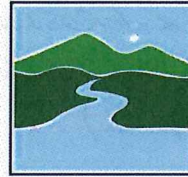


**Individual Permit Application**for a **Lake Encroachment Permit** under  
Chapter 11 of Title 29, § 401 *et seq.*

For Lake Encroachment Permitting Use Only

Application Number: **2015-023**VERMONT DEPARTMENT OF  
ENVIRONMENTAL CONSERVATION**WATERSHED  
MANAGEMENT DIVISION**

LAKES &amp; PONDS PROGRAM

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**1a. Physical Address (911 Address): **448 N. SHORE RD, DERBY LINE, VT 05830**1b. Municipality: **HOLLAND**1c. Zip: **05830**2. SPAN\*: **29709410529** NA 3. Name of lake/pond: **HOLLAND POND**

4. Is there an existing lake encroachment permit associated with this project location?

 Yes  No Permit #:**B. Applicant Contact Information**1. Name: **JOANNE WASHBURN**2a. Mailing Address: **766 S.E. RIDGEVIEW ST., PULLMAN, WA 99163**2b. Municipality: **PULLMAN**2c. State: **WA**2d. Zip: **99163**3. Phone: **509-334-1526**4. Email: **JWASHBURN@PULLMAN.COM****C. Application Preparer Contact Information**1. Name: **GARY L. LEAVENS**2a. Mailing Address: **P.O. BOX 962, DERBY, VT 05829**2b. Municipality: **DERBY**2c. State: **VT**2d. Zip: **05829**3. Phone: **802-766-4785**4. Email: **VT/LAKES@GMAIL.COM****D. Abutting Land Owners**Using the abutter addendum available on [watershedmanagement.vt.gov/permits/html/pm\\_encroachment-application.htm](http://watershedmanagement.vt.gov/permits/html/pm_encroachment-application.htm), attach a list of land owners who abut the proposed project.

\*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.

**E. Project Description**

1. Describe the proposed project including a 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. On separate pages attach site plans with aerial and cross section views as well as any other relevant supporting documents:

- REMAINING SHORELINE AT RISK FOR FURTHER EROSION. CORRECTIONS WOULD INCLUDE THE FOLLOWING:
- PLACE 2' STONES (LIKE ROCK AROUND TOND) ALONG SHORELINE WHERE UNDERMINING OF SHORELINE EXISTS. USE OF FABRIC BARRIER TO HOLD EARTH LIKELY NECESSARY.
  - BUILD SHORE LINE BACK TO WHAT IT WAS IN YEAR 2000 (SEE PHOTOS).
  - TAPER FILL BACK TOWARD CAMP. • USE LARGE FLAT STONE AS STEP TO PATHWAY TO WATER. • USE OF SMALL, COMPACT EXCAVATOR ON SHORE TO COMPLETE WORK.
  - APPROX. 14 YDS. OF FILL MATERIAL NECESSARY. Expand vegetated buffer to north of access point.
- Per site visit w/ G. Leavens*

## 2. Describe the purpose of the proposed project:

TO PREVENT FURTHER EROSION/UNDERMINING OF SHORELINE WHERE VULNERABLE. ~~REESTABLISH SHORELINE TO WHAT IT WAS PREVIOUSLY IN YEAR 2000 (SEE PHOTOS).~~

NOTE: THIS WAS NEVER A PROBLEM, AS WEATHER FROM EAST AND LARGE WAVES FROM EAST WAS EXTREMELY RARE. LARGE, HIGH IMPACT BOATING CAUSED THIS PROBLEM AND I HAVE WATCHED THE IMPACT THAT THIS ACTIVITY HAS HAD ON SHORELINE SINCE YEAR 2000.

## 3. Describe what less intrusive feasible alternatives have been considered and what measures are proposed to reduce adverse impacts on the waterbody:

THE ADDITION OF SMALL STONES ALONG THE WATER'S EDGE WAS TRIED, AS A COUNTER MEASURE FOR SEVERAL YEARS. THIS BAND-AID APPROACH PROVED TO BE INADEQUATE, GIVEN THE SIZE OF WAVES (WAKE) CRASHING ONTO SHORE. I FEEL WITH CAREFUL PLANNING AND A GOOD MACHINE OPERATOR THE PROJECT CAN BE COMPLETED RESPONSIBLY WITH VIRTUALLY NO ADVERSE IMPACTS ON THE WATER BODY.

## 4. Describe the public benefits of the proposed project:

HOLLAND POND IS A RARE PUBLIC RESOURCE THAT NEEDS PROTECTING. PREVENTING FURTHER SHORELINE SOILS FROM WASHING BACK INTO THE POND WILL NOT ONLY BENEFIT ME, BUT OTHERS AS WELL AND FUTURE GENERATIONS. WATER CLEANLINESS AND CLARITY WILL BENEFIT FROM THIS PROJECT. WILD LIFE AND FISH WILL ALSO BENEFIT.

