

Amston Lake District
Board of Directors Special Meeting Minutes
April 3rd, 2010 3:00 to 5:00 p.m.
ALIA Clubhouse, 16 Wood Acres Road, Amston, 06231
www.AmstonLake.org

Topic: Special ALD Board Meeting with Dr. Knoecklein

Present: D. O'Brien, M. Paul, R. DeCormier, D. Martin, D. Moorcroft, S, Martin (3:15 pm) and Dr. George Knoecklein

Absent: J. Connor, S. Fogue, L. Hennebury

Called to order at 3:00 pm

1. Review and discuss ALD Lake Monitoring Report – the 2009 Report was emailed to the Board on Friday, April 2nd-copy is posted on website or available from the Clerk
 - Dr. Knoecklein acknowledged that some data was missing from the report and he would follow-up on revising the report; specifically requested: pH data and high coliform reports for L4 and L12, Lebanon inflows
 - Algae: Algae is fed by phosphorous which enters the lake from storm water and human activity. We need to stop phosphorous from entering the lake; until then, algae will continue to grow. The algae species last year was different from prior years. Copper sulfate is a chemical solution but will kill algae but only for a few weeks and then more will grow on the phosphorous. Side effects of copper sulfate: kills snails and all other invertebrates; only kills the algae it directly contacts; copper then remains in the lake bottom. Recommends continued barley straw applications in April, keep track of numbers of bales used, dates installed and installation techniques; track results. A certain amount of algae is normal; only permanent solution is to stop phosphorous from entering lake and remove sediments containing phosphorous where possible. Continue to remind residents to use fertilizer and cleaning materials which do NOT contain phosphorous
 - Dog waste in the watershed should be reduced.
 - Everything put into the watershed will drain into the lake. Once in the lake, it stays there.
2. Review and discuss remaining lake health tasks (April to June 30th)
 - As in years prior, install barley straw in April to inhibit the growth of algae – Scott Fogue is coordinating installation
 - Continue to collect samples from the Lebanon side in conjunction with Lebanon health department in regards to possible septic failures until sewers are installed; fecal coliform is best test to identify septic leakage.
3. Review and discuss new lake health tasks (July 1, 2010 to June 30, 2011) - Items to be reviewed and discussed at Annual Meeting for consideration in budget:
 - Vortex drain to be proposed to residents for Hebron, H11 inflow to remove sediments from incoming storm water so to prevent future algae by preventing phosphorous deposits
 - Dredging of Northeast Cove – to remove sediments and materials accumulated by prior resident which are adding to the bacteria and algae problems in that area; would like Dr. Knoecklein to review the effects of dredging on H6 and provide feedback on its effects on the lake soon
 - Continue to collect samples from the Lebanon side in regards to possible septic failures until sewers are installed

Adjourned at 5:05 pm

Respectfully submitted,
Sherri-Ann Martin
Amston Lake Tax District
Clerk