



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

Individual Permit Application

For a Lake Encroachment Permit under

Chapter 11 of Title 29, § 401 et seq.



For Lake Encroachment Permitting Use Only
 Application Number: **2228-LEP**

Submission of this application constitutes notice that the person in Section B intends to encroach beyond the mean water level of a lake or pond, and certifies that the project will comply with Chapter 11 of Title 29, § 401 et seq. All information required on this form must be provided, and the requisite fees (Section I) must be submitted made payable to the State of Vermont, to be deemed complete.

A. Project Information

1. Physical Address (911 Address): 254 Pine Haven Shore Lane	
2a. Town- County: Shelburne - Chittenden	2b. Zip: 05482
3. Span (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)	582-183-10261
4. Name of Lake/Pond: lake Champlain	
5. Have you ever applied for a permit with the Department of Environmental Conservation associated with this parcel? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

B. Applicant (Landowner if applicable) Contact Information

1. Name: Stephen Booth			
2a. Mailing Address: 254 Pine Haven Shore Lane			
2b. Town: Shelburne	2c. State: Vermont	2d. Zip: 05482	
3. Phone: 802-965-9393	4. Email: SBooth3031@AOL.com		

C. Application Preparer Contact Information:

1. Name: Same			
2a. Mailing Address:			
2b. Town:	2c. State:	2d. Zip:	
3. Phone:	4. Email:		

D. Abutting Land Owners

Using the abutter addendum available on dec.vermont.gov, attach a list of land owners who abut the proposed project.

E. Project Description

1. Describe the proposed project including the description of the materials and mechanical equipment which may be used during construction and the anticipated work schedule. Identify whether or not the project includes placement or removal of fill and if so, specify the number of cubic yards of fill or dredged materials to be placed or removed beyond the shoreline at mean water level.

The proposed project is to restack stones that were dislodged from the jetty in front of our house by ice. The subject site is one of many jetties built in the 1950's to prevent erosion on the east side of Shelburne Bay. This project re-establishes the erosion control benefit of the jetty and removes the hazard to navigation caused by the displaced stones. Work will be performed using an excavator. No new material will be introduced.

2. Describe the purpose of the proposed project:

To re-establish the erosion control benefit of the jetty and to remove the hazard to navigation caused by the subsurface stones to the north of the jetty.

3. Describe what less intrusive feasible alternatives have been considered:

This is a minor, ~~is~~ non-intrusive project. The only way to make it less intrusive would be to ~~do~~ do nothing.

4. Describe the public benefits of the proposed project:

The public benefit to this project is to re-establish the positive erosion control benefit of the jetty and to remove the hazard to navigation caused by the sub-surface stones that have been dislodged by ice away from the jetty.

F. Encroachment Effects (describe how the proposed project will affect the following)

1. What measures are proposed to minimize the project's effects on water quality (e.g., use of a turbidity curtain)?

This project will have a very minimum impact on water quality. The stones that will be moved are sitting on top of sand. All work that will be performed below the surface of the lake will be complete in under an hour.

2. How will the project minimize effects to fish and wildlife habitat (e.g., project is not to commence until after fish spawning July 1 of any calendar year)?

The project will have a minimum impact on fish and wildlife habitat. The plan will be to complete all work in November when water levels are especially low.

3. Does the project propose removal of aquatic or shoreline vegetation? If so, what measures are proposed to reduce the effects of vegetation removal?

The lake bottom in the subject area is sand/gravel with very little aquatic vegetation in the immediate area. It is anticipated that no vegetation will be affected by this project.

4. Describe the surrounding shoreline. Is the project consistent with these surroundings? What measures are proposed to ensure the project is in-keeping with the surroundings?

The purpose of the project is to bring this jetty in-line with the dozens of jetties that are located to the north & south of the subject area.

5. Will the project affect navigation, recreation, and other public uses? If so, how will these effects be minimized?

One of the primary purposes of the project is to remove the hazard to navigation and swimmers that the dislodged stones is causing.

G. Applicant 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 Chapter 11 of Title 29, § 401 et seq., 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 if applicable) Signature: Angela Beath Date: 10/17/16

I. Applicant 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: Angela Beath Date: 10/17/16

J. 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 with aerial and cross section views; *It is our opinion that this project is too small/minor to justify this expense.*
- Application description includes dimensions and surface areas of cleared areas and impervious surfaces; and
- Application includes photos of project area.

