

TO: **Thomas Gilbert**, Project Manager
Dept. of Environmental Protection (DEP)
Bureau of Land and Water Quality Control

FROM: Department of Marine Resources (DMR)

SUBJECT: REQUEST FOR PROJECT REVIEW

PROJECT: DEP Application #: L-25276-4D-A-N
Applicant: Donald Bartusek
Location: Northport (Penobscot Bay)
Type of Project: Rip-rap Shoreline Stabilization

The above proposed project has been carefully reviewed and considered by DMR personnel. The following are DMR's comments:

DMR personnel visited the site on March 23, 2011 at 1040 (low water approx.: 0815).

DMR understands that the applicant is proposing to install 12 to 24 inch diameter stone along 49½ ft. of shoreline to a height of 5 to 7 ft. at a 1:1 slope, extending a maximum of 5 ft. beyond the Highest Annual Tide (HAT). Approximately 700 sq. ft. of intertidal below HAT would be covered, according to the permit application. Material and equipment delivery would likely be from a barge. The area above the rip-rap would be re-graded, maintaining the existing to a 1:1 slope, and planted with salt tolerant plants (1 to 4 rows, 2 ft. apart).

The site of the proposed project at 752 Shore Rd. is a moderate to high energy shore. The upland of the proposed project area contains a cottage with a porch that is ~ 5 ft. from the top of the supratidal bank. The applicant owns 49½ ft. of shoreline. The supratidal bank, ~ 30 ft. high, is eroding with the top edge getting close to the house porch. A PVC drainage pipe ~ two thirds of the way up the slope is exposed. The upper intertidal is boulder/cobble/gravel. The mid and lower intertidal is boulder/cobble/gravel with scattered rockweed. The shoreline along the abutting property to the south is also proposed to be stabilized with rip-rap.¹

DMR recommends that a much more dense re-planting with a variety of trees, shrubs and other plants be done over the entire re-graded area than that proposed. Any excavation should be done while the tide is out and the excavated area stabilized prior to an incoming tide. Use of excavation equipment on the intertidal should be done on protective mats. Construction equipment should not be left on the intertidal during high tide. Stone should not be taken from the intertidal. Navigation and recreation, and riparian access would not be impeded by this proposal.

Brian M. Swan
DMR Environmental Coordinator
Date: March 24, 2011

¹ DMR submitted comments to the DEP on an application by Daniel Webster who owns 750 Shore Rd., March 23, 2011.