



For office use:

47124 Tracking No. GP/SAWLWQC GP3390 Permit No.

Expedited Shoreland Alteration Permit Application

\$ 359.20 Fee Received

Permit for Alteration of a P-WL1 Subdistrict and Water Quality Certification

1. APPLICANT INFORMATION Print the legal names and mailing addresses of all persons or organizations with title, right or interest in the property associated with this application. Persons with "title, right or interest" are those listed on any deed, lease or sales contract for the property.

Applicant Name(s) John and Bethany Demopoulos	Daytime Phone 646-8259home	FAX or Email (if applicable) jdemopou@maine.rr.com	
Mailing Address 775 Quarry Road	Town Wells	State Maine	Zip Code 04090

2. PROJECT LOCATION AND PROPERTY DETAILS (See Instructions)

Township, Town or Plantation Rockwood Strip	County Somerset
Tax Information (check your tax bill) Map: SO033 Plan: 05 Lot: 10	Deed or Lease Information (check your deed or lease) Book: 3483 Page: 315 Lease #:
Lot size (in acres, or in square feet if less than 1 acre) 10,019 sqft	Zoning at Development Site d-RS

Water Frontage. List the name and frontage (in feet) for any lakes, ponds, rivers, streams, or other waters on or adjacent to your lot. Measure water frontage in a straight line between the points of intersection of side property lines and the normal high water mark of the shoreline.

Waterbody: Moose River and Moosehead Lake Frontage 130'

LURC Approved Permit. List any previously approved LURC permit numbers for your property that you are aware of. If your lot is part of LURC approved subdivision, provide both the subdivision permit number and your lot number. This information is usually included in your deed description.
None

Land Division History. Using your deed as a starting point, trace the ownership history and configuration changes of your property back 20 years from today. List any division of those lots from which your property originated (use an additional sheet of paper or page 3 of the application, if needed).

Grantor and grantee (example -Amy Adams to Rob Roberts)	Date of sale or lease 1/12/97	Lot size 10 acres)
John & Bethany Demopoulos	5/12/05	0.23
Philip D. d'Entremont	8/25/86	0.23

If your property is part of a LURC approved subdivision, continue to Question 3. If your property is not part of a LURC approved subdivision, please complete the Land Division History. (Check deed or contact the LURC office that serves your area.)

3. PROPOSED ACTIVITY (check all that apply)

- Dock Reconstruction
 Shoreline Stabilization
 Rock Relocation
 Water Intake Pipe (private residential) or Dry Hydrant (public) **(NOTE: An application for a dry hydrant may only be made by a public entity or representative, for example a town or fire department.)**

If this application is for a Dock Reconstruction, Shoreline Stabilization, Rock Relocation and/o Water Intake Pipe or Dry Hydrant you must complete and attach the appropriate Activity Attachment form.