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

## 1. Water quality:

~~EXPLAINED IN #4 ABOVE.~~

Silt curtain to be placed around project area to contain turbidity. Disturbance limited to placement of stone for access point and placement of fibercore roll along shoreline. photos (PH)

2. Fish and wildlife habitat:

~~EXPLAINED IN #4 ABOVE.~~

Silt curtain to be placed around project area to contain turbidity. Disturbance limited to placement of stone for access point and placement of fibercore roll along shoreline. 11/18/2015 (DPH)

3. Aquatic and shoreline vegetation:

I HAVE REFRAINED FROM MOWING TOO CLOSE TO THE WATERS EDGE AND I HAVE ADDED TREE/SHRUB VEGETATION TO HELP HOLD THE SHORELINE IN PLACE. PROTECTING THE SHORELINE WITH LARGER STONES WILL ENSURE THAT THESE EFFORTS AND THIS BUFFER ZONE REMAINS INTACT. ~~log fiber roll & stone at access point~~

Shoreline and aquatic vegetation not to be removed, shoreline buffer to be enhanced. 11/18/2015 (DPH)

4. Consistency with natural surroundings:

MY GOAL IS FOR THIS PROJECT TO BE AN ABSOLUTE FIT WITH THE EXISTING NATURAL SURROUNDINGS. I SEE NO REASON WHY THIS CAN'T BE ACHIEVED. WHEN COMPLETED THIS CORRECTION WOULD BE VISUALLY UNDETECTED.

5. Navigation, recreation, and other public uses:

THIS PROJECT WILL BENEFIT MY LOW IMPACT RECREATION ACTIVITIES AND OTHERS WHO WE SHARE THIS PROPERTY WITH (FRIENDS + NEIGHBORS). THIS WOULD PRESENT A SAFER APPROACH TO THE WATER FOR SWIMMERS.

**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 Signature:

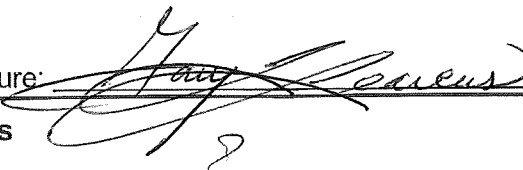


Date: 05/29/2015

Joanne Dankum

**H. 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: 06/22/15**I. Permit Application Fees**

## 1. Estimated project cost:

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 (3) and (4).

## 2. Non-structural erosion control project (e.g., rip rap):

Non-structural erosion control project: \$155.00		
<b>Total:</b>		\$ 155.00

## 3. Structural erosion control project (e.g., concrete wall replacement):

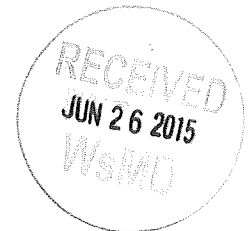
Structural erosion control project: \$250.00		
<b>Total:</b>		\$

## 4. Other projects (e.g., marina improvements):

Other Project: \$300.00		
Project Cost Fee: 0.01 times project cost	Project cost (H1.) _____ x 0.01	
<b>Total:</b>		\$

**Submit this form and application fee, payable 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@state.vt.us

For additional information visit: [www.watershedmanagement.vt.gov](http://www.watershedmanagement.vt.gov)

# Lake Encroachment Application Addendum

for a Lake Encroachment Permit under  
Chapter 11 of Title 29, § 401 *et seq.*



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

For Lake Encroachment Permitting Use Only  
Application Number:

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: SEAN ERRATT, 5793 TRINITY AVE., COUËTE ST. LUC, QUEBEC,  
Address: CANADA, H4W 174 (SOUTH BOUNDARY)
- 2. Name:  
Address:
- 3. Name: BETTY DAVISON, 200 SHORE RD., BURLINGTON, VT 05408  
Address: (NORTH BOUNDARY)
- 4. Name:  
Address:
- 5. Name: JOHN + RUTH JOHNSON, 313 N. SHORE RD., SPOFFORD, NH 03462  
Address: (WEST BOUNDARY)
- 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@state.vt.us

For additional information visit: [www.watershedmanagement.vt.gov](http://www.watershedmanagement.vt.gov)

# 2015 HOLLAND POND WATERSHED PERMIT APPLIC. (WASHBURN / LEAVENS)

NOTE: ALL SHORE LINE (-----) ~~WOULD BE REINFORCED WITH~~ APPROX. 2' STONES OF LIKE COMPOSITION.

