

Lake Beulah

PROTECTIVE & IMPROVEMENT ASSOCIATION

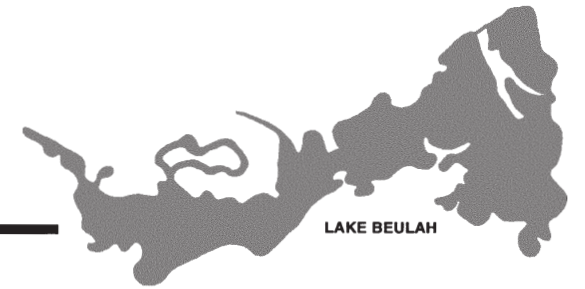


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Lake Views



VOL 14 NO 2

A PUBLICATION OF THE LAKE BEULAH PROTECTIVE & IMPROVEMENT ASSOCIATION

Fall 2006

From the President's Desk

On August 21st, 2006, the Village of East Troy Board awarded a contract to proceed with the development of Well # 7. "The award was delayed several months to allow for continuation of ongoing discussions with residents on Lake Beulah over an alternative well site," according to a recent Village Board press release. The press release said the Board decided to move forward with well # 7 after a test well on the Village's west side presented water quantity and quality concerns compared to the well # 7 site and the alternative site could be more costly and take longer to place on line.

At this point I'd like to make a couple of comments. First on behalf of our Association I want to express my sincere thanks to the three lake residents who dedicated their valuable time, expertise and monetary resources this past plus year in doing their utmost to find an alternative well site. Despite what the Village claimed in its decisions & releases, I have been informed that the alternate site was in fact a very viable alternate well site to well # 7 that would have served the Village water needs very effectively.

So what are we going to do now you might ask?

First you should know that on July 28th 2006, the Lake Beulah Management District (LBMD) and the Lake Beulah Protective & Improvement Association (LBPIA) as co- petitioner have filed a "Petition for Review" with the State of Wisconsin Supreme Court on the Opinion and Order of the Court of Appeals, District II dated June 28th, 2006 and the Final Judgment entered July 15, 2005 by the Honorable James L. Carlson, Walworth County Circuit Court Judge, Case Nos. 04-CV-683 and 04-CV-687. In short our petition argues that the Supreme Court should review the Court of Appeals' erroneous factual determination that the 2003 permit for well # 7 expired on September 5, 2005, and that DNR issued a new permit on September 6, 2005 which was clearly effective as of September 4, 2005, because it was granted for two years from that date. Simply put, an explicit two year extension of a permit with no gap in its effective

period cannot be later construed as a new permit when a new permit was never sought nor granted. Our attorney advises that we can expect a decision from the Supreme Court whether or not it will accept our case sometime in September or October 2006.

Second, senior hydrogeologist Bob Nauta from RSV Engineering has said the data from his watershed study of Lake Beulah, combined with the University developed ground water model shows a 25 % loss of groundwater discharge into the lake at its southerly end if the well is pumped at the projected 333 gallons per minute rate. The model simulates the water table at various depths during pumping and projects the water table will change eventually reversing the course of the groundwater system and pulling the groundwater flow toward new Village well #7. Nauta called this loss significant (not to mention the fact that this daily loss of nearly a half million gallons of valuable groundwater will end up in the Honey Creek watershed never to be seen again in the Beulah watershed). Nauta therefore recommends we continue and expand on our lake monitoring efforts including historical data, an analytical description of the water balance and water quality data, installation of a lake logger on the lakebed to measure temperature and additional monitoring of upstream lake inflows and outflows at the dam. He stresses the importance of

