

**DELAVAN LAKE SANITARY DISTRICT
ADMINISTRATOR'S REPORT
NOVEMBER ACTIVITY 2017**

ADMINISTRATION

Brown's channel implementation plan is completed and all costs and plan details are submitted to the DNR. For final approval and reimbursement the DNR will require the stream bank erosion addressed in 2018.

2018 Budget is set. ERU rate is increased to \$38 to offset anticipated costs in sewage treatment costs and to continue efforts to refurbish or replace aging infrastructure. The budget was also adjusted to compensate for the 4th harvester seasonal crews needed to operate.

Crews have been busy sewer cleaning along with televising as problems are discovered. Property owners with illegal connections or lateral leaks and failures will be properly notified as they are discovered. Sewer main lining will be scheduled for December for a failing section of sewer pipe around Tilden Lane.

Lift Station #2 project is starting up the first part of December. It is anticipated that the station will need to be bypassed for up to 6 weeks while piping and wet well work is going on.

Laser flow metering in the DLSD interceptor sewer located in the wetlands will be put in place to assist staff with monitoring for infiltration and also verification of flows heading into WalCoMet's Sewer system sometime in early 2018.

Harvesters are beginning their breakdown for repairs and maintenance throughout the winter months.

Harvester number 4 has been ordered with anticipated delivery in 2018.

DLSD is researching additional equipment to assist with skimming algae, floating weed mats, duck weed and possibly help with maintenance sediment removal.

The Shores of Delavan Subdivision proposed sewer installation is in for review and looks like a promising project for 2018 and 2019.

SEWER SYSTEM OPERATIONS

Building Sewer Connections

New Connections for the Month - 1
Reconnections for the Month – 0
Disconnections for the Month – 1
Total Number of Structures Connected to Date – 3,097
Total ERU Count for the Month – 4,009

Operation and Maintenance

Average November Daily Wastewater Flow to WalCoMet – 464,696 gallons
Peak November Flow – 535,768 gallons
Diggers Requests Marked for the Month – 66
Emergency Call Outs – 1

The following charts are attached: *Wastewater Flow comparison with Precipitation for November, 2017*
Average Daily Wastewater Flow comparison with Peak Flow
Precipitation comparison with “normal”
Wastewater Flow comparison with “normal”
Environmental Data Summary
Daily Lake Elevation for November, 2017
Lake Elevation comparison with “normal”

Lake Monitoring/Lake Level

Precipitation Total for the Month – 1.42 inches
Below Normal – .82 inches
Ice Off Date – February 24, 2017
Secchi Disc Reading Main Lake – 7’ 5” feet on 11/16/17

See attached Lake Elevation Graph and Chart.

Lake Information

DNR Lake Level Goal – 927.86 feet
Average Lake Elevation – 927.58 feet
Number of Dam Inspections – 30

