	0.00	1,300.00	0.00 %
52101	Facilities Maintenance	4,700.00	0.00	0.00	0.00	0.00	4,700.00	0.00 %
52102	Flood Insurance	3,000.00	0.00	0.00	1,640.00	1,640.00	1,360.00	54.67 %
52110	Utilities	0.00	0.00	9.92	97.23	97.23	(97.23)	0.00 %
	Expenses	9,000.00	0.00	9.92	1,737.23	1,737.23	7,262.77	19.30 %
	Balance:	(9,000.00)	0.00	(9.92)	(1,737.23)	(1,737.23)		
<b>310064</b>	<b>Pool House/GRA</b>							
<b>Expenses</b>								
52100	Property Insurance	150.00	0.00	0.00	0.00	0.00	150.00	0.00 %
52102	Flood Insurance	2,000.00	0.00	0.00	0.00	0.00	2,000.00	0.00 %
52110	Utilities	0.00	0.00	29.46	91.75	91.75	(91.75)	0.00 %
	Expenses	2,150.00	0.00	29.46	91.75	91.75	2,058.25	4.27 %
	Balance:	(2,150.00)	0.00	(29.46)	(91.75)	(91.75)		
<b>310065</b>	<b>Captain Sinclair Road Repair Fund</b>							
<b>Revenues</b>								
40020	Gloucester County	5,000.00	0.00	0.00	5,000.00	5,000.00	0.00	100.00 %
	Revenues	5,000.00	0.00	0.00	5,000.00	5,000.00	0.00	100.00 %
<b>Expenses</b>								
52101	Facilities Maintenance	6,565.85	0.00	0.00	3,860.00	3,860.00	2,705.85	58.79 %
	Expenses	6,565.85	0.00	0.00	3,860.00	3,860.00	2,705.85	58.79 %
	Balance:	(1,565.85)	0.00	0.00	1,140.00	1,140.00		
	<b>Project Revenues:</b>	17,000.00	0.00	0.00	5,000.00	5,000.00	12,000.00	29.41 %
	<b>Project Expenses:</b>	21,265.85	0.00	(77.84)	5,871.76	5,871.76	15,394.09	27.61 %
	<b>Project Balance:</b>	(4,265.85)	0.00	77.84	(871.76)	(871.76)		

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Element	Description	Budget	Prior Year	Current	YTD	ProjTotal	Un/Over	% Bud
<b>31012</b>	<b>Healy Creek</b>							
			<b>Project Period</b>	07/01/2014	to	06/30/2015		
<b>310120</b>	<b>Healy Creek Administration</b>							
<b>Expenses</b>								
52101	Facilities Maintenance	0.00	0.00	0.00	60.00	60.00	(60.00)	0.00 %
	Expenses	0.00	0.00	0.00	60.00	60.00	(60.00)	0.00 %
	Balance:	0.00	0.00	0.00	(60.00)	(60.00)		
	<b>Project Revenues:</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00 %
	<b>Project Expenses:</b>	0.00	0.00	0.00	60.00	60.00	(60.00)	0.00 %
	<b>Project Balance:</b>	0.00	0.00	0.00	(60.00)	(60.00)		

## Revenue and Expenditure Report by Element

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Element	Description	Budget	Prior Year	Current	YTD	ProjTotal	Un/Over	% Bud
<b>31021</b>	<b>Margaret Lyell Administration</b>							
			<b>Project Period</b>	05/21/2021	to	06/30/2021		
<b>310210</b>	<b>Margaret Lyell Administration</b>							
	<b>Revenues</b>							
40201	Donations - property	151,994.35	151,994.35	0.00	0.00	151,994.35	0.00	100.00 %
40212	Rental Income	0.00	0.00	900.00	900.00	900.00	(900.00)	0.00 %
	Revenues	151,994.35	151,994.35	900.00	900.00	152,894.35	(900.00)	100.59 %
	Balance:	151,994.35	151,994.35	900.00	900.00	152,894.35		
<b>310211</b>	<b>Margaret Lyell Tenant House</b>							
	<b>Revenues</b>							
40212	Rental Income	10,800.00	0.00	0.00	6,300.00	6,300.00	4,500.00	58.33 %
	Revenues	10,800.00	0.00	0.00	6,300.00	6,300.00	4,500.00	58.33 %
	<b>Expenses</b>							
52100	Property Insurance	414.00	0.00	0.00	0.00	0.00	414.00	0.00 %
52101	Facilities Maintenance	500.00	0.00	0.00	0.00	0.00	500.00	0.00 %
52110	Utilities	0.00	0.00	0.00	385.30	385.30	(385.30)	0.00 %
	Expenses	914.00	0.00	0.00	385.30	385.30	528.70	42.16 %
	Balance:	9,886.00	0.00	0.00	5,914.70	5,914.70		
	<b>Project Revenues:</b>	162,794.35	151,994.35	900.00	7,200.00	159,194.35	3,600.00	97.79 %
	<b>Project Expenses:</b>	914.00	0.00	0.00	385.30	385.30	528.70	42.16 %
	<b>Project Balance:</b>	161,880.35	151,994.35	900.00	6,814.70	158,809.05		

## Revenue and Expenditure Report by Element

Middle Peninsula Chesapeake Bay Public Access Auth  
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Element	Description	Budget	Prior Year	Current	YTD	ProjTotal	Un/Over	% Bud
<b>32001</b>	<b>Dan Kavanagh Memorial Fund</b>							
			<b>Project Period</b>	07/01/2013	to	06/30/2015		
<b>320010</b>	<b>Kavanagh Memorial Fund</b>							
<b>Revenues</b>								
40201	Donations - property	1,389.00	1,389.00	0.00	0.00	1,389.00	0.00	100.00 %
	Revenues	1,389.00	1,389.00	0.00	0.00	1,389.00	0.00	100.00 %
<b>Expenses</b>								
56001	Consulting/Contractual	1,389.00	0.00	1,375.68	1,375.68	1,375.68	13.32	99.04 %
	Expenses	1,389.00	0.00	1,375.68	1,375.68	1,375.68	13.32	99.04 %
	Balance:	0.00	1,389.00	(1,375.68)	(1,375.68)	13.32		
<b>Project Revenues:</b>		1,389.00	1,389.00	0.00	0.00	1,389.00	0.00	100.00 %
<b>Project Expenses:</b>		1,389.00	0.00	1,375.68	1,375.68	1,375.68	13.32	99.04 %
<b>Project Balance:</b>		0.00	1,389.00	(1,375.68)	(1,375.68)	13.32		

## Revenue and Expenditure Report by Element

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Element	Description	Budget	Prior Year	Current	YTD	ProjTotal	Un/Over	% Bud
<b>33400</b>	<b>VMRC Public Fishing Pier</b>							
			<b>Project Period</b>	10/1/2020	to	6/30/2023		
<b>334000</b>	<b>VMRC Public Fishing Pier</b>							
<b>Revenues</b>								
40000	Agency Matching Funds	40,000.00	0.00	0.00	0.00	0.00	40,000.00	0.00 %
40108	VMRC	50,000.00	15,303.06	0.00	0.00	15,303.06	34,696.94	30.61 %
40109	Marker Nine	0.00	380.00	0.00	0.00	380.00	(380.00)	0.00 %
	Revenues	<u>90,000.00</u>	<u>15,683.06</u>	<u>0.00</u>	<u>0.00</u>	<u>15,683.06</u>	<u>74,316.94</u>	<u>17.43 %</u>
<b>Expenses</b>								
56001	Consulting/Contractual	10,000.00	10,520.66	21,312.00	41,312.00	51,832.66	(41,832.66)	518.33 %
56004	Legal	0.00	2,331.00	0.00	0.00	2,331.00	(2,331.00)	0.00 %
56006	Construction	80,000.00	0.00	11,558.60	23,126.15	23,126.15	56,873.85	28.91 %
56007	Fees & Permits	0.00	400.00	0.00	0.00	400.00	(400.00)	0.00 %
57900	Miscellaneous Expense	0.00	56.40	0.00	0.00	56.40	(56.40)	0.00 %
57999	Matching Funds	0.00	2,375.00	0.00	125.00	2,500.00	(2,500.00)	0.00 %
	Expenses	<u>90,000.00</u>	<u>15,683.06</u>	<u>32,870.60</u>	<u>64,563.15</u>	<u>80,246.21</u>	<u>9,753.79</u>	<u>89.16 %</u>
	Balance:	<u>0.00</u>	<u>0.00</u>	<u>(32,870.60)</u>	<u>(64,563.15)</u>	<u>(64,563.15)</u>		
<b>Project Revenues:</b>		<u>90,000.00</u>	<u>15,683.06</u>	<u>0.00</u>	<u>0.00</u>	<u>15,683.06</u>	<u>74,316.94</u>	<u>17.43 %</u>
<b>Project Expenses:</b>		<u>90,000.00</u>	<u>15,683.06</u>	<u>32,870.60</u>	<u>64,563.15</u>	<u>80,246.21</u>	<u>9,753.79</u>	<u>89.16 %</u>
<b>Project Balance:</b>		<u>0.00</u>	<u>0.00</u>	<u>(32,870.60)</u>	<u>(64,563.15)</u>	<u>(64,563.15)</u>		



## Revenue and Expenditure Report by Element

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Element	Description	Budget	Prior Year	Current	YTD	ProjTotal	Un/Over	% Bud
<b>33500</b>	<b>VLCF Tappahannock Hoskins Creek</b>		<b>Project Period</b>	07/01/2021	to	06/30/2023		
<b>335000</b>	<b>VLCF Tappahannock Hoskins Creek</b>							
<b>Revenues</b>								
40113	VLCF	200,000.00	0.00	0.00	0.00	0.00	200,000.00	0.00 %
40201	Donations - property	340,000.00	0.00	0.00	0.00	0.00	340,000.00	0.00 %
	Revenues	540,000.00	0.00	0.00	0.00	0.00	540,000.00	0.00 %
<b>Expenses</b>								
56100	Land Expenses	200,000.00	0.00	0.00	0.00	0.00	200,000.00	0.00 %
57999	Matching Funds	340,000.00	0.00	0.00	0.00	0.00	340,000.00	0.00 %
	Expenses	540,000.00	0.00	0.00	0.00	0.00	540,000.00	0.00 %
	Balance:	0.00	0.00	0.00	0.00	0.00		
	<b>Project Revenues:</b>	540,000.00	0.00	0.00	0.00	0.00	540,000.00	0.00 %
	<b>Project Expenses:</b>	540,000.00	0.00	0.00	0.00	0.00	540,000.00	0.00 %
	<b>Project Balance:</b>	0.00	0.00	0.00	0.00	0.00		

## Revenue and Expenditure Report by Element

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Element	Description	Budget	Prior Year	Current	YTD	ProjTotal	Un/Over	% Bud
<b>33600</b>	<b>VLCF South Garden on Severn</b>							
			<b>Project Period</b>	07/01/2021	to	06/30/2023		
<b>336000</b>	<b>VLCF South Garden on Severn</b>							
<b>Revenues</b>								
40000	Agency Matching Funds	10,930.00	0.00	0.00	0.00	0.00	10,930.00	0.00 %
40113	VLCF	312,000.00	10,930.00	0.00	0.00	10,930.00	301,070.00	3.50 %
40201	Donations - property	447,070.00	0.00	0.00	0.00	0.00	447,070.00	0.00 %
	<b>Revenues</b>	<b>770,000.00</b>	<b>10,930.00</b>	<b>0.00</b>	<b>0.00</b>	<b>10,930.00</b>	<b>759,070.00</b>	<b>1.42 %</b>
<b>Expenses</b>								
56000	Consulting/Contractual - C	8,930.00	8,930.00	0.00	0.00	8,930.00	0.00	100.00 %
56004	Legal	0.00	0.00	0.00	3,513.80	3,513.80	(3,513.80)	0.00 %
56005	Appraisals	2,000.00	2,000.00	0.00	0.00	2,000.00	0.00	100.00 %
56100	Land Expenses	312,000.00	0.00	0.00	0.00	0.00	312,000.00	0.00 %
57999	Matching Funds	447,070.00	0.00	0.00	0.00	0.00	447,070.00	0.00 %
	<b>Expenses</b>	<b>770,000.00</b>	<b>10,930.00</b>	<b>0.00</b>	<b>3,513.80</b>	<b>14,443.80</b>	<b>755,556.20</b>	<b>1.88 %</b>
	<b>Balance:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>(3,513.80)</b>	<b>(3,513.80)</b>		
<b>Project Revenues:</b>		<b>770,000.00</b>	<b>10,930.00</b>	<b>0.00</b>	<b>0.00</b>	<b>10,930.00</b>	<b>759,070.00</b>	<b>1.42 %</b>
<b>Project Expenses:</b>		<b>770,000.00</b>	<b>10,930.00</b>	<b>0.00</b>	<b>3,513.80</b>	<b>14,443.80</b>	<b>755,556.20</b>	<b>1.88 %</b>
<b>Project Balance:</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>(3,513.80)</b>	<b>(3,513.80)</b>		

