Shoreland Permit Application

for a **Shoreland Protection Permit** under Chapter 49A of Title 10, § 1441 *et seq.*

For Shoreland Permitting Use Only
Application Number: 2158-SP

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION
WATERSHED MANAGEMENT DIVISION
LAKES & PONDS PROGRAM

Public Notice: At the same time this application is filed with Shoreland Permitting, a copy of this application must be provided to the municipal clerk for posting in the municipality in which the project is located.

Submission of this application constitutes notice that the person in Section A intends to create impervious surface and/or cleared area within the Protected Shoreland Area, and certifies that the project will comply with Chapter 49A of Title 10, § 1441 *et seq.* All information required on this form must be provided, and the requisite fees (Section G) must be submitted made payable to the State of Vermont, to be deemed complete. Refer to *The Vermont Shoreland Protection Act - A Handbook for Shoreland Development* and related instructions for guidance in completing this application.

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A. Parcel Information

1. Landowner's Name: Emma Bricker - Mark Huddleston

2a. Physical Address (911 Address): 300 Pelots Point Rd.

2b. Town - County: North Hero | 2c. Zip: 05474

3. SPAN (The School Parcel Account Number is required for your application to be deemed complete. It can be obtained from your property tax bill. If you cannot locate your property tax bill, please obtain this information from your Town Clerk): 449-140-10559

4. Phone: 603.767.9558 | 5. Email: emma.bricker@unh.edu

6. Name of lake/pond: Champlain | 7. Total shore frontage: 795 (feet)

8. Was the parcel of land created before July 1, 2014? ☒ Yes ☐ No

9. Are there wetlands associated with this parcel? ☐ Yes ☑ No
Contact the Wetlands Program: (802) 828-1535 or watershedmanagement.vt.gov/wetlands.htm.

10. Have you ever applied for a permit with the Department of Environmental Conservation associated with this parcel? ☐ Yes ☒ No

11. What is the surface area of your parcel within the Protected Shoreland Area (PSA): 139,400 (square feet)
See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix C, Determining Lakeside Zone & PSA

12. What is the surface area of existing impervious surface on your parcel within the PSA: 2,500 (square feet)
See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix F, Calculating Percent Impervious Surface

13. What is the surface area of existing cleared area on your parcel within the PSA: 39,200 (square feet)
See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix E, Calculating Percent Clearing

B. Applicant Contact Information

1. Name: Emma Bricker

2a. Mailing Address: 2 Garrison Ave.

2b. Municipality: Durham | 2c. State: NH | 2d. Zip: 03824

3. Phone: 603.767.9558 | 4. Email: emma.bricker@unh.edu

C. Application Preparer Information (If the individual preparing the application is not the landowner.)

1. Name:

2a. Mailing Address:

2b. Municipality: | 2c. State: | 2d. Zip:

3. Phone: | 4. Email:

D. Project Description

1. Describe the proposed project. For this application to be considered administratively complete you must attach site plans that denote existing and proposed cleared areas and impervious surface and their distances from mean water level, no fewer than three photos of the project area, and dimensions and associated surface areas of cleared areas and impervious surfaces.

The project would expand an existing retaining wall and concrete pad area. Additional to stabilizing a highly friable bank, the project will connect existing man-made impermiable structures which are currently aiding in the protection of the bank. The project will connect and further stabilize this area.

2. For developed parcels, how far is the existing habitable structure from Mean Water Level 250 (feet), **and** How far will new cleared area or impervious surface be from MWL Ø (feet)?

OR

For undeveloped parcels, how far will new cleared area or impervious surface be from MWL _____ (feet)?

See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix A – Estimating Mean Water Level

3. Can all new cleared area or impervious surface be set back at least 100 feet from MWL? ☐ Yes ☒ No
If no, explain why below (attach support information as needed):

The project is a lake side retaining wall meant to stabilize the bank.

4a. What is the slope of the project site area: 32 %
See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix B, Determining Slope

4b. Is the slope of the project area less than 20%? ☐ Yes ☑ No If yes, skip 4c.

4c. If no above (4b), describe the measures taken to ensure the slope is stable, resulting in minimal erosion and impacts to water quality (attach support information as needed):

As we will be building a retaining wall around a highly friable material and pouring concrete, the project will stabilize the area and reduce the speed of the runoff. The area to be worked on is currently impermiable but unstable. The project would be impermiable but stable.

5a. What is the surface area of new impervious surface associated with this project: 300 (square feet)
See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix F Calculating Percent Impervious Surface

5b. What is the total resulting impervious surface after completion of the project and prior to implementation of best management practices: 2890 (square feet)
For D5b, add A12 to D5a

5c. Is the total in 5b. 20% or less of the parcel area within the PSA? ☑ Yes If yes, skip 5d. ☐ No
If 5a is 0, check the n/a box, otherwise divide 5b by A11 and multiply by 100 for percentage. Total percentage = _____% ☐ N/A

5d. If no above (5c), describe the best management practices used to manage, treat and control erosion from stormwater from the portion of impervious that exceeds 20% (attach support information as needed):

6a. What is the surface area of new cleared area associated with this project: 0 (square feet) See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix E, Calculating Percent Clearing	6b. What is the total resulting cleared area after completion of the project and prior to implementation of best management practices: 0 (square feet) For 6b, add A13 to D6a.

6c. Is the total in 6b. 40% or less of the parcel area within the PSA? ☒ Yes If yes, skip 6d. ☐ No ☐ N/A

If 6a is 0, check the n/a box, otherwise divide 6b by A11 and multiply by 100 for percentage. Total percentage = _____%

6d. If no above (6c), describe the best management practices used to provide erosion control, bank stability, and wildlife habitat functionally equivalent to clearing less than 40% (attach support information as needed).

