# WETLANDS AND SUBAQUEOUS LANDS SECTION PERMIT APPLICATION FORM

# For Subaqueous Lands, Wetlands, Marina and 401 Water Quality Certification Projects

State of Delaware Department of Natural Resources and Environmental Control Division of Water

Wetlands and Subaqueous Lands Section



APPLICATION FOR APPROVAL OF SUBAQUEOUS LANDS, WETLANDS, MARINA AND WATER QUALITY CERTIFICATION PROJECTS

### PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY

#### **Application Instructions:**

- 1. Complete each section of this basic application and appropriate appendices as thoroughly and accurately as possible. Incomplete or inaccurate applications will be returned.
- 2. All applications must be accompanied by a scaled plan view and cross-section view plans that show the location and design details for the proposed project. Full construction plans must be submitted for major projects.
- 3. All applications must have an original signature page and proof of ownership or permitted land use agreement.
- 4. Submit an original and two (2) additional copies of the application (total of 3) with the appropriate application fee and public notice fee\* (prepared in separate checks) to:

#### Department of Natural Resources and Environmental Control Wetlands and Subaqueous Lands Section 89 Kings Highway Dover, Delaware 19901

\*Application and public notice fees are non-refundable regardless of the Permit decision or application status.

5. No construction may begin at the project site before written approval has been received from this office.

#### **Helpful Information:**

1.	Tax Parcel Information:	New Castle County	(302) 395-5400
		Kent County	(302) 736-2010
		Sussex County	(302) 855-7878
2.	Recorder of Deeds:	New Castle County	(302) 571-7550
		Kent County	(302) 744-2314
		Sussex County	(302) 855-7785

- 3. A separate application and/or approval may be required through the Army Corps of Engineers. Applicants are strongly encouraged to contact the Corps for a determination of their permitting requirements. For more information, contact the Philadelphia District Regulator of the Day at (215) 656-6728 or visit their website at: <u>http://www.nap.usace.army.mil/Missions/Regulatory.aspx.</u>
- 4. For questions about this application or the Wetlands and Subaqueous Lands Section, contact us at (302) 739-9943 or visit our website at: <a href="http://www.dnrec.delaware.gov/wr/Services/Pages/WetlandsAndSubaqueousLands.aspx">http://www.dnrec.delaware.gov/wr/Services/Pages/WetlandsAndSubaqueousLands.aspx</a>. Office hours are Monday through Friday 8:00 AM to 4:30 PM, except on State Holidays.

# **APPLICANT'S REVIEW BEFORE MAILING**

#### **DID YOU COMPLETE THE FOLLOWING?**

Yes	BASIC APPLICATION
<u> </u>	SIGNATURE PAGE (Page 3)
Yes	APPLICABLE APPENDICES
Yes	SCALED PLAN VIEW
Yes	SCALED CROSS-SECTION OR ELEVATION VIEW PLANS
Yes	VICINITY MAP
Yes	COPY OF THE PROPERTY DEED & SURVEY
Yes	THREE (3) COMPLETE COPIES OF THE APPLICATION PACKET
Yes	APPROPRIATE APPLICATION FEE & PUBLIC NOTICE FEE (Separate checks made payable to the State of Delaware)

#### Submit 3 complete copies of the application packet to:

#### Department of Natural Resources and Environmental Control Wetlands and Subaqueous Lands Section 89 Kings Highway Dover, Delaware 19901

#### Before signing and mailing your application packet, please read the following:

The Department requests that the contractor or party who will perform the construction of your proposed project, if other than the applicant, sign the application signature page along with the applicant in the spaces provided. When the application is signed by the contractor as well as the applicant, the Department will issue the Permit to both parties. For Leases, the contractor will receive a separate construction authorization that will make them subject to all of the terms and conditions of the Lease relating to the construction