## Revenue and Expenditure Report by Element

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Element	Description	Budget	Prior Year	Current	YTD	ProjTotal	Un/Over	% Bud
<b>33700</b>	<b>GoVA Sea Grant Resilience Economy</b>		<b>Project Period</b>	07/01/2021	to	06/30/2023		
<b>337000</b>	<b>GoVA Sea Grant Resilience Economy</b>							
<b>Revenues</b>								
40112	VA Sea Grant	962,500.00	218,750.00	0.00	0.00	218,750.00	743,750.00	22.73 %
45100	Retained Income	0.00	(176,569.55)	0.00	176,569.55	0.00	0.00	0.00 %
	<b>Revenues</b>	<b>962,500.00</b>	<b>42,180.45</b>	<b>0.00</b>	<b>176,569.55</b>	<b>218,750.00</b>	<b>743,750.00</b>	<b>22.73 %</b>
<b>Expenses</b>								
56001	Consulting/Contractual	87,500.00	39,131.95	0.00	0.00	39,131.95	48,368.05	44.72 %
56004	Legal	0.00	3,048.50	0.00	1,509.50	4,558.00	(4,558.00)	0.00 %
56006	Construction	875,000.00	0.00	0.00	0.00	0.00	875,000.00	0.00 %
	<b>Expenses</b>	<b>962,500.00</b>	<b>42,180.45</b>	<b>0.00</b>	<b>1,509.50</b>	<b>43,689.95</b>	<b>918,810.05</b>	<b>4.54 %</b>
	Balance:	0.00	0.00	0.00	175,060.05	175,060.05		
<b>337001</b>	<b>Biogenic Solutions Consulting</b>							
<b>Expenses</b>								
56006	Construction	0.00	0.00	13,250.00	35,820.00	35,820.00	(35,820.00)	0.00 %
	<b>Expenses</b>	<b>0.00</b>	<b>0.00</b>	<b>13,250.00</b>	<b>35,820.00</b>	<b>35,820.00</b>	<b>(35,820.00)</b>	<b>0.00 %</b>
	Balance:	0.00	0.00	(13,250.00)	(35,820.00)	(35,820.00)		
<b>337002</b>	<b>Triangle Environmental Health Initiative</b>							
<b>Expenses</b>								
56006	Construction	0.00	0.00	0.00	12,080.77	12,080.77	(12,080.77)	0.00 %
	<b>Expenses</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>12,080.77</b>	<b>12,080.77</b>	<b>(12,080.77)</b>	<b>0.00 %</b>
	Balance:	0.00	0.00	0.00	(12,080.77)	(12,080.77)		
<b>337003</b>	<b>Natrx</b>							
<b>Expenses</b>								
56006	Construction	0.00	0.00	0.00	45,159.64	45,159.64	(45,159.64)	0.00 %
	<b>Expenses</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>45,159.64</b>	<b>45,159.64</b>	<b>(45,159.64)</b>	<b>0.00 %</b>
	Balance:	0.00	0.00	0.00	(45,159.64)	(45,159.64)		
	<b>Project Revenues:</b>	<b>962,500.00</b>	<b>42,180.45</b>	<b>0.00</b>	<b>176,569.55</b>	<b>218,750.00</b>	<b>743,750.00</b>	<b>22.73 %</b>
	<b>Project Expenses:</b>	<b>962,500.00</b>	<b>42,180.45</b>	<b>13,250.00</b>	<b>94,569.91</b>	<b>136,750.36</b>	<b>825,749.64</b>	<b>14.21 %</b>
	<b>Project Balance:</b>	<b>0.00</b>	<b>0.00</b>	<b>(13,250.00)</b>	<b>81,999.64</b>	<b>81,999.64</b>		
	<b>Report Total:</b>			<b>(45,580.76)</b>	<b>21,698.28</b>			



**Proposal to  
VIRGINIA PORT AUTHORITY  
Virginia Waterway Maintenance Fund**

**Project:  
Middle Peninsula  
Dredge Material Management & Handling Initiative**

**Applicant:**  
Middle Peninsula Planning District Commission on behalf of  
Middle Peninsula Chesapeake Bay Public Access Authority

**Total Project Cost  
\$1,095,000 (Option A) or \$555,000 (Option B)**

*Note: Two alternative scopes and budgets are offered for consideration in an effort to provide VPA with a funding level which can be accommodated due to anticipated excessive demand. Either alternative can be adjusted, and the applicant is willing to discuss these changes to the scope and awarded amount if deemed necessary by VPA.*



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## Statement of Need and Urgency

The Middle Peninsula Planning District Commission (MPPDC) on behalf of the Middle Peninsula Chesapeake Bay Public Access Authority (MPCBPAA) is requesting funding to address and overcome the highest priority challenge regarding municipal dredging projects, including those currently permitted and those with designs but have yet to be permitted – the management and handling of dredged materials. The Middle Peninsula Dredged Material Management and Handling Initiative will involve the development of a customized Master Plan for the Middle Plan for the upland staging and handling of dredged material from local creeks at a network of strategically positioned Confined Disposal Facilities (CDF) and/or Confined Aquatic Disposal sites. The project will involve implementation of the highest priority and most urgent strategies identified within the Master Plan:

- the development of legal documents for easement agreements,
- use and liability agreements for material ownership,
- legal documents for a public-private partnership for processing and manufacturing of products using dredged materials, and
- the acquisition or lease of property for the development of highest priority CDF sites.

### *Background*

As devolution has occurred in rural coastal communities around the nation and Commonwealth of Virginia, it has created a series of new problems specifically related to the management and handling of dredged material.

The handling of dredged materials includes the removal and placement from one location to some other location, dewatering followed by separation, solidification, thermal desorption, or incineration, and adding amendments to create various products for beneficial reuse. For rural coastal communities like those in the Middle Peninsula, historic disposal sites are mostly limited or unusable. Additionally, legacy sites are privately owned with expired easement agreements or already built upon. Existing upland holding areas are commonly undersized and need to be at least proportional to dredge material volume. Finally, VMRC does not allow for in-water disposal except under “exceptional circumstances” which makes upland holding areas of much greater importance.

With Congress defunding shallow water dredging, local governments must now holistically approach all aspects of the dredging project, including dredge material management, beneficial reuse and Confined Disposal Facility (CDF) development and management. Such is the case regardless of dredging technique as both hydraulic and mechanical dredging require material handling, storage and final use and disposal of material. Additionally, Confined Aquatic Disposal (CAD) has been implemented in other states; however, has not been permitted in the Commonwealth in recent years (if ever). Local governments need multiple material handling approaches and strategies for each individual waterway to ensure projects are efficiently completed and taxpayer funds expended in the most cost-effective way.

This proposal consists of two primary activities: 1) Development of an actionable Dredged Material Management and Handling Master Plan and 2) Implementation of Top Priority Master Plan Strategies. It is anticipated that the completion of these activities will result in the effective and efficient advancement of dredging projects in the Middle Peninsula and serve as a model for other coastal communities to empower them to be able to do the same.

### **Geographic Area and Project Area Details**

The proposed activities will focus on the jurisdictions within the Middle Peninsula region including six counties (Gloucester, Mathews, Middlesex, Essex, King and Queen, and King William) and three incorporated towns (West Point, Urbanna, and Tappahannock). All 120 navigable waterways important

for commercial and recreational boating activity will be considered in the project activities. Representatives from the jurisdictions will be engaged throughout the duration of the individual project elements. **Figure I** illustrates the geographic area of the proposed activities.

Figure I: Map of Middle Peninsula localities.



## Total Project Cost, Total Amount of Funding Requested, and Budget

The MPCBPAA is proposing two alternative scopes and budget requests for 2023 VPA WMF funding in an effort to provide VPA with a funding level which can be accommodated due to anticipated excessive demand. Either alternative can be adjusted, and the applicant is willing to discuss these changes to the scope and awarded amount if deemed necessary by VPA.

Option A is for a total request of \$1,095,000 and involves the full suite of CAD and CDF activities discussed in this application and includes the acquisition and site preparation of one. Two, or more CDF pilot sites (depending on acquisition/lease costs and VPA award levels). Option B is for a total request of \$555,000 and includes the CDF activities discussed in this application and the acquisition and site preparation of only one CDF pilot site. Furthermore, for Option A, it is unknown whether VMRC will even entertain CAD, so if it is learned early on that no permitting lane exists for CAD, then it is proposed that the funding budgeted for CAD be reallocated for use in acquiring or leasing land for CDF operations. Additionally, considering that land acquisition is the most important aspect for the region's disposal needs, the highest priority funding element for both proposed funding options is land acquisition, and should it be found that insufficient budget estimates for land acquisition have been included, then the scope and budget will be reworked to ensure that land acquisition and establishment of CDF site(s) may be completed with the funding award level.

The budgets for the two respective options are included in the following table.

<b>Middle Peninsula Dredge Material Management &amp; Handling Initiative</b>		
<b>Activity</b>	<b>Option A:</b> <i>CAD &amp; CDF Master Plan w/ 1, 2, or more pilot CDF sites</i> <b>Total WMF Request = \$1,095,000</b>	<b>Option B:</b> <i>CDF Master Plan w/ 1 pilot CDF site</i> <b>Total WMF Request = \$555,000</b>
MPPDC for 1) grant administration, 2) staff for development of Methodology & Implementation Plan for network of CDF and/or CAD, 3) staff for land acquisition oversight & closing	\$140,000	\$100,000
Legal for Procurement Document development and oversight (Sands Anderson)	\$5,000	\$5,000
CAD Legal & Regulatory Analysis Report Development (University or other)	\$25,000	\$0 (Not Included in Option B)
CAD Area Identification Study (VIMS-SSP or other)	\$150,000	\$0 (Not Included in Option B)
CAD Area Technical Site assessment (VIMS-SSP or other)	\$25,000	\$0 (Not Included in Option B)
CDF Legal work & document development (Sands Anderson)	\$50,000	\$50,000
CDF technical site assessment (Procured Contractor)	\$100,000	\$100,000
Conceptual engineering design and cost (Procured Contractor)	\$100,000 for 1, 2, or more CDF sites (depending on costs/award levels)	\$50,000 for one CDF site
Land Acquisition & CDF Site Prep costs	\$500,000 for 1, 2, or more CDF sites (depending on costs/award levels)	\$250,000 for one CDF site

**Timeline and Phases of Project**

The Middle Peninsula Chesapeake Bay Public Access Authority proposes a project that aims to accomplish the following tasks:

**TASK I – Development of Dredged Material Management and Handling Master Plan (estimated July 2023 – June 2024)**

Task I will consist of up to three distinct subtasks which when completed, will comprise the Master Plan for dredged material and handling for permitted and to-be permitted dredging projects in the Middle Peninsula.

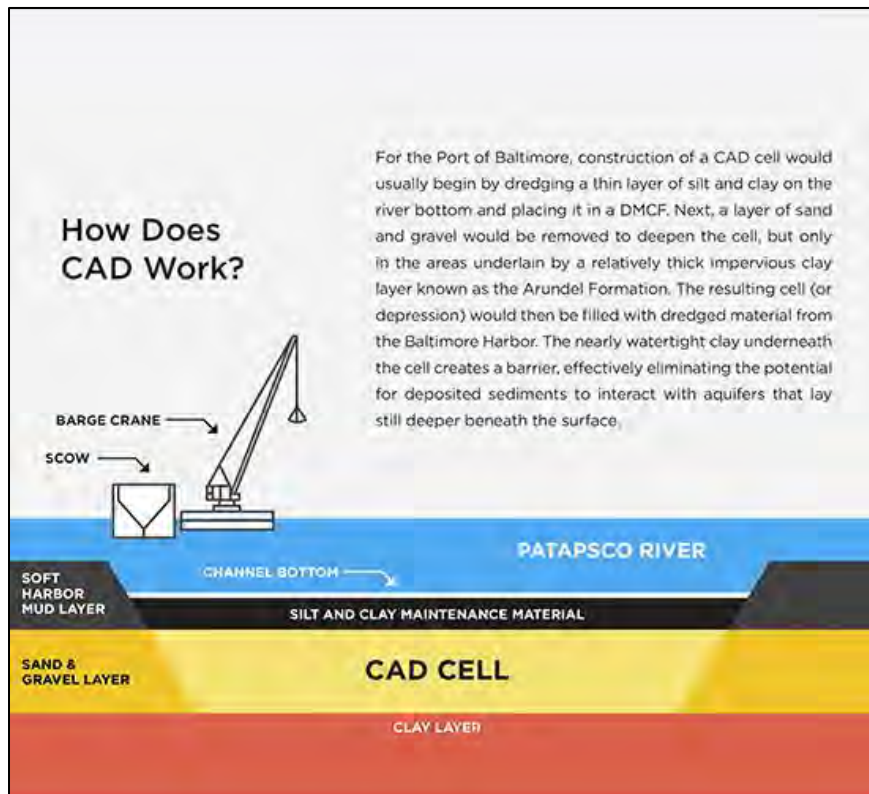
**Subtask I-A: Confined Aquatic Disposal (CAD) Strategy Development \*\*\*Only Included in funding request for Option A\*\*\***

If Option A is awarded, MPPDC staff will immediately meet with VMRC to consult as to the legality of CAD in the Commonwealth. If a permissible avenue exists, MPPDC staff, on behalf of the MPCBPAA, will initiate a CAD Strategy Development process. The strategy will involve a study to identify potential use of Confined Aquatic Disposal (CAD) cells as a disposal option. CAD has not been utilized in Virginia and the study will build upon the experiences and work of the Maryland Port Authority and others who have utilized CAD to advance dredging operations in a cost-efficient manner.

