

**White Oak Pond Watershed Association (WOWPA)
Water Quality Sampling Committee (Roger, Galen and Nancy)
Report on 2012 Sampling Data – July 17, 2013**

Highlights of the 2012 water quality sampling:

- sampling conducted June, July and August; no spring runoff sampling due to lack of organization; added Lamb Swamp Inlet because it represents such a large portion of the watershed; will continue to evaluate sampling locations in relation to watershed representation
- received similar ‘White Mountain Region Regional Report’ as we did for 2011 results; this report is a summarization of the whole region and doesn’t contain specific analysis for White Oak Pond; but also received 2 page summary report for White Oak Pond; change in report formats is due to lack of funding for the VLAP program but the reintroduction of the pond specific reports for 2012 is very positive change from 2011
- Appendix B of the regional report contains copies of many ‘Best Management Practices and Resources for Pollution Control’ documents; encourage everyone to read and heed as understanding and avoiding behaviors that contribute pollution to the pond is the best method for maintaining the water quality
- Along with the ‘Best Management Practices, the Shoreline Protection Act is also an important tool for maintaining the water quality of the pond. Information about the Shoreline Protection Act is available at the WOPWA website and the NH DES website: <http://nh.des.gov>

Highlights of the sampling data:

- Data is similar in many respects to previous years. A few notes:
 - Dump Inlet showed very high Conductivity at June sampling which is not the same as historical results; usually high conductivity only shows up in tributary and sampling at the inlet is much lower; this change would be significant but only if consistently appearing; may have been an error in sampling so will keep a watch on results for 2013 and future years.
 - VLAP recommends conducting chloride monitoring at Dump Trib and E Holderness Trib locations where conductivity has been consistently high; recommend WOPWA vote to do this in 2014
 - Total Phosphorus is variable, as it has been in the past, but sometimes higher than desired at certain locations. At the deep spot it is average but at the new Lamb Swamp inlet sampling location in August, at the Dump Trib in July and at the E Holderness Rd Trib in July and August it was in the ‘high’ range. These should be monitored for comparison to 2013 results.

Water Quality website highlights:

- report and data from 2012 is posted on WOPWA website (www.wopwa.org)
- new page added for ‘Water Quality Frequently Asked Questions’; includes an answers to the question posed at last year’s annual meeting about the observed change of lily pads on the pond and a place to add answers to additional questions