#### Section 1: Applicant Identification

1.	Applicant's Name: Phyllis Brian, Trustee & Robert Brian	Telephone #: _(410) 271-4530		
	Mailing Address: 38272 Keenwik Road	Fax #:		
	Selbyville, DE 19975	E-mail: run0646@gmail.com		
2.	Consultant's Name: Sarah Freund	— Company Name: Lane Engineering, LLC		
	Mailing Address: 117 Bay Street	Telephone #: (410) 822-8003		
	Easton, MD 21601	Fax #:		
		E-mail: sfreund@leinc.com		
3.	Contractor's Name: Ryan Murphy	Company Name: R.G. Murphy Marine Construction, LLC		
	Mailing Address: 13239 Rollie Road E	Telephone #: (410) 352-5015		
	Bishopville, MD 21813	Fax #:		
		E-mail: rgmurphy11@comcast.net		
Sec	tion 2: Project Description			

4. Check those that apply: New Project/addition to existing project?

□ Repair/Replace existing structure? (If checked, must answer #16)

# 5. Project Purpose (attach additional sheets as necessary): This project proposes to install riprap bulkhead protection in front of an existing bulkhead.

Check each Appendix that is enclosed with this application: 6.

A. Boat Docking Facilities		G. Bulkheads	N. Preliminary Marina Checklist
B. Boat Ramps		H. Fill	O. Marinas
C. Road Crossings	<	I. Rip-Rap Sills and Revetments	P. Stormwater Management
D. Channel Modifications/Dams		J. Vegetative Stabilization	Q. Ponds and Impoundments
E. Utility Crossings		K. Jetties, Groins, Breakwaters	R. Maintenance Dredging
F. Intake or Outfall Structures		M. Activities in State Wetlands	S. New Dredging

#### Section 3: Project Location

Project Site Address: 38272 Keenwik Road 7. Selbyville, DE 19975

County:	□ N.C.	🗆 Kent	✓ Sussex	
Site owner name	e (if differ	ent from	applicant): _	
Address of site of	wner:			

Driving Directions: 1. DE-20/ Zion Church Rd 2. DE-54 E/Lighthouse Rd 3. Right onto Keenwik Rd 8.

(Attach a vicinity map identifying road names and the project location)

9. Tax Parcel ID Number: 533-20.13-38.00 Subdivision Name: Keenwik

WSLS Use	Only:	Permi	t #s:						_
Туре	SP 🗆	SL □	SU 🗆	WE 🗆	$\mathbf{W}\mathbf{Q}$ $\Box$	LA 🗆	SA 🗆	$\mathbf{MP} \ \Box$	WA 🗆
Corps Permit: SPGP 18 🗆 20 🗆 Nationwide Permit #:					Indi	vidual Pern	nit #		
<b>Received D</b>	Date:		Pro	ject Scientis	t:				
Fee Receiv	ed? Yes 🗆	No 🗆	Amt: \$		Receipt #: _				
Public Not	ice #:		<b>Public Notice</b>	Dates: ON		OFF			