The vast majority of dredging projects in the Middle Peninsula consist of material which is too fine for the most readily available type of beneficial reuse, which is shoreline placement or beach renourishment. As such, the traditional method of disposal for dredged mud has been upland disposal, which in and of itself has proven to be very costly and often challenging with regards to

the presence of wetlands or conflicts with neighboring land uses. CAD presents a potentially cheaper alternative for the disposal of dredged mud and offers the potential for the beneficial reuse of sand for coastal resilience purposes at the same time. CAD consists of dredging available sub-aqueous sand deposits and replacing the excavated cavity with dredged material from a nearby creek. In most instances, the dredged sand is beneficially reused by placing it along adjacent shorelines experiencing erosion or staging the sand in an upland area so that it may be used for construction purposes. Once the dredged mud has been used to fill the excavated cavity, steps are taken to ensure that the material is not going to be moved by currents, wave action, or resuspension (**Figure 2**).

**Figure 2** – Diagram Explaining Confined Aquatic Disposal (From Maryland Port Authority)



The proposed CAD study would consist of several elements: 1) an inventory and assessment of available sub-aqueous sand resources where no or minimal conflicts exist (i.e., outside of leased or public trust bottom areas, no submerged aquatic vegetation, etc.), 2) a strategic assessment of dredging needs of adjacent creeks and prospective locations for beneficial reuse of dredged sand, 3) a report summarizing legal and regulatory framework for Maryland and other states for CAD activities, and 4) a technical site assessment for a single prospective CAD area to determine necessary and feasible specifications for the area, should a strong prospective area for a CAD cell be identified .

We anticipate using the VIMS Shoreline Studies Program to conduct the inventory and assessment of available subaqueous sand resources. This work will consist of a literature and data review of all geological survey information for subaqueous sediments and analysis of datasets for potential use conflicts in the Middle Peninsula (i.e., leased and public trust bottom areas, SAV, sensitive habitat, utilities, etc.). GIS Mapping will be utilized to identify specific areas



where CAD could be feasible with no or minimal use conflicts. Coring and geophysical surveys will then be utilized at identified areas to determine the approximate area and volume of the sand deposit. Subsequently, adjacent channels with proximity of the prospect CAD area will be assessed and characterized to determine whether the amount of sediment needing to be dredged would fit within the prospective CAD area. Additionally, prospective beneficial reuse locations will be identified for shoreline placement of the sand or temporary upland staging of the sand for construction uses. Since the ultimate number of prospective CAD areas is unknown at this time, VIMS will be contracted to conduct as many field surveys as the awarded amount will provide for and the prioritization of targeted sites will be determined through discussions with the local government administrators.

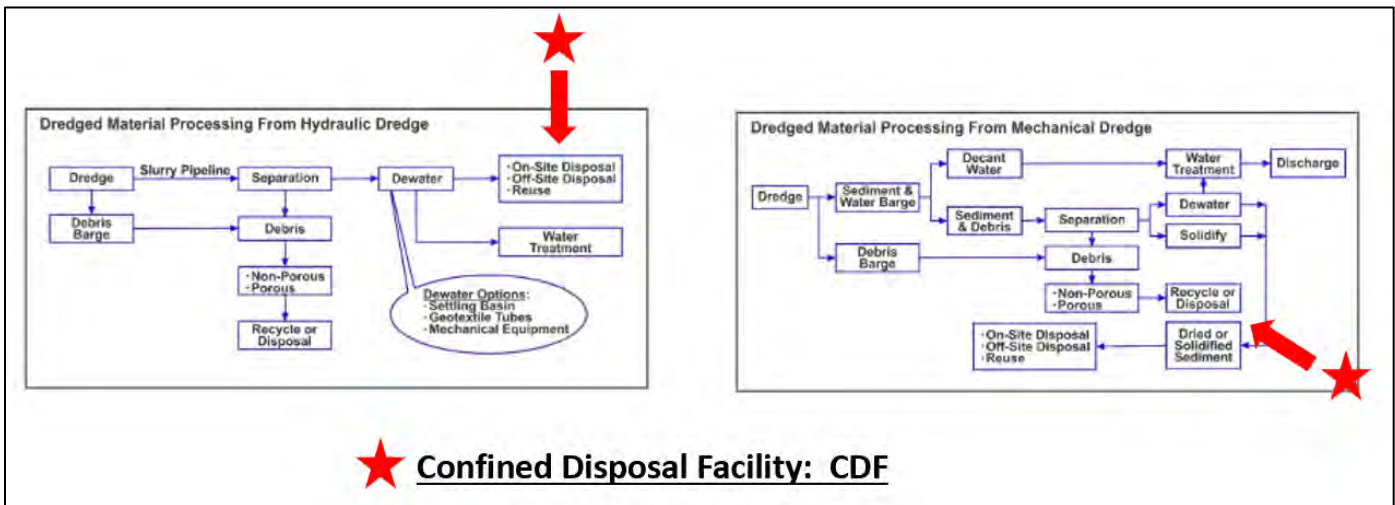
Concurrently, we anticipate using the VA Coastal Policy Center or other legal research entity to research CAD operations in Maryland and other states and develop a report summarizing the legal and permitting framework which other states have utilized to allow CAD projects. The summary report will include an explanation of what CAD activities are currently permissible in Virginia and/or what steps would need to be taken to allow for CAD activities in the future.

Should a strong prospective site for a CAD area be identified, MPCBPAA will contract with a firm experienced in CAD to design the specifications for the future development of the site.

**Subtask I-B: Confined Disposal Facility (CDF) Strategy Development \*\*\*Included in funding requests for both Option A and Option B\*\*\***

Design of a new CDF involves determining the necessary site geometry such as the area and dike height (USACE, 2015). Additional considerations are site configuration and access, proximity to sensitive environments, topography to include potential changes in elevation and runoff patterns and adjacent drainage, groundwater levels, and soil properties. Many of these characteristics need to be determined by site visits to potential CDF locations. **Figure 3** shows schematics for dredged material process for both hydraulic and mechanical dredging operations with the disposal strategies for each highlighted in red representing where current and future dredging projects are anticipated to experience challenges.

**Figure 2 – Schematics Illustrating the Steps Involved in Dredged Material Processing**



The first step in the CDF Strategy Development will be to work with MPPDC legal counsel (Sands Anderson) to conduct necessary legal work and develop legal documents to support the acquisition or lease of property associated with CDFs. This will include the development of legal documents or easement agreements; dredged material ownership, use and liability agreements;

and the development of a public-private partnership structure for processing and manufacturing of products using dredged material.

Once the legal documents needed for managing and handling the material are in place, a planning study in the form of a CDF Technical Site Assessment will be undertaken by MPPDC or contracted professionals to research and ascertain CDF site logistics. This will be done by following the technical framework established by the US Environmental Protection Agency for [Evaluating Environmental Effects of Dredged Material Management Alternatives](#) and will include but will not be limited to:

- evaluation of local zoning and permitting regulations pertaining to the construction and operations for CDFs;
- determination of the needed available area and volumetric storage capacity to contain the material for the required life for the CDF sites;
- evaluation of real estate considerations;
- determination of needed site configuration and access for CDFs;
- determination of proximity to sensitive ecological environments; and
- evaluation of topography to include potential changes in elevation and runoff patterns.

**Subtask I-C: Methodology & Implementation Plan for network of identified CDF and/or CAD facilities. \*\*\*Included in funding requests for both Option A and Option B\*\*\***

A network of CDF Purchase/Lease sites and/or CAD sites (depending on VPA award levels) will be established by MPPDC staff or hired professional consultants. This will be done using the [2019 VIMS Shallow Water Dredging and Disposal Site Strategies](#) report to develop a methodology and strategy which ensures that a network of publicly owned/leased CDF sites exists in proximity to publicly financed dredging projects across the Middle Peninsula.

Once preferred CDF and/or CAD sites have been identified and evaluated, MPCBPAA will work with a procured contractor to develop conceptual engineering and designs for CDF sites within ~2 miles of Middle Peninsula dredging project locations which can be purchased or leased. MPPDC staff or hired professional consultants will work to identify a network of CDF sites which can meet the needs within the Middle Peninsula. Conceptual engineering and designs for each CDF site in the network will include physical site plans, engineered designs, and access plans. The conceptual plans will position each CDF site in the network such that site work plans, as-built drawings for CDF and material storage and access, stormwater and water discharge, and cost estimates are available so that the MPCBPAA has a clear Master Plan for disposal for years to come.

### **TASK 2 – Implementation of Top Priority Master Plan Strategies (estimated July 2024 – December 2024) \*\*\*Included in funding requests for both Option A and Option B\*\*\***

The MPCBPAA Board and member jurisdictions will work to identify one, two or more pilot CDF sites depending on acquisition costs and VPA award levels within the identified CDF network which can be purchased or leased using VPA funds. Depending on final purchase or lease costs and as funding allows, site preparation will be undertaken for the pilot site(s).

#### **Status of Any Necessary Permits**

The proposed research, planning, and design activities will not require any permits. MPPDC staff will complete and apply for all necessary local, state and federal permits as required and as necessary for the preparation of the CDF site(s),

### **Adequacy of the Application’s Project Management**

Upon receipt of funding, the Middle Peninsula Chesapeake Bay Public Access Authority will contract with the Middle Peninsula Planning District Commission to manage the project. Since 1968, the Middle Peninsula Planning District Commission has collaborated with and coordinated with Middle Peninsula localities including Essex, Gloucester, King & Queen, King William, Mathews and Middlesex Counties and the Towns of Tappahannock, West Point, and Urbanna. MPPDC has a proven track record of successfully executing projects funded through a variety of entities (i.e., State Government, Federal Government, and 501(c)(3) nonprofit organizations) that focus on delivering Middle Peninsula localities effective solutions to their local or regional issues. MPPDC was awarded and has successfully managed seven VPA Waterway Maintenance Funding contracts to date with two additional ongoing awards for implementation of a dredging projects in 2022-2023. For this project, MPPDC staff will work with the appropriate technical and legal staff to execute the tasks outlined in this proposal. MPPDC staff that will work to manage this project include:

Lewie Lawrence, MPPDC Executive Director: Coordinates and oversees all agency planning activities for the MPPDC;

Heather Modispaw, MPPDC Chief Financial Officer: Directs and oversees all financial activities of the MPPDC including preparation of financial reports and budgets.

Curtis Smith, MPPDC Deputy Director: Works as project manager for projects and assists with coordination and oversight of all agency MPPDC planning activities. Skills include conveyance of technical topics, land use tool and policy development, group facilitation, education and outreach, research and policy analysis, graphic art, and grant writing.

### **Feasibility of Proposed Planning and/or Dredging Project.**

The feasibility of the proposed technical assistance, planning, and research activities will be the result of partnerships between the Middle Peninsula Chesapeake Bay Public Access Authority, the Middle Peninsula Planning District Commission and its member jurisdictions, and the VIMS Shoreline Studies Program. MPPDC, VIMS, and the VA Coastal Policy Center have collaborated on numerous studies similar to the proposed Confined Aquatic Disposal study task which combine coastal research with real-world considerations for policies, regulations and laws applicable for specific activities.

### **Project Selection Process.**

The proposed activities build upon the outcomes of the Middle Peninsula Dredging Implementation Plan which has been identified by the local government administrators of the Middle Peninsula localities and the MPPDC as a critical step towards meeting the critical dredging needs within the region. The member jurisdictions of the MPPDC see the proposed project and associated tasks as the next steps towards advancing solutions for the region’s dredging needs. The proposed activities have been discussed recently with the MPPDC Board during its November 2022 meeting and are in line with the MPPDC Board resolution passed on February 26, 2020 (**Appendix A**).

### **Potential Beneficial Use of Dredged Materials for the Purpose of Mitigation of Coastal Erosion, Flooding, or Other Purposes**

The proposed planning activities will not directly result in any beneficial reuse, but the intention is to set the stage for beneficial reuse of the dredged material in the future. Each beneficial reuse opportunity will be different for each CDF within the Middle Peninsula’s CDF network. Beneficial reuse opportunities will range from shoreline protection structures, artificial reef structures, non-structural concrete for landscaping, etc.; structural concrete in the form of concrete gravel for driveways and lanes; or other innovative uses. The MPCBPAA and MPPDC will work with its private sector partners who will provide

expertise in these matters throughout the planning process to decide the best use and location for the dredged material.

Also, to assist in the disposal site selection and /or beneficial use of dredging material, the MPPDC was funded in 2018, through the Virginia Coastal Zone Management (CZM) Program to identify opportunities for beneficial use of dredged material throughout the Tidewater Virginia.

Finally, the disposal and/or placement of the dredged material will coincide with the Regional Sediment Management strategy developed in Mathews County. The full report is found here: <http://www.aldenst.com/wordpress/wp-content/uploads/2017/01/RSM-in-Matthews-County-VA.pdf>.

### **Potential Beneficial Impact to the Community**

The development and implementation of the highest priority activities for dredged material management and handling will greatly enhance the ability for dredging projects to advance in a more efficient and effective manner as described in previous sections.

