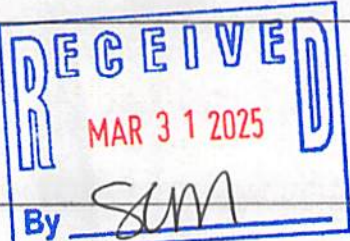


- ❖ DEQ: Permit application fees required for Virginia Water Protection permits – while detailed in 9VAC25-20 – are conveyed to the applicant by the applicable DEQ office (<http://www.deq.virginia.gov/Locations.aspx>). Complete the Permit Application Fee Form and submit it per the instructions to the address listed on the form. Instructions for submitting any other fees will be provided to the applicant by DEQ staff.
- ❖ VMRC: An application fee of \$300 may be required for projects impacting tidal wetlands, beaches and/or dunes when VMRC acts as the LWB. VMRC will notify the applicant in writing if the fee is required. Permit fees involving subaqueous lands are \$25.00 for projects costing \$10,000 or less and \$100 for projects costing more than \$10,000. Royalties may also be required for some projects. The proper permit fee and any required royalty is paid at the time of permit issuance by VMRC. VMRC staff will send the permittee a letter notifying him/her of the proper permit fees and submittal requirements.
- ❖ LWB: Permit fees vary by locality. Contact the LWB for your project area or their website for fee information and submittal requirements. Contact information for LWBs may be found at [http://ccrm.vims.edu/permits\\_web/guidance/local\\_wetlands\\_boards.html](http://ccrm.vims.edu/permits_web/guidance/local_wetlands_boards.html).

FOR AGENCY USE ONLY	
	Notes: 25030392
	JPA # 25 -

## APPLICANTS

### Part 1 – General Information

**PLEASE PRINT OR TYPE ALL ANSWERS:** If a question does not apply to your project, please print N/A (not applicable) in the space provided. If additional space is needed, attach 8-1/2 x 11 inch sheets of paper.

<i>Check all that apply</i>				
Pre-Construction Notification (PCN) <input type="checkbox"/> NWP # _____ (For Nationwide Permits ONLY - No DEQ-VWP permit writer will be assigned)		Regional Permit 17 (RP-17) <input type="checkbox"/>		
County or City in which the project is located: Gloucester County, Hayes, VA				
Waterway at project site: Sarah Creek, NW				
<b>PREVIOUS ACTIONS RELATED TO THE PROPOSED WORK</b> (Include all federal, state, and local pre application coordination, site visits, previous permits, or applications whether issued, withdrawn, or denied)				
Historical information for past permit submittals can be found online with VMRC - <a href="https://webapps.mrc.virginia.gov/public/habitat/">https://webapps.mrc.virginia.gov/public/habitat/</a> - or VIMS - <a href="http://ccrm.vims.edu/perms/newpermits.html">http://ccrm.vims.edu/perms/newpermits.html</a>				
Agency	Action / Activity	Permit/Project number, including any non-reporting Nationwide permits previously used (e.g., NWP 13)	Date of Action	If denied, give reason for denial

## Part 1 - General Information (continued)

1. Applicant's legal name\* and complete mailing address: Contact Information:

Mr. John C. Muerdler  
2023 Tillage Lane  
Hayes, VA 23072

540  
272  
5550

Home ( ) \_\_\_\_\_  
Work ( ) \_\_\_\_\_  
Fax ( ) \_\_\_\_\_  
Cell ( ) \_\_\_\_\_  
e-mail Jack.muerdler@gmail.com

State Corporation Commission Name and ID Number (if applicable) \_\_\_\_\_

2. Property owner(s) legal name\* and complete address, if different from applicant: Contact Information:

Home ( ) \_\_\_\_\_  
Work ( ) \_\_\_\_\_  
Fax ( ) \_\_\_\_\_  
Cell ( ) \_\_\_\_\_  
e-mail \_\_\_\_\_

State Corporation Commission Name and ID Number (if applicable) \_\_\_\_\_

3. Authorized agent name\* and complete mailing address (if applicable):

Jeff Watkins  
P.O. Box 515  
Gloucester, VA 23061

Contact Information:  
Home ( ) \_\_\_\_\_  
Work ( ) \_\_\_\_\_  
Fax ( ) \_\_\_\_\_  
Cell (804) 815-0813  
e-mail Jwatkins49@cox.net

