

September 15 2009

Attending: JRiehl, JDuane, NHitchcock

Guest: Holly Bayley – CCNS Technician

- Meeting called to order 7.05 pm
- Bayley is the field technician at CCNS who has responsibility for taking and analyzing ponds water quality data throughout the summer. She presented a detailed summary of work on the Wellfleet Ponds inside the CCNS boundary (this is a lengthy document: available from JRiehl upon request)
- Key items from report:
  - Ponds are low alkalinity, naturally low PH, low nutrient (in deep ponds)
  - Both PO<sub>4</sub> and NO<sub>3</sub> are nutrients of concern (paper of Smith & Lee); older view was only PO<sub>4</sub> was a concern
  - Slight uptrend in pH at Long, Great & Duck Ponds: may be a sign of uptrend in primary production. Not observed at Gull (a very deep pond), which always had a higher pH
  - Secchi depths flat to increasing
  - Great, Long, Duck Ponds are oligotrophic (highest quality level); Gull Pond slightly lower but may always have been so.
  - No major recent trend in any water quality data. Full review awaits hire of Aquatic Ecologist in January
  - Abutters concern about shoreline erosion at Duck Pond
- Fresh Brook. Interest to restore native Brook Trout at Fresh Brook. NRAB voted 3-0 to send supporting letter to Steve Hurley at DMF. There will be a talk at HMC about this topic.
- Meeting adjourned at 9.10 pm.

- CCNS Ponds Monitoring – Holly Bayley
- Power Lines; Nstar issue
- Fresh Brook
- Mayo Creek
- Wastewater in Orleans
- Wellfleet Harbor Conference
  - Ocean Management Act
- Fall Town Meeting
- New Business
- Next Meeting