Section 3: Project Location (0	Continued)
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10. Name of waterbody	at Project Location: Roy C	reek	waterbody is	a tributary to: <u>/</u>	ssawoman	Bay
11. Is the waterbody:	🗹 Tidal 🗆 Non-tidal	Waterbody	width at mea	n low or ordina	y high wa	ater <u>1,500'</u>
12. Is the project:	□ On public subaqueou □ In State-regulated we	s lands? □ O tlands? □ In	n private suba Federally-reg	queous lands?* ulated wetlands	?	
*If the project is on priv	ate subaqueous lands, prov	vide the name of	the subaqueou	s lands owner:		
(Written permission from	n the private subaqueous la	ands owner must	be included w	vith this applicat	ion)	
13. Present Zoning:	🗆 Agricultural 🗸 Res	sidential 🗆 Co	ommercial	Industrial	□ Other	
Section 4: Miscellaneou 14. A. List the names project (attach addit Michael & Dina Tremi 38275 Jeffrey & Susan Hager 3826	IS and complete mailing add ional sheets as necessary): Keenark Rd, Selbyville, DE 1997 6 Keenwik Rd, Selbyville, DE 1997	Iresses of the im	mediately ad	joining property	owners	on all sides of the
<ul> <li>B. For wetlands and foot radius of the project</li> <li></li></ul>	d marina projects, list the c (attach additional sheets a c ) C DNREC and/or Army Corp	names and comp as necessary):	presentatives v	uddresses of pro	perty owr	hers within a 1,000
<ul> <li>A. Have you had a S</li> <li>B. Has the project b</li> <li>*If yes, what w</li> <li>16. Are there existing si</li> <li>*If yes, provide</li> </ul>	State Jurisdictional Determ een reviewed in a monthly as the date of the meeting? ructures or fill at the proje the permit and/or lease m	ination performe Joint Permit Pro 	d on the prope cessing Meeti cous lands?	erty? ng? —— Yes	<ul><li>Yes</li><li>Yes</li><li>No</li></ul>	✓ No ✓ No
*If no, were str 17. Have you applied fo ✓ No □ Pen	uctures and/or fill in place or or obtained a Federal pe ding Issued	prior to 1969? rmit from the Arr □ Denied	my Corps of E Date:	□ Yes □ No		
Type of Permit:		Fede	eral Permit or 1	ID #:		
18. Have you applied for √No □ Pen	or permits from other Secti ding	ons within DNRI	EC? Date:	Perm	it or ID #	:
Type of permit (circle a	II that apply): Septic	well NPDE	S Storm	water		
Other:						

#### Section 5: Signature Page

19. Agent Authorization:

If you choose to complete this section, all future correspondence to the Department may be signed by the duly authorized agent. In addition, the agent will become the primary point of contact for all correspondence from the Department.

I do not wish to authorize an agent to act on my behalf

I wish to authorize an agent as indicated below 🗸

, hereby designate and authorize Lane Engineering, LLC c/o Sarah Freund I, Phyllis Brian (Name of Agent) (Name of Applicant) to act on my behalf in the processing of this application and to furnish any additional information requested by the

Department.

Authorized Agent	's Name:	Lane Engineering, LLC c/o Sarah Freund
Mailing Address:	117 Bay Str	reet
5	Easton, MD	21601

Telephone #: (410) 822-8003 Fax #: E-mail: sfreund@leinc.com

10/30/24

Date

20. Agent's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application.

Sarah Freund

Agent's Signature

21. Applicant's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge and that I am required to inform the Department of any changes or updates to the information provided in this application. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application. I grant permission to authorized Department representatives to enter upon the premises for inspection purposes during working hours.

\_\_\_\_\_ Applicant's Signature

Hyllis Brian Print Name

11/15/2024 Date

22. Contractor's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge, and that I am required to inform the Department of any changes or updates to the information provided in this application. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application.

RGMUVPMULC Contractor's Name RYAN G. MURPHY

DINOVZM Date

#### **Rip-Rap Sills and Revetments**

Please respond to each question. Questions left blank may result in the application being returned as incomplete. In addition, the answers to all of the questions in this Appendix must correspond accurately to the information on the plan and section view drawings for the project.

1. Will the project be:

New Construction (un-stabilized shoreline)

\_\_\_\_ Repair or Replacement of an Existing Rip-Rap Structure or Rubble

Repair or Replacement of an Existing Bulkhead

(If repair or replacement, submit photographs of the entire existing structure).

- 2. How many linear feet of shoreline are proposed to be stabilized? 100'
- 3. Is the project a: 🗹 Standard rip-rap revetment \_\_\_\_\_ Free-standing sill
- 4. Describe the existing shoreline:

The existing shoreline is stabilized with a bulkhead that is in need of additional protection.

