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RECEIVED
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East Hampton
Land Use Dept.

October 1, 2022

Subject: 11 Hawthorne Road Sediment Removal Plan

Purpose:

The area within the lake around the dock located at 11 Hawthorne Road has accumulated a significant amount of sediment from a drainage pipe which empties at that location. The build up has created an issue of reduced water depths which have hindered the use of the area by the homeowners and has also contributed sediment deposits that potentially contribute excess nutrients to the waters of Lake Pocotopaug.

Method:

New England Aquatic Services will remove the sediment by digging out the material from the lake after the water has been drawn down. An amphibious machine called a Truxor will be used with a backhoe attachment to extract the accumulated sediment. The sediment will be dumped from the lake into a Kubota Backhoe on shore which will carry the material up the hill toward the road. The goal will be to immediately deposit the material into a truck provided by Public Works located at the top of the hill at the access point. If the material is too wet it will be stockpiled in the temporary location noted on the attached image to dry. Silt fence will surround the area and it will be left for 7 days or until it is dried enough to be loaded into trucks and removed without risking spillage of wet material on the streets.

Access:

The amphibious equipment will access the lake from the boat launch and drive across the water to 11 Hawthorne Road. The backhoe and Public Works trucks will access from the street.

Scope:

The scope of the work will be to remove as much of the accumulated sediment as possible in 3 days. We estimate removing between 50-100 cubic yards of material within that time period.





Drainage Pipe entering lake



Silt Fence

Temporary Material Stockpile

Access Point for Equipment

Google Earth

100 ft

