



LAKE PEWAUKEE SANITARY DISTRICT

APRIL 2023

Visit us on the web at www.lakepewaukee.org

NATIVE PLANT SALE

The 17th annual native plant sale, sponsored by the Pewaukee River Partnership, will be a **PREORDER PLANT SALE ONLY** and pickup will be in the Village parking lot across from the Village Police station and next to Noah's Pizza on Oakton ave. These are the plants we want to see around the lake. They are ideal for the perennial garden, shoreline buffer or rain garden as well as habitat for fish spawning. Over 30 species are available. **You must fill out and return the form to Charlie to get your plants ordered. This year will again be a drive through only for pre-ordered plants, sorry no plant stand for browsing or last minute shopping.** A complete plant list may be viewed on this site: www.pewaukeeriver.blogspot.com
All plants will be \$2.75 each. All proceeds will be used to promote education and restoration projects within the watershed.

The Walleyes for Tomorrow Pewaukee Chapter will be working on the Meadowbrook Creek Streambank Stabilization project and is looking to plant over 1,000 Native Sedges, should anyone want to donate plants or come help volunteer on the project we will be working on the creek on April 22nd - Earth Day this year. You can help physically or financially by donating to the Lake Pewaukee Sanitary District "Wetland Fund."

LAKE OPERATIONS

The ice went out early this year, so typically that meant the aquatic plants will get a jump start. It will be very interesting to see if the Eurasian Water Milfoil will come back or if the Wild Celery has taken over the seedbank. The "under the ice conditions" showed very little aquatic vegetation over the winter. In fact, the ice fishing folks were struggling to find aquatic vegetation to fish. Find the vegetation and you find the fish has been my motto for the last 3 winters.

We may do one round of pile pick up (which is usually left-over aquatic plants that washed up after ice-out) with some part time help but regular scheduling of pile pick up will be closer to May 15th. This has become a very well used service with the number of residents stacking weeds increasing every year. We would like to thank all those that participate since this makes our regular shore cleanup more efficient.

While we may start some early harvesting (pending on vegetation), full operations with both harvesting and regular shore cleanup will begin when our students arrive around the 2nd and 3rd week in May.

LAKE EMPLOYMENT OPPORTUNITIES

We are currently hiring seasonal summer employees to run equipment and remove aquatic plants. We are looking for people to start as early as May 15th and work through October 31st. While we work a little with college schedules, we want full time seasonal folks who have a good work ethic that can stay until college starts back up. We are starting employees at \$14.00/hr and it's historically been called "the best job you'll ever have." Hours are 7 a.m. - 3:30 pm Mon-Friday. Applicants must be 18yrs of age. Call 262-691-4485 for more details.

WHAT IS I AND I?

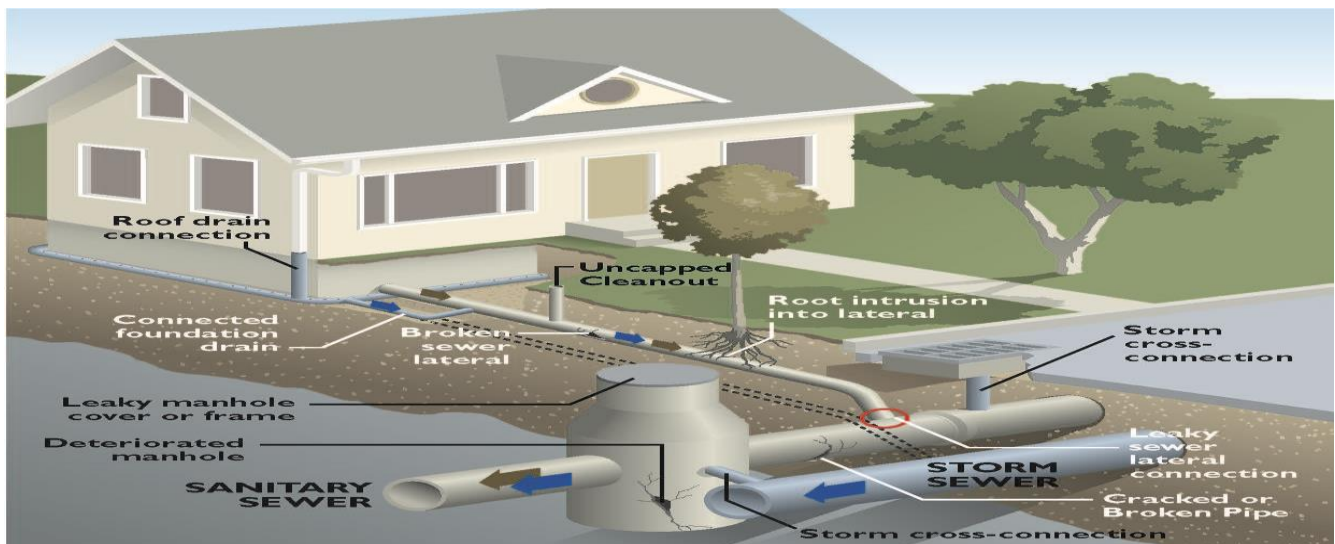
You may have seen newspaper articles that talk about increased flows during storm events in the surrounding area. One of the major contributors to increased flows is illegal sump pumps connected to the sewer. The other is known as **I and I** and since this is a recurring problem, here is a reprint of an explanation from several years ago.

The quarterly sewer user charge that this newsletter arrives with is used to help pay the operations and maintenance costs. A major component of those costs is sewage treatment charges at Brookfield that we pay based on a per thousand-gallon rate. There are two things that can drive up that cost of treatment. They are known collectively as **I and I**. The first I stands for **inflow**. This is primarily stormwater that enters the system through manholes at the covers or frames, broken clean outs, roof drains and sump pumps illegally connected. Be aware that the District is doing a sewer study to determine where these illegal connections are located. This is one of our biggest inflow sources and issues with the private plumbing in the City of Pewaukee. Plumbing inspections are coming to your homes in the future and requirements to correct these issues will be enforced.

The second I stands for **infiltration**. This is groundwater that enters the system below grade through cracked or broken pipes in the mainline sewer or private laterals. Since it is flowing in and mixing with the sewage flow, it is more difficult to determine where it is coming from. We need to have the sewer system televised during the wet weather months to verify exact locations of the infiltration so it can be immediately repaired. Be aware of trucks and sewer staff showing up and walking the sewer line and easements as we have been increasing the amount of sewer pipe being televised this year and the next few years. This will be a common practice every year so we can find and seal any leaks as well as plan for any major rehabilitation needs.

Is it worth it? One small leak of three gallons per minute running for 24 hours a day adds the same amount of flow as 15 average homes! The cost of that flow has to be paid for by all the residents of the District. If left unchecked, infiltration can end up costing a third or more of your quarterly user charge. Not only is it worth it, but it is also absolutely necessary to properly maintain a sewer system.

Below is a house with illegal connections causing major sewer infiltration and inflow issues costing everyone in the District money! A Sump pump discharging into your laundry tubs or sewer pipe (not shown below) is one of the biggest issues we have.



Help us help you keep the cost of our sewer services down.

Remove illegal sump pump connections. Disconnect illegal roof drain connections. We will fix our leaks in the main lines and together we can reduce costs of wastewater treatment.

For more questions on sewer leaks and connections or to apply for a lake operations job contact the Lake Pewaukee sanitary District at 262-691-4485, email us at LPSD@lakepewaukee.org or go to our website at www.lakepewaukee.org