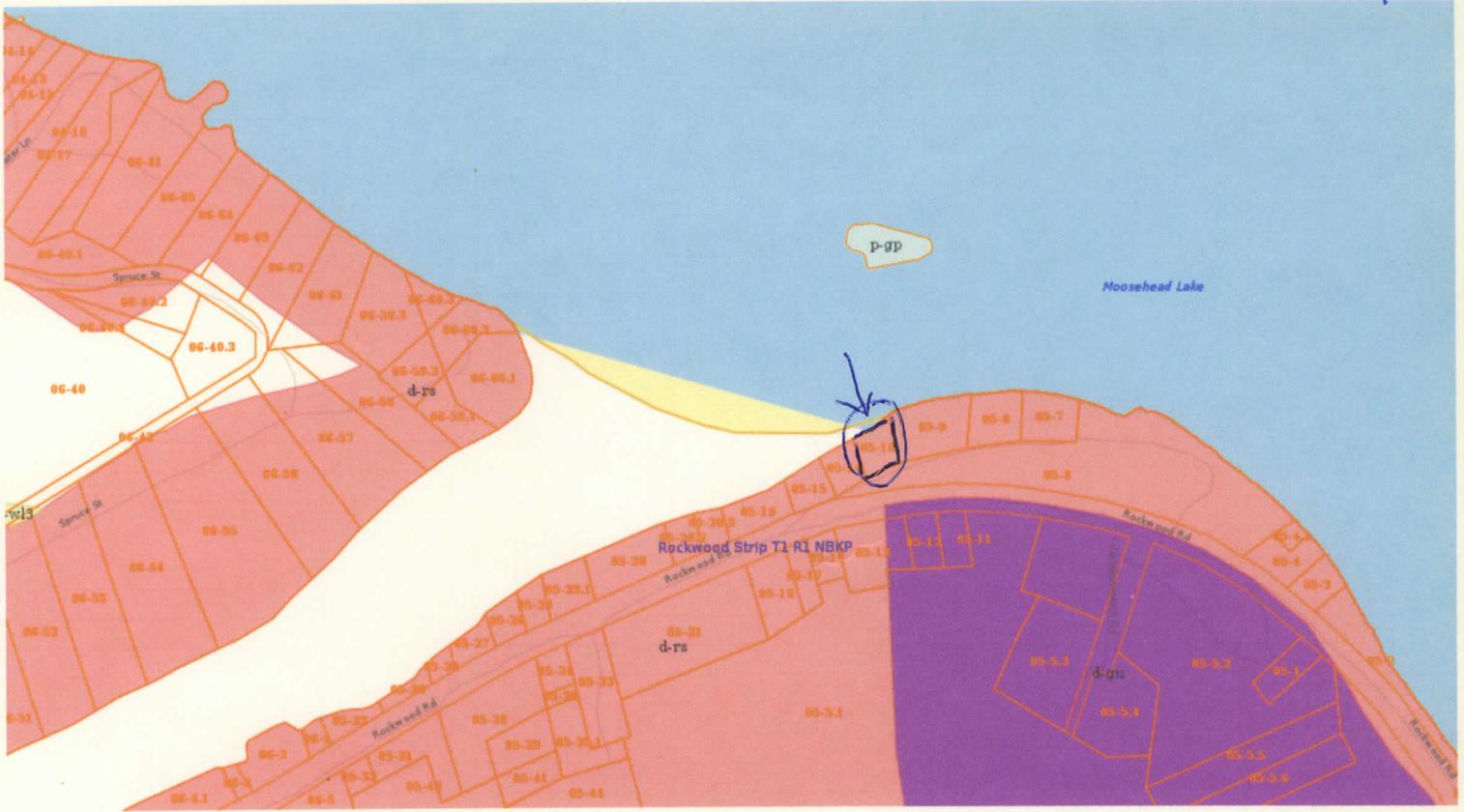
- Time extension of previously issued Expedited Shoreland Alteration permit (write permit number) _____
 Other amendment of previously issued Expedited Shoreland Alteration permit (write permit number) _____

If this is a permit amendment or a time extension of a previously issued Expedited Shoreland Alteration permit, contact the LURC office that serves your area to determine which parts of this application form you must complete.

