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RECEIVED
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East Hampton
Land Use Dept.

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Subject: Christopher Brook Outlet Dredging Plan

Purpose:

The area within the lake where Christopher Brook enters after emerging from under N Main Street has accumulated a significant amount of sediment. The sediment has reduced depths which inhibits the use of the area and also potentially contributes excess nutrients to Lake Pocotopaug.

Method:

New England Aquatic Services will remove the sediment using a suction dredging method. This method will rely on the use of a trailer mounted dredge pump. The suction hose of the pump will be manipulated by hand to dredge the material and pump it to a dewatering tube located in the Happiest Paddler parking lot. This Geo-textile woven dewatering tube will retain the sediment and allow the water to drain back to the lake. The tube will be placed in a staging area which will be lined with plastic and reinforced with hay bales to help control and direct the discharging water. After the dredging is complete the tube will sit to dry for a minimum of 8 weeks or however long it takes to dry to levels which will allow public works to truck the material away without it being so wet that it spills on the roadways.

Access:

All access will be from the Happiest Paddler property.

Scope:

The scope of the work will be to dredge an estimated 1.5'-2' on average from the areas shown on the attached plan image in yellow. This will result in approximately 250 cubic yards of wet sediment. The project will take approximately 2 weeks to complete.



