

**PEMBROKE WATERSHED ASSOCIATION
2009-2010 ANNUAL MEETING REPORTS**

May 20, 2010



*President
Ray Holman*

I'd like to thank all of our members as well as the Board of Directors and Executive Committee for their continued dedication to PWA. We will persevere in our efforts to try and eliminate some of the problems with our ponds in the months to come.

Unfortunately, it has taken longer than we expected to establish a maintenance program for Oldham Pond due to the Easternpond Mussel. Aquatic Technology, the company hired for this job, has been trying to find a chemical that Natural Heritage will approve. PWA funded this mussel study by Biodrawversity in the amount of \$4800 thanks to our member's dues, plus fundraisers.

Comprehensive Environmental, Inc. should have the Furnace Pond Hydrology study completed this summer as long as the water table recedes enough to check the water and land wells. The results of this study will determine how deep the pond can be dredged, at some point, without digging into the aquifer.

A 604(b) grant in the amount of \$47,150 will establish a long term watershed restoration plan on both Oldham and Furnace Ponds. The study will determine the pollutant source, phosphorus, and estimate how much needs to be removed as well as to develop engineering designs for the top three to five structural BMP's recommended in the plan.

A second 604(b) has been submitted to the Mass DEP which will provide a watershed management plan for Little Sandy Bottom, Stetson and Hobomock Ponds as well as for additional monitoring activities in the upper reaches of the Oldham Pond watershed.

PWA will be funding algae treatments for Furnace Pond this summer in the amount of \$8,160. We're not sure of the dates as yet, samples will have to be taken to establish a count, and when it is high enough, the first treatment will begin.

The state was unable to fund the hydrilla maintenance program for Hobomock Pond this year. I contacted Conservation and asked that they submit an article for the Town Meeting asking for