The dredging of shoaled channels will benefit the community in a variety of ways. First, by providing ease of access to and from the Chesapeake Bay and its tributaries for commercial watermen as well as recreational boaters. Second, the US Coast Guard has the potential to use the open channels to reach calls quicker. Finally, boaters traveling past the dredged channels will more easily and safely be able access the marinas, boat yards and other working waterfront businesses located in the region. This will bring more revenue to local businesses and increase visibility of the Middle Peninsula in the boating community. As explained above, the local government programs are anticipated to create and grow the dredging industry, resulting in new direct, indirect, and induced jobs, businesses and services in the region.

The Middle Peninsula's working waterfronts were inventoried in 2011 and may be found here: <https://www.deq.virginia.gov/Portals/0/DEQ/CoastalZoneManagement/FundsInitiativesProjects/task92-12c.pdf>.

Additionally, establishing operations via public-private partnerships or other means where manufacturing of dredged material may occur will directly contribute local communities and economies via the creation of new jobs. Concrete products made of dredged material have the potential to help local, state, and national deficits in concrete as well as providing innovative solutions which can help reduce nutrient loading and even absorption of carbon from the atmosphere. The MPPDC and MPCBPAA have established professional relationships and a strong history working with private sector companies committed to partnering with the Middle Peninsula to advance innovative and beneficial solutions for the reuse of dredged material via the manufacturing of concrete products.

### **Economic Justification for Need**

Middle Peninsula localities are recognized as being fiscally stressed as compared to other communities in the Commonwealth. The VA General Assembly by creation and funding of the WMF has declared shallow draft dredging a state priority and have enabled projects to be funded. However, there is an enormous amount of planning and logistical work involved with administering and managing dredging projects where the requested WMF funds are needed to help with the advancement and administration of dredging projects with specific emphasis and focus on the disposal and reuse of dredged materials.

The channels to be included in the proposed effort are essential gateways to the Middle Peninsula's working waterfronts. Economically, working waterfront industries contribute to Middle Peninsula local and regional economies. Revenue is generated through tourism and recreation, boat building, harvesting of natural resources, maritime transport, and marine construction.

Within the Middle Peninsula recreation and commercial activity provide a large economic benefit to the counties as well as the Commonwealth. **Appendix C** offers a list of Virginia Marine Resources Commission Commercial Licenses and Permits purchased by member jurisdictions' residents. A summary from the Virginia Working Waterfronts Master Plan (2015) of economic activity in the Middle Peninsula is included below.

ESSEX COUNTY –\$7,285 in VMRC Commercial Licenses & Permits representing 42 different types of licenses (2015).

GLOUCESTER COUNTY –\$181,098 in VMRC Commercial Licenses & Permits representing 104 different types of licenses (2015)

KING WILLIAM COUNTY –\$8,245 in VMRC Commercial Licenses & Permits representing 39 different types of licenses (2015)

ING & QUEEN COUNTY–\$6,993 in VMRC Commercial Licenses & Permits representing 35 different types of licenses (2015).

MIDDLESEX COUNTY–\$70,435 in VMRC Commercial Licenses & Permits representing 80 different types of licenses (2015).

MATHEWS COUNTY–\$57,481 in VMRC Commercial Licenses & Permits representing 86 different types of licenses (2015).

Table 4: Maritime jobs counting for employees, wages (2013), and good & services (NOAA Coastal County Snapshots, 2013).				
County	Maritime Employees	Percentage of Jobs in County	Maritime job Wages	Goods and Services
Mathews	111	1.7%	\$1 million	\$2 million
Gloucester	902	9.5%	\$12 million	\$23 million
Middlesex	247	7.7%	\$4 million	\$8 million
Essex	400	-	\$5.7 million	\$10.8 million
<i>Please note that NOAA does not track data for King William and King &amp; Queen Counties, which is why they are not included in this table.</i>				

Additionally, previous MPPDC studies have shown a direct correlation between navigability and local property values. Local findings indicate that for every foot of change in channel depth in a navigable channel, there is a 16% change in real estate value to properties adjacent to the subject waterway. For instance, if a channel shoals by one-foot, real estate values decrease 16% in response to that change. Conversely, if dredging results in a channel that is deeper by two feet, then real estate values increase by 32%. This finding demonstrates how critical navigability is to the tax base of rural coastal localities and it is anticipated that the proposed activities will have significant to real estate property values in the region.

Most importantly, very few of the VPA-funded dredging design projects will achieve implementation under the current level of funding and the development of local government operations are essential to implementation of any of the work that VPA has funded for design to date. The outcomes will be transferrable to other rural localities around the Commonwealth and result in optimal and cost-efficient government operation.

**Appendix A: Resolution to submit proposal to Virginia Port Authority for the development of a Local Government Business Dredging Implementation Plan including identification of priority next steps including disposal handling and management of dredged material.**



**MIDDLE PENINSULA  
PLANNING DISTRICT COMMISSION**

**COMMISSIONERS**

Essex County  
*Hon. Edwin E. Smith, Jr.*  
*Hon. John C. Magruder*  
*Mr. Don Blanton*  
*Mr. Michael A. Lombardo*

Town of Tappahannock  
*Hon. Ray M. Gladding*

Gloucester County  
*Hon. Ashley C. Christie*  
*(Vice-Chairman)*  
*Hon. Michael R. Winebarger*  
*Dr. William G. Reay*  
*Mr. J. Bryant Fodors*

King and Queen County  
*Hon. Sherwin C. Alsop*  
*Hon. R. F. Bailey*  
*Mr. Thomas J. Swartzwelder*  
*(Chairman)*

King William County  
*Hon. Ed Shroyer, Jr.*  
*Hon. Travis J. Muskalski*  
*(Treasurer)*  
*Mr. Otto Williams*

Town of West Point  
*Hon. James Pruett*

Mathews County  
*Hon. Michael C. Rowe*  
*Hon. Melissa Mason*  
*Mr. Thornton Hill*

Middlesex County  
*Hon. Wayne H. Jessie, Sr.*  
*Hon. Reggie Williams, Sr.*  
*Mr. Gordon E. White*  
*Mr. Matthew L. Walker*

Town of Urbanna  
*Hon. Diane Gravatt*  
*Ms. Holly Galley*

Secretary/Director  
*Mr. Lewis L. Lawrence*

**RESOLUTION**

**To submit proposals to Virginia Port Authority for the shallow draft dredging of three priority waterways of the Middle Peninsula – Winter Harbor in Mathews County, Cedarbush Creek in Gloucester County, and Parrots Creek in Middlesex County and for the development of a Local Government Business Dredging Implementation Plan.**

**WHEREAS**, the federal government is no longer taking responsibility for maintaining safe boater access to Federally designated channels through shallow water dredging and maintenance of navigation infrastructure; and

**WHEREAS**, in May 2018, the Virginia General Assembly established the Virginia Waterway Maintenance Fund for the purpose of supporting shallow-draft dredging projects throughout the Commonwealth; and

**WHEREAS**, the waterways of the Middle Peninsula have played an important role in the development of Coastal Virginia's Economy since colonial times; and

**WHEREAS**, these waterways and harbors also perform other valuable functions such as ports of refuge during inclement weather, ports for U.S. Coast Guard rescue stations, ports for law enforcement, ports for commercial fishing, ports for recreational vessels; and

**WHEREAS**, many waterways in the rural coastal Virginia and the Middle Peninsula Region still require regular maintenance dredging because of natural sedimentation, storm events, and littoral drift, among other factors; and

**WHEREAS**, the Virginia Waterway Maintenance Fund offers an opportunity for localities to address waterway dredging needs that are important to the region's economy and way of life;

**NOW, THEREFORE BE IT RESOLVED** that the Middle Peninsula Planning District Commission has identified three waterways, including Winter Harbor in Mathews County, Cedarbush Creek in Gloucester County and Parrots Creek in Middlesex County, as the region's current top dredging priorities;

**NOW, THEREFORE BE IT FURTHER RESOLVED** that the Middle Peninsula Planning District Commission to develop a local government business dredging implementation plan to identify local alternatives for dredging implementation to supplement and more efficiently utilize Virginia Waterway Maintenance Funding through 1) the acquisition of needed shoaling information and 2) the advancement of

Saluda Professional Center • 125 Bowden Street • PO Box 286 • Saluda, Virginia 23140  
(Phone) 804 758-2311 • (Fax) 804 758-5291 • (Email) [pdinfo@mppdc.com](mailto:pdinfo@mppdc.com)  
<http://www.mppdc.com>

implementation administrative options for rural local governments including public models, public-private models and private models.

**NOW, THEREFORE BE IT FURTHER RESOLVED** that the Middle Peninsula Planning District Commission supports the submission of proposals to the Virginia Port Authority Waterway Maintenance Fund for these three priority waterways and the Local Government Business Dredging Implementation Plan.

This the 26<sup>th</sup> day of February, 2020

ATTEST

  
(Clerk or Secretary)

Saluda Professional Center • 195 Bowden Street • PO Box 286 • Saluda, Virginia 23149  
(Phone) 804 758-2311 • (Fax) 804 758-3221 • (Email) [pdinfo@mppdc.com](mailto:pdinfo@mppdc.com)  
<http://www.mppdc.com>



## **Appendix B: NOAA Maritime Jobs Snapshot – Middle Peninsula PDC Jurisdictions**

Maritime Jobs Snapshot

# Essex County, Virginia

### Maritime Jobs = A Healthy Economy

In 2015, maritime-related businesses provided NA of the total jobs in Essex County. This represents a 0% increase in maritime jobs since 2005. Nationwide, maritime jobs represent double the number of jobs supported by agriculture.

### Essex County maritime jobs account for



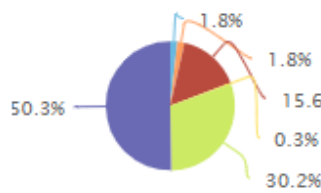
### Maritime Jobs by Sector

Comparing Essex County's maritime sectors to the state and nation shows how local concerns may or may not coincide with state and national priorities.

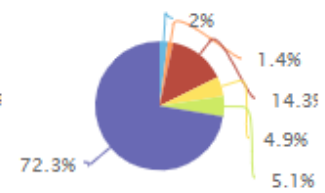
#### Essex County



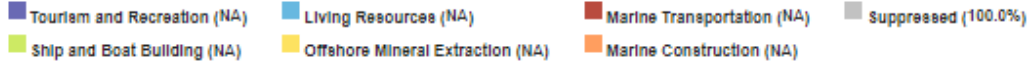
#### Virginia



#### Nation



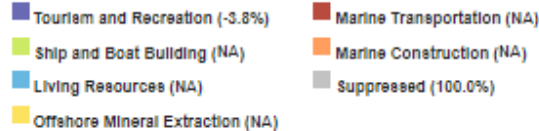
### Essex County Percentages



### Job Trends

When making coastal management decisions, it is important to understand how the six sectors have changed over time.

### Essex County Percent Changes



#### Percent Change in Jobs



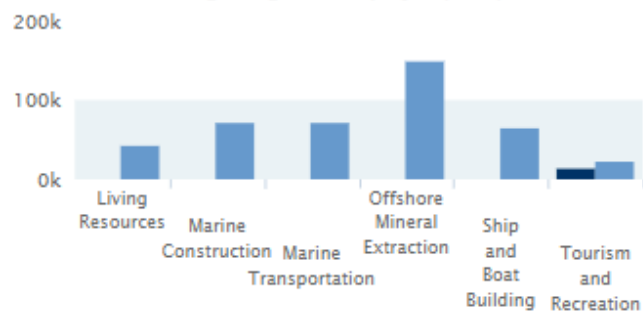
#### Number of Jobs Gained or Lost



### County and National Wages

Higher local wages can be attractive to employees but a deterrent to new or expanding businesses. Managers should consider cost of living rates when making this comparison.

### Average Wage Per Employee (2015)



### Impact of Part-time Workers

Average tourism wages can be smaller due to the high percentage of part-time workers, but total tourism wages are often among the highest because of the large number of people employed.

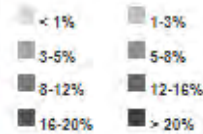
■ County ■ National

## Understanding Neighbors Makes a Region Stronger



Knowing how neighboring communities depend on maritime resources can be important when it comes to developing regional governance policies that benefit all. See the Coastal County Snapshots for nearby counties to better understand regional similarities and differences.

Maritime Jobs as % of Total Jobs (2015)



### Digging Deeper

This snapshot provides a good starting point, but there are aspects of the economy that are not captured in this analysis. Information to help fill these gaps is listed below.

#### [Frequently Asked Questions](#)

#### Key Economic Sectors

Economic statistics that focus on employment, like those used in this snapshot, miss the contributions of the self-employed. However, the self-employed are an important part of some sectors, like commercial fishing. NOAA compiles a wide range of [data on commercial fishing](#) that more fully illustrates this sector's economic importance.

#### Values Outside the Market

Because many of the natural features that make the coast attractive can be enjoyed at no cost, their value is not evident in the "market" data (jobs, wages, etc.). However, independent studies have estimated these "nonmarket" values (aesthetics, health, safety, etc.).

- [National Ocean Economics Program](#)

#### Combining Data to Make Decisions

Combining information on market and nonmarket values to inform coastal management can be complicated. Below are a few resources that will assist in this task.

