

**GREEN LAKE**  
**SANITARY DISTRICT**  
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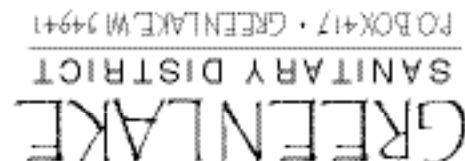
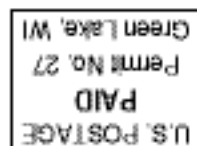
**Green Team Events for 2014**

Provided below is a list of Green Team Events for the 2014 Calendar year, the Green Team is a partnership comprised of multiple local organizations (i.e. Green Lake Sanitary District, Green Lake Association, Green Lake Conservancy and Green Lake Schools) and volunteers who donate their time and talents to enrich our local community through special events and environmentally friendly activities. The Green Team has been in existence and providing volunteer-based events since 2008. This year's events include:

Event Description	Date of Event
1. Earth Day Cleanup at Guskey-Miller Conservancy Property	April 19th
2. Bird Watching at the Sunnyside Conservancy Property	April 26th
3. Mitchell Glen Spring Tour (SPRING TOUR IS FULL)	May 10th
4. Buffalo Farm Tour	May 24th
5. Powell Springs Tour	May 31st
6. Big Green Lake Weed and Harvesting Program	June 21st
7. Kayak or Canoe the Puchyan River	July 19th
8. Winnebago Trail Walk	August 16th
9. Hickory Nut Syrup Program	September 20th
10. Mitchell Glen Fall Tour	October 11th
11. Falconry Field Demonstration	October 25th
12. Buckthorn and Conservancy Land Field Work	Saturday Mornings (8-11am) In September, October & November

Feel free to contact any of the four local organizations listed above for more specific times and other details. The members of the Green Team Partnership can be reached at the following numbers: the Green Lake Sanitary District (920-295-4488), the Green Lake Conservancy Foundation (920-294-3592), the Green Lake Association (920-294-6480) and Green Lake Schools (920-294-6411). ❖

**FIRST CLASS MAIL**



**What's Happening with our Lake Management Plan (LMP)**

The calendar year of 2013 will best be remembered for completing our LMP and writing multiple grants for various lake protection and improvement activities. We are pleased to report that virtually all of our grants were approved and our team has begun to implement key Strategies and Solutions as outlined in our LMP. For a recap of our LMP, refer to the link below:

<https://docs.google.com/file/d/0B5Q-O00Y3148YVVKVkJcFVMVDA/edit?usp=sharing>

Over \$2 million dollars will be spent over the next 3 to 5 years on the LMP protection and improvement activities described in more detail by clicking on our LMP link above. Provided below is a brief summary of the main LMP activities targeted for implementation in 2014:

1. Over 40 Best Management Practices (BMPs) costing more than \$400,000 will be implemented in our watershed during 2014, examples include: grade stabilization structures, grassed waterways, terraces, sediment basins, stream bank restoration and protection practices, and many more. These BMPs will reduce Phosphorus (P) loading to the lake by 500 to 1,000 pounds per year which represents approximately 5% of the lake's total annual P load.

2. Restoration of the County K Estuary – Our team expects to spend between \$25,000 and \$50,000 toward the restoration of this shallow water system. The majority of funds will be targeted for payment to our lake's commercial carp fishing group to be paid as a subsidy based on the pounds of carp taken during the main spawning season (month of May). By aggressively removing carp before the main growing season, we believe we can provide the native seed bank the opportunity to re-establish desirable plant growth without the threat of massive numbers of carp destroying their



Restoration of the County K Estuary

chances to grow unabated. The restoration of this estuary is projected to reduce our lake's P load by 1,000 to 2,000 pounds annually which represents approximately 10% of the lake's total annual P load.

3. Silver Creek and Dakin Creek Monitoring Project – The Wisconsin DNR submitted a funding request to pay for an extensive monitoring project on these creeks. Over ten sites will be monitored monthly May through October for both Total Phosphorus (TP) and Total Suspended Sediment (TSS). The data collected as part of this project will help us to pinpoint problem areas originating over in FDL County and bringing unwanted polluted runoff to the lake. Obviously, in the near term, this will not reduce our lake's P load; however, this data/information will be critical down the road (next 3 to 5 years) in helping us to target "problem areas" so we can maximize our limited BMP funding dollars to those areas that are most in need.

