

## **Town of Old Lyme**

### **Rogers Lake Dam Summary of Work to Date 08/23/13:**

Mattern Construction has been on the job since June 26<sup>th</sup>, overseen by representatives from Nathan L. Jacobson & Associates. This is a summary of the work that has been done:

- Safety Fencing installed around the work area
- Cofferdam built in lake behind the dam so that water could be removed from the work area
- Work area has been prepared by removing water from area
- Spalled and delaminated concrete was removed from existing wall and caps
- Concrete pours were done downstream of the sluice gate, the spillway and the year of repair has been added within the concrete.
- Over the past several weeks, the level of the lake has been lowered, at one point to as much as 13". On Aug. 22, Mattern Construction surveyed the lake water surface elevation as 86.3, which is about 10" below the spillway crest. Excavation has begun for the placement of standard riprap located down gradient and adjacent to the reset concrete slab stones. Some riprap has been placed.
- Currently, the sub-contractor is on site installing the sheet piling upstream of the dam. They anticipate that this should be done by the end of this week, though that is dependent upon what they hit as they drive the pilings.
- After the sheet piling is installed, the area between the dam and the sheet piling will be excavated and prepared for concrete to be poured.
- After this is done, the level of the lake can begin to rise through natural watershed runoff and groundwater inflow
- Installation of the low level outlet pipe, forebay, new slide gate and fish ladder are still to do.

Water is still flowing out of the bypass pipe, but it is the minimum outflow required by DEEP to maintain the needs for aquatic life downstream.