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

Lake & Shoreland
Permitting Approved
2016.08.24 10:58:37 -04'00'

RECEIVED JUL 19 2016 LMD

Shoreland Permit Application

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

For Shoreland Permitting Use Only
Application Number: 2120-SP

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.

A. Parcel Information

Landowner's Name: Paul + Patti Crosby

2a. Physical Address (911 Address): 59 Partridge Trail

2b. Town - County: Addison

2c. Zip: 05733

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): 345-107-10789 SCL 107

4. Phone: 802-247-0071

5. Email: ltPaul btv@msn.com

6. Name of Lake/Pond: Fern

7. Total Shore Frontage 52 (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 http://dec.vermont.gov/watershed/wetlands

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): 25,000 (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 exisiting 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 are on your parcel within the PSA: 18,750 (square feet)
See the Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix E, Calculating Percent Clearing

B. Applicant Contact Information

1. Name: Paul Crosby

2a. Mailing Address: 59 Partridge Trail

2b. Town: Leicester | 2c. State: VT | 2d. Zip: 05733

3. Phone: 802-247-0071 | 4. Email:

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

1. Name:

2a. Mailing Address:

2b. Town: | 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.

Build a 28x32 garage 200ft from MWL
pictures + site plans e-mailed

2. For developed parcels, how far is the existing habitable structure from Mean Water Level 100 (feet), and how far will new cleared area or impervious surface be from MWL 200 (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):

4a. What is the slope of the project site area: 0 %

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):

5a. What is the surface area of new impervious surface associated with this project: 896 (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: 3,396 (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 D5b by A11 and multiply by 100 for percentage. Total percentage = 13.58% ☐ N/A

5d. If no above (5c), describe the best management practices used to manage, treat, and control erosion from stormwater form the portion of impervious surface 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: 18,750 (Square Feet) For D6b, 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 D6b by A11 and multiply by 100 for percentage. Total percentage = _____%

6d. If no above (6c), establishing vegetative cover (revegetation) is the only applicable best management practice. Please describe a revegetation plan that will be equal to or greater in surface area than the proposed new cleared area as identified in 6a. Identify the location on the parcel where the revegetation will occur and how far from mean water level it will be (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: Paul A Crosby **Date:** 7-18-16

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: Paul A Crosby **Date:** 7-18-16

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 ft.	Enter new impervious area as entered in item (5a) _____ x 0.5	448.00
Total Fee due:		573.00

Submit this form and application fee, payable to: State of Vermont -Vermont Department of Environmental Conservation
Watershed Management Division -Shoreland Permitting
[illegible] National Life Drive. Main 2
Montpelier, VT 05620-3522