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NOV 18 2013

LUPC - GREENVILLE



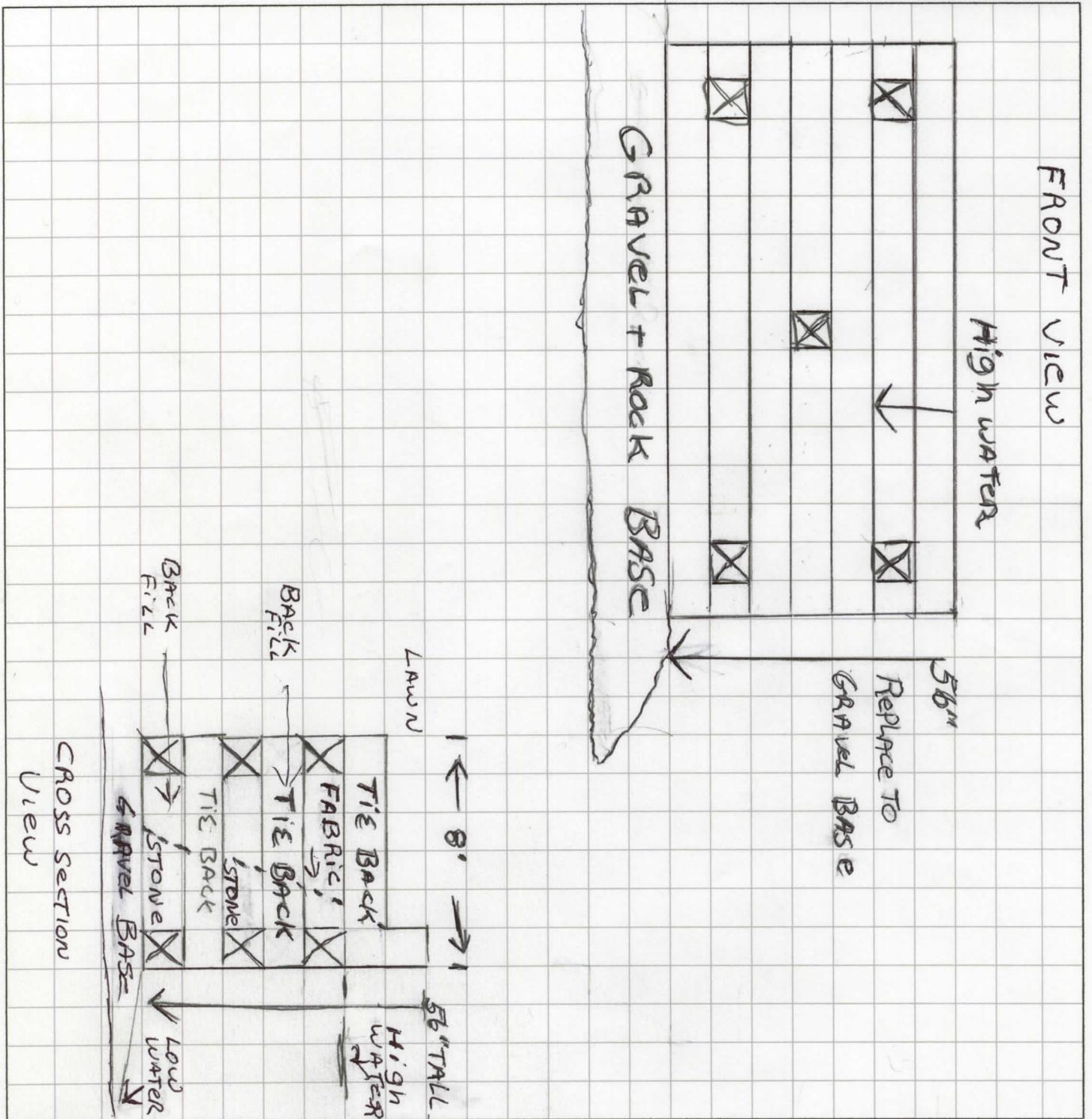
18 cottage LN.
N 45° 40.939
W 69° 45.728
Sometimes known as HARRIMAN Rd