- [General overview in laymen's terms](#)
- [Developing and using information on nonmarket values](#)
- [Assessing tradeoffs](#)

#### Additional Coastal Economic Resources

- [NOAA Fisheries Social Indicators](#)
- [Marine Ecosystem Services Partnership](#)
- [Introduction to Economics for Coastal Managers](#)

### Data Source for This Snapshot

[Economics: National Ocean Watch \(ENOW\)](#). This data set provides ocean- and Great Lakes-related establishments, employment, and wages computed using the Bureau of Labor Statistics' Quarterly Census of Employment and Wages, and gross domestic product (GDP) data derived from state GDP statistics from the Bureau of Economic Analysis.

# Maritime Jobs Snapshot Gloucester County, Virginia

## Maritime Jobs = A Healthy Economy

In 2015, maritime-related businesses provided 10.9% of the total jobs in Gloucester County. This represents a 65% increase in maritime jobs since 2005. Nationwide, maritime jobs represent double the number of jobs supported by agriculture.

## Gloucester County maritime jobs account for

1,012 employees | \$15m in wages | \$28m in goods & services in 2015

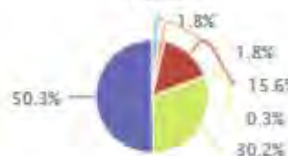
## Maritime Jobs by Sector

Comparing Gloucester County's maritime sectors to the state and nation shows how local concerns may or may not coincide with state and national priorities.

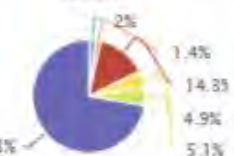
### Gloucester County



### Virginia



### Nation



## Gloucester County Percentages

- Tourism and Recreation (100.0%)
- Living Resources (NA)
- Ship and Boat Building (NA)
- Offshore Mineral Extraction (NA)
- Marine Transportation (NA)
- Marine Construction (NA)
- Suppressed (0.0%)

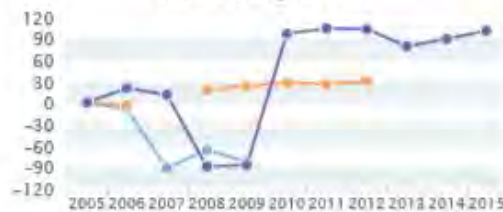
## Job Trends

When making coastal management decisions, it is important to understand how the six sectors have changed over time.

## Gloucester County Percent Changes

- Tourism and Recreation (100.4%)
- Living Resources (NA)
- Ship and Boat Building (NA)
- Offshore Mineral Extraction (NA)
- Marine Transportation (NA)
- Marine Construction (NA)
- Suppressed (0.0%)

Percent Change in Jobs



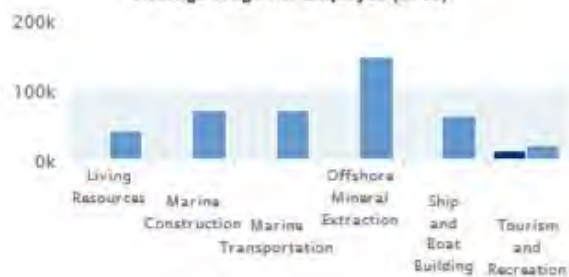
Number of Jobs Gained or Lost



## County and National Wages

Higher local wages can be attractive to employees but a deterrent to new or expanding businesses. Managers should consider cost of living rates when making this comparison.

## Average Wage Per Employee (2015)



## Impact of Part-time Workers

Average tourism wages can be smaller due to the high percentage of part-time workers, but total tourism wages are often among the highest because of the large number of people employed.

■ County ■ National



# Maritime Jobs Snapshot Mathews County, Virginia

COASTAL COUNTY SNAPSHOTS  
coast.noaa.gov/snapshots/

## Maritime Jobs = A Healthy Economy

In 2015, maritime-related businesses provided 5.4% of the total jobs in Mathews County. This represents a 35% decrease in maritime jobs since 2005. Nationwide, maritime jobs represent double the number of jobs supported by agriculture.

## Mathews County maritime jobs account for

79 employees  
\$878k in wages  
\$2m in goods & services in 2015

## Maritime Jobs by Sector

Comparing Mathews County's maritime sectors to the state and nation shows how local concerns may or may not coincide with state and national priorities.

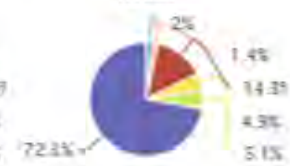
### Mathews County



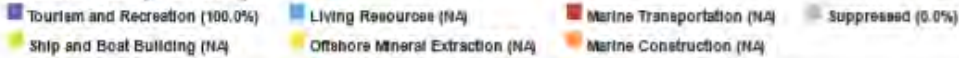
### Virginia



### Nation



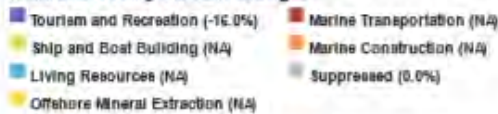
## Mathews County Percentages



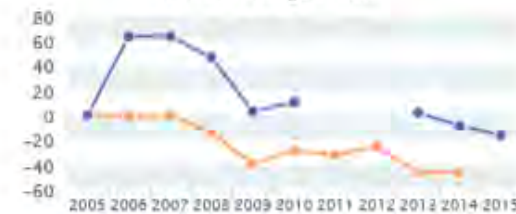
## Job Trends

When making coastal management decisions, it is important to understand how the six sectors have changed over time.

## Mathews County Percent Changes



### Percent Change in Jobs



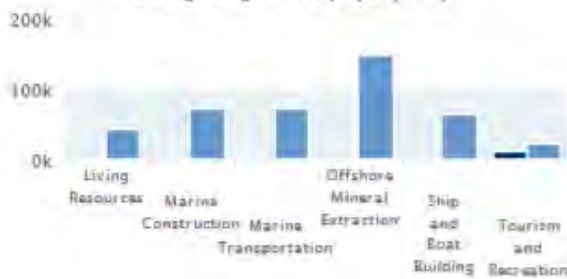
### Number of Jobs Gained or Lost



## County and National Wages

Higher local wages can be attractive to employees but a deterrent to new or expanding businesses. Managers should consider cost of living rates when making this comparison.

## Average Wage Per Employee (2015)



## Impact of Part-time Workers

Average tourism wages can be smaller due to the high percentage of part-time workers, but total tourism wages are often among the highest because of the large number of people employed.

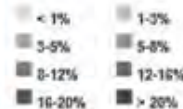
■ County ■ National

## Understanding Neighbors Makes a Region Stronger



Knowing how neighboring communities depend on maritime resources can be important when it comes to developing regional governance policies that benefit all. See the Coastal County Snapshots for nearby counties to better understand regional similarities and differences.

Maritime Jobs as % of Total Jobs (2015)



### Digging Deeper

This snapshot provides a good starting point, but there are aspects of the economy that are not captured in this analysis. Information to help fill these gaps is listed below.

Frequently Asked Questions (<https://coast.noaa.gov/snapshots/faq/ocean-jobs.pdf>)

### Key Economic Sectors

Economic statistics that focus on employment, like those used in this snapshot, miss the contributions of the self-employed. However, the self-employed are an important part of some sectors, like commercial fishing. NOAA compiles a wide range of [data on commercial fishing](http://www.st.nmfs.noaa.gov/commercial-fisheries/index) that more fully illustrates this sector's economic importance.

### Values Outside the Market

Because many of the natural features that make the coast attractive can be enjoyed at no cost, their value is not evident in the "market" data (jobs, wages, etc.). However, independent studies have estimated these "nonmarket" values (aesthetics, health, safety, etc.).

- National Ocean Economics Program (<http://www.oceaneconomics.org/nonmarket/>)

### Combining Data to Make Decisions

Combining information on market and nonmarket values to inform coastal management can be complicated. Below are a few resources that will assist in this task.

- General overview in laymen's terms (<http://www.ecosystemvaluation.org>)
- Developing and using information on nonmarket values (<http://nepis.epa.gov/Adobe/PDF/P100ERJY.pdf>)
- Assessing tradeoffs (<https://coast.noaa.gov/digitalcoast/tools/invest.html>)

### Additional Coastal Economic Resources

- NOAA Fisheries Social Indicators (<http://www.st.nmfs.noaa.gov/humandimensions/social-indicators/index>)
- Marine Ecosystem Services Partnership (<http://www.marineecosystemserves.org/>)
- Introduction to Economics for Coastal Managers (<https://coast.noaa.gov/digitalcoast/training/economics.html>)

### Data Source for This Snapshot

Economics: National Ocean Watch (ENOW) (<https://coast.noaa.gov/dataregistry/search/collection/info/enow>). This data set provides ocean- and Great Lakes-related establishments, employment, and wages computed using the Bureau of Labor Statistics' Quarterly Census of Employment and Wages, and gross domestic product (GDP) data derived from state GDP statistics from the Bureau of Economic Analysis.

Maritime Jobs Snapshot

# Middlesex County, Virginia

### Maritime Jobs = A Healthy Economy

In 2015, maritime-related businesses provided 6.4% of the total jobs in Middlesex County. This represents a 46% decrease in maritime jobs since 2005. Nationwide, maritime jobs represent double the number of jobs supported by agriculture.

Middlesex County maritime jobs account for

**206**  
employees

**\$5m**  
in wages  
in 2015

**\$9m**  
in goods & services

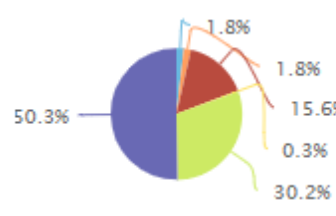
### Maritime Jobs by Sector

Comparing Middlesex County's maritime sectors to the state and nation shows how local concerns may or may not coincide with state and national priorities.

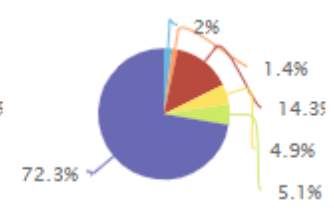
Middlesex County



Virginia



Nation



### Middlesex County Percentages

- Tourism and Recreation (100.0%)
- Living Resources (NA)
- Marine Transportation (NA)
- Suppressed (0.0%)
- Ship and Boat Building (NA)
- Offshore Mineral Extraction (NA)
- Marine Construction (NA)

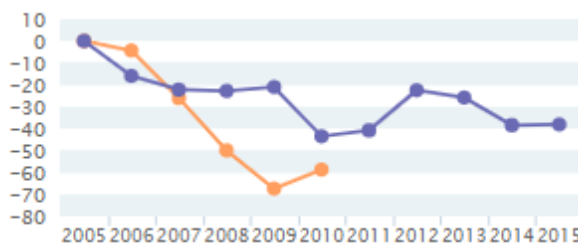
### Job Trends

When making coastal management decisions, it is important to understand how the six sectors have changed over time.

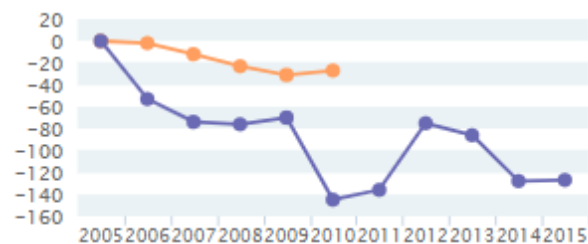
### Middlesex County Percent Changes

- Tourism and Recreation (-38.1%)
- Marine Transportation (NA)
- Ship and Boat Building (NA)
- Marine Construction (NA)
- Living Resources (NA)
- Suppressed (0.0%)
- Offshore Mineral Extraction (NA)

Percent Change in Jobs



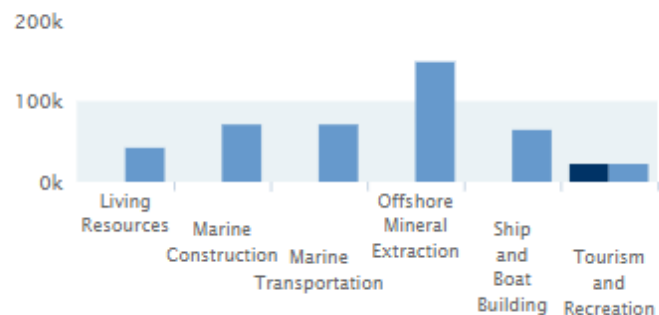
Number of Jobs Gained or Lost



### County and National Wages

Higher local wages can be attractive to employees but a deterrent to new or expanding businesses. Managers should consider cost of living rates when making this comparison.

Average Wage Per Employee (2015)



### Impact of Part-time Workers

Average tourism wages can be smaller due to the high percentage of part-time workers, but total tourism wages are often among the highest because of the large number of people employed.

■ County ■ National

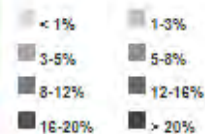


## Understanding Neighbors Makes a Region Stronger



Knowing how neighboring communities depend on maritime resources can be important when it comes to developing regional governance policies that benefit all. See the Coastal County Snapshots for nearby counties to better understand regional similarities and differences.

Maritime Jobs as % of Total Jobs (2015)



## Digging Deeper

This snapshot provides a good starting point, but there are aspects of the economy that are not captured in this analysis. Information to help fill these gaps is listed below.

