

Lower Spring Lake Protection and Rehabilitation District
February 27, 2010 Minutes

Meeting called to order: Ed called the meeting to order at 10:00 a.m. Present-Ed Shields, Mark Ley, Linda Plennes and guests Patricia Cicero from the Jefferson County Land & Water Conservation Department, and Jim Kannenberg the Midwest Regional Manager for Marine BioChemists.

Discuss/Vote/Approve large scale chemical treatment plan: A very lengthy discussion took place with information from Ed Shields, Patricia Cicero, Jim Kannenberg and Steve Schneiger being shared with our Lake District members.

Chemical Treatment plan: We are currently doing a large scale treatment; a full scale would mean all accessible areas of the lake would be treated. Steve and Ed met with the DNR in their Fitchburg office to discuss in great detail our options. Currently the large scale operation is early in the season and contact time is limited with the invasive species. With the full scale operation, we greatly increase the contact time with the invasive species, however certain spring conditions can change the makeup of the operations and its effectiveness. What we are doing now is just a maintenance venture; full scale operation is a restoration venture. Restoration gives us the ability to apply for grant money. The changes in grant money are a positive one. Grants up to \$200,000 are available, with 75% of the grant money coming from the grant and 25% coming from local funding. Grant applications are only accepted on February 1st and August 1st. If/when we apply for this grant it would be for the year 2011. Our current treatment is for Eurasian water milfoil and Curly-leaf pondweed. Options are we could focus on just Eurasian water milfoil, or just Curly leaf pondweed, or we could treat both. Curly leaf pondweed takes 3 years to treat with additional spot treatments and spot treatments for the milfoil. Comments were made by the DNR/Marine Bio that if you treat only the milfoil that the Curly leaf pondweed could take over - this has happened on other lakes in Wisconsin (Eagle Lake, Racine Co). Patricia's suggestion was to have our plan in place, to apply for the grant for the treatment of both the above mentioned species. The hope of this plan would be to treat the species with positive results thus greatly reducing the actual harvesting hours. A cost savings on labor, gas, hours, usage of the harvester. Current cost of herbicide application and fees was \$6,154. Less than \$2,000 was spent on repairs for the harvester. Gas, labor and repairs were just under \$9,200. Jim from Marine Bio stated the cost per acre for treatment was \$467. We currently would treat 30 acres this is 30% of our lake. This would vary depending on the concentration levels and the depth of the lake area being treated. An

estimate of approx \$14,000 was given by Jim. Jim stated that a 3% max cap would be placed on the cost of chemicals each year. Given this info the cost per acre would be \$481 if we went with a full treatment 104 acres next year the cost would be approx \$50,000 using both products for the milfoil and pondweed.

This figure is only for one year, and as noted by Jim the follow up years would be less money. Our cost would be \$12,500 or 25% from the grant if it were \$50,000. Since we only use 80% of the water now, the cost would be in the \$40,000 range. Twenty percent of our lake we can not use. Options were discussed as to what areas of the lake should be treated, what concentration levels and what chemicals should be used etc. Patricia stated we needed to get some water flow information from the village. Possible drawn down was discussed, taking several water samples after treatment. The new replaced dam is a fixed crested dam-meaning that the water flow can not be controlled by us. The flow will rise and lower when it rains, just as it does now. We are still at the mercy of Mother Nature! There is a 96 hour window for the ideal chemical contact treatment to take place. Comments made about when the Upper Spring lake plans on replacing the water in that lake, it could cause a lower level in our lake, good if we were to treating our lake that week. Watch the weather for a no rain week possibility. Important question to ask-Can we hold up the water in our lake so that the chemical treatment reaches its fullest potential? That is a DNR question.

Statements were made on granule vs. liquid chemicals. Liquid spreads faster, but granule gets deeper and is more controlled but is more costly. We currently use both methods on the lake. They both have advantages in the applications.

Greg Smith made a motion: For 2011 Full chemical treatment of the lake pending approval of the grant money. Seconded by Carol Dixon. Vote taken: All in favor-16 /0 none opposed. Motion passed, a footnote added: Curly leaf pondweed and Eurasian water milfoil will be included for treatment in the grant proposal. We will apply for the grant money this August 1 and if not approved we will again apply next February 1st as well.

Carol Dixon made a motion: For 2010, at this point an e-mail from Susan Graham, Lake Management Coordinator for the DNR dated February 26 was read out loud to the district members. After this e-mail was read Carol Dixon retracted her motion. The e-mail made it very clear as to where the harvesting could take place and where it can not.

Carol Dixon made a motion: For 2010 treatment modification of 25-30 acres to include previously treated shorelines for milfoil only with liquid and granule treatment as in the recent past for the spring of 2010 and to stay within current budget. George Stewart seconded motion. Vote taken

1 No vote/ 15 Yes votes. Approved and adopted.

Steve Schneiger-Lower Spring Lake District Chemical Treatment Coordinator will apply for the permit this weekend, February 27, 2010.

Steve also stated that he had made some inquiries to other companies checking prices of chemicals and found that Marine Bio-Chem was the best price around.

Treasurer-Mark Ley reported his findings on the budget results and variances to the budget.

Secretary-Linda Plennes then read the minutes of the last meeting held on October 24, 2009. Motion to accept minutes made by George Stewart and seconded by Helena Coletto.

Discuss/Vote/Approve free lodging for WAL Convention participants: A discuss on guidelines for related water conventions, training, classes etc. was discuss. Ed prepared a draft of these guidelines and a discussion took place. Reason for this was to increase the participation in these events and bring back any information gathered at these functions. After reaching this issue several more issues arose. Auto insurance coverage and liability was a key issue. Carol Dixon made a motion to table the participation in the Wal Convention until we can further research this issue. Seconded by Jose DeLeon. Vote taken.....16 in favor No opposed.....motion approved. Peter Walker will confer with his attorney to get a legal opinion on this subject. Also get feedback from the Lake Ripley lake association on this matter was made by Patricia Cicero since they are active members in the WAL convention.

Nominations for Lake District Board Member (President) let any board member know of your interest.

Open Forum:

Set next meeting date: May 22, 2010 at 10:00 AM Saturday, Village Hall
Motion to adjourn meeting was made by Ed Shields and seconded by George Stewart. Meeting adjourned at 12:30 pm.