

**From:** "Kalinich, Jeffrey C" <Jeffrey.C.Kalinich@maine.gov>  
**To:** Alex Sirois <alex.sirois@raymondmaine.org>, Chris Hanson <Chris.Hanson@raymondmaine.org>  
**Cc:** "Sivovlos, Alexis" <Alexis.Sivovlos@maine.gov>  
**Date:** 11/04/2021 12:11 PM  
**Subject:** Donald Buteau Map 1 Lot 22, Map 1 Lot 20

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Hi Everyone,

Here is a summary of my findings during the inspection yesterday.

#### Map 1, Lot 22

The removal of trees has resulted in a canopy opening greater than 250SF and a points violation. In addition vegetation under three feet, ground covers and saplings were removed in violation of standards. The entire shoreline from the NHWL to the top of slope was excavated and rip rap was installed. The removal and addition of material is in excess of 10CY. Based on a photo provided by PWD and the abutting parcels shoreline the placement of rip rap exceeds what is necessary to control erosion. Rip rap was installed 9 to 12 feet high (vertical distance) where it appears 2 to 3 feet would have been sufficient. Rip rap was apparently installed by land but a barge operation was available as may have been required by Raymond's Ordinance sec. 15 C. 12. had the Town had the opportunity to review a permit application. Any excess clearing allowed for this project would require revegetation. The rip rap has filter fabric under it but it is not keyed in at the toe of the slope and there are no toe boulders. The size of the rip rap is insufficient to armor the slope. There appears to be a ground water seep in the area of the rip rap between the jetty and abutting parcel. A hot tub is located 56 feet from the NHWL. A 15 foot wide by 40 foot long jetty was constructed in the lake. A 15 foot wide by 120 foot long area at the toe of the slope between the jetty and lot 20 either had the lake stone removed or the toe of the slope was excavated back. This area consists of unconsolidated sand and gravels.

#### Map 1, Lot 20

A 14 foot wide by 50 foot long boat ramp with additional rip rap on the sides was installed from the top of the slope to the NHWL. Once preexisting condition photos are obtained of this area it should be determined if this was a replacement, expansion or installation of a new structure. There was no evidence of an existing access way from the inland portion of the parcel that led to the ramp. Since this parcel already has access to the resource a second access way would only be allowed if the parcel had twice the shore frontage. The removal of vegetation on this lot was not clear based on site conditions. Once additional preexisting condition photos are obtained the area of the banking and boat ramp should be reviewed against standards. Rip Rap on this parcel was installed 9 feet high (vertical distance) and it is not clear that was required. Verify with preexisting condition photos. This rip rap has fabric that is not keyed in and there are no toe boulders. The size of the rip rap stone is not adequate. Part of the excavation that resulted in unconsolidated sand and gravels at the toe of the rip rap may be on this parcel.

Given the alterations that have occurred on these parcels the NHWL (266.5) should be determined via survey since the aquatic-terrestrial line is no longer observable. This will be needed for setbacks moving forward and may help determine if the unconsolidated area was lake bottom or adjacent land but may not. The photos may help determine what was done in the "beach" area as well if it is obvious. The Department issued a NOV and CA to Don Buteau in 2008/09 for violations on Long Lake in Harrison. The violations were related to adjacent structures and fill adjacent, and in, the lake. John Wentworth was the CEO and I can't recall if the Town issued an NOV or not. I reviewed a permit for riprap (L-27743-2A-A-N) for TBDD, LLC just up the shore in 2019 and they went up five feet with the Rip Rap but I am not sure if this a vertical distance or slope distance. This application may provide useful information regarding this project.

I have more photos if you want them let me know. Send me the PWD photos when you get a chance.

Let me know if you have any questions or if I missed something we discussed.

I am available to provide additional assistance.

Jeff

Jeffrey C. Kalinich  
Assistant Shoreland Zoning Coordinator  
Maine Department of Environmental Protection  
312 Canco Road  
Portland, Maine 04103  
Ph. (207) 615-7044  
Fax. (207) 822-6303  
[www.Maine.gov/dep](http://www.Maine.gov/dep)

**Attachments:**

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|---|--------------|--------------------------|
| File: <a href="#">AbuttingShoreline.jpg</a> | Size: 10443k | Content Type: image/jpeg |
| File: <a href="#">Beach.jpg</a>             | Size: 9981k  | Content Type: image/jpeg |
| File: <a href="#">Jetty.jpg</a>             | Size: 10793k | Content Type: image/jpeg |
| File: <a href="#">FabricAtTow.jpg</a>       | Size: 5045k  | Content Type: image/jpeg |