[Frequently Asked Questions](#)

### Key Economic Sectors

Economic statistics that focus on employment, like those used in this snapshot, miss the contributions of the self-employed. However, the self-employed are an important part of some sectors, like commercial fishing. NOAA compiles a wide range of [data on commercial fishing](#) that more fully illustrates this sector's economic importance.

### Values Outside the Market

Because many of the natural features that make the coast attractive can be enjoyed at no cost, their value is not evident in the "market" data (jobs, wages, etc.). However, independent studies have estimated these "nonmarket" values (aesthetics, health, safety, etc.).

- [National Ocean Economics Program](#)

### Combining Data to Make Decisions

Combining information on market and nonmarket values to inform coastal management can be complicated. Below are a few resources that will assist in this task.

- [General overview in laymen's terms](#)
- [Developing and using information on nonmarket values](#)
- [Assessing tradeoffs](#)

### Additional Coastal Economic Resources

- [NOAA Fisheries Social Indicators](#)
- [Marine Ecosystem Services Partnership](#)
- [Introduction to Economics for Coastal Managers](#)

## Data Source for This Snapshot

[Economics: National Ocean Watch \(ENOW\)](#). This data set provides ocean- and Great Lakes-related establishments, employment, and wages computed using the Bureau of Labor Statistics' Quarterly Census of Employment and Wages, and gross domestic product (GDP) data derived from state GDP statistics from the Bureau of Economic Analysis.

**Appendix C: VMRC 2018 Commercial Licenses and Permits**

**Virginia Marine Resources Commission  
2018 VMRC Commercial Licenses and Permits By County**

<b>Essex County</b>						
<b>Gear</b>	<b>Description</b>	<b>Licenses</b>	<b>Individuals</b>	<b>Price</b>	<b>Total</b>	
104	OYSTERS BY HAND TONGS	1	1	\$10.00	\$10.00	
106	OYSTERS BY HAND SCRAPE	2	2	\$50.00	\$100.00	
108	OYS AQUACULT PROD OWNER PERMIT	1	1	\$10.00	\$10.00	
109	OYS AQUACULT HARVESTER PERMIT	1	1	\$5.00	\$5.00	
134	SHELLFISH HARVESTER TAG	1	1	\$10.00	\$10.00	
209	CRAB HAND SCRAPE-DOUBLE	1	1	\$53.00	\$53.00	
211	CRAB POT-85 OR LESS	3	3	\$48.00	\$144.00	
212	CRAB POT-170 TO 255	3	3	\$79.00	\$237.00	
215	CRAB SHED TANK-20 OR LESS	3	3	\$9.00	\$27.00	
217	CRAB PEELER POT-210 OR LESS	5	5	\$36.00	\$180.00	
227	CRAB AGENT PERMIT	1	1	\$0.00	\$0.00	
303	GILL NETS-600 OR LESS	15	6	\$16.00	\$240.00	
304	GILL NETS-1200 OR LESS	7	2	\$24.00	\$168.00	
349	SB BAY PERMIT	4	4	\$0.00	\$0.00	
352	SB BAY TAG TRANSFER	8	4	\$0.00	\$0.00	
354	AM SHAD BYCATCH PERMIT	1	1	\$0.00	\$0.00	
370	CLASS A GILL NET PERMIT	3	3	\$0.00	\$0.00	
372	CLASS B GILL NET PERMIT	3	3	\$0.00	\$0.00	
379	USER FEE OYSTER ALL GEAR	2	2	\$300.00	\$600.00	
382	USER FEE SHUCKING < 10000 GAL	1	1	\$1000.00	\$1000.00	
385	USER FEE OYSTER SINGLE BUYER	1	1	\$100.00	\$100.00	
387	USER FEE PRIVATE OYSTER AQUACULTURE	1	1	\$50.00	\$50.00	
388	FISH POT-100 OR LESS	1	1	\$19.00	\$19.00	
391	EEL POT-100 OR LESS	1	1	\$19.00	\$19.00	
402	SHUCKING HOUSE-TO 10,000	1	1	\$33.00	\$33.00	
411	BUYERS BUSINESS PLACE	1	1	\$126.00	\$126.00	
412	OYSTER SINGLE BUYER LICENSE	1	1	\$50.00	\$50.00	
414	OYSTER BUYER BOAT/TRUCK IDENTIFIER PERMIT		1	\$0.00	\$0.00	
471	SPRING TROPHY ST BASS REC PERMIT	15	15	\$0.00	\$0.00	
473	COBIA RECREATIONAL PERMIT	34	34	\$0.00	\$0.00	
475	TILEFSH/GRPR REC LANDING PERMIT	17	17	\$0.00	\$0.00	
476	BLACK SEA BASS REC PERMIT	1	1	\$0.00	\$0.00	
500	COMMERCIAL REGISTRATION	16	16	\$190.00	\$3040.00	
501	COMM REGISTRATION-SENIOR CITIZ	2	2	\$90.00	\$180.00	
516	TRANSFERRED COMM REG CARD SR	1	1	\$90.00	\$90.00	
717	TRANSFERRED PEELER POT	1	1	\$36.00	\$36.00	
770	TRANS CLASS A GILL NET	1	1	\$0.00	\$0.00	
805	CHARTER/HEAD BOAT-MORE THAN 6	1	1	\$100.00	\$100.00	
811	CLASS B FISHING GUIDE LICENSE	1	1	\$100.00	\$100.00	
992	REPLACEMENT DECAL	1	1	\$1.00	\$1.00	
<b>Total Essex County</b>					<b>\$6,728.00</b>	

**Virginia Marine Resources Commission  
2018 VMRC Commercial Licenses and Permits By County**

<b>Gloucester County</b>					
<b>Gear</b>	<b>Description</b>	<b>Licenses</b>	<b>Individuals</b>	<b>Price</b>	<b>Total</b>
102	OYSTER PATENT TONGS-SINGLE	12	12	\$35.00	\$420.00
103	OYSTER DREDGE PUBLIC GROUND	30	30	\$50.00	\$1500.00
104	OYSTERS BY HAND TONGS	125	125	\$10.00	\$1250.00
105	OYSTER PATENT TONGS-DOUBLE	7	7	\$70.00	\$490.00
106	OYSTERS BY HAND SCRAPE	169	169	\$50.00	\$8450.00
108	OYS AQUACULT PROD OWNER PERMIT	21	21	\$10.00	\$210.00
109	OYS AQUACULT HARVESTER PERMIT	63	63	\$5.00	\$315.00
110	OYS AQUACULT VESSEL PERMIT	11	7	\$0.00	\$0.00
111	CLAM BY HAND/RAKE	1	1	\$24.00	\$24.00
112	CLAM PATENT TONGS-SINGLE	6	6	\$58.00	\$348.00
113	CLAM DREDGE-HAND	1	1	\$19.00	\$19.00
119	CLAM AQUACULT PROD OWNER PERMIT	2	2	\$10.00	\$20.00
121	CLAM AQUACULT VESSEL PERMIT	4	1	\$0.00	\$0.00
122	AQUACULTURE HUSBANDRY PERMIT	5	5	\$0.00	\$0.00
123	WARMWATER SHELLFISH GPS PRMIT	1	1	\$0.00	\$0.00
125	SHELLFISH ICING PERMIT	33	28	\$0.00	\$0.00
126	DAILY SHELLFISH RELAY PERMIT	12	1	\$150.00	\$1800.00
131	CONCH-DREDGE	2	2	\$58.00	\$116.00
132	CHANNELED WHELK POT	5	5	\$51.00	\$255.00
133	SHELLFISH BULK TAG	21	18	\$10.00	\$210.00
134	SHELLFISH HARVESTER TAG	66	55	\$10.00	\$660.00
208	CRAB HAND SCRAPE-SINGLE	3	3	\$26.00	\$78.00
209	CRAB HAND SCRAPE-DOUBLE	4	4	\$53.00	\$212.00
211	CRAB POT-85 OR LESS	14	14	\$48.00	\$672.00
212	CRAB POT-170 TO 255	72	72	\$79.00	\$5688.00
213	CRAB POT-256 TO 425	12	12	\$127.00	\$1524.00
215	CRAB SHED TANK-20 OR LESS	12	11	\$9.00	\$108.00
216	CRAB SHED TANK-OVER 20	8	8	\$19.00	\$152.00
217	CRAB PEELER POT-210 OR LESS	35	35	\$36.00	\$1260.00
222	CRAB POT-86 TO 127	8	8	\$79.00	\$632.00
223	CRAB POT-128 TO 170	1	1	\$79.00	\$79.00
227	CRAB AGENT PERMIT	5	5	\$0.00	\$0.00
228	ALTERNATE HOURS PERMIT, CRABBING	4	4	\$0.00	\$0.00
229	MEDICAL EXEMPTION PERMIT, CRABBING	1	1	\$0.00	\$0.00
280	CRAB TRAP	47	4	\$8.00	\$376.00
302	STAKED GILL NET	4	1	\$24.00	\$96.00
303	GILL NETS-600 OR LESS	198	72	\$16.00	\$3168.00
304	GILL NETS-1200 OR LESS	108	38	\$24.00	\$2592.00
305	COMMERCIAL FISH CAST/THROW NET	1	1	\$13.00	\$13.00
308	FISH TROT LINE	8	5	\$19.00	\$152.00
309	COMMERCIAL FISH DIP NET	1	1	\$9.00	\$9.00
310	HAUL SEINE-UNDER 500 YDS	8	8	\$48.00	\$384.00
311	HAUL SEINE-500 YDS & OVER	6	6	\$146.00	\$876.00

**Virginia Marine Resources Commission  
2018 VMRC Commercial Licenses and Permits By County**

319	COMMERCIAL HOOK & LINE	12	12	\$31.00	\$372.00
320	COMMERCIAL FISH PIER	2	2	\$83.00	\$166.00
331	COMM HOOK & LINE STRIPED BASS	7	7	\$31.00	\$217.00
349	SB BAY PERMIT	34	34	\$0.00	\$0.00
352	SB BAY TAG TRANSFER	100	40	\$0.00	\$0.00
354	AM SHAD BYCATCH PERMIT	5	5	\$0.00	\$0.00
365	SPINY DOGFISH LIMIT ENTRY PRMT	5	5	\$0.00	\$0.00
370	CLASS A GILL NET PERMIT	67	67	\$0.00	\$0.00
372	CLASS B GILL NET PERMIT	34	34	\$0.00	\$0.00
379	USER FEE OYSTER ALL GEAR	184	184	\$300.00	\$55200.00
381	USER FEE SHUCKING < 1000 GAL	1	1	\$500.00	\$500.00
382	USER FEE SHUCKING < 10000 GAL	2	2	\$1000.00	\$2000.00
385	USER FEE OYSTER SINGLE BUYER	3	3	\$100.00	\$300.00
386	USER FEE OYSTER MULTIPLE BUYER	4	4	\$300.00	\$1200.00
387	USER FEE PRIVATE OYSTER AQUACULTURE	21	21	\$50.00	\$1050.00
388	FISH POT-100 OR LESS	12	12	\$19.00	\$228.00
389	FISH POT-300 OR LESS	6	6	\$24.00	\$144.00
390	FISH POT- OVER 300	3	3	\$62.00	\$186.00
391	EEL POT-100 OR LESS	8	8	\$19.00	\$152.00
392	EEL POT-300 OR LESS	9	9	\$24.00	\$216.00
393	EEL POT- OVER 300	5	5	\$62.00	\$310.00
401	SHUCKING HOUSE-UNDER 1000	1	1	\$12.00	\$12.00
402	SHUCKING HOUSE-TO 10,000	2	2	\$33.00	\$66.00
410	SEAFOOD BUYERS TRUCK	29	8	\$63.00	\$1827.00
411	BUYERS BUSINESS PLACE	9	9	\$126.00	\$1134.00
412	OYSTER SINGLE BUYER LICENSE	3	3	\$50.00	\$150.00
413	OYSTER MULTIPLE BUYER LICENSE	4	4	\$100.00	\$400.00
414	OYSTER BUYER BOAT/TRUCK IDENTIFIER PERMIT	7	7	\$0.00	\$0.00
415	CHANNELED WHELK BUYERS PERMIT	11	1	\$0.00	\$0.00
416	HORSESHOE CRAB BUYING PERMIT	11	1	\$0.00	\$0.00
417	BLACK DRUM BUYER PERMIT	11	1	\$0.00	\$0.00
419	STRIPED BASS BUYER PERMIT	13	3	\$0.00	\$0.00
420	EEL BUYER PERMIT	1	1	\$0.00	\$0.00
421	EEL SELF-MARKET PERMIT	2	2	\$0.00	\$0.00
471	SPRING TROPHY ST BASS REC PERMIT	87	87	\$0.00	\$0.00
473	COBIA RECREATIONAL PERMIT	258	258	\$0.00	\$0.00
475	TILEFISH/GRPR REC LANDING PERMIT	74	74	\$0.00	\$0.00
476	BLACK SEA BASS REC PERMIT	17	17	\$0.00	\$0.00
500	COMMERCIAL REGISTRATION	280	280	\$190.00	\$53200.00
501	COMM REGISTRATION-SENIOR CITIZ	48	48	\$90.00	\$4320.00
502	COMM REG TRANSFD FROM DELAYED	1	1	\$0.00	\$0.00
515	TRANSFERRED COMM REG CARD	7	7	\$190.00	\$1330.00
516	TRANSFERRED COMM REG CARD SR	3	3	\$90.00	\$270.00
600	SEAFOOD LANDING LICENSE	6	1	\$175.00	\$1050.00
601	SUMMER FLOUNDER ENDORSEMENT	2	1	\$0.00	\$0.00