Current wall for

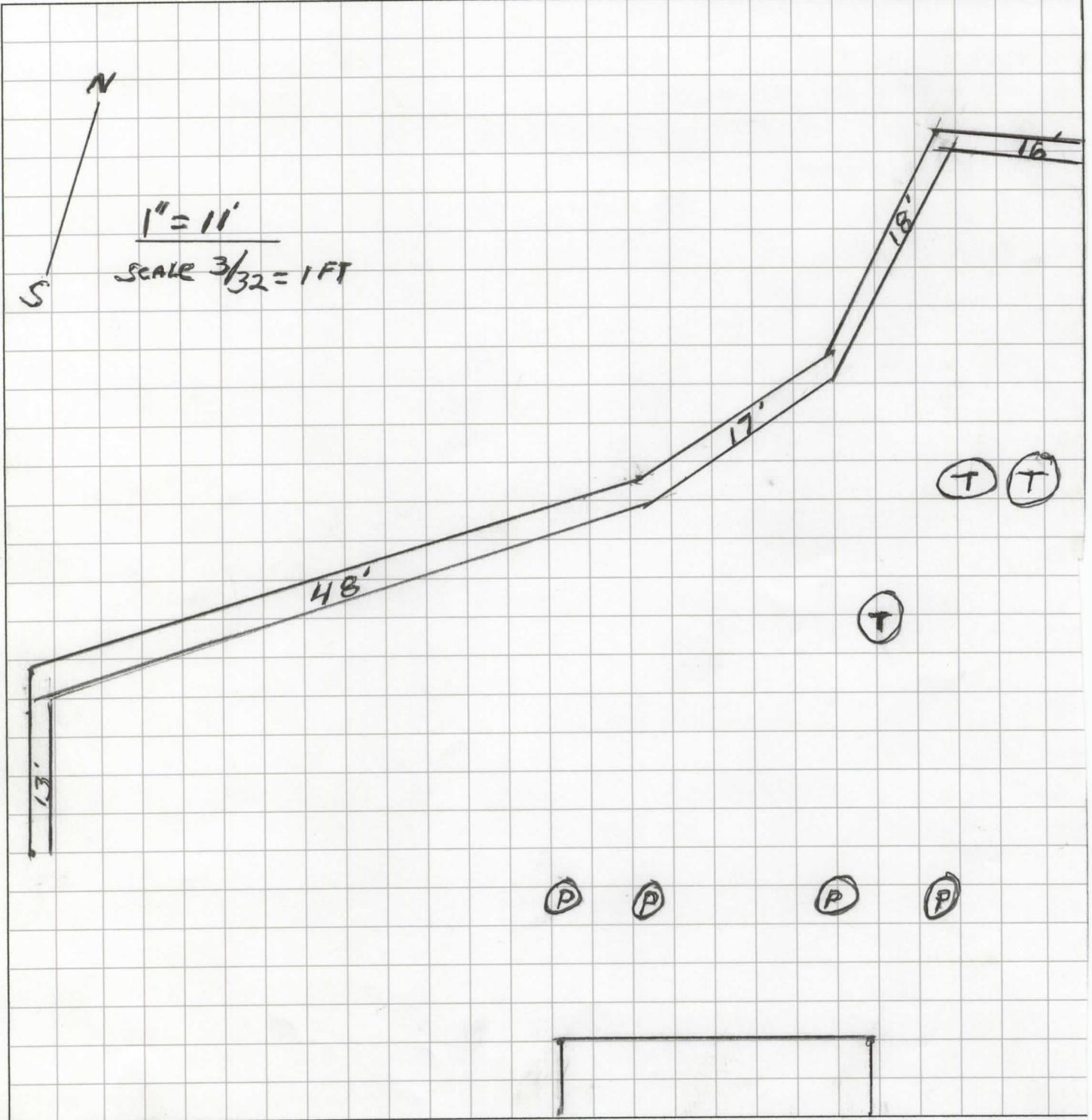
These pictures are from fall 2010 and are cropped for size. They show the retaining wall in this section before it collapsed.

EXHIBIT D: SITE PLAN



Notes/Legend:

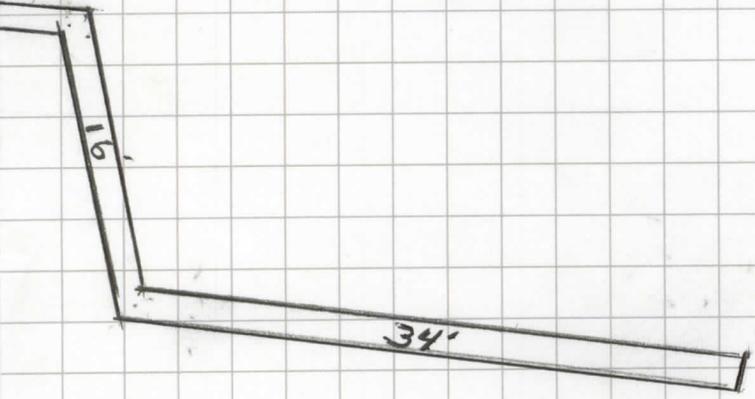
EXHIBIT D: SITE PLAN



Notes/Legend:

Ⓟ = Deck Post Ⓣ = Tree

EXHIBIT D: SITE PLAN



Notes/Legend:

Use this page to provide any explanations that will help describe your project. If you wrote "n/a" next to any of the questions or CONDITIONS OF APPROVAL in the Attachment or in the application form, if needed please explain why below, and include the number of the question or condition.

The scope of the work is to stabilize the shore line by replacing the legally existing timber retaining wall. Although the wall has been standing for fifty years, or so, its service life is over. Failure of the wall has begun and will continue if the work is not done. There will be no expansion but the wall will need to be rebuilt from the gravel base up.

The materials to be used to repair the wall will be new 8x8 pressure treated timbers with micronized copper azole safe for fresh water application. PCP pressure treated or creosote treated lumber will not be used. 8x8 CCA pressure treated lumber appropriate for ground contact will be used for tiebacks.