*Stabilized w/ fiber core roll and wood stakes outside from access area, which is to be stabilized w/ stone.*

ALL VEGETATION WOULD BE FOLDED BACK TOWARD SHORE TO ALLOW FOR PLACEMENT OF STONES - THEN WOULD BE LAID BACK IN PLACE. ALL EXISTING SHORE LINE VEGETATION WOULD REMAIN TO ASSIST IN SECURING EDGE OF SHORELINE.

SILT FENCE WOULD BE APPLIED TO ENTIRE 70' OF SHORELINE WHERE WORK WOULD BE DONE.

NOTE: LARGE STONE(S) WOULD BE PLACED ON TOP OF STONE, WHICH NOW PROVIDES WALKWAY TO WATER. APPROX. HEIGHT OF THIS STONE(S) WOULD BE 8"-10". GRADE BEHIND THESE STONES WOULD BE FEATHERED BACK TO GRADE NEARER CAMP - SOME FILL WOULD BE REQUIRED TO COMPLETE THIS WORK.

AREA TO BE MOWED WOULD BE SEEDED AND MULCHED. UNMOWED BUFFER ZONE OF APPROX. 4'-5' WOULD BE MAINTAINED. ENTIRE LENGTH OF SHORELINE - EXCLUDING 6' OPENING FOR WALKWAY.

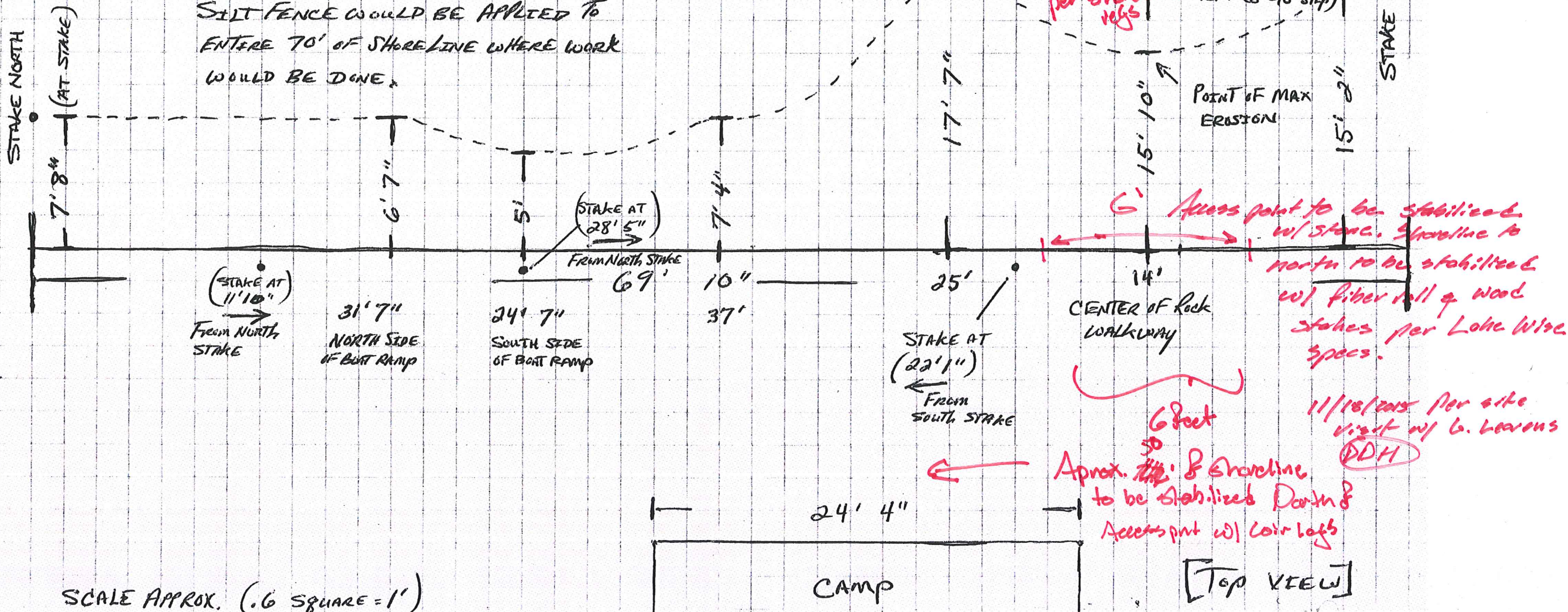
*buffer to be increased in width*

*Access point limited to 6' width per structure reqs*

POINT AT WHICH LARGE STONE (ON TOP OF STONE) WOULD END (8"-10" STEP)

