

**Village of Third Lake
Lakes Commission
87 N. Lake, Third Lake, Illinois**

**7:00 p.m.
August 31, 2009
Minutes**

1. Chairman Morthorst called the meeting to order at 7:00 p.m.
2. Physically Present: DeLaclayse, Rieth, Williams
Absent: DeMay, Janik, Rohrer
Also Present: Village Clerk Beggan
3. Approval of Minutes of July 27, 2009
Motion by Rieth seconded by Williams to approve the minutes of July 27, 2009.
4. Open to the Floor – Chairman Morthorst introduced Nina Laseau the new resident of 38 N. Lake Avenue. Chairman Morthorst said that Mrs. Laseau has volunteered for lakes monitoring with Jim Bland.
5. Discussion
 - a. Water Quality
Guests: Mike Adam, Lake County Health Department, Lakes Unit, James Bland and President Gary Beggan, Village of Third Lake.
Commissioner Rieth reported that in the early spring, Druce Lake had blue water algae all over the lake; it is a gelatinous mass that hasn't gone away, there is a decrease of lily pads and the water isn't as clear as it was last year. She said that she takes her dogs into Druce Lake. Last year they didn't smell when they came out but this year they do.

Mike Adam stated that the Health Department has had more calls this year regarding algae. He said the reasons are that it is very wet this year and the nitrogen is high.

Jim Bland stated that the temperature and flow impact on what we all see this year, the algae is not toxic. Dogs are sensitive to blue-green algae.

Mike Adam reported that the chart shows chloride levels have gone down. The road salt has been reduced. He also reported that there is a deicing workshop in September (9/29/09) regarding alternatives to salt.

President Beggan thanked Mike Adam for coming to the meeting. He said that this is the last year for the County Health Department, Lakes Division to monitor Third Lake. He said that the Village will be putting a flow meter at the dam to track the high water events.

Jim Bland said that the two lakes in Prairie Crossing as well as Third Lake have 10 years of data to look at.

Mike Adam stated that usually once every five years they take a look at lakes in different water sheds. The past years of monitoring of seven lakes has been called the Sentinel Lakes. They did some sampling of lakes but no chemical tests.

Chairman Morthorst questioned whether five years down the road we may have to have the same service in Third Lake.

Mike Adam stated that they find that we need to do five lakes (6acres=1 lake) or more for a trend.

Chairman Morthorst stated that the water clarity and weed growth is low here but Round Lake is weed choked. Chairman Morthorst stated that there are an abundance of algae blooms this year.

Mike Adam stated that where there are no plants there is more algae and Round Lake has weeds.

Chairman Morthorst questioned whether zebra mussels have anything to do with this.

Mike Adam stated that it depends on the lake.

Jim Bland stated that as zebra mussels expand there maybe a change in the ecosystems.

Commissioner Williams questioned how to control the zebra mussels.

Mike Adam answered, don't get them in. He said that there is research going on and they have found that 20 lakes out of 260 have zebra mussels. He said that they are talking to the DNR and Marine Patrol.

Jim Bland stated that smaller lakes need to be tested. Chairman Morthorst suggested continuing monitoring Third Lake and maybe Druce.

Mike Adam stated that a private lab would work. First the Village should determine what we are testing for. The Village would need to do 11 tests and should except to pay \$15 to \$16 per.

Chairman Morthorst questioned whether there is grant money available for something like this.

Mike Adam said that LEAP and some others. Mr. Adam stated that the lakes report will be out in the fall.

Commissioner DeLacluyse questioned what he was looking at on the monitoring report and perhaps we should have an expert come out and look at it.

Jim Bland stated that is a trend analysis on Sentinel report.

Mike Adam stated that the aerators were down for awhile and they are trying to catch up. They should be up and running and provide better oxygen for the lake next year.

Commissioner Williams suggested adding another aerator.

Jim Bland said that the Village should go back to eco-systems or the inventor and talked to them.

President Beggan talked about the aerators and what was done to them this spring/summer.

Mike Adam said to talk to Dr. Cortland about what is going on, so that we can do it right next year.

President Beggan described what eco-systems did. He said that they put in a rubber diffuser. When they left the aerator was working. He said that the Village would need a new pump house if we were to put in another aerator.

Chairman Morthorst stated that we need to do what is best for the Village. Lakes Commission needs to give the Board a dollar amount and what we want to do and what we will do with the information; a trend analysis to show where we are going.

Jim Bland stated that he would like to see a lake day at the beginning of the year. Invite DNR and Lake County to educate residents about the lakes.

Commissioner Williams stated that we have to educate; people have the responsibility to follow the rules.

Chairman Morthorst stated that there is a grant available for lakeshore cleanup.

Chairman Morthorst stated that the rest of the agenda will be tabled until the next meeting in September.

6. Open to Floor - None

7. Adjournment

Motion by Williams seconded by Lori to adjourn the Lakes Commission meeting at 9:00 p.m.

Respectfully submitted,

*Patricia Began
Village Clerk*