4. New Second Aquatic Plant Harvester – In January of 2014, we ordered our second aquatic plant harvester and the delivery date has been set for May 2014. The new harvester will cost \$150,000 and will be paid for by three different sources: first source of \$60,000 was obtained through a Wisconsin Waterways Grant written by the GLSD, the second source of \$30,000 was obtained through our local lake partners (City of Green Lake, Green Lake Association, Town of Brooklyn, Town of Green Lake, Sunnyside Homeowners Association and the Green Lake Chamber of Commerce) and the third source of \$90,000 was obtained through GLSD property taxes. Both harvesters are projected to remove in excess of 3,000,000 pounds of aquatic vegetation every summer which translates into approximately 500 to 1,000 pounds of P or another 5% of the lake's total annual P load.

5. AIS Treatments and Related Activities – Both Beyers Cove and the City Millpond will be chemically treated for Aquatic Invasive Species (AIS) in the Spring of 2014. The Silver Creek Estuary received a partial chemical treatment in the Spring of 2013 and a second, and more extensive treatment, is planned for the Spring of 2015. These chemical treatments will go a long way toward removing large quantities of invasive plants such as Eurasian Water Milfoil and Curly Leaf Pondweed. The majority of these chemical treatments will be paid for through an AIS Control Grant written by the GLSD in 2013, we project these treatments to have a small impact (less than 5%) on actual P reduction due to the invasives being eliminated before they get a chance to grow, breakdown and eventually decompose in the lake.

6. Updated Lake and Watershed Models – Although these computer generated models do not have a direct impact on reducing P going into the lake, they do allow us to measure the effectiveness of our LMP Strategies and Solutions over time. By running these models in 2014, we can re-establish our baseline information prior to the implementation of most of our LMP activities. By 2019, we will be able to rerun our models and begin to see the improvements in key lake indicators (Total Phosphorus, Chlorophyll a, Secchi, etc).

**What Does This All Mean? By implementing the Strategies & Solutions outlined on page 1, we are dramatically reducing the amount of Phosphorus draining into our lake each and every year. Phosphorus is the primary nutrient causing us the most problems, we need to greatly reduce it from running off into our lake. The protection and improvement activities outlined on page 1 will translate into a much healthier lake with improved water quality (cleaner and clearer), improved oxygen levels (better for fish, plants and wildlife), more enjoyment for recreational activities (swimming and other water sports).**

## 2014 Spring Cleanup

The Green Lake Sanitary District's Annual Spring Cleanup will be held from Saturday, May 24, 2014 through Saturday, May 31, 2014. Garbage containers will be available at the GLSD Wastewater Treatment Plant (located at N5295 County Highway TT in the Town of Princeton) during the dates and times specified below.

The garbage containers will be located within the Wastewater Treatment Plant Facility fences and identification of being a GLSD property owner will be required (same rules as last year). The containers will be available for garbage drop off from 8 am until 3 pm for the following days: Tuesday (5/27/14), Wednesday (5/28/14), Thursday (5/29/14) and Friday (5/30/14). The containers will also be available for garbage drop off from 8:30am until noon for the following days: Saturday (5/24/14) and Saturday (5/31/14). Most trash will be accepted as well as scrap metal and yard waste. Hazardous materials such as used oils, paints, batteries, tires, microwaves, recyclables and appliances containing fluids etc. will not be accepted.

Because of the law that went into effect in September 2010 electronic waste WILL NOT BE ACCEPTED. Below is a list of the items that will not be accepted:

Television (any size), desktop or laptop computers, mice, keyboards, any computer cables, computer speakers, desktop printers, CD players, DVD players, VCRs, DVRs, and other video players, CPUs, monitors, fax machines, scanners, video recorders/players, video game consoles, zip drives, hard drives, external modems, copy machines, fluorescent light bulbs.