5. What is the total number of cubic yards of rip-rap that will be used? 59 cy

- 6. What is the number of cubic yards of rip-rap per running foot of shoreline? <u>5.9 cy</u> (See page 4 for a guide to calculating total cubic yards and cubic yards per running foot).
- 7. What will be the average weight of the stone used for the:

Armor stone: <u>R5</u> Core stone: <u>Gabion stone</u> [If material other than stone, such as prefab geo-grid or other similar product is proposed, please describe here and include photographs or a brochure. The Department strongly discourages the use of broken concrete, cinderblocks or other materials that are less dense than stone, more apt to move off site due to currents or wave action, and/or are not aesthetically pleasing or in keeping with the natural environment.]

Describe:

8.	For Standard Revetments answer A–F, below: (for Sill projects, skip to Question #9) A. How many linear feet will the structure extend channelward of: Mean High Water: <u>8'</u> Mean Low Water: <u>8'</u> Ordinary High Water: (for non-tidal waters)
	<ul> <li>B. How many square feet of the structure will be located:</li> <li>Channelward of Mean High Water: <u>795 sf</u> Channelward of Mean Low Water: <u>795 sf</u></li> <li>Channelward of Ordinary High Water: (for non-tidal waters)</li> <li>On vegetated wetlands:</li> </ul>
	C. Will the revetment be backfilled? Yes $\checkmark$ No If yes, complete Appendix H and include it in your application.
	D. Will filter cloth be used behind the rip-rap structure? $\checkmark$ Yes No
	E. What is the average slope of the existing bank? <u>N/A - Bulkhead</u>
	<ul> <li>F. What is the proposed slope of the rip-rap revetment? <u>2:1</u></li> <li>(See page 3 for a guide to calculating slopes).</li> </ul>
9.	Sill Projects:
	A. What is the base width of the proposed structure:
	B. What is the top width of the proposed structure:
	C. How many square feet of the structure will be located:
	Channelward of Mean High Water: Channelward of Mean Low Water: Channelward of Ordinary High Water: (for non-tidal waters) On vegetated wetlands:
	D. What will be the average height of the structure:
	E. How much of the structure (in inches) will extend vertically above:
	Mean High Water: Ordinary High Water: (for non-tidal waters)
	<ul> <li>F. Are breaks or notches proposed in the sill to allow for greater flushing? Yes No</li> <li>G. Will fill material be placed behind the sill? Yes No If yes, complete appropriate appendix.</li> </ul>

 H. Will wetland vegetation be planted behind the sill?
 Yes
 No

 If yes, complete Appendix H and include it in your application.
 Yes
 No

10. Construction Techniques (Complete for both Revetment and Sill Projects):

A. Will any dredging be required? \_\_\_\_ Yes  $\checkmark$  No

If yes, please include appropriate dredging Appendix with your application).

B. Please describe the sequence of construction and any techniques that will be utilized to minimize adverse impacts on the aquatic environment, and to preserve existing vegetation (particularly woody vegetation) along the shoreline:

The contractor will place filter cloth and riprap in front of the existing bulkhead. No vegetation will be disturbed.

#### CALCULATIONS

RUN = Base width of the structure (in feet) RISE = Vertical height of the structure (in feet)

I. How to calculate total cubic yards:

0.5 \* RUN \* RISE \* Linear feet of shoreline stabilized/27 = Total Cubic Yards

II. How to calculate cubic yards per running foot of shoreline:

Total # Cubic Yards/ Linear feet of shoreline = Cubic yards per running foot

III. How to calculate slope: Slope = RUN/RISE

#### EXAMPLE:

If we propose to stabilize 100 linear feet of shoreline with a rip-rap revetment that has a basewidth of 6 feet and a height of 3 feet:

0.5 \* 6 \* 3 \* 100/27 = 33.33 Total Cubic Yards

- II. 33.33/ 100= 0.333 Cubic Yards per running foot
- III. 6/3= Slope of 2



## LEGEND & ABBREVIATIONS

MHW	MEAN	HIGH	WATER	(APPROXIMATE)
MLW	MEAN	LOW	WATER	(APPROXIMATE)

PROPERTY LINE

SPOT ELEVATION/SOUNDING x-2.15

# PROJECT NOTES

PROPERTY OWNER/DEVELOPER: PHYLLIS BRIAN, TRUSTEE ROBERT BRIAN (410) 271-4530

PROPERTY ADDRESS: 38272 KEENWIK ROAD SELBYVILLE, DE 19975

DEED REFERENCE: 533-20.13-38.00 BOOK: 5835, PAGE: 280

ZONING CLASSIFICATION: MR (MEDIUM RESIDENTIAL)

THE PROPERTY BOUNDARY AND EXISTING CONDITIONS SHOWN HEREON WERE TAKEN FROM GENERAL MAPS, DEED, PLAT, SITE SKETCH AND AERIAL PHOTO INTERPRETATION. THESE MAPS ARE BELIEVED TO BE THE BEST, READILY AVAILABLE SOURCE OF INFORMATION FOR MARINE PERMITTING PURPOSES. A BOUNDARY AND/OR EXISTING CONDITIONS SURVEY HAS NOT BEEN COMPLETED. LANE ENGINEERING IS NOT RESPONSIBLE FOR ANY INACCURACIES ASSOCIATED WITH THE LOCATION OF THE ABOVE REFERENCED EXISTING FEATURES AND RELATED LATERAL LINES, SETBACKS, ETC.

FL	JOE	DAT	RE HS	SITE & PROJECT NOTES	<u>Lane Engineering, LLC</u>		
No.	ALE: AS 1 3 No. 24	E: AS N	EET No. 2 OF	ON THE LANDS OF PHYLLIS BRIAN, TRUSTEE SELBYVILLE DELAWARE	Established 1986 Civil Engineers • Land Planning • Land Surveyors		
)Е16	0402	IOTED	6	IN THE BALTIMORE HUNDRED, SUSSEX COUNTY 533–20.13–38.00	E-mail: general@leinc.com 117 Bay St. Easton, MD 21601 (410) 822-8003 15 Washington St. Cambridge, MD 21613 (410) 221-0818 354 Pennsylvania Ave. Centreville, MD 21617 (410) 758-2095		
Date: XREF	Date: 12/23/2024 - 10:09am User: sfreund Project Manager: SJF Drawing Path: J:\2024\0400\240402\Civil3D-240402\Dwg\Plots\HMP-PLTS-240402.dwg   Sheet2NE ENGINEERING,						









Electronically Recorded Document# 2023000000390 BK: 5835 PG: 280 Recorder of Deeds, Alexandra Reed Baker On 1/5/2023 at 9:46:06 AM Sussex County, DE Consideration: \$0.00 County/Town: \$0.00 State: \$0.00 Total: \$0.00 Doc Surcharge Paid Town: SUSSEX COUNTY

Tax Map and Parcel #: #5-33-20.13.38.00

PREPARED BY: TOMASETTI LAW LLC 1100 Coastal Hwy., Unit 3 Fenwick Island, DE 19944 File No. D23-6/MP

RETURN TO: PHYLLIS C. BRIAN, TRUSTEE 38272 Keenwik Road Selbyville, DE 19975

#### **NO TITLE SEARCH REQUESTED OR PERFORMED**

THIS DEED, made this 4<sup>th</sup> day of January, 2023,

#### - BETWEEN -

PHYLLIS C. BRIAN, of 38272 Keenwik Road, Selbyville, DE 19975, party of the first part,

#### - AND -

#### PHYLLIS C. BRIAN, TRUSTEE OF THE PHYLLIS C. BRIAN REVOCABLE LIVING TRUST DATED JANUARY 4, 2023, of 38272 Keenwik Road, Selbyville, DE 19975, party of the second part.