**Virginia Marine Resources Commission  
2018 VMRC Commercial Licenses and Permits By County**

709	TRANSFERRED CRAB SCRAPE-DOUBLE	1	1	\$53.00	\$53.00
711	TRANSFERRED CRAB POT 100	3	3	\$48.00	\$144.00
712	TRANSFERRED CRAB POT 300	7	7	\$79.00	\$553.00
717	TRANSFERRED PEELER POT	3	3	\$36.00	\$108.00
719	TRANSFERRED HOOK & LINE	1	1	\$31.00	\$31.00
732	TRANSFERRED CHANNELED WHELK	1	1	\$51.00	\$51.00
770	TRANS CLASS A GILL NET	1	1	\$0.00	\$0.00
800	CHARTER/HEAD BOAT-6 & UNDER	6	5	\$90.00	\$740.00
805	CHARTER/HEAD BOAT-MORE THAN 6	1	1	\$175.00	\$175.00
810	CLASS A FISHING GUIDE LICENSE	5	5	\$100.00	\$500.00
811	CLASS B FISHING GUIDE LICENSE	1	1	\$100.00	\$100.00
815	STRIPED BASS CHARTER PERMIT	3	3	\$0.00	\$0.00
820	COMMERCIAL PIER-SALTYWATER RECREAT	2	2	\$632.00	\$1264.00
825	BOAT RENTAL	4	1	\$14.00	\$56.00
992	REPLACEMENT DECAL	12	6	\$1.00	\$12.00
<b>Total Gloucester County</b>					<b>\$163,945.00</b>

**Virginia Marine Resources Commission  
2018 VMRC Commercial Licenses and Permits By County**

<b>King William County</b>						
<b>Gear</b>	<b>Description</b>	<b>Licenses</b>	<b>Individuals</b>	<b>Price</b>	<b>Total</b>	
103	OYSTER DREDGE PUBLIC GROUND	1	1	\$50.00		\$50.00
104	OYSTERS BY HAND TONGS	1	1	\$10.00		\$10.00
106	OYSTERS BY HAND SCRAPE	2	2	\$50.00		\$100.00
108	OYS AQUACULT PROD OWNER PERMIT	2	2	\$10.00		\$20.00
125	SHELLFISH ICING PERMIT	1	1	\$0.00		\$0.00
211	CRAB POT-85 OR LESS	10	10	\$48.00		\$480.00
212	CRAB POT-170 TO 255	3	3	\$79.00		\$237.00
215	CRAB SHED TANK-20 OR LESS	2	2	\$9.00		\$18.00
217	CRAB PEELER POT-210 OR LESS	4	4	\$36.00		\$144.00
222	CRAB POT-86 TO 127	2	2	\$79.00		\$158.00
227	CRAB AGENT PERMIT	1	1	\$0.00		\$0.00
302	STAKED GILL NET	2	2	\$24.00		\$48.00
303	GILL NETS-600 OR LESS	34	11	\$16.00		\$544.00
304	GILL NETS-1200 OR LESS	3	3	\$24.00		\$72.00
308	FISH TROT LINE	17	1	\$19.00		\$323.00
310	HAUL SEINE-UNDER 500 YDS	1	1	\$48.00		\$48.00
319	COMMERCIAL HOOK & LINE	2	2	\$31.00		\$62.00
331	COMM HOOK & LINE STRIPED BASS	1	1	\$31.00		\$31.00
349	SB BAY PERMIT	9	9	\$0.00		\$0.00
352	SB BAY TAG TRANSFER	16	9	\$0.00		\$0.00
354	AM SHAD BYCATCH PERMIT	4	4	\$0.00		\$0.00
370	CLASS A GILL NET PERMIT	8	8	\$0.00		\$0.00
372	CLASS B GILL NET PERMIT	5	5	\$0.00		\$0.00
379	USER FEE OYSTER ALL GEAR	2	2	\$300.00		\$600.00
381	USER FEE SHUCKING < 1000 GAL	1	1	\$500.00		\$500.00
385	USER FEE OYSTER SINGLE BUYER	1	1	\$100.00		\$100.00
387	USER FEE PRIVATE OYSTER AQUACULTURE	2	2	\$50.00		\$100.00
389	FISH POT-300 OR LESS	1	1	\$24.00		\$24.00
391	EEL POT-100 OR LESS	1	1	\$19.00		\$19.00
392	EEL POT-300 OR LESS	1	1	\$24.00		\$24.00
401	SHUCKING HOUSE-UNDER 1000	1	1	\$12.00		\$12.00
410	SEAFOOD BUYERS TRUCK	1	1	\$63.00		\$63.00
411	BUYERS BUSINESS PLACE	1	1	\$126.00		\$126.00
412	OYSTER SINGLE BUYER LICENSE	1	1	\$50.00		\$50.00
414	OYSTER BUYER BOAT/TRUCK IDENTIFIER PERMIT		1	\$0.00		\$0.00
419	STRIPED BASS BUYER PERMIT	1	1	\$0.00		\$0.00
420	EEL BUYER PERMIT	1	1	\$0.00		\$0.00
471	SPRING TROPHY ST BASS REC PERMIT	27	27	\$0.00		\$0.00
473	COBIA RECREATIONAL PERMIT	83	83	\$0.00		\$0.00
475	TILEFSH/GRPR REC LANDING PERMIT	21	21	\$0.00		\$0.00
476	BLACK SEA BASS REC PERMIT	2	2	\$0.00		\$0.00
500	COMMERCIAL REGISTRATION	21	21	\$190.00		\$3990.00
501	COMM REGISTRATION-SENIOR CITIZ	4	4	\$90.00		\$360.00

**Virginia Marine Resources Commission  
2018 VMRC Commercial Licenses and Permits By County**

515	TRANSFERRED COMM REG CARD	1	1	\$190.00	\$190.00
800	CHARTER/HEAD BOAT-5 & UNDER	3	3	\$90.00	\$270.00
810	CLASS A FISHING GUIDE LICENSE	2	2	\$100.00	\$200.00
811	CLASS B FISHING GUIDE LICENSE	1	1	\$100.00	\$100.00
812	FISH GUIDE RECIPROCITY PERMIT	1	1	\$0.00	\$0.00
815	STRIPED BASS CHARTER PERMIT	1	1	\$0.00	\$0.00
992	REPLACEMENT DECAL	9	1	\$1.00	\$9.00
<b>Total King William County</b>					<b>\$9,082.00</b>



**Virginia Marine Resources Commission  
2018 VMRC Commercial Licenses and Permits By County**

<b>King and Queen County</b>						
<b>Gear</b>	<b>Description</b>	<b>Licenses</b>	<b>Individuals</b>	<b>Price</b>	<b>Total</b>	
103	OYSTER DREDGE PUBLIC GROUND	1	1	\$50.00	\$50.00	
104	OYSTERS BY HAND TONGS	3	3	\$10.00	\$30.00	
106	OYSTERS BY HAND SCRAPE	5	5	\$50.00	\$250.00	
108	OYS AQUACULT PROD OWNER PERMIT	1	1	\$10.00	\$10.00	
109	OYS AQUACULT HARVESTER PERMIT	1	1	\$5.00	\$5.00	
208	CRAB HAND SCRAPE-SINGLE	1	1	\$26.00	\$26.00	
211	CRAB POT-85 OR LESS	4	4	\$48.00	\$192.00	
212	CRAB POT-170 TO 255	1	1	\$79.00	\$79.00	
215	CRAB SHED TANK-20 OR LESS	2	2	\$9.00	\$18.00	
216	CRAB SHED TANK-OVER 20	1	1	\$19.00	\$19.00	
217	CRAB PEELER POT-210 OR LESS	4	4	\$36.00	\$144.00	
227	CRAB AGENT PERMIT	2	2	\$0.00	\$0.00	
280	CRAB TRAP	32	2	\$8.00	\$256.00	
302	STAKED GILL NET	2	1	\$24.00	\$48.00	
303	GILL NETS-600 OR LESS	20	6	\$16.00	\$320.00	
304	GILL NETS-1200 OR LESS	6	2	\$24.00	\$144.00	
308	FISH TROT LINE	1	1	\$19.00	\$19.00	
311	HAUL SEINE-500 YDS & OVER	1	1	\$146.00	\$146.00	
320	COMMERCIAL FISH PIER	1	1	\$83.00	\$83.00	
354	AM SHAD BYCATCH PERMIT	1	1	\$0.00	\$0.00	
370	CLASS A GILL NET PERMIT	5	5	\$0.00	\$0.00	
372	CLASS B GILL NET PERMIT	4	4	\$0.00	\$0.00	
379	USER FEE OYSTER ALL GEAR	5	5	\$300.00	\$1500.00	
387	USER FEE PRIVATE OYSTER AQUACULTURE	1	1	\$50.00	\$50.00	
388	FISH POT-100 OR LESS	1	1	\$19.00	\$19.00	
391	EEL POT-100 OR LESS	1	1	\$19.00	\$19.00	
392	EEL POT-300 OR LESS	3	3	\$24.00	\$72.00	
410	SEAFOOD BUYERS TRUCK	1	1	\$63.00	\$63.00	
411	BUYERS BUSINESS PLACE	1	1	\$126.00	\$126.00	
471	SPRING TROPHY ST BASS REC PERMIT	8	8	\$0.00	\$0.00	
473	COBIA RECREATIONAL PERMIT	19	19	\$0.00	\$0.00	
475	TILEFSH/GRPR REC LANDING PERMIT	7	7	\$0.00	\$0.00	
476	BLACK SEA BASS REC PERMIT	1	1	\$0.00	\$0.00	
500	COMMERCIAL REGISTRATION	15	15	\$190.00	\$2850.00	
711	TRANSFERRED CRAB POT 100	1	1	\$48.00	\$48.00	
712	TRANSFERRED CRAB POT 300	1	1	\$79.00	\$79.00	
820	COMMERCIAL PIER-SALTYWATER RECREAT	1	1	\$632.00	\$632.00	
825	BOAT RENTAL	34	1	\$14.00	\$476.00	
<b>Total King and Queen County</b>					<b>\$7,773.00</b>	

**Virginia Marine Resources Commission  
2018 VMRC Commercial Licenses and Permits By County**

<b>Middlesex County</b>					
<b>Gear</b>	<b>Description</b>	<b>Licenses</b>	<b>Individuals</b>	<b>Price</b>	<b>Total</b>
102	OYSTER PATENT TONGS-SINGLE	9	9	\$35.00	\$315.00
103	OYSTER DREDGE PUBLIC GROUND	4	4	\$50.00	\$200.00
104	OYSTERS BY HAND TONGS	18	18	\$10.00	\$180.00
105	OYSTER PATENT TONGS-DOUBLE	1	1	\$70.00	\$70.00
106	OYSTERS BY HAND SCRAPE	47	47	\$50.00	\$2350.00
108	OYS AQUACULT PROD OWNER PERMIT	13	13	\$10.00	\$130.00
109	OYS AQUACULT HARVESTER PERMIT	23	23	\$5.00	\$115.00
110	OYS AQUACULT VESSEL PERMIT	7	4	\$0.00	\$0.00
112	CLAM PATENT TONGS-SINGLE	2	2	\$58.00	\$116.00
122	AQUACULTURE HUSBANDRY PERMIT	4	3	\$0.00	\$0.00
123	WARMWATER SHELLFISH GPS PRMT	1	1	\$0.00	\$0.00
125	SHELLFISH ICING PERMIT	3	3	\$0.00	\$0.00
131	CONCH-DREDGE	1	1	\$58.00	\$58.00
132	CHANNELED WHELK POT	2	2	\$51.00	\$102.00
133	SHELLFISH BULK TAG	3	3	\$10.00	\$30.00
134	SHELLFISH HARVESTER TAG	11	10	\$10.00	\$110.00
208	CRAB HAND SCRAPE-SINGLE	2	2	\$26.00	\$52.00
210	CRAB DIP NET	1	1	\$13.00	\$13.00
211	CRAB POT-85 OR LESS	25	25	\$48.00	\$1200.00
212	CRAB POT-170 TO 255	30	30	\$79.00	\$2370.00
213	CRAB POT-256 TO 425	4	4	\$127.00	\$508.00
215	CRAB SHED TANK-20 OR LESS	16	16	\$9.00	\$144.00
216	CRAB SHED TANK-OVER 20	13	13	\$19.00	\$247.00
217	CRAB PEELER POT-210 OR LESS	47	47	\$36.00	\$1692.00
222	CRAB POT-86 TO 127	2	2	\$79.00	\$158.00
227	CRAB AGENT PERMIT	7	7	\$0.00	\$0.00
228	ALTERNATE HOURS PERMIT, CRAEBING	2	2	\$0.00	\$0.00
280	CRAB TRAP	15	1	\$8.00	\$120.00
303	GILL NETS-600 OR LESS	99	40	\$16.00	\$1584.00
304	GILL NETS-1200 OR LESS	24	14	\$24.00	\$576.00
305	COMMERCIAL FISH CAST/THROW NET	1	1	\$13.00	\$13.00
309	COMMERCIAL FISH DIP NET	1	1	\$9.00	\$9.00
319	COMMERCIAL HOOK & LINE	7	7	\$31.00	\$217.00
331	COMM HOOK & LINE STRIPED BASS	6	6	\$31.00	\$186.00
349	SB BAY PERMIT	16	16	\$0.00	\$0.00
352	SB BAY TAG TRANSFER	36	17	\$0.00	\$0.00
354	AM SHAD BYCATCH PERMIT	2	2	\$0.00	\$0.00
365	SPINY DOGFISH LIMIT ENTRY PRMT	1	1	\$0.00	\$0.00
370	CLASS A GILL NET PERMIT	40	40	\$0.00	\$0.00
372	CLASS B GILL NET PERMIT	14	14	\$0.00	\$0.00
379	USER FEE OYSTER ALL GEAR	52	52	\$300.00	\$15600.00
381	USER FEE SHUCKING < 1000 GAL	2	2	\$500.00	\$1000.00
382	USER FEE SHUCKING < 10000 GAL	3	3	\$1000.00	\$3000.00