The City of Princeton will be collecting E-Waste on May 12 from 9am to 1pm, please call the City of Princeton Clerk's Office for more information 920-295-6612. You do not have to be a City resident to take advantage of this event.

If you have any type of hazardous waste materials (i.e. chemicals, paints, etc) that you want to dispose of properly, Green Lake County Land Conservation (920-294-4051) will be holding a "Clean Sweep" on August 8, 2014, this event will run from 11am through 6pm. Please contact Green Lake LCD for more information.

For the tenth year in a row, we plan to provide an area set up for Reusable Items. If you have gently used items that are not ready for the landfill, we will accept them and donate them to people and organizations that can reuse them.

If you are unsure about an item, contact the District Office at

(920) 295-4488 between 8am and 3pm for clarification.❖

## Aquatic Plant Harvesting

During the Summer months (between Memorial Day and Labor Day) the GLSD operates an Aquatic Plant Harvesting Program referred to as its "Aqweed Program".

Provided below is a general outline of the Aqweed Program including some specifics on what property owners need to do if they are interested in participating in the Aqweed Program:

- Riparian owners on Big Green Lake as well as 3 critically connected water bodies (Silver Creek Estuary, Beyers Cove and the City of Green Lake Millpond) are also harvested in addition to the main lake.
- With the PURCHASE OF OUR NEW SECOND HARVESTER this summer, our goal will be to make 6 trips around the lake this summer as opposed to 3 trips in past summers.
- If your property was harvested last year, then you are on the GLSD's harvesting list for 2014. You will be mailed a pink ribbon in the next few weeks to attach to your property (i.e. pier, etc). If you would like to be removed from the harvesting list for 2014 or if you would like to be added, then please email the GLSD office at [paulettej@glakesd.com](mailto:paulettej@glakesd.com) to inform us of your request (Add, Remove, etc). If email is not available to you, you should either call our office at 920-295-4488 between the hours of 7:30 am to 4:00 pm M-F or mail your request to us at the Green Lake Sanitary District, P.O. Box 417, Green Lake, WI 54941.
- Our current system for marking properties will continue to be the placement of a "pink florescent ribbon" on your dock or some other structure to let our operators know which properties to harvest as they move around the lake. If you misplace your ribbon or it gets removed by mistake, feel free to contact our office (prefer email to [paulettej@glakesd.com](mailto:paulettej@glakesd.com)) to have another ribbon sent to you.
- Big Green Lake has a DNR mechanical harvesting permit that allows for aquatic plant harvesting in specific areas of the lake, estuaries and the millpond. The WDNR allows harvesting only in areas that are identified in the permit. Specifically, harvesting is allowed where over-abundant aquatic plants exist that hinder recreational activities (boating, swimming, fishing, etc.). Additional harvesting areas can be added to the existing permit if a true navigational impairment exists.
- Wisconsin DNR restricts cutting of each riparian property to a MAXIMUM width of 30 feet running perpendicular to the shore line. Generally, most property owners designate their 30 feet either in their preferred swimming area or adjacent to their pier. Cutting an area wider than 30 feet can be done if the property owner chooses to contact the DNR and get a special permit.
- Although the majority of funding for the Aqweed Program is through the GLSD, the program also receives financial support from the City of Green Lake and the Green Lake Association (GLA). We would like to thank the City and the GLA for their continued support.
- Please Be Patient and Courteous - the Aqweed harvesters operate at a speed of less than 3 mph and need to harvest over 30 miles of shore line on each pass going around the water bodies identified above. The Aqweed Program crew consist of college students working throughout the summer months, these young people have been trained and instructed to be thorough, but also to put a premium on safety. Safety means keeping their distance from shallow areas (depths of less than 2 feet to avoid damaging the harvester) as well as property owner's structures (piers, boat lifts, rafts; especially inflated rubber rafts).