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LBPIA Fall Member's Meeting

Saturday, September 30, 2006 beginning @ 9:00 AM

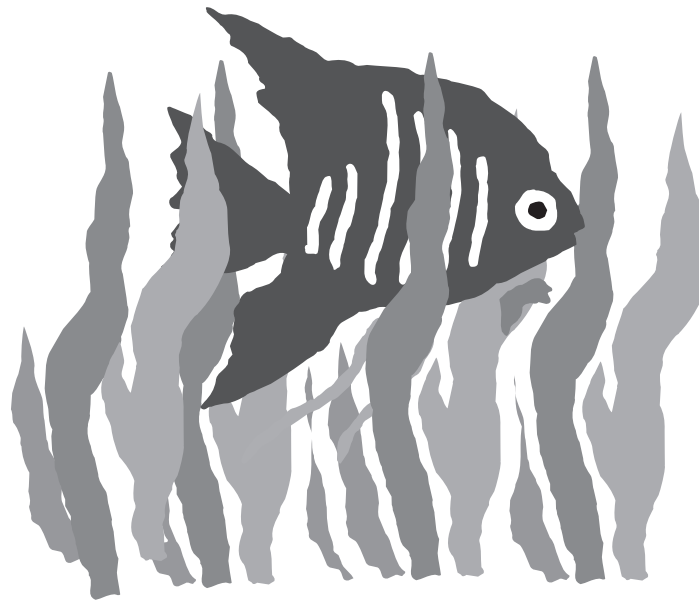
Town of East Troy Town Hall

N 9220 Stewart School Road, East Troy, WI

Key topics on the agenda: The usual coffee & donuts and good fellowship will be featured along with the latest status on critical topics facing the Lake Beulah Community.

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War on Weeds

David L. Nahrwold, M. D.

Commissioner, Lake Beulah Management District

Most of us think of weeds as ugly impediments to our enjoyment of the lake. They spoil our view and interfere with swimming and boating. But weeds are essential to the lives and well-being of fish, water insects, ducks, geese, muskrats, and many other water creatures. Naturalists refer to weeds as *aquatic plants* because they produce the oxygen that keeps the lake and its organisms alive, help to prevent shoreline erosion, and provide food for ducks, muskrat, and beavers. The firm roots of these plants also stabilize the bottom of the lake and prevent it from becoming a sea of mud. So without weeds we would be left with a dirty lake without fish or wildfowl. To maintain a healthy lake we need to strike a balance between our recreational needs and the lake's aquatic plant population. This is the goal of the Lake Beulah Management District's weed harvesting and chemical control program.

During the winter the District submits an application to the Wisconsin Department of Natural Resources (DNR) for an aquatic plant harvesting permit, required before we can remove weeds from the lake. In this submission we outline our plan for the summer. Subsequently, we receive formal approval from the DNR.

The District employs three persons each summer to manage aquatic plants. This summer, Stuart Alger, who now has six years of experience, has supervised Jason Cotter and Justin Prescott, who have worked for the

District's harvesting program for several years. They begin work in May by servicing the equipment, which is stored in the District's facility behind Diamond D's on Highway J. They then bring it overland to the launch area adjacent the seminary property, which also serves as home base for the weed harvesting operations during the summer. The equipment includes the barge-like harvester on which is mounted a cutting bar, much like that used to cut hay in a field, which can be lowered into the water to a maximum depth of five feet, and a conveyor belt which collects the weeds as they are cut and deposits them on the harvester. A transporter is used to move the weeds from the harvester to the launch area, where they are loaded onto a truck and taken to properties in the area, whose owners have requested them, usually for garden mulch. We are fortunate to have individuals who request this material; otherwise, disposal could be an expensive and onerous problem.

Our employees work eight hours each weekday. Last summer they removed approximately 588 cubic yards of weeds from the lake. We anticipate that this summer's yield will be similar.

The areas to be cut are determined by the density and types of weeds. An important goal is to control the growth of the Eurasian watermilfoil, a noxious plant that crowds

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From the President's Desk

Continued from page 1

and additional monitoring of upstream lake inflows and outflows at the dam. He stresses the importance of gathering as much information as possible before the new well goes online

I have invited Bob Nauta to join us at our annual fall members meeting on Saturday September 30th, 2006 and do his power point presentation on the watershed study and groundwater flow model and brief us on what we can expect and do as the Village proceeds with construction of well # 7 on the shores of Lake Beulah. We will have other important topics on the agenda for discussion with the members such as the status of the dam along with the usual camaraderie with fellow lake residents over coffee and donuts so mark your calendars for a 9:00 AM start at the East Troy Town Hall on September 30th.

Paul Didier

Lake Views is published periodically by the Lake Beulah Protective & Improvement Association. Every effort has been made to provide correct and accurate information. There is, however, no guarantee as to the total accuracy of information included. The opinions expressed are not necessarily those of the LBPIA Board of Directors. Individuals who wish to submit articles, artwork, poetry, calendar items or photography may send contributions to Lake Views Editor, LBPIA, P.O. Box 153, East Troy, WI 53120. Articles in Lake Views may be reprinted or reproduced for further distribution, with acknowledgment to the Editor.