K. Permit Application Fees		
Select the most applicable permit description and requisite fee. If the proposed project involves more than one of the project types, multiple fees may apply. For example, a project involving structural erosion control and marina improvement will require both fees (2) and (3).		
1. Non-structural erosion control project (e.g., rip rap):		
Non-structural erosion control project: \$155.00		\$ 155
Total:		\$ 155
2. Structural erosion control project (e.g., vertical wall replacement)		
Structural erosion control project: \$250.00		
Total:		
3. Other Projects (e.g., marina improvements):		
Other Project: \$300.00		
Project Cost Fee: 0.01 times project cost	Total Project Cost: _____ x 0.01	
Total:		\$ 0.00 \$ 155.

Submit this form and application fee, payable to:
State of Vermont
Vermont Department of Environmental Conservation
Watershed Management Division
1 National Life Dr, Main 2
Montpelier, VT 05620-3522

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

For additional information visit: <http://dec.vermont.gov/watershed/lakes-ponds>



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

Lake Encroachment Application Addendum

For a Lake Encroachment Permit

Chapter 11 of Title 29, § 401 *et seq.*

This Abutting Land Owner Addendum is intended to accompany a completed *Lake Encroachment Permit Application* in instances of a proposed lake encroachment abutting land owners other than the applicant.

I. Abutting Land Owner Information

1. Name:	Gerald & Ann Francis (985-3895)
Address:	279 Pine Haven Shore Lane, 05482 Shelburne, VT 05482
2. Name:	John & Jennifer Pizzagalli (985-5787)
Address:	22A Pine Haven Shore Lane, Shelburne, VT 05482
3. Name:	
Address:	
4. Name:	
Address:	
5. Name:	
Address:	
6. Name:	
Address:	
7. Name:	
Address:	
8. Name:	
Address:	
9. Name:	
Address:	
10. Name:	
Address:	

Submit this form as an addendum to a complete Lake Encroachment Application to:

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

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

For additional information visit: <http://dec.vermont.gov/watershed>

Request for Project Review:

Requestor:

Stephen Booth

254 Pine Haven Shore Lane

Shelburne, VT 05482

Sbooth3031@aol.com

(h) 802-985-9393

(w) 802-540-7760

(c) 802-363-4302

Property Owner: same as above

Project Location:

254 Pine Haven Shore Lane

Shelburne, VT 05482

SPAN # 582-183-10261

Acerage of subject property: 0.53 Acres

Prior Use of Subject Property:

This property has been used as a single family homesite since the original farmland was broken into housing lots in the 1950's.

Project Description:

The subject property is on the east side of Shelburne Bay in Shelburne, Vermont. It is understood that when the original farmland was broken up into housing lots in the mid 1950's that stone jetties were built every 100' or so along the shoreline, perpendicular to the shore to reduce erosion caused by wind and waves traveling south down the lake. Over the last sixty or so years ice has moved many of the original stones that form the jetty on the subje property significantly to both the north and south.

The proposed scope of this project is to restack roughly a dozen stones from both above and below the water level back to the original locations on the jetty. This project will reverse the erosion of theJetty and to eliminate the hazard to navigation that the submerged stones cause. Only existing site stones will be used, no new material will be

introduced. Attached please find pictures of the subject jetty as it exists now, and pictures of neighboring jetties to the north, and to the south.