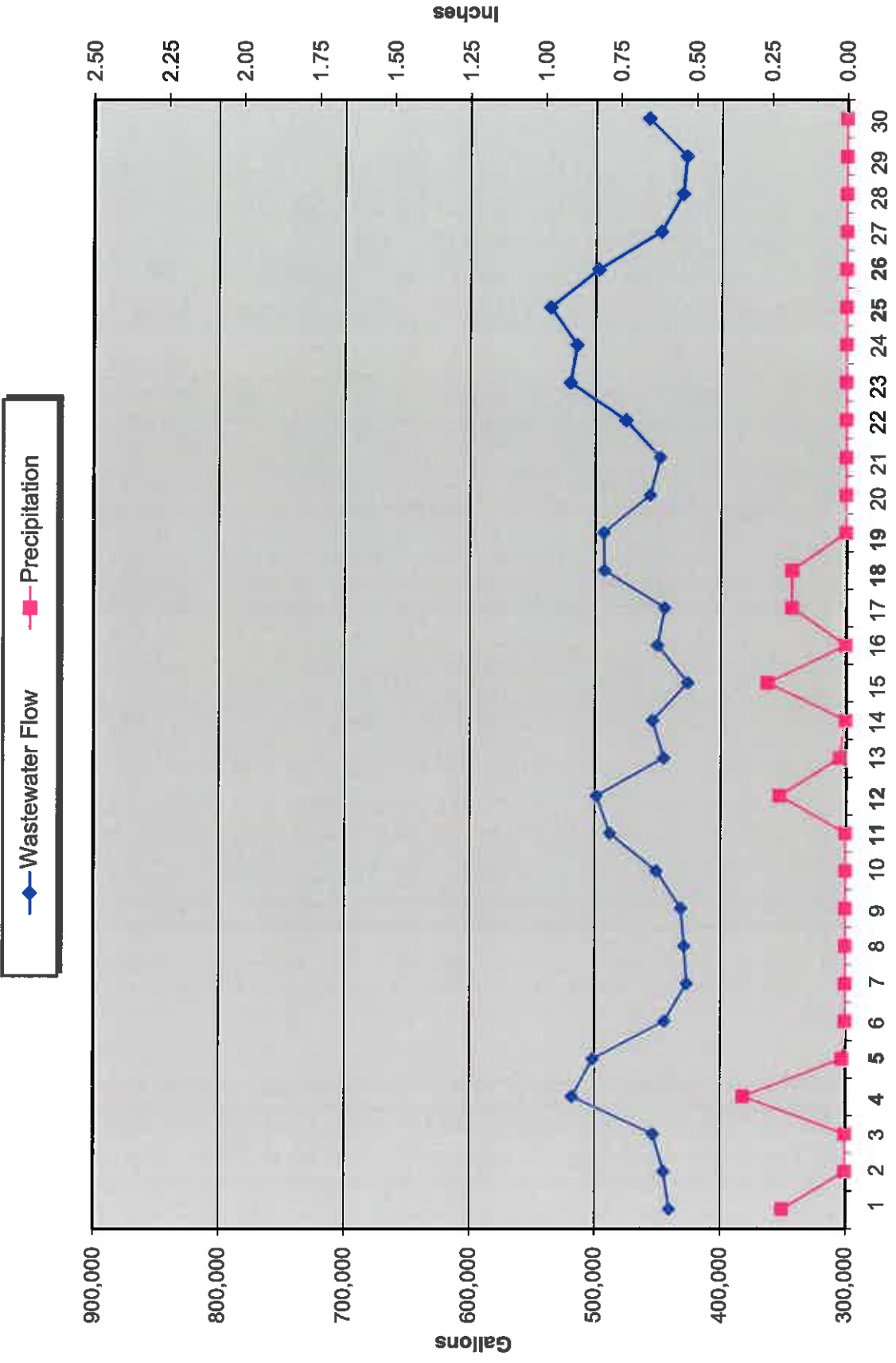
See attached Gate Setting Chart.

Lake Committee

The next meeting of the Lake Committee is scheduled for 7:00 P.M. on Wednesday, January 3rd, 2017 at the Town Hall.