POINT OF MAX EROSION

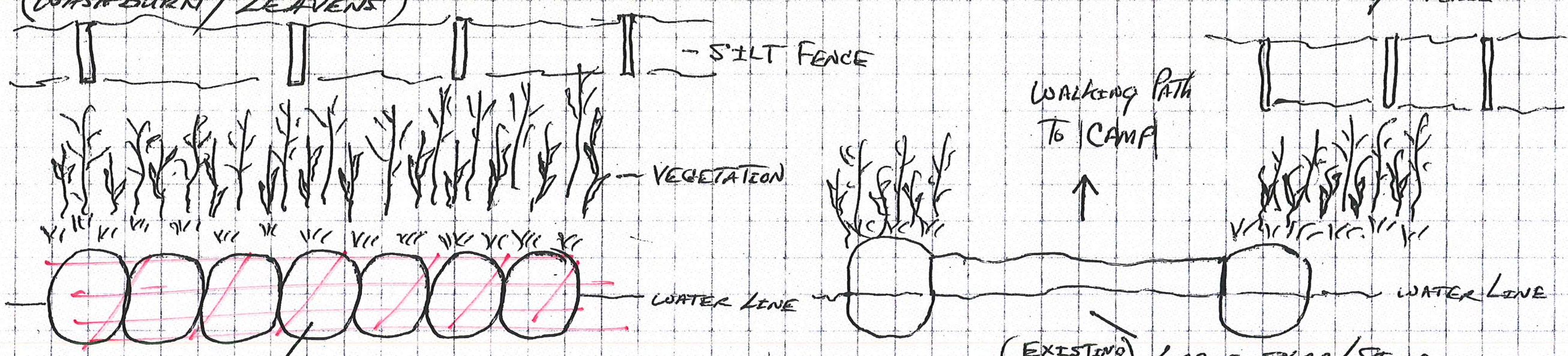
STAKE SOUTH



SCALE APPROX. (.6 SQUARE = 1')

[TOP VIEW]

2015 HOLLAND POND WATERSHED PERMIT APPLIC.  
(WASH-BURN / LEAVENS)



~~ROUND SHAPED STONES APPROX. 2' X 2'~~  
~~IN SIZE AND AS CLOSE IN COMPOSITION TO~~  
~~EXISTING HOLLAND POND STONES. TO BE~~  
PLACED ALONG IDENTIFIED SECTION OF SHORELINE  
AS A MEANS OF EROSION CONTROL

*Fiber roll, per lake*  
*Wire specs, to be*  
*placed along shoreline*  
*north of access point. (Approx.*  
*50' length)*

(EXISTING STONE) LARGE SLAB/STONE  
ON TOP OF EXPOSED BEDROCK  
APPLIED TO PREVENT FURTHER  
EROSION. 8"-10" STEP FROM  
TOP OF PLACED STONE TO BEDROCK.  
*Stone placement limited to*  
*access point area (6' width)*

69' 10"

*Materials per site visit w/  
G. Levens, DPH*

NOTE: SMALL EXCAVATOR WOULD BE USED  
ON SHORE FOR PLACEMENT OF ROUNDED  
AND FLAT STONES. WORK WOULD BE  
COMPLETED DURING PERIOD WHEN POND  
WATER LEVEL IS RELATIVELY LOW.