A small excavator will remove backfill soil and store it on site behind a silt fence to prohibit run off. The backfill will be replaced after the new timbers are in place. If any excavation happens below the water line, a floating silt boom will be deployed.

All work should take place above the water line. If needed a silt fence will be used to keep debris or silt from running off into the lake.

At the end of the project the site will be returned to its original state by using grass seed covered with straw. There will be no changes to the site. The new wall will be no wider or longer than the existing wall.

Activity Attachment Questions

- 7. Work will be done at time of low water.
- 12-17. Riprap was not considered for this project because it is not in keeping with the rest of the Moose River shore. All the shore line on that side of the river is done with lumber retaining walls and riprap would not look historically correct on this property.
- 18. The retaining wall will be built on the exact footprint of the existing wall and will not constrict the river in any way.
- 25. No shrubs or trees will be planted at all as to not disturb the timber walls.



For office use:

Tracking No.

GP/SAW/LW/QC **GP 3390**
Permit No.

Activity Attachment: Shoreline Stabilization

Questions and Conditions of Approval

This Activity Attachment must accompany the Expedited Shoreland Alteration Permit Application, and is for projects involving stabilization of eroding shorelines on inland waters:

- On ponds, lakes, and on streams or rivers bordered by a P-SL1 zone
- Where the size of the alteration area below the normal high water mark would be less than 500 square feet.

For projects approved using the Expedited Shoreland Alteration Permit form, the preferred method of shoreline stabilization is by planting trees or shrubs, or riprap that includes plantings. Riprap without plantings may be used where site conditions preclude the use of vegetation. Retaining walls may only be reconstructed where riprap or plantings are not feasible. This Activity Attachment cannot be used for new retaining walls.

This Activity Attachment may only to be used for shoreline stabilization projects where the affected waterbody is bordered by the following zones:

- P-GP and P-GP2, including where there is a FEMA or P-FP zone, or a P-AR zone;
- P-SL2 zone associated with a pond smaller than 10 acres, including where there is a FEMA or P-FP zone, or a P-AR zone;
- P-SL1 zone associated with a river or stream (but not where there is a FEMA or P-FP zone);
- P-AL zone; and
- All development zones (except D-PD and D-MT).

⚠ This Activity Attachment may not be used for shoreline stabilization projects on minor flowing waters (P-SL2 zone). Projects on waterbodies bordered by zones not listed here, or that cannot be reviewed using the expedited form for other reasons may be allowed using the standard application form. Contact the LURC office serving your area for additional information.

A. PROJECT TYPE (check one)

Stabilization using plantings only (native shrubs or trees) Riprap that will include plantings for stabilization

Riprap that will not include plantings - *Explain on page 3 of the application form why plantings cannot be used at your site.*

Reconstruction of a legally existing retaining wall - *Explain on page 3 of the application form why plantings or riprap cannot be used at your site.*

B. LOCATION (check one)

Lake or pond larger than 10 acres Pond smaller than 10 acres

River or stream bordered by a P-SL1 zone

C. PROJECT DETAILS

Answering YES to a question indicates that the statement is correct about your project.

1. The total area in square feet of lake, pond, river or stream below the normal high water mark to be impacted by the shoreline stabilization project will be less than 500 square feet. YES NO

If NO, then the expedited shoreland alteration permit form cannot be used; STOP HERE. Contact the LURC office that serves your area to obtain the standard application form.

If YES, provide the size of the area within the waterbody to be impacted, and continue to Question 2: **810** **SQ FT** sq. ft.

This form continues onto the next page...

D. CONDITIONS OF APPROVAL FOR SHORELINE STABILIZATION

By law, any proposed development must meet certain conditions of approval. Please read each of the following statements carefully. Check 'YES' if your project will be done as described in each statement. You must complete all questions, including those marked as "[P-FP]". **Checking 'NO' to any of the statements indicates that your project will not comply with that CONDITION OF APPROVAL, and this form cannot be used for your project.** However, projects not qualifying for the expedited permit may still be allowed using a standard permit. If a statement does not apply to your project, check 'N/A' and if needed, explain why on page 3 of the application form.