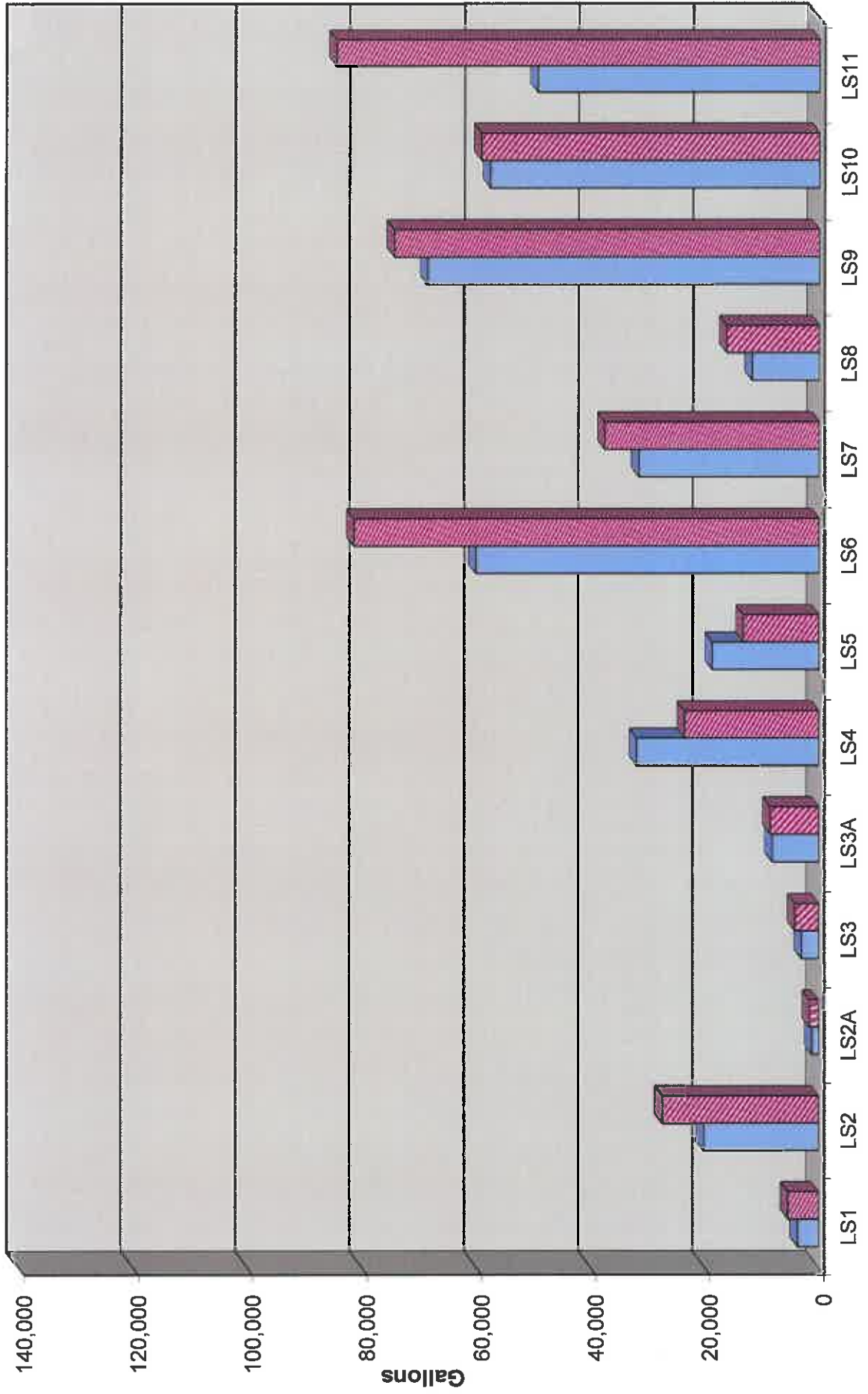
Attachments

Wastewater Flow/Precipitation - November, 2017

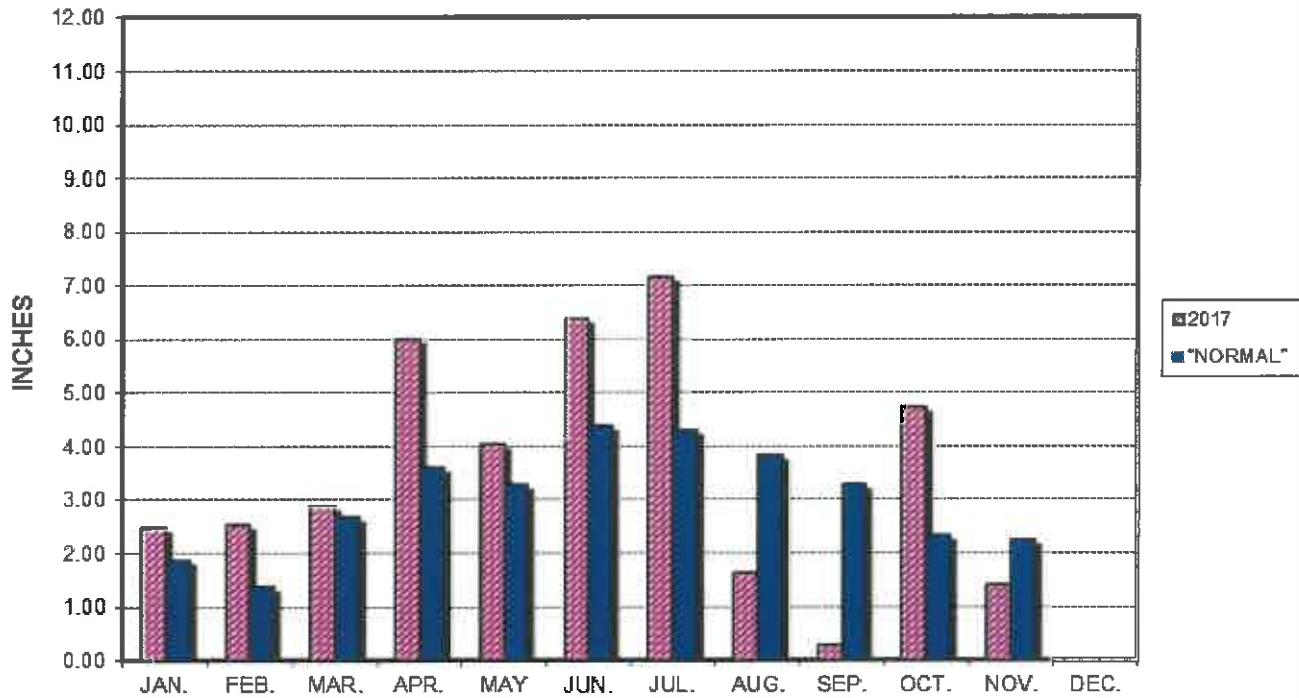


