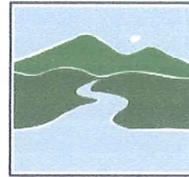


Shoreland Permit Applicationfor a **Shoreland Protection Permit** under
Chapter 49A of Title 10, § 1441 *et seq.***For Shoreland Permit Program Use Only**Application Number: **2172-SP**VERMONT DEPARTMENT OF
ENVIRONMENTAL CONSERVATION**WATERSHED
MANAGEMENT DIVISION**

LAKES & PONDS PROGRAM

Public Notice: At the same time this application is filed with the Shoreland Permit Program, 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**

1. Landowner's Name: Karl D. Johnston

2a. Physical Address (911 Address): 2977 Newark Road

2b. Municipality: Westmore

2c. Zip: 05860

3. SPAN*: 729-232-10318

4. Phone: (802) 765-4069

5. Email: kd.johnston.inc@gmail.com

6. Name of lake/pond: Job's Pond

7. Total shore frontage: 115 (feet)

8. Was the parcel of land created before July 1, 2014? Yes No9. Are there wetlands associated with this parcel? Yes NoContact the Wetlands Program: (802) 828-1535 or www.anr.state.vt.us/dec/waterq/wetlands.htm.10. Is there a lake encroachment permit associated with this project? Yes No Permit #: _____Contact the Lake Encroachment Program: (802) 490-6165 or www.anr.state.vt.us/dec/waterq/permits/html/pm_encroachment.htm

11. What is the surface area of your parcel within the Protected Shoreland Area (PSA): 12,453 (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: 1,892 (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: 5,944 (square feet)

See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix E, Calculating Percent Clearing

B. Applicant Contact Information (Check box if address is the same as above in Section A:)

1. Name: Karl D. Johnston

2a. Mailing Address: 115 Wetmore Road

2b. Municipality: Strafford

2c. State: VT

2d. Zip: 05072

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

1. Name: Colby Morin

2a. Mailing Address: P.O. Box 488

2b. Municipality: Newport

2c. State: VT

2d. Zip: 05855

3. Phone: (802) 334-7151

4. Email: morin_colby@outlook.com

*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. SPAN is a unique identification number for each parcel of property in the State of Vermont consisting of eleven digits. The first three digits identify the town; the next three digits identify the school district; and the last five digits represent the unique parcel or property.

D. Project Description

1. Describe the proposed project and on separate pages attach site plans, photos, calculations of impervious surface and cleared area, and any other relevant supporting documents:

This project consist of removing an existing camp and constructing a new 16' x 18' camp with a 10' x 10' porch. The landowner is also proposing to reconfigure a portion of the driveway. No new cleared area is proposed. The area where the existing camp lies will be converted to lawn prior to completion of construction.

2. How far is existing cleared area or impervious surface from Mean Water Level 0 (feet), ^{33ft, see attached - LLM, 9/23/16} and how far will new cleared area or impervious surface be from MWL 0 (feet)? ^{48ft, see attached - LLM, 9/23/16}
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):

This lot is non-conforming with and existing camp. All new impervious surfaces will lie further from the shoreline than the current impervious surfaces.

- 4a. What is the slope of the project site area: 4.2 %
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):

2415sqft (all existing + all new) - LLM, 9/23/16

- 5a. What is the surface area of new impervious surface associated with this project: 523 (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: ~~1,309~~ (square feet) and is that 20% or less of the parcel area within the PSA? Yes No If yes, skip 5c.

- 5c. If no above (5b), 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

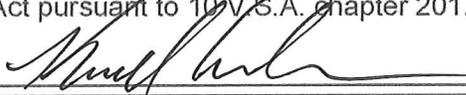
6b. What is the total resulting cleared area* after completion of the project: 5,944 (square feet) and is that 40% or less of the parcel area within the PSA? Yes No If yes, skip 6c.
*Total cleared area includes impervious surface area.

6c. If no above (6b), 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).

No new cleared area is proposed as part of this project. All cleared area was existing prior the July 1, 2014.

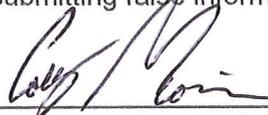
E. Landowner Certification

As APPLICANT, I hereby certify that the statements presented on this application are true and accurate; guarantee to hold the State of Vermont harmless from all suits, claims, or causes of action that arise from the permitted activity; 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: 9-03-16

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:  Date: 8/31/16

G. Permit Application Fees

Administrative Fee: \$125.00		125.00
Impervious Area Fee: \$0.50 per square foot	New impervious area (5a.) <u>523</u> x .5	261.50
Total:		\$ 386.50

Submit this form and application fee to:

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

Direct all correspondence or questions to the Shoreland Permit Program at:
ANR.WSMDShoreland@state.vt.us or (802) 490-6196