Area Chair Network

September 2006

Area Chairpersons are committed Lake Beulah residents who serve as the primary contacts for the Association. Should you have an interest or concern about anything regarding the Lake, please be sure to contact your area chair.

Lake Beulah Area	Chairperson(s)
Country Club Lane & Austin Rd.....	Jane Tanis (642-9232)
Beulah Heights Road.....	looking for volunteer
Oakwood Lane & It's A Little Road.....	Jim Holtermann (642-3050)
Lake Road & Windy Way.....	Penny Clayton (642-3083)
Highway J & Millsite Road.....	looking for volunteer
Island Dr & Golden Way.....	Jean Maiwald (363-0829)
Brynes Lane & Romadka Park Road.....	Roy Gerloff (642-5213)
Horseshoe Lane & East Shore Road (to Beulah Park).....	Josie Midman (363-8892)
Beulah Park Road.....	Marge Harvey (642-5436)
East Shore Road & Thistle Lane.....	Joe & Marge Kelly (642-9026)
South Shore Dr. (to Humphrey Lane).....	Arlene Gull (642-7272)
South Shore Dr. & Humphrey Lane.....	Kathleen Taugher (642-3835)
Kings Parkway & Kings Lane.....	John & Bea Sonderegger (642-5716)
Pastime Lane & Grandview.....	Dr.-Bill & Maya Murphy (642-9837)
Wilmers Grove Rd, Wilmers Point Lane & Wilmers Landing.....	Brian Fons (642-9613)
Stringers Bridge Road, New Deal Ave. & West Bay Road.....	Michol Ford (642-5189)
Beach Road & Deerpath Road.....	looking for volunteer

COMMITTEES & OFFICERS of the

LAKE BEULAH PROTECTIVE & IMPROVEMENT ASSOCIATION

MEMBERSHIP - Chair – Jane Tanis

Membership expansion – Ron Anders, Ruth Rappold, Marge Harvey*

Area Chair – Ann Alger*

Member Lists and/or Directory – Judy Beren

INFORMATION & EDUCATION – Chair – Paul Didier

Lake Views (news letter) – Paul Didier, Ron Anders

Web Site – Jeanne Procell*

Educational Outreaches – Ruth Rappold, Ann Alger*, Jeanne Humphrey*

FISH & WILDLIFE – Chair – Dr. Scott Miller

Fish Stocking – Ruth Rappold

Other wildlife management issues

WATER QUALITY – Chair – Ron Anders

Dr. Michael Fehrer,

Dr. Scott Miller*,

James Holtermann*, Glen Kreinbrink* (historical)

Aquatic Plant Management - Judy Skotarzak*

Shoreline Management – (Audrey Green*–Walworth Co.)

Groundwater Study - Dick Dow (Lake Mgm't. District)*

STATE & LOCAL GOVERNMENT LIAISON –

Chair - Dr. Michael Fehrer

Interaction on Government & Property Development

Issues - Dr. M. Fehrer, Paul Didier, John Sonderegger*, Burt Shavitz*

Legislative & regulatory liaison – the LBPIA Board
Public Safety & Security – vacant

LONG RANGE PLANNING - the LBPIA Board of the Whole

OFFICERS OF THE LBPIA

President – Paul Didier

Vice President – Ruth Rappold

Treasurer – Dick Patterson

Secretary – Judy Beren

*Non-Board/Interested volunteer

For more information visit our website at www.lakebeulah.org

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Dr. Scott Miller
Chair: Fish & Wildlife Committee
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themill_wi@hotmail.com

Protecting Your Waterfront Investment – 10 Simple Shoreland Stewardship Practices

Simple Step #2:

Properly Dispose of Household Hazardous Wastes

by Adrey Green of Walworth County

Hazardous Household wastes are simply unwanted or unusable portions of household products that contain hazardous ingredients. If the label contains warnings such as “Caustic, Acid, Danger, Flammable, Warning or Poison”, you can be sure that you do not want to dispose of it by pouring it onto the ground or street because it will very likely end up in the groundwater or the nearest lake or stream. Gasoline, oil, solvents, old paints, thinners, fertilizers, pesticides, cleaners and many other products need to be disposed of properly.