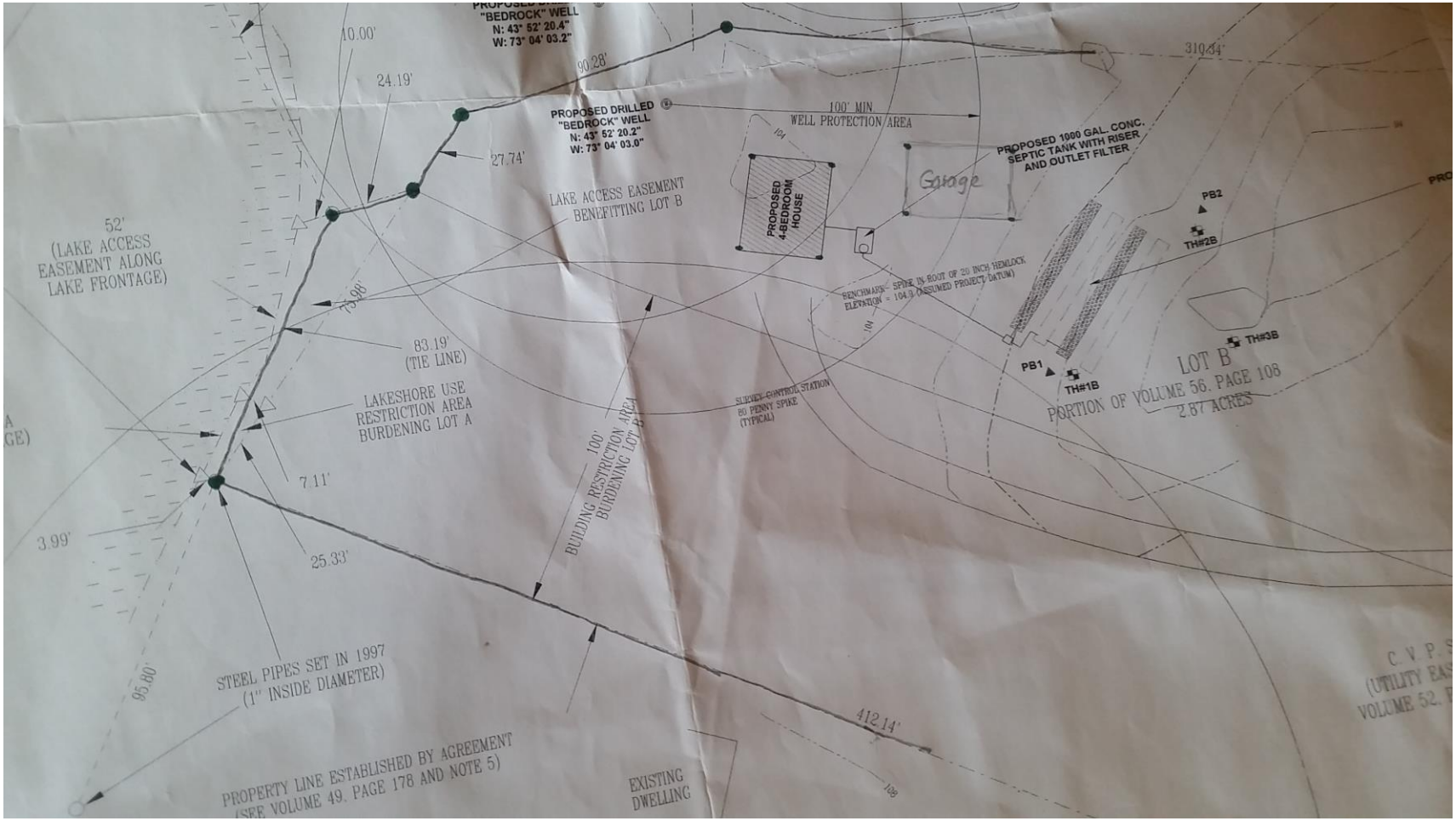
- 100.00 Fee Applied
- 473.00

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

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

Revised April 2016

Pictures and Site Plans Provided over email
7/12/2016


"BEDROCK" WELL
N: 43° 52' 20.4"
W: 73° 04' 03.2"
10.00'
24.19'
90.28'
310.34'
PROPOSED DRILLED
"BEDROCK" WELL
N: 43° 52' 20.2"
W: 73° 04' 03.0"
100' MIN
WELL PROTECTION AREA
27.74'
PROPOSED 1000 GAL. CONC.
SEPTIC TANK WITH RISER
AND OUTLET FILTER
Garage
PROPOSED
4-BEDROOM
HOUSE
LAKE ACCESS EASEMENT
BENEFITTING LOT B
52'
(LAKE ACCESS
EASEMENT ALONG
LAKE FRONTAGE)
PB2
TH#2B
BENCHMARK - SPIKE IN ROOT OF 20 INCH HEMLOCK
ELEVATION = 104.0 (ASSUMED PROJECT DATUM)
83.19'
(TIE LINE)
LAKESHORE USE
RESTRICTION AREA
BURDENING LOT A
PB1
TH#1B
TH#3B
LOT B
PORTION OF VOLUME 56, PAGE 108
2.87 ACRES
SURVEY CONTROL STATION
80 PENNY SPIKE
(TYPICAL)
BUILDING RESTRICTION AREA
BURDENING LOT B
7.11'
3.99'
25.33'
95.80'
STEEL PIPES SET IN 1997
(1" INSIDE DIAMETER)
412.14'
PROPERTY LINE ESTABLISHED BY AGREEMENT
(SEE VOLUME 49, PAGE 178 AND NOTE 5)
EXISTING
DWELLING