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

EXISTING & PROPOSED IMPACT AREAS

Landowner: Karl D. Johnston
Location: 2977 Newark Road, Westmore, VT

Existing Impervious Surfaces

- Camp: 1,121 SQ. FT.
 - 33 FT. from mean water level (MWL)
- Driveway: 771 SQ. FT.
 - 63 FT. From MWL
- Total Existing Impervious Surfaces: 1,892 SQ. FT.
- Impervious Surface: 16%

Proposed Impervious Surfaces

- Camp & Porch: 388 SQ. FT. - 75 SQ. FT. (Overlap of Existing Impervious) = 313 SQ. FT.
 - 48 FT. from MWL
- Driveway: 921 SQ. FT. – 711 SQ. FT. (Overlap of Existing Impervious) = 210 SQ. FT.
 - 66 FT. from MWL
- Total Proposed Impervious Surfaces: 313 SQ. FT. + 210 SQ. FT. = 523 SQ. FT.

Final Impervious Surface & Cleared Area

- Lot Size: 12,453 SQ. FT.
- Impervious Surface: 1,309 SQ. FT. (11%)
- Cleared Area: 5,944 SQ. FT. (48%)
 - All Cleared Area is Existing

Note:

- All other alterations to vegetated areas are required by the installation of the potable water supply, wastewater disposal system and appurtenances.

All Systems Septic Design, Inc.

Page 1 of 1

August 31, 2016

Vermont Dept. of Environmental Conservation
Watershed Management Division
Shoreland Permit Program
1 National Life Drive, Main 2
Montpelier, VT 05620-3522



Re: Karl D. Johnston
2977 Newark Road, Westmore, VT
Remove Existing Camp and Construct New Camp in New Location

To whom it may concern,

Please find enclosed a shoreland permit application submitted on behalf of landowner, Karl D. Johnston, to remove an existing camp and constructing a new 16' x 18' camp with a 10' x 10' porch. The landowner is also proposing to reconfigure a portion of the driveway. No new cleared area is proposed. The area where the existing camp lies will be converted to lawn prior to completion of construction. The construction site will be secured with silt fencing and necessary erosion control measures will be taken prior to any signification rainfall and prior upon completion of construction.

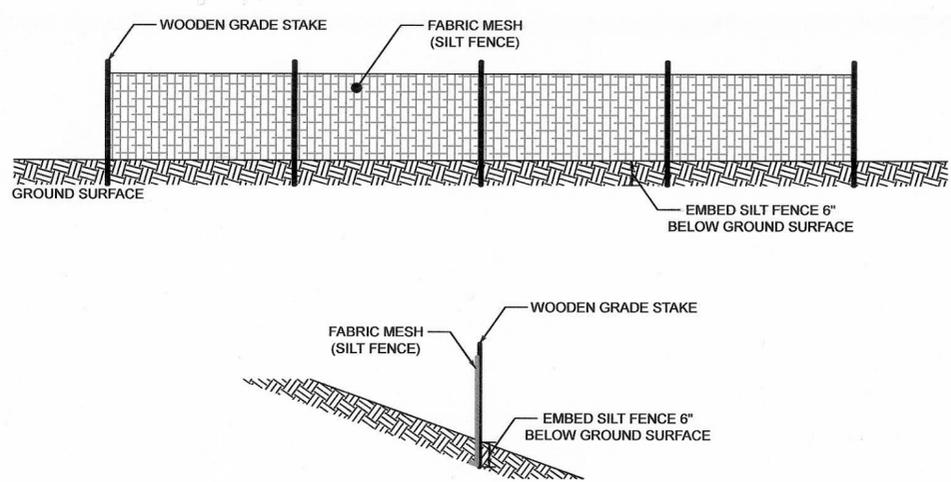
Respectfully,

A handwritten signature in black ink, appearing to read "Colby R. Morin".