There is a very easy answer for all of us that have any of these products sitting on the shelves in our basements and garages. The 2006 Household Clean Sweep program will be held on Friday, October 6 and Saturday, October 7. This program will allow you to bring a wide variety of products in for proper disposal.

2006 Household Clean Sweep

Collection Location #1

Open ONLY on
Friday, October 6
3:00 - 6:00 p.m.

City of Lake Geneva
Street Department Garage
1065 Carey St – Lake Geneva

Collection Location #2

Open ONLY on
Saturday, October 7
8:00 a.m. - Noon

Walworth County
Public Works Department
W4097 County Road NN - Elkhorn

Collection Guidelines:

- Before bringing a product to Clean Sweep, make every effort to use it up, or give it to someone who will use it as intended.
- Keep waste products separate, and in their original containers.
- Pack products carefully. Do not transport products in the passenger compartment of a vehicle. Place them in the trunk.
- Clean Sweep services are available to Walworth County households free-of-charge.

Examples of Items that should be brought to Clean Sweep:

Home Products:

- oven cleaner
- drain cleaner
- mildew cleaner
- Items that contain Mercury

Automotive Products:

- motor oil
- antifreeze
- fuels
- brake fluid
- engine/carburetor cleaner
- vehicle batteries
- transmission fluid

Pesticides / Herbicides:

- DDT
- 2,4-D
- ketone
- fungicides
- rodent bait
- Chlordane
- insecticides
- household fertilizer
- wood preservatives
- snail/slug bait

Workshop:

- varnish
- paint thinner/stripper
- stains
- adhesives
- oil & lead-based paints
- photographic chemicals
- turpentine
- swimming pool chemicals
- gun-cleaning fluids

Clean Sweep is sponsored by the Solid Waste Division of the Walworth County Public Works Department. Assistance and funding have been provided by the City of Lake Geneva, and the Wisconsin Department of Agriculture, Trade & Consumer Protection.

Additional funding for this program has been provided by the Town of Darien, Mallard Ridge Landfill Fund.

For More Information Please Contact:

The Solid Waste Division
(262) 741-3367
or e-mail:
jcline@co.walworth.wi.us

Clean Sweep Cannot Accept:

- radioactive materials
- ammunition or explosives
- compressed gas cylinders
- computer equipment
- unknown or unlabeled products
- biological, infectious, or medical wastes
- agricultural wastes
- tires
- Latex paint (Latex paint will not be collected, because it can be evaporated, and the dried material may be placed in the regular trash.

Special Target Material –
MERCURY -

& Exchange Program! Clean Sweep is targeting the collection of items that contain mercury. Mercury is found in fluorescent bulbs, rechargeable batteries, thermostats, ballasts & thermometers. Residents are encouraged to bring these items, and as many mercury fever thermometers as they have, to Clean Sweep.



Paddle Prattle

by Scott Miller, M.D.

Each year it seems that more and more people are using kayaks on Lake Beulah. Fall is possibly the best time of year to kayak on the lake. There isn't a better way to enjoy the fall colors and the cooler temperatures make paddling more comfortable, especially with a PFD on!

One of the projects that I'd love to try some day is to build a touring kayak for use on the lake. Since one of my many other hobbies is model ship building I decided to make a model of a Chesapeake Light Craft 17 foot kayak just to see if it could be done. This type of boat is built using a technique called “stitch and glue.” This means that the hull panels are cut out to an exact shape and then are “stitched” together with wire. These wires hold the boat together while it is coated in fiberglass.

I started out by sizing up a set of plans and cut out the hull panels. These were stitched together using tiny holes drilled along the seams of the hull. It was amazing to see the hull pull itself into the correct geometry as the wires were tightened up.