Average Daily Flow/Peak Flow by Area - November, 2017

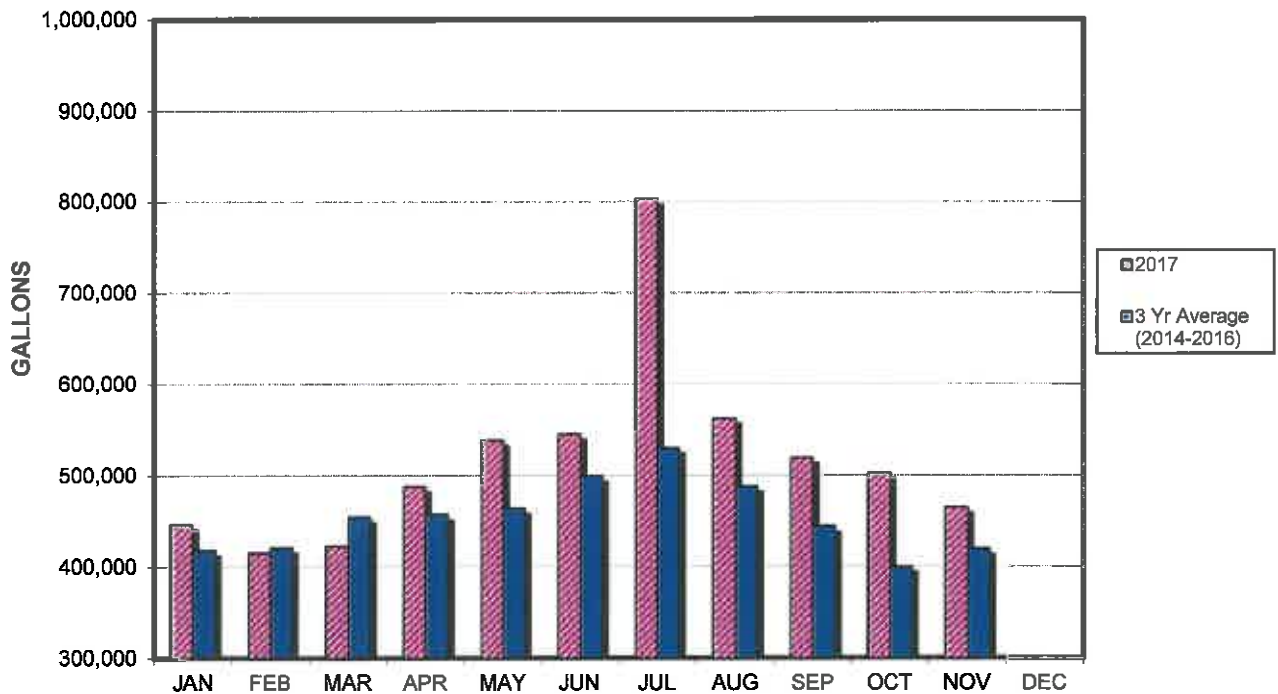
□ Average ▨ Peak



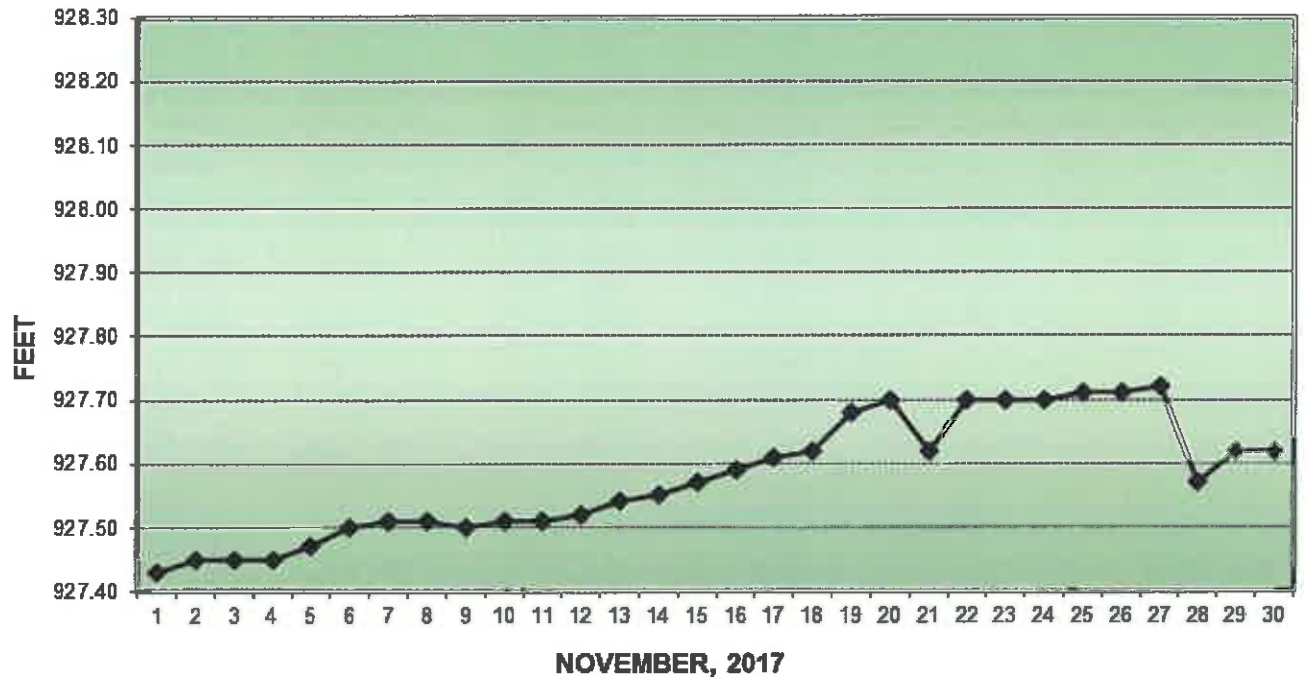
PRECIPITATION - DELAVAN LAKE, WI



AVERAGE WASTEWATER FLOWS



LAKE ELEVATION - DELAVAN LAKE, WI



AVERAGE LAKE ELEVATION - DELAVAN LAKE, WI