State Corporation Commission Name and ID Number (if applicable) \_\_\_\_\_

**\* If multiple applicants, property owners, and/or agents, each must be listed and each must sign the applicant signature page.**

4. Provide a detailed description of the project in the space below, including the type of project, its dimensions, materials, and method of construction. Be sure to include how the construction site will be accessed and whether tree clearing and/or grading will be required, including the total acreage. If the project requires pilings, please be sure to include the total number, type (e.g. wood, steel, etc), diameter, and method of installation (e.g. hammer, vibratory, jetted, etc). If additional space is needed, provide a separate sheet of paper with the project description.

Shoreline Erosion Control Project  
Class I rock revetment is to be installed in front of a  
100 L.F. of failing timber bulkhead.

Access from land.

No grading.

Class I armor stone over core stone and heavy filter fabric.

## Part 1 - General Information (continued)

5. Have you obtained a contractor for the project? ☒ Yes\* ☐ No. \*If your answer is "Yes" complete the remainder of this question and submit the Applicant's and Contractor's Acknowledgment Form (enclosed)

Contractor's name\* and complete mailing address:

Shoreline Structures, LLC  
Jeff Watkins  
P.O.Box 515  
Gloucester, VA

Contact Information:

Home ( ) \_\_\_\_\_  
Work ( ) \_\_\_\_\_  
Fax ( ) \_\_\_\_\_  
Cell (804 ) 815-0813  
email jwatkins49@cox.net

State Corporation Commission Name and ID Number (if applicable) \_\_\_\_\_

**\* If multiple contractors, each must be listed and each must sign the applicant signature page.**

6. List the name, address and telephone number of the newspaper having general circulation in the area of the project. Failure to complete this question may delay local and State processing.

Name and complete mailing address:

Gazette Journal  
Gloucester VA

Telephone number

(804 ) 693-3101

7. Give the following project location information:

Street Address (911 address if available) 2023 Tillage Lane

Lot/Block/Parcel#

Subdivision

City / County Hayes, Gloucester

ZIP Code 23072

Latitude and Longitude at Center Point of Project Site (Decimal Degrees):

/ - (Example: 36.41600/-76.30733)

If the project is located in a rural area, please provide driving directions giving distances from the best and nearest visible landmarks or major intersections. *Note: if the project is in an undeveloped subdivision or property, clearly stake and identify property lines and location of the proposed project. A supplemental map showing how the property is to be subdivided should also be provided.*

8. What are the *primary and secondary purposes of and the need for* the project? For example, the primary purpose may be "to protect property from erosion due to boat wakes" and the secondary purpose may be "to provide safer access to a pier."

Control Erosion

## Part 1 - General Information (continued)

9. Proposed use (check one):  
☒ Single user (private, non-commercial, residential)  
☐ Multi-user (community, commercial, industrial, government)
10. Describe alternatives considered and the measures that will be taken to avoid and minimize impacts, to the maximum extent practicable, to wetlands, surface waters, submerged lands, and buffer areas associated with any disturbance (clearing, grading, excavating) during and after project construction. *Please be advised that unavoidable losses of tidal wetlands and/or aquatic resources may require compensatory mitigation.*
11. Is this application being submitted for after-the-fact authorization for work which has already begun or been completed? ☐ Yes ☒ No. If yes, be sure to clearly depict the portions of the project which are already complete in the project drawings.
12. Approximate cost of the entire project (materials, labor, etc.): \$ TBD  
Approximate cost of that portion of the project that is channelward of mean low water:  
\$ < 10k \_\_\_\_\_
13. Completion date of the proposed work: Summer 2025 - \_\_\_\_\_
14. Adjacent Property Owner Information: List the name and complete **mailing address**, including zip code, of each adjacent property owner to the project. (NOTE: If you own the adjacent lot, provide the requested information for the first adjacent parcel beyond your property line.) Failure to provide this information may result in a delay in the processing of your application by VMRC.
1. Mr. and Mrs. Stuart Fisher: 2033 Tillage Lane, Hayes, VA 23072
2. Mr. William Davis: 2009 Tillage Lane, Hayes, VA 23072