WITNESSETH: That the said party of the first part, for and in consideration of the sum of **Ten and 00/100 Dollars (\$10.00**), lawful money of the United States of America, the receipt whereof is hereby acknowledged, hereby grants and conveys unto the party of the second part, and its heirs and assigns, in fee simple, the following described lands, situate, lying and being in Sussex County, State of Delaware,:

ALL that certain lot, piece or parcel of land, with the improvements thereon erected, situate in Baltimore Hundred, Sussex County and State of Delaware, being known and designated as Lot Number Two (2) as shown on a plot of lots known as "Keen Wik Subdivision No. 1", owned by C. Edward Adkins as surveyed and plotted by Isaac L. Bennett, surveyor, on

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March 12, 1955, said plot being at Georgetown in Plot Book 2, Page 88. Lot No. 2 bounded on the East by Keen Wik Road, on the North by Lot. No. 4, on the South by the bay and on the West by a Lagoon.

Said Trustee or Trustees, as applicable, shall have and hold the herein described property in fee simple and with full power and authority in said Trustee or Trustees, as applicable, to sell, contract, exchange, convey, mortgage, encumber, lease, subdivide or other or otherwise dispose of and deal with said property.

No party dealing with the Trustee or Trustees, as applicable, in relation to said property in any manner whatsoever shall be obligated to (a) see to the application of any purchase money, rent or money borrowed or otherwise advanced on the property, (b) to see that the terms of this trust have been complied with, (c) to inquire into the authority, necessity or expediency of any act of the Trustees, or (d) be privileged to inquire into any of the terms of the trust agreement.

Every deed, mortgage, lease, or trust or other instrument executed by the Trustee or Trustees, as applicable, in relation to the property shall be conclusive evidence in favor of every person claiming right, title or interest thereunder (a) that at the time of the delivery thereof, this deed was in full force and effect, (b) that such instrument was executed in accordance with the trust, terms and conditions thereof and of the trust agreement and is binding upon all beneficiaries thereunder, (c) that the Trustee or Trustees, as applicable, was/were duly authorized and empowered to execute and deliver every such instrument and (d) if such conveyance has been made by a successor or successors in trust, or a Trustee or Trustees has/have been substituted that such successor or successors have been properly and are fully vested with all the right, title, estate, powers and duties of his or her predecessor in trust. The Trustee or Trustees, as applicable, shall have no individual liability or obligation whatsoever arising from his/her/their ownership as Trustee or Trustees, as applicable, of the legal title to said property or with respect to any act done or contract entered into or indebtedness incurred by their dealing with said property or in otherwise acting as such Trustee or Trustees, as applicable, except only so far as said trust property and any trust funds in actual possession of the Trustee or Trustees, as applicable, shall be applicable to the payment and discharge thereof.

BEING the same lands conveyed to Phyllis C. Brian by Deed from Robert M. Brian and Phyllis C. Brian dated April 10, 2015 and recorded in the Office of the Recorder of Deeds in and for Sussex County in Deed Book 4383, Page 344.

SUBJECT to any and all restrictions, reservations, conditions, easements and agreements of record in the Office of the Recorder of Deeds in and for Sussex County, Delaware.

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**IN WITNESS WHEREOF**, the party of the first part has hereunto set her hand and seal the day and year first above written.

Signed, Sealed and Delivered in the presence of:

hift = D

(SEAL)

STATE OF DELAWARE, COUNTY OF SUSSEX: to-wit

**BE IT REMEMBERED**, that on January 4, 2023, personally came before me, the subscriber, PHYLLIS C. BRIAN, party of the first part to this Indenture, known to me personally to be such, and acknowledged this Indenture to be her act and deed.

GIVEN under my Hand and Seal of Office the day and year aforesaid.

Notary Public

My Commission Expires:  $N/\Delta$ 





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