

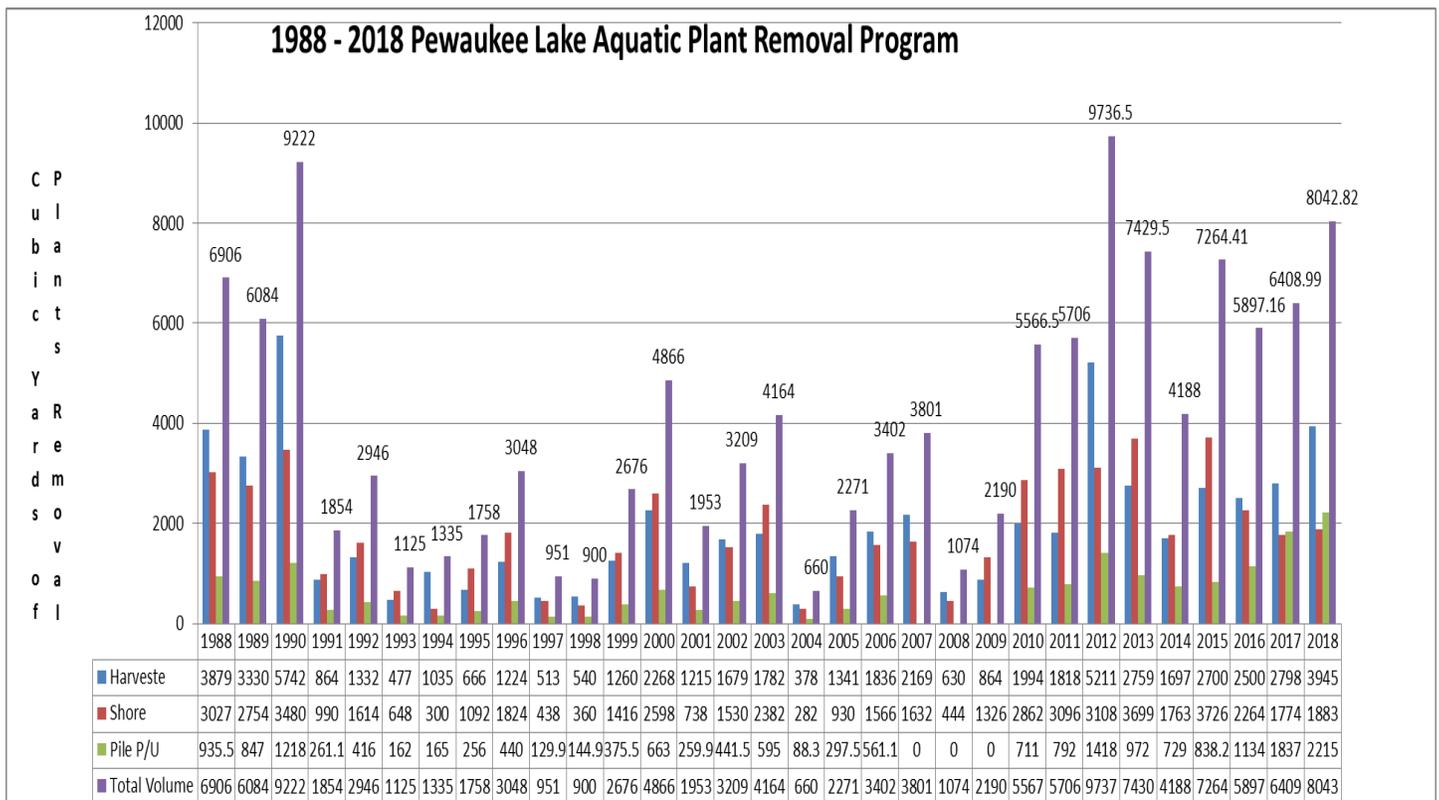


HAPPY HOLIDAYS AND A PROSPEROUS AND HEALTHY NEW YEAR TO ALL!