E. Landowner Certification

As APPLICANT, I hereby certify that the statements presented on this application are true and accurate and recognize that by signing this application, I agree to complete all aspects of the project as authorized. I understand that failure to comply with the foregoing may result in violation of the Shoreland Protection Act, 10 V.S.A. Chapter 49A, and the Vermont Agency of Natural Resources may bring an enforcement action for violations of the Act pursuant to 10 V.S.A. chapter 201.

Applicant/Landowner Signature: _____ Date: Aug. 4 2016

F. Application Preparer Certification (if applicable)

As APPLICATION PREPARER, I hereby 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 gathered and evaluated 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.

Application Preparer Signature: _____ Date: _____

G. Additional Required Documentation (*Please check to ensure you have completed the following*)

- ☑ All sections of the application are complete (or otherwise indicate "not applicable")
- ☑ Application includes site plans denoting existing and proposed cleared area and impervious surface and distances from mean water level
- ☑ Application description includes dimensions and surface areas of cleared areas and impervious surfaces
- ☑ Application includes photos of project area

H. Permit Application Fees

Administrative Fee:$125.00		$ 125.00
Impervious Area Fee: $0.50 per square foot	Enter new impervious area as enterd in item (5a.) 300 x .5	$ 150.00
Total:		$ 275.00

Print Form

Submit this form and application fee, payable to:

State of Vermont
Vermont Department of Environmental Conservation
Watershed Management Division
Shoreland Permitting
1 National Life Drive, Main 2
Montpelier, VT 05620-3522

Direct all correspondence or questions to Shoreland Permitting at: ANR.WSMDShoreland@vermont.gov

For additional information visit: www.watershedmanagement.vt.gov

Attachment A

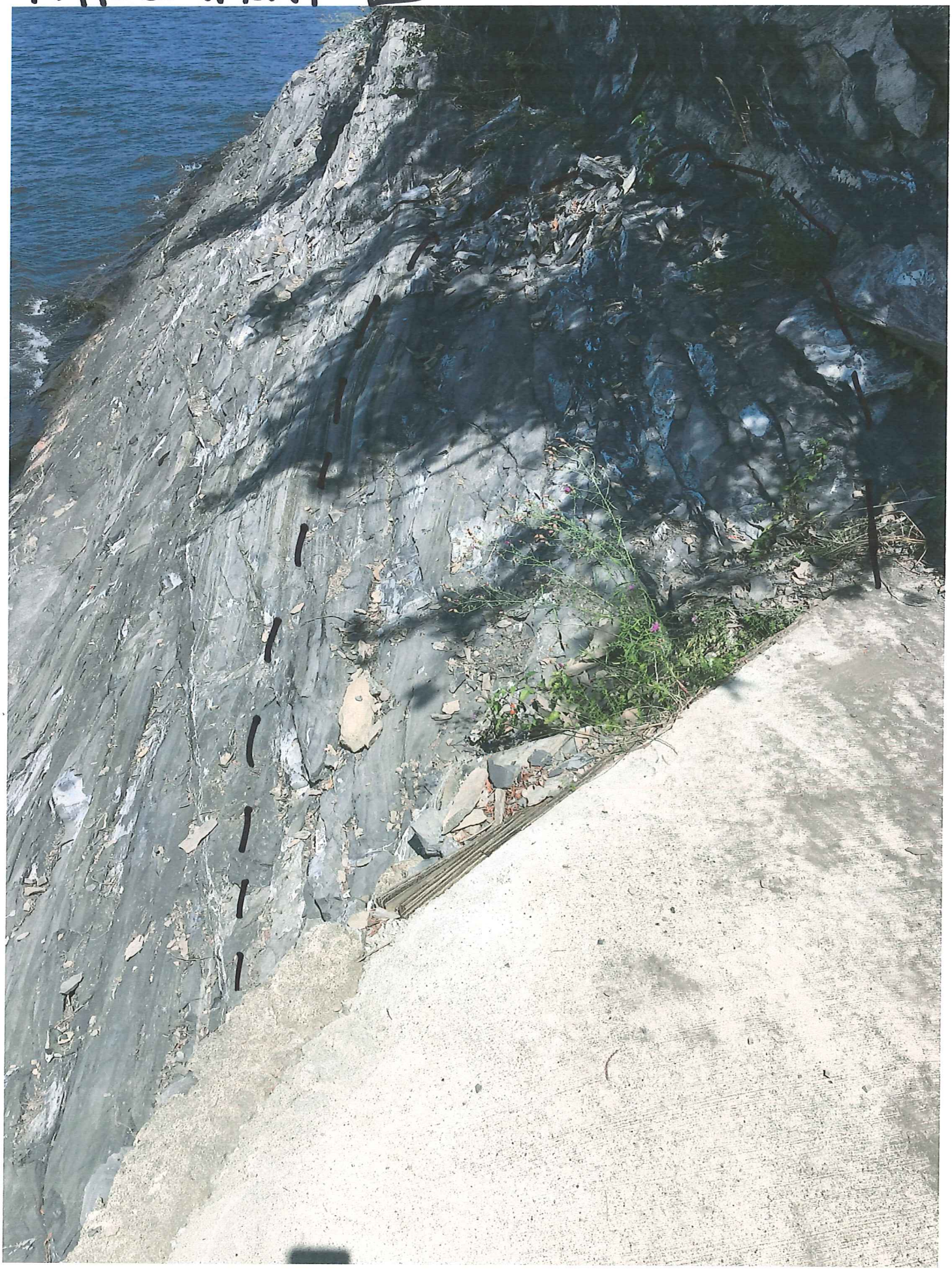
Attachment B

■ = 'impervious area', ## = 'cleared area'

Attachment C

Attachment D

Attachment E



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