Colby R. Morin, LDA



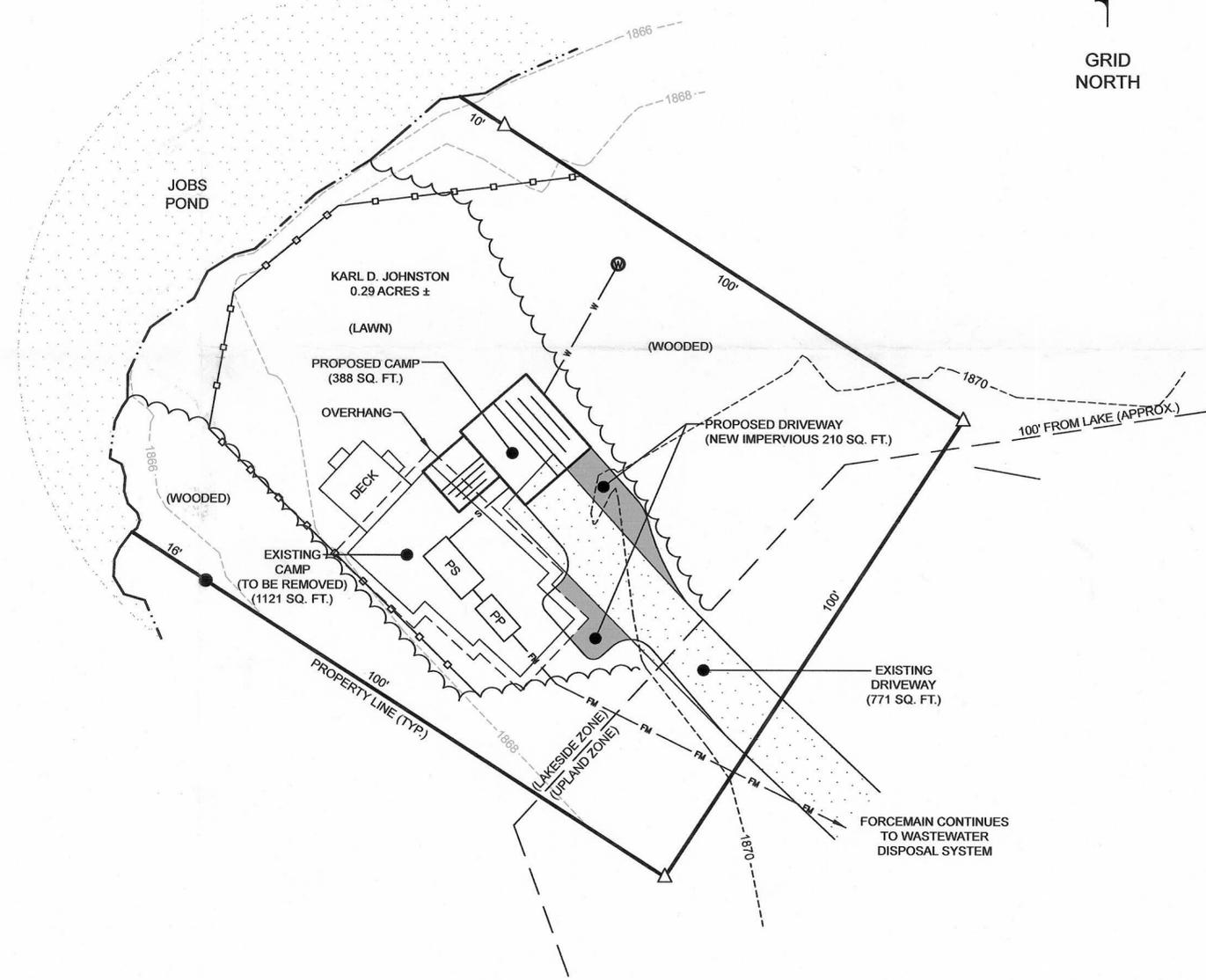
GRID NORTH



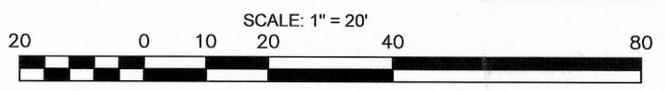
SILT FENCE
N.T.S.

- SITE NOTES -

1. TOPOGRAPHY AND CONTOURS ARE BASED ON GNSS GPS FIELD MEASUREMENTS. CONTOUR INTERVALS ARE 2'.
2. UPON COMPLETION OF CONSTRUCTION OR PRIOR TO ANY SIGNIFICANT RAINFALL ALL DISTURBED AREAS ARE TO BE SEEDED AND MULCHED TO AVOID EROSION.
3. PERIMETER BOUNDARIES WERE TAKEN FROM DEED DESCRIPTION IN BOOK 16, PAGE 326 RECORDED IN THE WESTMORE LAND RECORDS.
4. THIS PLAN IS FOR USE SOLELY IN THE PERMIT PROCESS AND IS NOT INTENDED FOR LEGAL DESCRIPTION.



LEGEND	
△ UNMONUMENTED POINT/CORNER	-----1870-----EXISTING CONTOUR
● IRON PIPE	— W — W — PROPOSED 1" CL. 160 PLASTIC WATER LINE
⊙ PROPOSED DRILLED WELL	— S — S — PROPOSED 4" SDR 35 PVC SEWER LINE
PS PROPOSED 1000 GAL. SHALLOW CONCRETE SEPTIC TANK	— FM — PROPOSED 2" SDR 21 PVC FORCE MAIN
PP PROPOSED 600 GAL. CONCRETE PUMP STATION	□ — □ — SILT FENCE



REVISIONS:

PREPARED FOR: KARL D. JOHNSTON LOCATED AT: 2977 NEWARK ROAD, WESTMORE, VT	
SHORELAND PLAN & DETAILS	
SCALE: 1" = 20' DATE: 08/31/2016	SITE WORK: M.H., C.M. DRAWN: M.H.
S-1 SHEET 1 OF 1	
FILE NO. 46-2016	

ALL SYSTEMS SEPTIC DESIGN

P.O. BOX 488
NEWPORT, VT 05855
(802) 334-7151