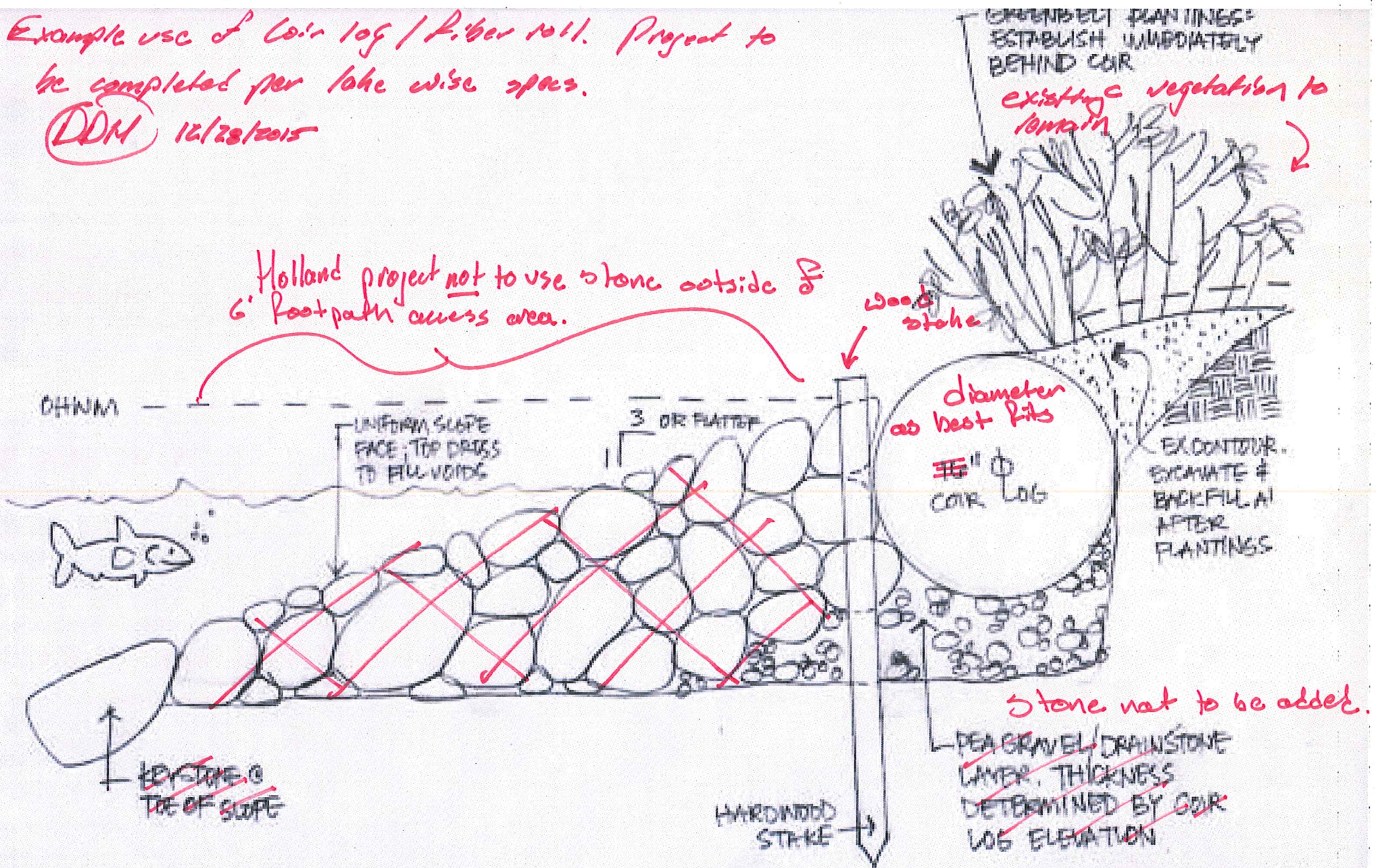
SCALE APPROX. (1 SQUARE = 1')

[CROSS SECTION VIEW]

Example use of Coir log / Fiber roll. Project to be completed per lake wise specs.

DDM 12/28/2015

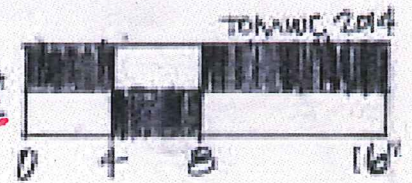
Holland project not to use stone outside of 6' footpath access area.



