

MINUTES OF MEETING
June 23, 2010
CONSERVATION COMMISSION
Spinnaker Cove site walk
5 PM
Approved at the July 21, 2010 meeting

PRESENT- Dean Anson, Chair, Walter Kalin, Tobias Paddock, Deborah Williams

ABSENT- Marnie Schulz, Leslie Thompson, Hillary Martin and Lisa Morin

OTHERS PRESENT - Erin Darrow, PE Right Angle Engineering, Dan Ellis, Commodore Spinnaker Cove Yacht Club, Seth Nuttelman, Laconia Water Works and Scott McPhie, Conservation Planning Technician

The June 23, 2010 site walk began at 5PM with a brief description of the project area and the impacts to Black Brook and Paugus Bay by Erin Darrow and Dan Ellis inside the Spinnaker Cove Yacht Club building.

The proposal was to utilize a barge to dredge 700 cubic yards of sediment (70 truck loads) at the mouth of Black Brook in Paugus Bay enabling pleasure boats to maneuver into their docking areas. Currently the sediment has built up to the point where some approaches to the docking facilities are only three-feet deep where the impacted area should be seven or eight feet deep. Sediment logs should be placed around the area where the dredge sand will be loaded onto trucks for removal to an approved dumping site. The two barges will be placed behind the turbidity curtain but will leave the curtain to navigate around the docks to the lower parking lot. The area has never been dredged in the history of Spinnaker Cove Yacht Club. The goal is to improve navigation while protecting water quality. Work will take place in November 2010.

The LCC and Water Department were concerned about the uploading of barges outside of the turbidity curtain and the transportation of materials around the docks to the South side of the Spinnaker Cove lot. There were too many places where minor mistakes could have major impacts particularly for spreading milfoil and dropping sediments along the radius of the docks. The LCC suggested maintaining all activities within the confined areas of the turbidity curtain, allowing trucks to up load closer to the barge and armoring the small area between the parking lot and the shoreline of Black Brook.

The LCC suggested abandoning the dredge barge concept and using a suction barge or divers to eliminate the sediment sand s and milfoil. Costs may be reduced do to the reduction in man hours.

A walk of Black Brook then took place stopping at major problem areas. D. Anson proposed use of a wide area of Black brook east of the Union Avenue Street Bridge to create a wetland area to trap sediments before they reach Paugus Bay. Floating wetlands were also mentioned. Grant money could be jointly applied for to prevent future problem sediments from ending up in Paugus Bay therefore improving water quality.