

MINUTES OF THE LAKES MANAGEMENT ADVISORY
COMMITTEE

December 6, 2016

7:32 P.M.

Mountain Lakes Borough Hall

400 Boulevard, Mountain Lakes, NJ 07046

Present:

Member Glenn Tippy acting as Chair at Chair's request in her
absence

Council Liaison

Solitude Lake Management representative

Student Liaison: Weinstein

Members: Cook, Dewing, Mesicek, Tippy, Wexler

I. Approval of November Minutes.

II. Reports:

A. Chair – No report

B. Solitude Lake Management presented the Year-End Report by
Chris Doyle, Certified Lake Manager

Discussion of Temperature Departures in 2016. Early
warmth had implications for aquatic plant control.

Departure from normal rainfall.

First algaecide application in Birchwood Lake in at least the
last 10 years. Phosphorus level high coinciding with algae. Water
lily treatment on typical 3 year cycle. Dissolved oxygen levels
continue low in Birchwood.

Crystal: Two algaecide applications. Two herbicide. Trying
to avoid treating Bass Weed which is a highly desirable native.

Sunset three algaecide, one herbicide. Water lilies to be
treated in 2017. Minor algal bloom.

The small basin (Olive, Shadow, Cove, Grunden's) had many
dissolved oxygen issues in a year with many days of excessive
heat. Some algal blooms.

Mountain Lake: One herbicide application, four algaecide, no alum. Probably need alum in 2017 and it might have been desirable late in 2016. Blue green algae bloom in September. Water clarity decreasing over 4 years since last alum.

Wildwood Lake: Three herbicide treatments, one algaecide, two alum. Lower water probably contributing to naiad growth, resulting in late season treatment.

Overall, the larger basins were at or over desirable phosphorus, small basins generally over.

Fecal coliform counts continue to be much better than 5 years ago.

Lakes Cleaning 2016 restricted by low water situation. Will be ready to go in March/April 2017.

Canal survey revealed problem with invasive Fanwort and Water Primrose. Rapid response with high dose of Clipper herbicide.

Solitude will continue with weekly surveys in 2017, per past practices.

Continue rapid response to invasive species. Continue alternation of contact herbicide and systemic herbicide as in past, depending on conditions.

Discussion of potential report on 10 years of data to evaluate progress/problems.

III. Old Business:

Potential aerator changes discussed. There is a regimen of turning on and off the aerators and the accuracy of turning them back on after swim meets is not clear.

Brief discussion of impact of sun tan lotion residue on dissolved oxygen levels in Birchwood. Solitude will review that with the national association of lakes managers, looking for data.

Brief discussion of volunteer recognition and the impending town event.

Question as to whether the Borough has arranged for a new beaver control process, the season being upon us.

Discussion of an informative brochure, with input from Solitude Lake Management.

IV. New Business.

Meeting adjourned: 8:44 PM

Next Meeting: March 7, 2017