~~NATURAL SHORELINE DEMO PROJECT~~

©

~~CAMP PEE-O-SEEA FICHEREL LAKE FOR ONSP 14~~







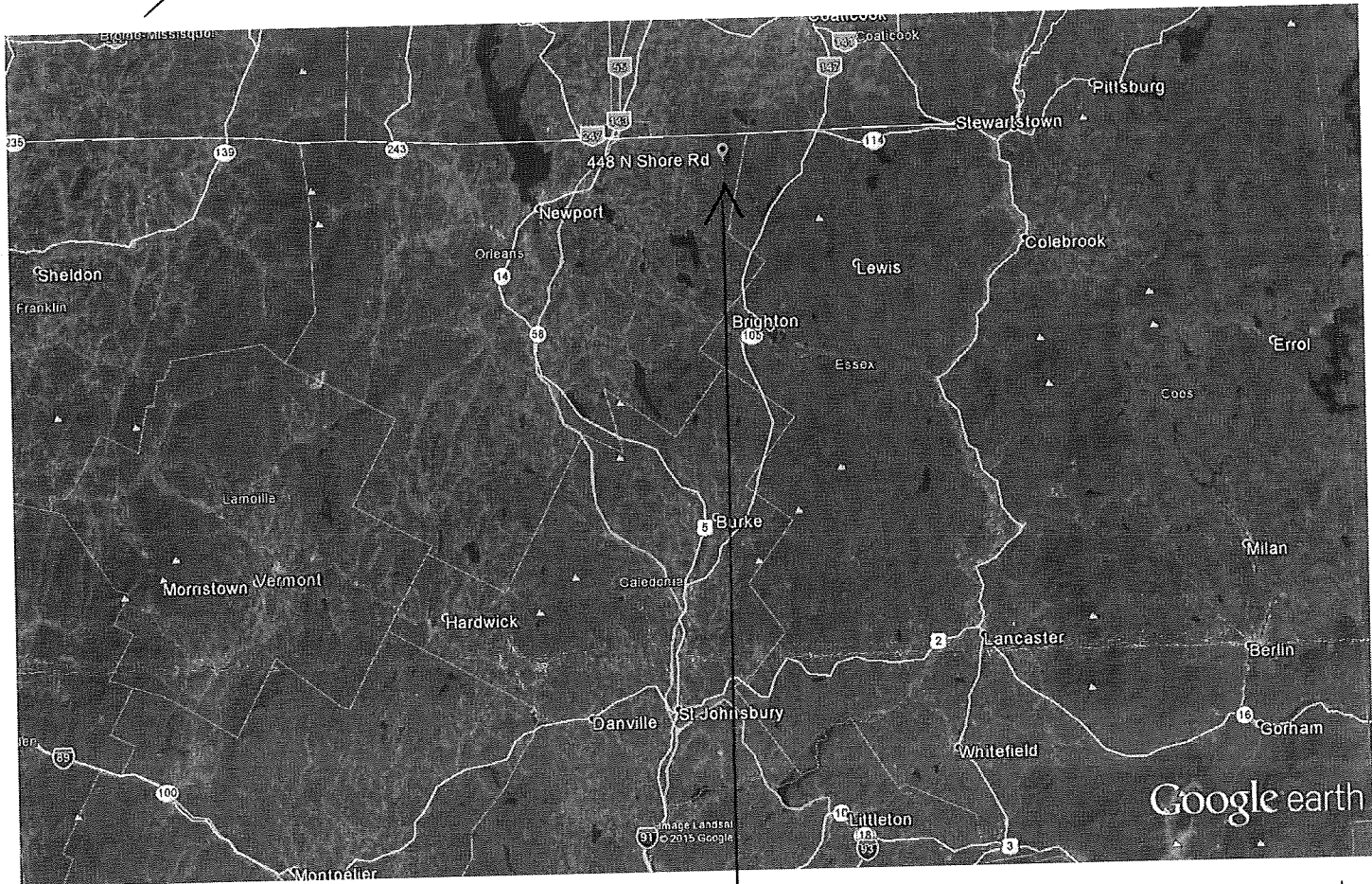
Stone to be placed at erodes point to stabilize, fiber roll to be placed along (north) shoreline to north