## Part 2 - Signatures

### 1. Applicants and property owners (if different from applicant).

**NOTE: REQUIRED FOR ALL PROJECTS**

**PRIVACY ACT STATEMENT:** The Department of the Army permit program is authorized by Section 10 of the Rivers and Harbors Act of 1899, Section 404 of the Clean Water Act, and Section 103 of the Marine Protection Research and Sanctuaries Act of 1972. These laws require that individuals obtain permits that authorize structures and work in or affecting navigable waters of the United States, the discharge of dredged or fill material into waters of the United States, and the transportation of dredged material for the purpose of dumping it into ocean waters prior to undertaking the activity. Information provided in the Joint Permit Application will be used in the permit review process and is a matter of public record once the application is filed. Disclosure of the requested information is voluntary, but it may not be possible to evaluate the permit application or to issue a permit if the information requested is not provided.


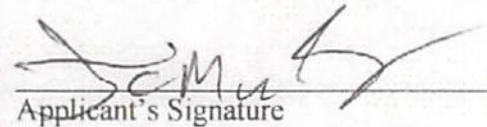
**CERTIFICATION:** I am hereby applying for all permits typically issued by the DEQ, VMRC, USACE, and/or Local Wetlands Boards for the activities I have described herein. I agree to allow the duly authorized representatives of any regulatory or advisory agency to enter upon the premises of the project site at reasonable times to inspect and photograph site conditions, both in reviewing a proposal to issue a permit and after permit issuance to determine compliance with the permit.

In addition, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**John C. Muerdler**

Applicant's Legal Name (printed/typed)

(Use if more than one applicant)

   
Applicant's Signature

(Use if more than one applicant)

3-1-25  
Date

Property Owner's Legal Name (printed/typed)  
(If different from Applicant)

(Use if more than one owner)

Property Owner's Signature

(Use if more than one owner)

Date

## Part 2 – Signatures (continued)

### 2. Applicants having agents (if applicable)

#### CERTIFICATION OF AUTHORIZATION

I (we), Muerdler, hereby certify that I (we) have authorized Jeff Watkins  
(Applicant's legal name(s)) (Agent's name(s))  
to act on my behalf and take all actions necessary to the processing, issuance and acceptance of this permit and any and all  
standard and special conditions attached.

We hereby certify that the information submitted in this application is true and accurate to the best of our knowledge.

[Signature]  
(Agent's Signature)

\_\_\_\_\_  
(Use if more than one agent)

3-1-25  
(Date)

[Signature]  
(Applicant's Signature)

\_\_\_\_\_  
(Use if more than one applicant)

3-1-25  
(Date)

### 3. Applicant's having contractors (if applicable)

#### CONTRACTOR ACKNOWLEDGEMENT

I (we), Muerdler, have contracted Shoreline Structures, LLC  
(Applicant's legal name(s)) (Contractor's name(s))  
to perform the work described in this Joint Permit Application, signed and dated March 1, 2025.

We will read and abide by all conditions set forth in all Federal, State and Local permits as required for this project. We understand that failure to follow the conditions of the permits may constitute a violation of applicable Federal, state and local statutes and that we will be liable for any civil and/or criminal penalties imposed by these statutes. In addition, we agree to make available a copy of any permit to any regulatory representative visiting the project to ensure permit compliance. If we fail to provide the applicable permit upon request, we understand that the representative will have the option of stopping our operation until it has been determined that we have a properly signed and executed permit and are in full compliance with all terms and conditions.

Shoreline Structures, LLC

Contractor's name or name of firm

[Signature]  
Contractor's signature and title

P.O. Box 515

Contractor's or firms address

Gloucester, VA 23061

Contractor's License Number

[Signature]  
Applicant's signature

\_\_\_\_\_  
(use if more than one applicant)

3-1-25  
Date

## Part 3 – Appendices (continued)

**Appendix B: Projects for Shoreline Stabilization** in tidal wetlands, tidal waters and dunes/beaches including riprap revetments and associated backfill, marsh toe stabilization, bulkheads and associated backfill, breakwaters, beach nourishment, groins, jetties, and living shoreline projects. Answer all questions that apply. Please provide any reports provided from the Shoreline Erosion Advisory Service or VIMS.