PROJECT DESCRIPTION

1. If the shoreline stabilization project includes riprap or a retaining wall, the project will extend no farther than 100 ft. along the shoreline. N/A YES NO
2. The shoreline stabilization project will not involve alteration of any (P-WL) Wetland Protection Subdistrict other than the waterbody that the activity is located on. YES NO
3. The shoreline stabilization project will involve only the area of the shoreline showing evidence of active erosion, or in the case of a retaining wall, deterioration. YES NO
4. The project will be conducted during a period of low water level. YES NO
5. Heavy machinery would not be driven in the water or below the normal high water mark to conduct the project (except as provided for on flowed lakes, see Question 6, below). N/A YES NO
6. **For projects on flowed lakes only:** Heavy machinery will be driven below the normal high water mark only where necessary, when the work area is above the level of the water, and only on rocky or gravely substrate. Mats or platforms will be used as needed to protect the shoreline and lake bottom from damage. N/A YES NO
7. **For projects on flowing waters only:** The shoreline stabilization project will occur between July 15th and October 1st. N/A YES NO
8. The shoreline stabilization project will not involve construction of access roads. YES NO
9. The shoreline stabilization project will not occur within 250 feet of mapped Endangered, Threatened, and Special Concern species habitat as designated by the ME Department of Inland Fisheries and Wildlife (MDIFW). For further information, contact the LURC office that serves your area; or MDIFW, 284 State Street, Augusta, ME 04333; (207) 287-8000. YES NO
10. [P-FP] The shoreline stabilization project will not interfere with navigation or recreation. YES NO
11. [P-FP] The shoreline stabilization project will not interfere with natural flow, will not create an impoundment, and will not block fish passage. YES NO

PROJECT DESIGN AND CONSTRUCTION

Riprap and retaining walls

12. **For riprap only:** If riprap is proposed, the eroded slope is steeper than 3 horizontal to 1 vertical (33%), but no more than 1 horizontal to 1 vertical (45%). N/A YES NO

Vegetation must be used to stabilize slopes shallower than 3:1.
13. [P-FP] **For riprap only:** Riprap installed along a river or stream shoreline will not extend more than 2 feet above the normal high water mark, or to the elevation of 100 year flood where mapped by the Federal Emergency Management Agency where depicted as a FEMA or P-FP zone on LURC's zoning maps (if mapped on both, then whichever is higher). N/A YES NO
14. Geotextile filter fabric and/or a layer of clean coarse sand will be used behind the riprap or retaining wall to prevent fines from washing into the waterbody. N/A YES NO
15. **For riprap only:** Riprap will only extend below the normal high water mark as needed to be keyed in, and excavation of the waterbody will be limited to only the amount needed to key in the riprap. N/A YES NO
16. **For riprap only:** Rocks used for riprap will not be taken from the waterbody or other areas of the shoreline. N/A YES NO
17. **For riprap only:** Design of riprap along a stream or brook must be approved by a Maine Registered Professional Engineer, the United States Natural Resources Conservation Service, or the local Soil and Water Conservation District. Evidence of this approval or plans stamped by a professional engineer must be submitted along with the Application Form.

Section D Conditions of Approval, continues onto the next page...

18. [P-FP] The construction practices and methods used will minimize flood damage, and the materials used will be resistant to flood damage. The riprap or retaining wall will not reduce the flood carrying capacity of the watercourse. N/A YES NO
19. [P-FP] **For retaining wall reconstruction only:** The reconstructed retaining wall will be adequately anchored to prevent flotation, collapse or lateral movement resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy. N/A YES NO
20. **For retaining wall reconstruction only:** The reconstructed retaining wall will not extend farther into the waterbody than the existing retaining wall. N/A YES NO
21. **For retaining wall reconstruction only:** The reconstructed retaining wall will not include a walkway unless it is a part of the existing retaining wall. N/A YES NO
22. Fill material will only be used as needed to backfill behind the riprap or retaining wall. N/A YES NO
23. **For retaining wall reconstruction only:** Only untreated wood or pressure-treated wood approved by the U.S. Environmental Protection Agency for use on inland waters will be used to reconstruct the retaining wall. CCA pressure-treated wood will only be used if it is dried on land for at least 21 days in such a manner as to expose all surfaces to the air. PCP pressure-treated wood or wood treated with creosote will not be used. N/A YES NO
24. **For retaining wall reconstruction only:** The retaining wall reconstruction will not involve the use of concrete. N/A YES NO