Stone

Fiber roll along shoreline

11/10/2015  
DDH Parsto work w/  
G. Leavens

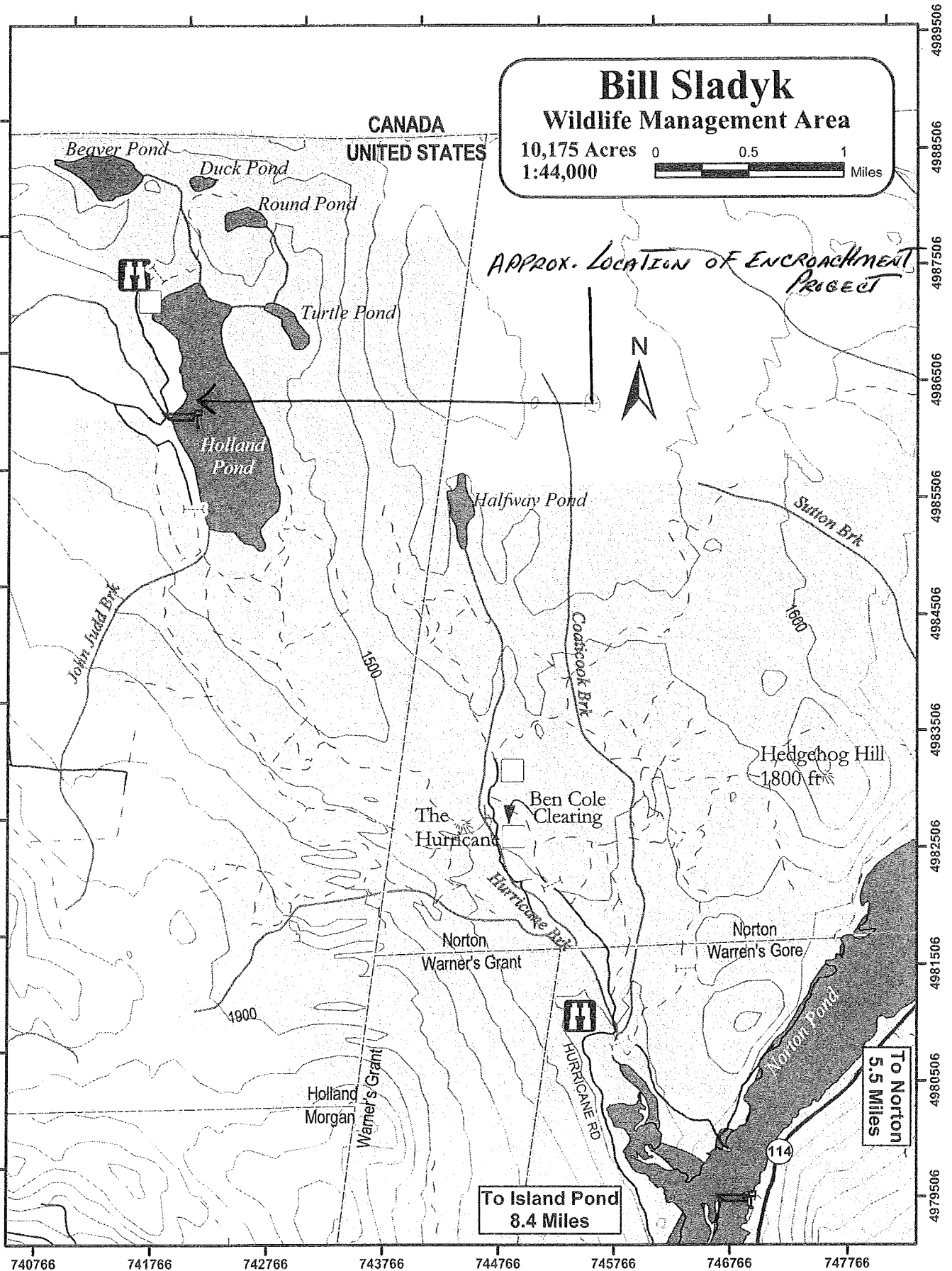
WASHBURN/LEAVENS 2015



Google earth



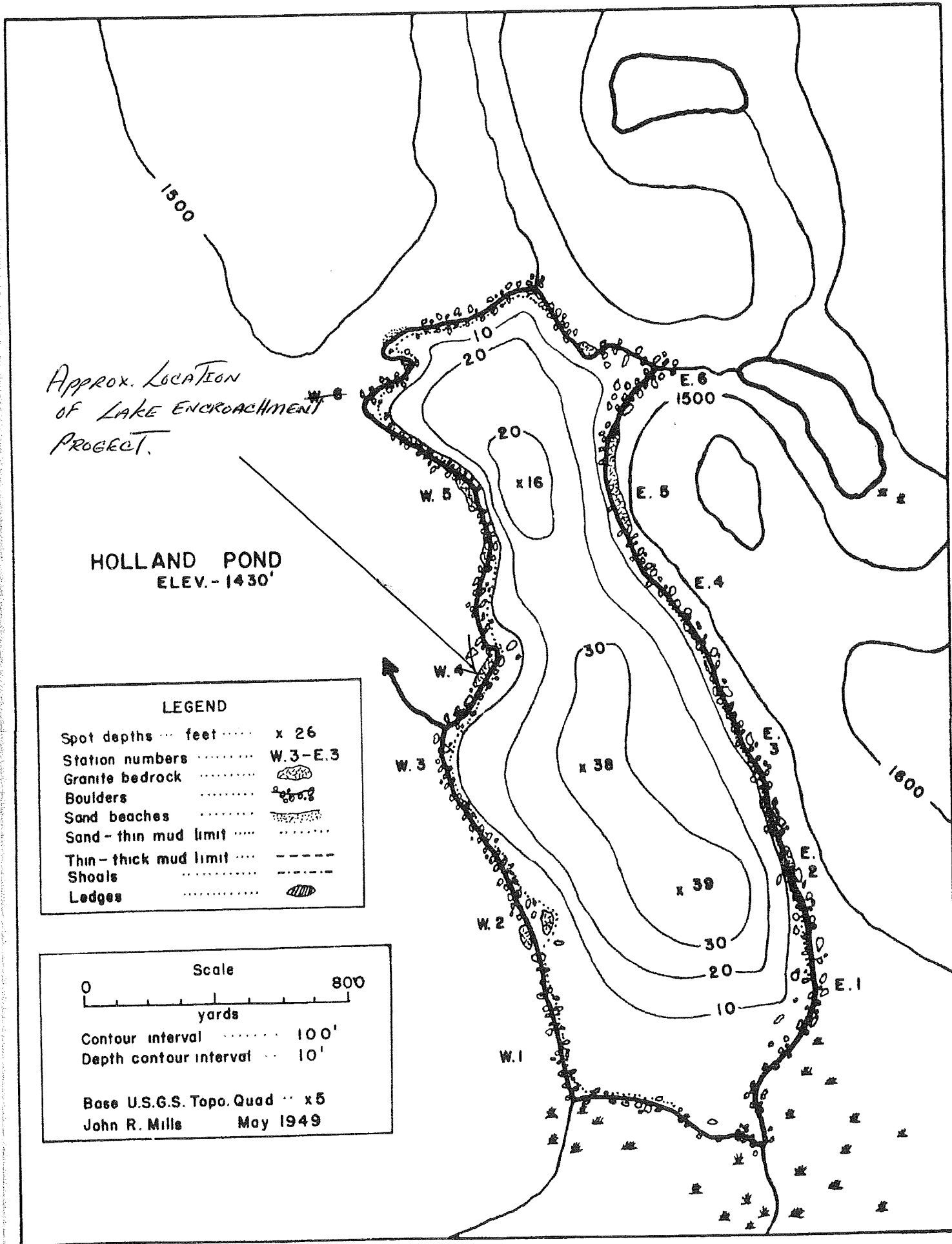