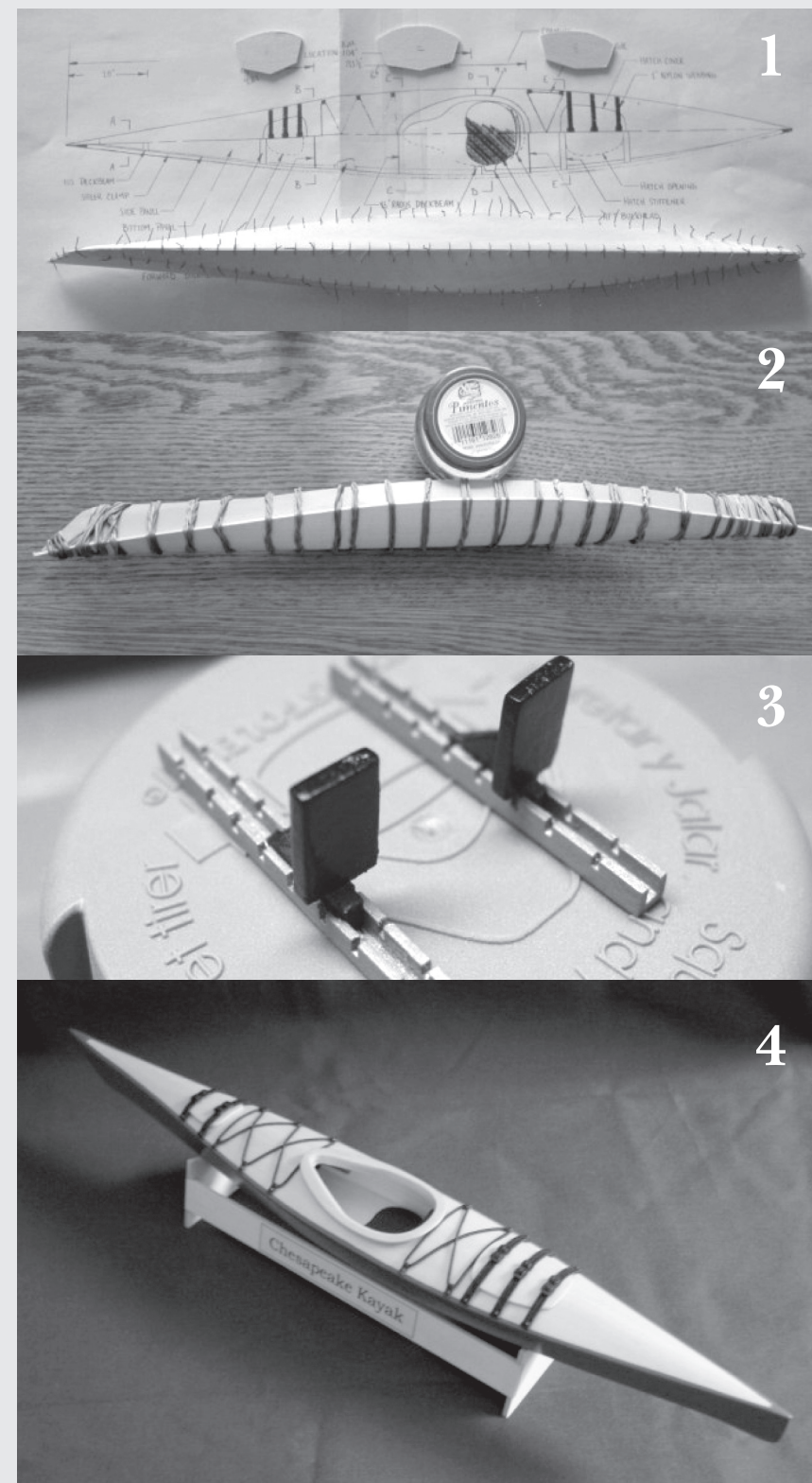
Internal bulkheads were added to stiffen up the hull and the deck was glued in place.

The cockpit was then cut in the deck and a seat and foot rests were added.

Lastly the hull was given an automotive like paint-job and the deck and hull were sealed with lacquer. Tie downs and deck hatches completed the model and a stand was built.

She now sits on the mantel opposite the canoe that was featured in the last paddling article.

See you on the lake!



War on Weeds



Continued from page 2

our good plants and can rapidly make areas of the lake inaccessible for boating and swimming. In general, we try to cut problem areas twice each season. Sometimes

homeowners notify us that the weeds in their areas are impairing their ability to swim and maneuver their boats, and whenever it is feasible and appropriate we respond as soon as possible. Wind and rain impair the harvesting program, as does breakdown of the equipment. Our harvester is now almost ten years old and will need to be replaced soon, an expense that will be in the \$200,000 range.

