

**Southampton Village Environmental Committee &  
Clean Water Task Force  
Zoom Meeting  
Southampton, NY  
August 17, 2021  
5:00pm**

**MINUTES**

The Village Environmental Committee (EC) Zoom meeting was held on August 17, 2021, Southampton, NY at 5:00 PM. Present were Charles McGuckin, Roux Environmental Engineering, Kathryn Sommo, Roux Environmental Engineering, Peter Campbell, Z-Filter Environmental Solutions, Trustee Robin Brown, Josh Halsey, Peconic Land Trust and EC members: Rob Coburn, John Halsey, Daniela Kronemeyer and Tom Louthan.

1. Review June 29, 2021 Environmental Committee minutes: The minutes from the June 29, 2021 EC meeting were accepted.
2. Old Town Pond Dredging Report: Charles McGuckin, Principal Engineer from Roux Environmental Engineering, discussed sediment sampling of in four sections of Old Town Pond for the dredging report to the Village. Following are the highlights:
  - Sediment depth gradually increases from edge to middle of the pond at 4 feet thick.
  - The pond is shallow, water depth is only 5 feet.
  - Sediment is 42% sand and gravel; importantly, the sediment is relatively clean and not contaminated, with a low nitrogen level. Thus, the sand can be reused; this should help with the Village's grant application.
  - A plan needs to be developed for separating the sand and gravel. Peter Campbell noted that the Z-Filter dewatering process can accomplish it.
  - The benefits of sediment removal include:
    - Removal of nitrogen and phosphorous will nutrient source for harmful algal blooms.
    - Improve water quality.
    - Increase pond depth.
    - Lower water temperature.
    - Remove need to open drainpipe.
  - Tom Louthan noted that Holly Peterson has organized an Old Town Pond Neighbors group to support the restoration of Old Town Pond. At an initial meeting last Sunday, the residents expressed interest in supporting a wetland for Old Town Pond.

3. Z-Filter Dewatering Technology: Peter Campbell reviewed the Z-Filter dewatering technology process.
  - Peter noted that there are many uses for a large portion of the sand resulting from the dewatering process, which would reduce the overall cost of the dredging. The sand is not contaminated and should be able to meet NYS Department of Environmental Conservation qualifications.
  - Charles McGuckin and Peter Campbell would develop a plan to develop the design, budget and DEC permit process.
  - The dewatering process of the sediment would be described and evaluate options for the Village & Town for reuse of the dredged material and discuss alternatives as to where the dewatered material would be delivered.
4. Next steps for Old Town Pond dredging:
  - Charles McGuckin said that Roux is ready to begin work on a plan with Peter Campbell for approval by the Village and Town of Southampton, hopefully in Fall 2021. The dredging is best done during the Winter months.
  - Additional sampling and field work is necessary regarding the excavation areas and disposal requirements.
  - Peter Campbell is encouraged by the positive results from the sediment testing and that the plan to dredge Old Town Pond could be accomplished with minimal disturbance to the surrounding community. John Halsey inquired about the dredging process timetable and Peter Campbell responded that it would take several months and the noise level should be no louder than a typical home construction.
  - Trustee Robin Brown is interested in a briefing on the Village environmental and clean water priorities and will meet with Rob Coburn and Tom Louthan next week to follow up. Trustee Brown also suggested that Roux share the presentation slides with the Committee.
  - Rob Coburn noted that Holly Peterson is planning a meeting of the Old Town Pond Neighbors on August 29<sup>th</sup> and that an update on the dredging report could be added to the agenda. The positive results from the Pond sediment sampling indicate that dredging will be a key component of the restoration of Old Town Pond. It ties everything together, with the bioswales being installed soon, and the potential for a wetland constructed for the north end, these steps taken together with the dredging would lead to the restoration of the Pond.
5. The meeting was adjourned at 5:50 PM. The next EC Zoom meeting will be held on Tuesday, September 7, 2021, at 5:00pm.