HOLLAND POND



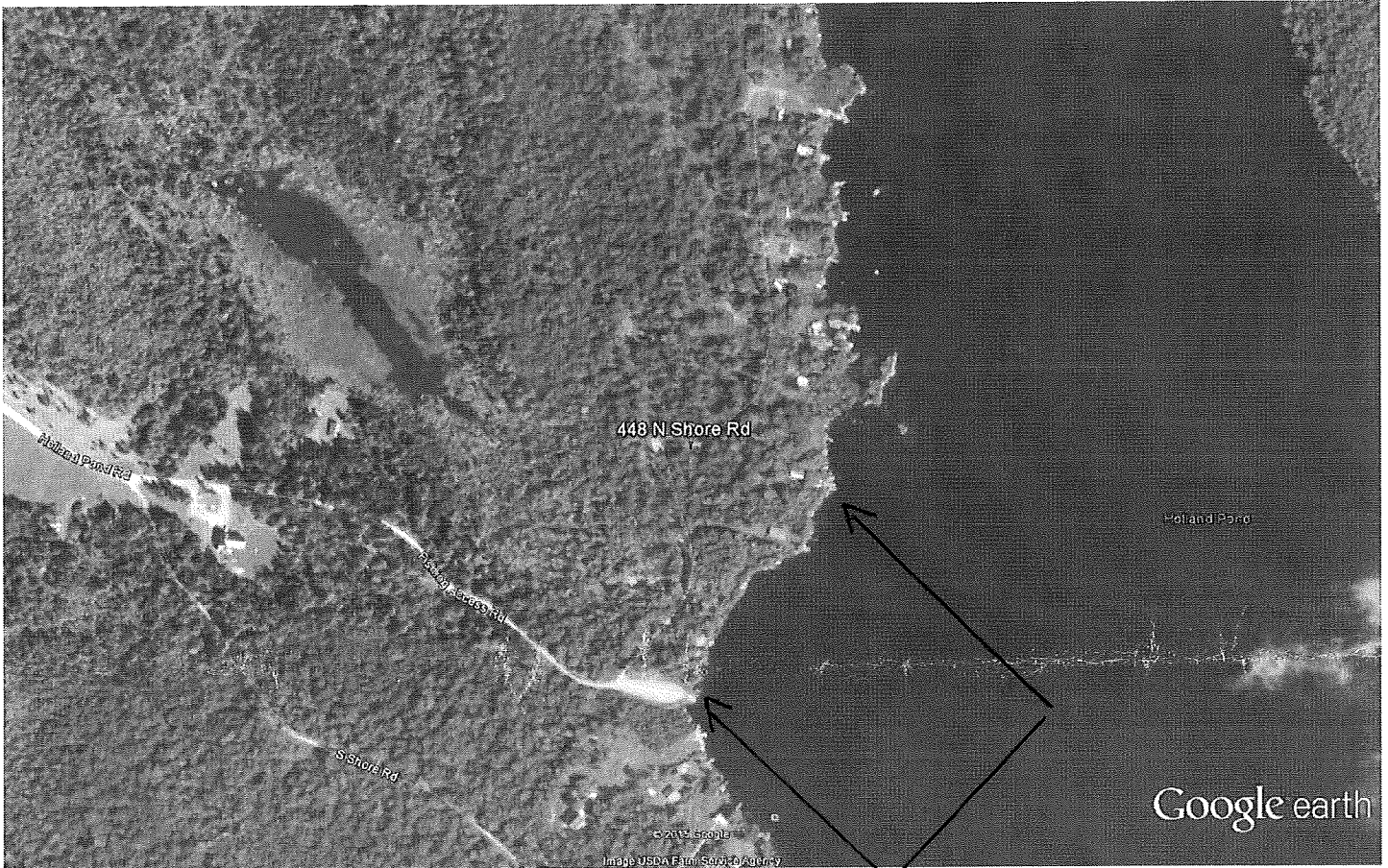


APPROX  
LAKE ENCROACHMENT  
PROJECT LOCATION





WASHBURN/LEAVENS 2015



Google earth



HOLLAND POND FISHING ACCESS

LAKE ENCROACHMENT  
PROJECT LOCATION