Vegetation

25. The shrubs or trees to be planted are not listed as invasive species in Maine by the Maine Natural Areas Program. See www.maine.gov/doc/nrimc/mnap/features/inv sheets.htm. N/A YES NO
26. The shoreline stabilization project will not involve the removal of non-invasive aquatic vegetation from the waterbody. YES NO

SOIL AND VEGETATION DISTURBANCE; AND EROSION / SEDIMENTATION CONTROL

27. The shoreline stabilization project will not require more than incidental grading, filling or clearing of vegetation within 100 feet of the normal high water mark. The project will comply with LURC's standards for Vegetation Clearing (10.27,B) and Filling and Grading (10.27,F). See www.maine.gov/doc/lurc/reference, Rules and Regulations, Chapter 10 YES NO
28. The shoreline stabilization project will not occur when the soil above the normal high water mark is frozen or saturated. YES NO
29. All areas of disturbed mineral soils above the normal high water mark will be stabilized with hay or bark mulch and replanted within one week of inactivity or completion of the project in accordance with the Commission's Guidelines for Vegetative Stabilization. See www.maine.gov/doc/lurc/reference, Rules and Regulations, Chapter 10, Appendix B YES NO
30. Prior to construction, erosion/sedimentation control measures such as staked hay bales or silt fencing will be placed between the work area and the normal high water mark to prevent sediment from entering the waterbody. Silt fencing will be removed within 30 days of completing the project, if soil stabilization is complete. YES NO
31. For work to be done in the water, then prior to construction sedimentation control measures such as a floating silt boom will be installed around the work area below the normal high water mark to contain and isolate turbidity. The silt boom will be removed upon completion of construction. YES NO



**US Army Corps
of Engineers**[®]
New England District

**U.S. Army Corps of Engineers
Category 1 Notification Form**
(for all LURC Expedited Shoreland Alteration Projects
subject to Corps jurisdiction)

Before work commences, submit this to the following mailing address or complete the form at
www.nae.usace.army.mil/reg, "State General Permits," "Maine." Call (207) 623-8367 with any questions.

Maine Project Office
U.S. Army Corps of Engineers
New England District
675 Western Avenue #3
Manchester, Maine 04351

State Permit Number: _____
Date of State Permit: _____
State Project Manager: _____

Permittee: John and Bethany Demopoulos
Address, City, State & Zip: 775 Quarry Road, Wells, ME 04090
Phone(s) and Email: 207-646-8259 or 361-8540 jdemopou@maine.rr.c0m

Contractor: Carey Ayer
Address, City, State & Zip: PO Box 84, Rockwood, ME 04478
Phone(s) and Email: 207-399-4823 (cell) 207-534-7325 (home)

Consultant/Engineer/Designer: _____
Address, City, State & Zip: _____
Phone(s) and Email: _____

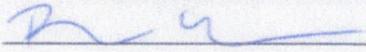
Wetland/Vernal Pool Consultant: _____
Address, City, State & Zip: _____
Phone(s) and Email: _____

Project Location/Description: Rockwood Strip T1R1 NBKP RS, Somerset County
Address, City, State & Zip: 18 Cottage Lane, Rockwood, ME 04478
Tax Map-Plan & Lot #: Map S0033 Plan 05 Lot 10
Latitude/Longitude Coordinates: N45°40.939 W69°45.728
Waterway Name: Moose River
Work Description: For shoreline stabilization, install timber frame
bulkhead wall, replace to same foot print.

Provide any prior Corps permit numbers: _____
Proposed Work Dates: Start: Nov. 2013 Finish: Nov. 2014

Area of wetland impact: _____ SF
Area of waterway impact: _____ SF

Your name/signature below, as permittee, indicates that you accept and agree to comply with the terms, eligibility criteria, and general conditions of Category 1 of the Maine General Permit. For a copy of the Maine General Permit go to http://www.nae.usace.army.mil/Regulatory/SGP/ME_GP.pdf

Permittee Printed Name: Bethany Demopoulos
Permittee Signature:  Date: 11/9/2013

FOR CORPS USE: Corps Permit Number: _____ Date Logged in: _____

NAE-2013-2479

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