

Meeting Minutes of the Lakes Management Advisory Committee
April 2, 2019
7:31 pm
Mountain Lakes Borough Hall
400 Boulevard, Mountain Lakes, NJ 07046

Borough Manager: Stern
Committee Chair: Dewing (stand-in chair for Ferguson)
Council Liaison: Happer
Solitude Lake Management representative: Schindler
Members: Gargano, Mesicek (minutes), Russo
Student Liaisons: Shah, Shafqat
Environment Commission Liaison: Rankin

I. Approval of March Minutes

II. Student Liasons:

Potential spring cleaning projects in cooperation with High School Environmental Club discussed.

III. Borough Manger Report:

Sunset Dam
Engineering firm is scheduled to commence subsurface testing this spring.
Borough will provide update on the dam upgrade scheme.

Birchwood
Renovation and expansion of existing structures is underway. Completion is targeted for before the start of the swim season.
Aerators which have not already been switched on will be turned on next week.
Additional \$17K were requested to be included in the budget for hydroraking.
Electrical lines leading to the pump house discussed.

Grunden's Pond
Borough will issue report on the assessment of the dam. It will include the trees to be removed and scope of the proposed repair work.

III. Solitude:

Proposed permitting procedures by DEP for hydroraking presented.
At meeting of COLA (Coalition of Lakes Association) on April 17, DEP will provide new rules for lakes cleaning. Hydroraking may require similar permitting to dredging.
Still can do surface hydroraking this year without touching the bottom.
Proposed permit fee may be as high as \$15K per lake, good for 5 years.
Borough council may contact the State Senator Tony Bucco on this issue.

Aquafix company (teamaquafix.com) makes oxygen booster product in the form of aerobic bacteria. It accelerates digestion of the muck sediment, it is a bio stimulant.
This natural oxidation method may be used as an enhancement or substitute to hydroraking. More data is needed before Solitude can recommend it.

Conductivity results in lakes discussed, Solitude will conduct new sampling measurements.

IV. New Business:

Prior to the meeting, Shadow Lake resident communicated to the Lakes Committee a concern about presence of algae this early in the season.
Solitude response is that it is a cold water type of algae. It is a normal natural occurrence at this time of year. It will be monitored for another two weeks, if it persists, the lake will be treated.

Environmental Commission brought up the topic of toxicity of some strains of blue-green algae. Movie "Toxic Puzzle" deals with the alleged possible link between cyanobacteria and Alzheimer's disease.

Discussed a need to identify areas along lakes' shores which would benefit from planting of water "filtering" plants, resulting in better water quality and reduced algae growth.

Meeting adjourned: 9:41 PM

Next Meeting: May 7, 2019