The harvesting process is cumbersome and slow because the machine is propelled and controlled by paddle wheels on either side. Sometimes not all the cuttings are picked up by the conveyor system, especially when it is windy, and they float down the lake despite our efforts to corral them. Harvesting ends in September, when the machinery is taken back to the storage facility and winterized.

Chemical treatment of lake areas affected by Eurasian watermilfoil is also performed during the summer. This process, highly regulated by the DNR, requires a permit, notification of the homeowners in and near the areas to be treated, and must be performed by a licensed professional. We treat no more than ten of the lake's 834 acres at one time. A DNR representative oversees the operation to ensure the safe and appropriate use of the chemicals. Unfortunately, it is not permissible to treat areas of Eurasian watermilfoil that also harbor non-noxious plants, so the treatment is necessarily incomplete. The efficacy of chemical treatment is debated, but on balance it is probably helpful when combined with regular harvesting.

In addition to the harvesting and chemical treatment programs, manual pulling and removal of Eurasian watermilfoil is an effective method of control. This is especially important in shallow areas and adjacent to piers and other structures that are inaccessible to the harvester. Homeowners can deposit the weeds on their piers and leave a message at (262) 363-5359 for our employees to pick them up in the District's johnboat. They are usually able to do this within a few days.

Just as sunshine makes the weeds grow in our lawns, aquatic plants grow rapidly during the summer when we have an abundance of sunshine. Clear water, perhaps facilitated by algae-consuming zebra mussels, allows the sun to reach plants growing on the bottom. The well-being of our lake, on which we depend for our pleasure, is a matter of controlling, but not eliminating, the growth of its aquatic plants.

Lake Beulah Management District Report

by Dave Skotartzak, Chairman

Hwy J Dam Update....The county has coordinated several successful meetings with the dam property owners and the management district. At this time we are waiting for flood plain data and a final written agreement between the dam owners, the county and the management district. I'm hopeful this will be finalized by the end of the year.

Weed Harvesting....There will be a second chemical treatment for eurasian milfoil early in September. This will be done on areas of the lake that were not treated earlier this summer. At this time, an assessment will be done on the milfoil population so we know which areas to target in the Spring of 2007.

Well No. 7....Although the district and the Protective Association are still in litigation with the village of East Troy and the DNR, the Village has signed a contract for the installation of well #7.

Our next meeting is....Monday September 25, 2006 at 7:00 pm at the East Troy Town Hall. We appreciate your attendance and input.

State Delays Plans to Kill Mute Swans

Article taken from the Milwaukee Journal Sentinel August 26, 2006 by Darryl Enriquez

Mukwonago - State plans to kill mute swans on Upper and Lower Phantom lakes are on hold at least through early next week as discussions continue about the measure that led angry residents to contact the governor's office on Friday for help.

A meeting between state Department of Natural Resources staff and lake-area residents ended suddenly Thursday night when the state's representatives walked out, saying that heckling from some of about 80 attendees prevented their answering questions.

The meeting was set up to inform residents about agency plans to shoot the birds, which are considered an invasive species and a nuisance. Many residents oppose that action, saying the birds are harmless and are often treated as pets.

The state is trying to reintroduce native trumpeter swans in the area, and the two species often clash, according to DNR wildlife experts.

Water Education Days 2006

On May 1st and 2nd, 246 5th grade students from the East Troy area participated in Water Education Days at Camp Edwards YMCA. This annual event is sponsored by the Lake Beulah Management District. Due to this generous education grant, Water Education Days is free for the local schools. The students learned about the importance of water in our everyday lives, especially the waters of Lake Beulah. The classes offered this year were Water Quality, Lake Study, The Fish of Lake Beulah, Wetlands, and Amazing Amphibians. This is a wonderful learning opportunity for the students that attend. Camp Edwards gives a huge thank you to the Lake Beulah Protective and Improvement Association and the Lake Beulah Management District for their continued support in Water Education Days.



Mark your calendars

for the
2007 Agents of Change
Wisconsin Lakes Convention
April 26-28, 2007

For more information, go to www.uwsp.edu/cnr/uwexlakes.com

Additional Contacts For Lake Residents

Town Chief of Police:

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N9220 Stewart School Road,
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