SPECIAL EVENT – PLEASE MARK YOUR CALENDARS FOR SATURDAY, JUNE 21, 2014 – The GLSD in conjunction with its Lake Partners (GLA, WDNR and AIS Coordinator) will be sponsoring an educational plant harvesting demonstration event. This event will provide participants with the opportunity to learn more about the details of aquatic plant harvesting as well as the opportunity to ask questions from the Aqweed Program sponsors. See a more detailed description of this event below:

## Green Lake Aqweed Informational Presentation

June 21, 2014

9 A.M. – 11 A.M.

## Deacon Mills Park/Boat Landing

Do you have questions about Green Lake's weed harvesting program? Maybe you would like to know more about how the harvesting boat works and what it actually does. How does the Wisconsin Department of Natural Resources play a role in the Aqweed program? Did you know that zebra mussels contribute to the growth of aquatic plants?

To learn more about the Aqweed program, the permitting process, see the actual harvester, and learn facts about the lake, plan to attend this very informational presentation. A harvest boat will be on hand for discussion and demonstration. The Green Lake Sanitary District's Charlie Marks will discuss the program and changes for 2014. Wisconsin Department of Natural Resources Water Resources Management Specialist, Ted Johnson will present permit information. Green Lake Co. Aquatic Invasive Species Coordinator, Chris Hamerla will explain issues and benefits of aquatic plants and the role zebra mussels are playing within Green Lake. Take advantage of this great opportunity to learn the facts about the Aqweed program and learn more about your treasured Green Lake.

## FYI...for your information

**Winter Freezing Issues** – We have obviously just experienced one of the coldest winters on record. Frost levels hit record depths in certain areas (i.e. under pavement, under paved roads, etc) and most utilities experienced some freezing problems. Furthermore, when buildings are unattended for extended periods with only minor water/wastewater running through sewer laterals, we have created ideal conditions for frozen lines. Our suggestion is to make sure you discuss your particular building situation with your plumbing contractor to go over your options when dealing with a really harsh winter. For example, you may want to shut your water off if you don't use your property during the winter or you may want to have a trusted friend stop in on a regular basis to run some water just to make sure everything is working properly.

**Green Lake Fishing News** – On April 9, 2014, the DNR, GLSD and fish volunteers took over 25,000+ Lake Trout from our Fish Rearing Facility (FRF) and stocked them into Big Green Lake. Once again, the majority of these released fish ranged in size between 9 and 11 inches. The reason for growing the Lake Trout all Winter is to stock bigger fish into the lake in the Spring, the bigger the fish, the better their chances for survival.

None of the Lake Trout stocking would be possible without the continued support of the Big Green Lake Fishing Partnership. Besides the GLSD, our part-

ners include: City of Green Lake, Green Lake Association, Green Lake County, Fishing Guide Mike Norton, Citizen Volunteer Steve Siders, Walleyes For Tomorrow and the Wisconsin DNR.

**Educational Partnership** – The GLSD and its educational partners are working on a variety of interesting lake related protection and improvement activities during 2014. Examples include: digging and raising purple loosestrife beetles for release around the lake, maintenance and improvements on a number of our conservancy properties, restoration work on lake shorelines as well as other projects.

**Garbage Reminder** – Garbage is picked up on Monday mornings, except for the Holiday weekends. This Summer: In May, garbage will be picked up on the Tuesday (5/27/2014) the day after Memorial Day. In July and August, garbage will be picked up on ALL Mondays. In September, garbage will be picked up on Tuesday (9/2/2014) the day after the Labor Day Holiday. If possible put your trash out on the morning of pickup by 7am. If you have to leave before that, spray the inside of your garbage bags with an ammonia/water mixture to discourage animals from creating a "garbage mess". Recycling for property owners signed up is the first Monday of the month, except if a Holiday weekend, then see Tuesday dates above.

## Name, Address, Marital Status Changes

As an ongoing reminder, please notify our office of changes in your property status (i.e. owner, address, etc). Mail and E-Mail is our most effective way to keep in touch with you and keep our records accurate. Emails should be sent to [paulettej@glakesd.com](mailto:paulettej@glakesd.com) and Mail should be sent to P.O. Box 417, Green Lake, WI 54941.

**Sewer Related Work** – If you are involved in or planning a building project in a sewer area, please contact the GLSD Office (920) 295-4488 for permit and inspection related information. Please remember that new homes as well as newly created lots in sewer areas are assessed for sewer, please call our office at (920) 295-4488 if you have questions.