

October 23, 2006

Ms. Michelle Robinson  
Department of Conservation and Recreation  
251 Causeway Street, Suite 600  
Boston, MA 02114

**Re: Year-End Report for the Aquatic Management Program at Long Road Pond – Fairhaven, MA**

Dear Michelle:

Please accept this as our Year-End Report for the 2006 Aquatic Management Program at Long Road Pond in Fairhaven. The goal of this year's program was to manage the pioneer infestation of parrot feather (*Myriophyllum aquaticum*) discovered last year, which is reportedly the only occurrence of this invasive plant in the State. Management of this new plant is desired to prevent its spread to other nearby waterbodies. After an inspection of the pond by Aquatic Control in the fall of 2005, a herbicide treatment program was recommended to attempt eradication of the parrot feather in this pond.



After receiving authorization to proceed, Aquatic Control submitted and received a "License to Apply Chemicals" from the MA DEP – Office of Watershed Management. The DCR worked with the Town to secure an Order of Conditions, which was delivered to Aquatic Control on June 26<sup>th</sup>. A pre-treatment inspection in late May confirmed the dense growth of parrot feather throughout the pond, especially along the shoreline.



Treatment of the pond with the Renovate3® (triclopyr) herbicide was conducted on June 27<sup>th</sup>. The herbicide was applied to the entire pond as a surface spray. The pond was posted with signs warning of the temporary water use restrictions in effect following treatment. We returned to the pond on July 13<sup>th</sup> to perform a post-treatment inspection. Excellent control of the parrot feather was observed. There were no viable plants present in the pond. Since Renovate is a "systemic" chemical, control of the parrot feather should persist into next year and possibly even longer. An added beneficial effect of the treatment was that much of the purple loosestrife (*Lythrum salicaria*) was also controlled with the Renovate herbicide.

**2007 Recommendations**

Based on the success of this past summer's treatment, we expect good to excellent control of the parrot feather at least through the 2007 season. To extend the level of control, the DCR may want to organize a hand-pulling effort to address any scattered re-growth that appears. If the re-growth expands, re-treatment would also be an option. The Order of Conditions from the Fairhaven Conservation Commission should be valid through 2008 and can be extended beyond that date at the discretion of the

Commission. Please keep this in mind and be sure to request an Extension before the Order is due to expire.

We hope this report provides a good summary of program performed this year at Long Road Pond. If we can be of any further assistance with this project, please let us know.

Sincerely,  
**Aquatic Control Technology, Inc.**

Dominic Meringolo  
Environmental Engineer