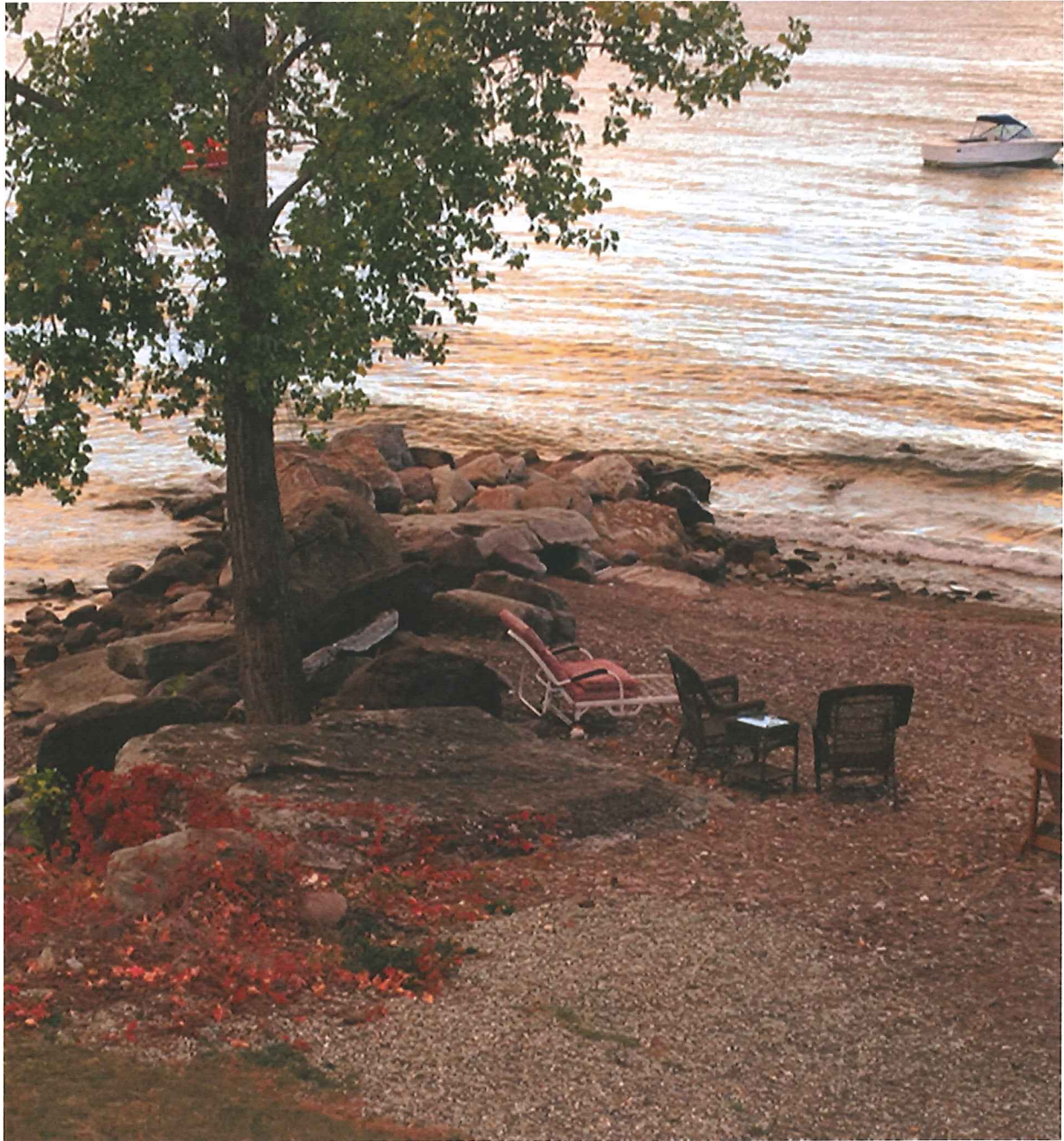
Prior State Permits: As far as we know there are no other State Permits affecting this property.

Wastewater and Water Supply Type: This site is connected to Town of Shelburne, municipal water and wastewater systems.

Site Plans: No site plans have been developed for this project.