**Virginia Marine Resources Commission  
2018 VMRC Commercial Licenses and Permits By County**

384	USER FEE SHUCKING > 25000 GAL	1	1	\$4000.00	\$4000.00
385	USER FEE OYSTER SINGLE BUYER	4	4	\$100.00	\$400.00
386	USER FEE OYSTER MULTIPLE BUYER	1	1	\$300.00	\$300.00
387	USER FEE PRIVATE OYSTER AQUACULTURE	14	14	\$50.00	\$700.00
388	FISH POT-100 OR LESS	2	2	\$19.00	\$38.00
389	FISH POT-300 OR LESS	7	7	\$24.00	\$168.00
390	FISH POT- OVER 300	2	2	\$62.00	\$124.00
391	EEL POT-100 OR LESS	3	3	\$19.00	\$57.00
392	EEL POT-300 OR LESS	2	2	\$24.00	\$48.00
393	EEL POT- OVER 300	2	2	\$62.00	\$124.00
401	SHUCKING HOUSE-UNDER 1000	2	2	\$12.00	\$24.00
402	SHUCKING HOUSE-TO 10,000	3	3	\$33.00	\$99.00
406	SHUCKING HOUSE-TO 200,000	1	1	\$290.00	\$290.00
410	SEAFOOD BUYERS TRUCK	4	2	\$63.00	\$252.00
411	BUYERS BUSINESS PLACE	5	4	\$126.00	\$630.00
412	OYSTER SINGLE BUYER LICENSE	4	4	\$50.00	\$200.00
413	OYSTER MULTIPLE BUYER LICENSE	1	1	\$100.00	\$100.00
414	OYSTER BUYER BOAT/TRUCK IDENTIFIER PERMIT		5	\$0.00	\$0.00
417	BLACK DRUM BUYER PERMIT	1	1	\$0.00	\$0.00
419	STRIPED BASS BUYER PERMIT	1	1	\$0.00	\$0.00
471	SPRING TROPHY ST BASS REC PERMIT	45	45	\$0.00	\$0.00
473	COBIA RECREATIONAL PERMIT	122	122	\$0.00	\$0.00
475	TILEFISH/GRPR REC LANDING PERMIT	26	26	\$0.00	\$0.00
476	BLACK SEA BASS REC PERMIT	4	4	\$0.00	\$0.00
500	COMMERCIAL REGISTRATION	119	119	\$190.00	\$22610.00
501	COMM REGISTRATION-SENIOR CITIZ	22	22	\$90.00	\$1980.00
502	COMM REG TRANSFD FROM DELAYED	1	1	\$0.00	\$0.00
510	DELAYED ENTRY-COMM REG.	2	2	\$190.00	\$380.00
515	TRANSFERRED COMM REG CARD	1	1	\$190.00	\$190.00
516	TRANSFERRED COMM REG CARD SR	3	3	\$90.00	\$270.00
711	TRANSFERRED CRAB POT 100	2	2	\$48.00	\$96.00
714	TRANSFERRED CRAB POT 150	1	1	\$79.00	\$79.00
717	TRANSFERRED PEELER POT	1	1	\$36.00	\$36.00
732	TRANSFERRED CHANNELED WHELK	1	1	\$51.00	\$51.00
770	TRANS CLASS A GILL NET	1	1	\$0.00	\$0.00
800	CHARTER/HEAD BOAT-6 & UNDER	11	11	\$90.00	\$990.00
805	CHARTER/HEAD BOAT-MORE THAN 6	5	5	\$160.00	\$945.00
810	CLASS A FISHING GUIDE LICENSE	13	13	\$100.00	\$1300.00
811	CLASS B FISHING GUIDE LICENSE	2	2	\$100.00	\$200.00
815	STRIPED BASS CHARTER PERMIT	2	2	\$0.00	\$0.00

**Total Middlesex County      \$69,146.00**

**Virginia Marine Resources Commission  
2018 VMRC Commercial Licenses and Permits By County**

<b>Mathews County</b>					
<b>Gear</b>	<b>Description</b>	<b>Licenses</b>	<b>Individuals</b>	<b>Price</b>	<b>Total</b>
102	OYSTER PATENT TONGS-SINGLE	10	10	\$35.00	\$350.00
103	OYSTER DREDGE PUBLIC GROUND	4	4	\$50.00	\$200.00
104	OYSTERS BY HAND TONGS	12	12	\$10.00	\$120.00
105	OYSTER PATENT TONGS-DOUBLE	2	2	\$70.00	\$140.00
106	OYSTERS BY HAND SCRAPE	31	31	\$50.00	\$1550.00
108	OYS AQUACULT PROD OWNER PERMIT	33	33	\$10.00	\$330.00
109	OYS AQUACULT HARVESTER PERMIT	6	6	\$5.00	\$30.00
110	OYS AQUACULT VESSEL PERMIT	3	2	\$0.00	\$0.00
112	CLAM PATENT TONGS-SINGLE	2	2	\$58.00	\$116.00
119	CLAM AQUACULT PROD OWNER PERMIT	3	3	\$10.00	\$30.00
122	AQUACULTURE HUSBANDRY PERMIT	10	9	\$0.00	\$0.00
123	WARMWATER SHELLFISH GPS PRMT	3	3	\$0.00	\$0.00
125	SHELLFISH ICING PERMIT	4	4	\$0.00	\$0.00
131	CONCH-DREDGE	4	4	\$58.00	\$232.00
132	CHANNELED WHELK POT	3	3	\$51.00	\$153.00
133	SHELLFISH BULK TAG	13	7	\$10.00	\$130.00
134	SHELLFISH HARVESTER TAG	26	12	\$10.00	\$280.00
180	HSC GENERAL PERMIT	5	5	\$0.00	\$0.00
182	HSC CLASS A DREDGE PERMIT	1	1	\$0.00	\$0.00
183	HSC CLASS B DREDGE PERMIT	4	4	\$0.00	\$0.00
205	CRAB-ORDINARY TROT LINE	1	1	\$13.00	\$13.00
208	CRAB HAND SCRAPE-SINGLE	3	3	\$26.00	\$78.00
211	CRAB POT-85 OR LESS	14	14	\$48.00	\$672.00
212	CRAB POT-170 TO 255	30	30	\$79.00	\$2370.00
213	CRAB POT-256 TO 425	1	1	\$127.00	\$127.00
215	CRAB SHED TANK-20 OR LESS	4	4	\$9.00	\$36.00
216	CRAB SHED TANK-OVER 20	1	1	\$19.00	\$19.00
217	CRAB PEELER POT-210 OR LESS	18	18	\$36.00	\$648.00
222	CRAB POT-86 TO 127	5	5	\$79.00	\$395.00
223	CRAB POT-128 TO 170	1	1	\$79.00	\$79.00
227	CRAB AGENT PERMIT	5	5	\$0.00	\$0.00
228	ALTERNATE HOURS PERMIT CRABBING	5	5	\$0.00	\$0.00
280	CRAB TRAP	59	5	\$8.00	\$472.00
303	GILL NETS-600 OR LESS	126	41	\$16.00	\$2016.00
304	GILL NETS-1200 OR LESS	135	32	\$24.00	\$3240.00
311	HAUL SEINE-500 YDS & OVER	1	1	\$146.00	\$146.00
331	COMM HOOK & LINE STRIPED BASS	2	2	\$31.00	\$62.00
349	SB BAY PERMIT	18	18	\$0.00	\$0.00
350	SB OCEAN PERMIT	4	4	\$0.00	\$0.00
351	SB OCEAN TAG TRANSFER	4	4	\$0.00	\$0.00
352	SB BAY TAG TRANSFER	45	19	\$0.00	\$0.00
353	BLACK DRUM HARVEST PERMIT	1	1	\$0.00	\$0.00
365	SPINY DOGFISH LIMIT ENTRY PRMT	10	10	\$0.00	\$0.00

**Virginia Marine Resources Commission  
2018 VMRC Commercial Licenses and Permits By County**

370	CLASS A GILL NET PERMIT	51	51	\$0.00	\$0.00
372	CLASS B GILL NET PERMIT	20	20	\$0.00	\$0.00
379	USER FEE OYSTER ALL GEAR	37	37	\$300.00	\$11100.00
381	USER FEE SHUCKING < 1000 GAL	1	1	\$500.00	\$500.00
382	USER FEE SHUCKING < 10000 GAL	1	1	\$1000.00	\$1000.00
385	USER FEE OYSTER SINGLE BUYER	3	3	\$100.00	\$300.00
386	USER FEE OYSTER MULTIPLE BUYER	3	3	\$300.00	\$900.00
387	USER FEE PRIVATE OYSTER AQUACULTURE	33	33	\$50.00	\$1650.00
388	FISH POT-100 OR LESS	3	3	\$19.00	\$57.00
389	FISH POT-300 OR LESS	2	2	\$24.00	\$48.00
391	EEL POT-100 OR LESS	1	1	\$19.00	\$19.00
392	EEL POT-300 OR LESS	4	4	\$24.00	\$96.00
393	EEL POT- OVER 300	1	1	\$62.00	\$62.00
401	SHUCKING HOUSE-UNDER 1000	1	1	\$12.00	\$12.00
402	SHUCKING HOUSE-TO 10,000	1	1	\$33.00	\$33.00
410	SEAFOOD BUYERS TRUCK	3	2	\$63.00	\$189.00
411	BUYERS BUSINESS PLACE	4	4	\$126.00	\$504.00
412	OYSTER SINGLE BUYER LICENSE	3	3	\$50.00	\$150.00
413	OYSTER MULTIPLE BUYER LICENSE	3	3	\$100.00	\$300.00
414	OYSTER BUYER BOAT/TRUCK IDENTIFIER PERMIT		5	\$0.00	\$0.00
415	CHANNELED WHELK BUYERS PERMIT	1	1	\$0.00	\$0.00
417	BLACK DRUM BUYER PERMIT	1	1	\$0.00	\$0.00
419	STRIPED BASS BUYER PERMIT	3	3	\$0.00	\$0.00
421	EEL SELF-MARKET PERMIT	2	2	\$0.00	\$0.00
471	SPRING TROPHY ST BASS REC PERMIT	29	29	\$0.00	\$0.00
473	COBIA RECREATIONAL PERMIT	96	96	\$0.00	\$0.00
475	TILEFISH/GRPR REC LANDING PERMIT	23	23	\$0.00	\$0.00
476	BLACK SEA BASS REC PERMIT	7	7	\$0.00	\$0.00
500	COMMERCIAL REGISTRATION	101	101	\$190.00	\$19190.00
501	COMM REGISTRATION-SENIOR CITIZ	25	25	\$90.00	\$2250.00
502	COMM REG TRANSFD FROM DELAYED	2	2	\$0.00	\$0.00
509	DELAYED ENTRY-SENIOR CITIZEN	1	1	\$90.00	\$90.00
515	TRANSFERRED COMM REG CARD	4	4	\$190.00	\$760.00
516	TRANSFERRED COMM REG CARD SR	2	2	\$90.00	\$180.00
711	TRANSFERRED CRAB POT 100	1	1	\$48.00	\$48.00
712	TRANSFERRED CRAB POT 300	1	1	\$79.00	\$79.00
717	TRANSFERRED PEELER POT	2	2	\$36.00	\$72.00
770	TRANS CLASS A GILL NET	1	1	\$0.00	\$0.00
800	CHARTER/HEAD BOAT-6 & UNDER	3	3	\$90.00	\$270.00
810	CLASS A FISHING GUIDE LICENSE	2	2	\$100.00	\$200.00
811	CLASS B FISHING GUIDE LICENSE	1	1	\$100.00	\$100.00
812	FISH GUIDE RECIPROCITY PERMIT	1	1	\$0.00	\$0.00
815	STRIPED BASS CHARTER PERMIT	1	1	\$0.00	\$0.00
992	REPLACEMENT DECAL	5	3	\$1.00	\$5.00
				<b>Total Mathews County</b>	<b>\$54,198.00</b>