**NOTE:** It is the policy of the Commonwealth that living shorelines are the preferred alternative for stabilizing tidal shorelines (Va. Code § 28.2-104.1). Information on non-structural, vegetative alternatives (i.e., Living Shoreline) for shoreline stabilization is available at [http://ccrm.vims.edu/coastal\\_zone/living\\_shorelines/index.html](http://ccrm.vims.edu/coastal_zone/living_shorelines/index.html).

1. Describe each revetment, bulkhead, marsh toe, breakwater, groin, jetty, other structure, or living shoreline project separately in the space below. Include the overall length in linear feet, the amount of impacts in acres, and volume of associated backfill below mean high water and/or ordinary high water in cubic yards, as applicable:

100 L. F. of rock revetment in front of a failing timber bulkhead.  
Class I as armor, core stone and heavy filter fabric.  
6.5' tall, 12' base, buried toe.  
No back fill needed.

2. What is the maximum encroachment channelward of mean high water? 12 feet.  
Channelward of mean low water? 5 feet.  
Channelward of the back edge of the dune or beach? NA feet.
3. Please calculate the square footage of encroachment over:

• Vegetated wetlands	<u>0</u>	square feet
• Non-vegetated wetlands	<u>700</u>	square feet
• Subaqueous bottom	<u>500</u>	square feet
• Dune and/or beach	<u>NA</u>	square feet
4. For bulkheads, is any part of the project maintenance or replacement of a previously authorized, currently serviceable, existing structure?      Yes      No.

If yes, will the construction of the new bulkhead be no further than two (2) feet channelward of the existing bulkhead?      Yes      No.

If no, please provide an explanation for the purpose and need for the additional encroachment.

## Part 3 – Appendices (continued)

5. Describe the type of construction and all materials to be used, including source of backfill material, if applicable (e.g., vinyl sheet-pile bulkhead, timber stringers and butt piles, 100% sand backfill from upland source; broken concrete core material with Class II quarry stone armor over filter cloth).

**NOTE: Drawings must include construction details, including dimensions, design and all materials, including fittings if used.**

**Class I quarry stone over core rock and filter fabric**

- 6. If using stone, broken concrete, etc. for your structure(s), what is the average weight of the:**

Core (inner layer) material 5-10 pounds per stone      Class size Gablon

Armor (outer layer) material 50-150 pounds per stone Class size 1

- 7. For beach nourishment, including that associated with breakwaters, groins or other structures, provide the following:**

- Volume of material \_\_\_\_\_ cubic yards channelward of mean low water  
                                       \_\_\_\_\_ cubic yards landward of mean low water  
                                       \_\_\_\_\_ cubic yards channelward of mean high water  
                                       \_\_\_\_\_ cubic yards landward of mean high water

- **Area to be covered**
  - \_\_\_\_\_ square feet channelward of mean low water
  - \_\_\_\_\_ square feet landward of mean low water
  - \_\_\_\_\_ cubic yards channelward of mean high water
  - \_\_\_\_\_ cubic yards landward of mean high water

- **Source of material, composition (e.g. 90% sand, 10% clay):** \_\_\_\_\_
- **Method of transportation and placement:** \_\_\_\_\_

- Describe any proposed vegetative stabilization measures to be used, including planting schedule, spacing, monitoring, etc. Additional guidance is available at <http://www.vims.edu/about/search/index.php?q=planting+guidelines>:



NW BRANCH  
SARAH Creek

← FLOOD

Alignment  
of ext. PIER

PROPOSED  
Rock Reo'T.  
100'  
12' base

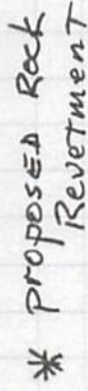
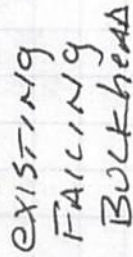


EXISTING BULKHEAD  
'FAILING'

100'

1"=20'  
3-1-25  
John C  
Muendler  
2023 Tillog &  
Lt  
Hayes Jr  
Gloucester  
Sarah Creek  
JHW

Access

$$1'' = 3$$


CLASS I Rock  
over CORE &  
FILTER FABRIC

$$\frac{1.75}{\text{FACE} = 1.1}$$

Burried Toe: 2'  
1' 1/2 - 3'

## FILTER FABRIC

FEB. 20, 2025