

LAKE PEWAUKEE SANITARY DISTRICT



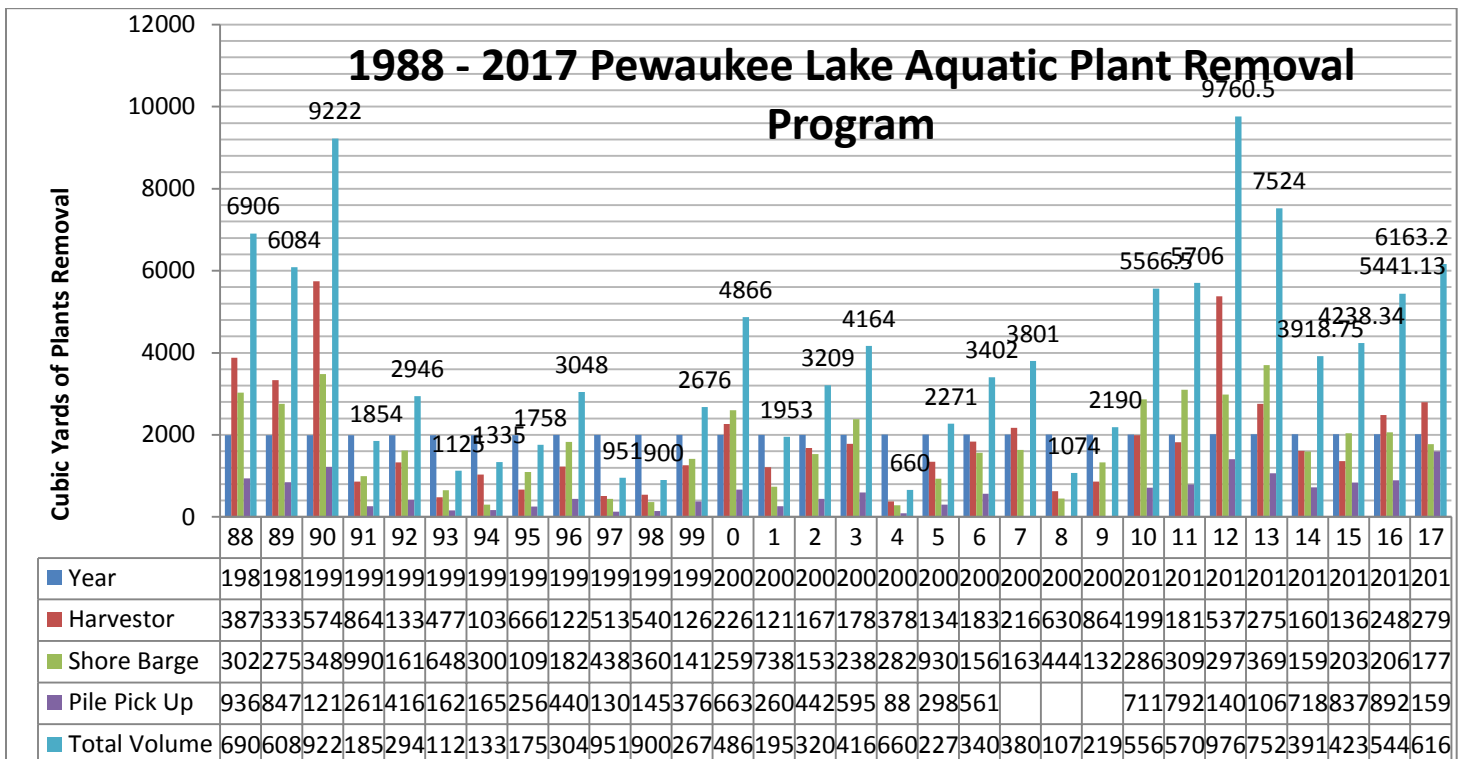
JANUARY, 2018

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

LAKE CLEAN UP SUMMARY

It was fair year with the aquatic plants on the lake. Clean-up crews worked through October cutting, picking up shorelines and doing pile pick up. We have included 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 6163.2 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). Due to the large size of data on the chart, I identified the total volumes on the top of the bars for clarity (the volumes won't fit in the little squares under the graph). The years are from 1988 to 2017 (noted as (88, 89...17).



In the last few years we stepped up our Harvesting and aquatic plant removal program. If we take the previous 22 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.

SEWER VENTS AND BAD SMELLS

You may have read this before but it is the time of year we normally receive several calls about sewer smells inside houses. Homes are protected from this odor by the U shaped traps that are present on all the drains and toilets in the house. These traps must be full of water to provide this protection. With the heat on in the winter an unused drain such as a basement floor drain or utility tub may simply dry out. The solution to this problem is to pour some water in these drains periodically to keep the trap full.

Another solution is to add cooking oil?!...Fill the P-trap with water. Then pour a thin layer of cooking oil onto the water to keep the water from evaporating.

Under every drain in your house, there's a trap that holds water and prevents sewer gas from flowing up into the air you breathe. But if you have a shower that's been abandoned since the kids moved out or a floor drain that never gets used, the water in the trap can eventually evaporate. That lets in stinky—or even dangerous—sewer gases. The solution is a few ounces of cooking oil. Dump a bucket of water down the drain to refill the trap. Then add the oil. The floating oil forms a seal over the water and prevents evaporation.

The term “sewer gas” is generally used in describing the odor people smell if a trap dries out. The actual gas may be made up of a number of different components, some of which may be hazardous.



Visit the website Plumbingtraps.com and learn more.

Please remember, if you suspect a problem in your home, do not hesitate to call a plumber to correct the situation.

USER FEE IS UP

The new rate for our quarterly sewer user fee will be \$112.00 starting with the April 1st 2018 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 are in dire need of being replaced as well as some internal piping inside the wet wells that have corroded over the past 35 years. The pumps have been in operation for 35 years so we have been fortunate as some pumps are considered to have a 20-25 year useful life. Several bolts were literally pushed out with a screw driver as the nuts have disintegrated. Unfortunately time and brutal conditions takes a toll on everything.

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, 2018. 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.