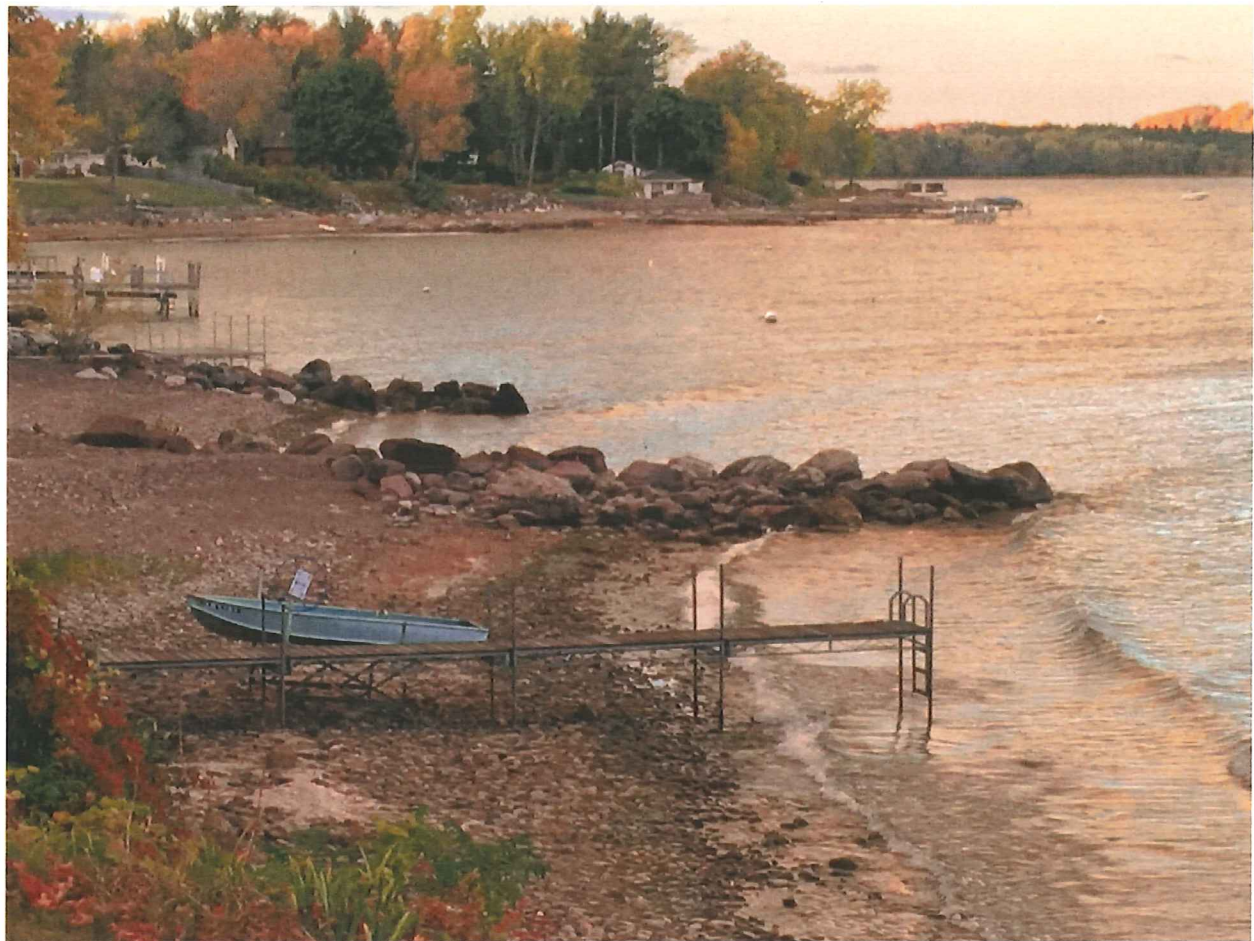


Southwest View of Subject: notice water breaking over stones that have been offset to the north by ice.



Direct West Subject View: Notice water breaking over stones that have been moved by ice to the north and south of the Jetty and overall disorganized pattern to the stones.

View South: of neighboring Jetties



View North: of neighboring Jetties





**US Army Corps
of Engineers**
New England District

Appendix B: Category 1 Self-Verification Form

Supporting Document

Submit this form a **minimum of two weeks before** work commences to the following address. Call (802) 872-2893 with any questions.

U.S. Army Corps of Engineers
New England District, Regulatory Division
Vermont Project Office
11 Lincoln Street, Room 210
Essex Junction, Vermont 05452
Fax: 802 879-7638
Katrina.l.sedney@usace.army.mil

Permittee: Stephen Booth
 Permittee Address: 254 Pine Haven Shore Lane
 City, State & Zip Code: Shelburne, VT 05402
 Phone(s) and Email: 802-985-9393, SBooth3031@AOL.com
 Work Locations/Address: Same as above
 City, State & Zip Code: _____
 Latitude/Longitude coordinates: 44.418326, -73.218311
 Waterway name: Lake Champlain
 Description of Work: Restack stones on Jetty using existing material

Work will be done under the following Appendix A categories (circle all that apply):

- I. Inland Waters and wetlands: a b c d e f
 II. Navigable Waters: a **(b)** c d e f g

Area of wetland impact: _____ square feet (SF)
 Area of waterway impact: 200 SF
 Length of stream impact: _____ linear feet (LF)

Will American Recovery and Reinvestment Act (ARRA) funds be used for any of this project? _____

Contractor: Fisher R. Trucking & Excavating Company
 Contractor Address: 516 Falls Road,
 City, State & Zip Code: Shelburne, Vermont 05402
 Phone(s) and Email: 802-985-3732 / 802-373-4055
 Proposed Work Dates: Start: 10/31/16 Finish: 11/7/16

Your signature below, as permittee, indicates that you accept and agree to comply with the terms, eligibility criteria, and conditions of Category 1 of this Vermont General Permit.

Permittee Signature: Stephen Booth Date: 10/14/16