LAKE CLEAN UP SUMMARY

It was once again a fair year with the aquatic plants on the lake. Clean-up crews worked through October cutting, picking up shorelines and doing pile pick up. Below is a chart that shows the volume of aquatic plants taken out of the lake over the years and how this last year compare's to the previous years and cycles.

The total volume of aquatic plants removed from the lake equates to 8042 cubic yards. Below is a graph of the volumes of aquatic plant removed over the past 30 years. The tallest spikes are the combined volumes of all the methods of the districts removal operations (the harvesters, shore barges and pile pick up).



In the last few years we stepped up our Harvesting and aquatic plant removal program. If we take the previous 23 years recorded and find the average volume and compare it to the last 8 years you'll find that we have actually doubled the volume of aquatic plants being removed on an annual basis. I think the lake shows this improvement.

The Lake Levels and the Dam

The Lake Pewaukee Sanitary District doesn't control the Dam, it is the responsibility of the Village of Pewaukee's DPW director/Engineer. The District however is very vocal about maintaining the proper levels and advocating the adjustments daily if necessary. This district has initiated changing some of the dam order document to reflect the

up-to-date dam construction and the heavier use of the lake. Maintaining proper levels avoids piers floating away, boats floating off lifts or getting stuck on lifts as well. Adjusting the dam to protect against damage from ice heaving and adjusting to alleviate slow no wake or higher elevations that can affect homes and sanitary sewer back-ups is the Districts highest priority. Our goal is to simply maintain the Winter and Summer levels very closely and avoid the Slow-no-Wake levels (or any higher level) to the best of our abilities by adjusting the Dam daily if necessary.

SEWER SYSTEM

USER FEE SLOWLY RISES WITH THE COST OF LIVING

The new rate for our quarterly sewer user fee will be \$115.00 starting with the April 1st 2019 billing. The user fee covers the operations and maintenance of the sewer. These costs to the district continue to rise and it is not in our control - the price of parts, pumps, transfer switches and generators simply continue to rise as well as construction costs. Several pumps have been replaced as well as some internal piping inside the wet wells that have corroded over the past 35 years. Several more stations need to be done over the next few years. Generators are in need of replacement mostly due to not being able to find parts for the older ones that aren't made anymore. The generator housing units that were made of fiberglass are deteriorating and in need of replacement. Several have been done, some are being done this year and a few need to be done over the next few years.

The District owns and maintains 14 lift stations around the lake. These lift stations allow the sewage to flow by gravity to a wet well (8 foot diameter manhole structure and typically 25-30 feet deep) then the lift stations lift the sewage up by pump which discharges to a shallow manhole (approximately 6 feet deep) and then it allows the sewage to flow by gravity again (collecting all the house laterals along the way) until it reaches depths of 25 feet and then it enters another wet well 30 feet deep. The sewage continues this up/down flow until it reaches the Brookfield Treatment Plant officially called the Fox River Pollution Water Control Center.

Yes, all our sewage around Pewaukee Lake travels all the way to Brookfield. The District has to pay a percent of the operation and maintenance of the Brookfield facility. The District also has to pay for station number 1 in the Village of Pewaukee which pushes the flow toward Brookfield. All these facilities cost a lot of money to maintain and operate which further explains the quarterly user fee.

Remember - Don't throw rags or cleaning towelettes into the toilet, it clogs pumps and cause costly maintenance that we all pay for. Help keep our rates down, don't flush anything except toilet paper!!

Employment – Summer Lake Crews

Lake Pewaukee Sanitary District will be looking to hire enthusiastic people to help with the lake operations this next year. The temporary summer employees work from early May until the end of August. The shift starts at 7:00 a.m. and ends at 3:30 p.m. with opportunities for overtime depending on lake conditions. Applications for the seasonal help will be accepted for review starting any time after January 1st, 2019. Applicants must be at least 18 years of age.

We also have a need for some temporary help that could start earlier and work through October. Call Rita at (262) 691-4485 for more information.

For more information go to: www.lakepewaukee.org