

**DELAVAN LAKE SANITARY DISTRICT
ADMINISTRATOR'S REPORT
NOVEMBER ACTIVITY 2018**

ADMINISTRATION

Lift Station #2 rehab and LS#9/Admin Building paving projects are completed.

Staff is finishing up testing water, soils and running labs on sediment versus pellets, to get a better understanding of what is actually taking place while using pellets.

Continued work is in progress on the Brown's channel watershed area marking out the lot lines and platted road way hopefully to be used as the hiking trail area. Invasive species and erosion issues will be reviewed.

DLSD will be pursuing a refurbishing grant to assist in the cost to rehab one more Harvester with updated engines and hydraulics.

Great Lakes Utility grouted 3 leaking manholes in the View Crest Area and 2 on Borg Road which also needed the bottom bench re-built due to decay. This project was not completed due to weather conditions. It will be completed in 2019.

As-built survey work started on the future force main project having Lift Station #6 bypass Lift Station #5

Phone system computer/answering machine/phone transfer module took a voltage spike. Verizon One Talk System is installed to replace the older original system which will get the office operating properly with voice mail and line transfers. With the continued problems and lack of service from AT&T DLSD will reduce the number of lines utilized on copper.

Lift Station #5 failed valves required station to be bypassed to allow crew and contractor to replace valves underground in the USEMCO.

DLSD Interceptor sewer in the swamp sections west of Borg Rd has put in place an operational laser flow meter to assist staff in monitoring and measuring flows before it enters WalCoMet Interceptor also running thru the wetlands of Turtle Creek. Mapping the flows should help identify any further infiltration problems that could develop in the future.

Interceptor Sewer tree and brush clearing is scheduled for 2019. This needs to be done before beginning repairs on that sensitive system. H2s decayed cone and barrel sections are observed and will be placed into a future project. Televising and cleaning the interceptor will also be done on a more regular basis to address any discovered leaks or decay.

SEWER SYSTEM OPERATIONS

Building Sewer Connections

New Connections for the Month - 0
Reconnections for the Month - 1
Disconnections for the Month - 0
Total Number of Structures Connected to Date - 3,098
Total ERU Count for the Month - 4,008

Operation and Maintenance

Average November Daily Wastewater Flow to WalCoMet - 525,929 gallons
Peak November Flow - 581,812 gallons
Diggers Requests Marked for the Month - 86
Emergency Call Outs - 3

The following charts are attached: *Wastewater Flow comparison with Precipitation for November, 2018*
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, 2018
Lake Elevation comparison with "normal"

Lake Monitoring/Lake Level

Precipitation Total for the Month - 1.50 inches
Below Normal - .74 inches
Ice On Date - December 26, 2017
Ice Off Date - March 24, 2018
Secchi Disc Reading Main Lake - 7.5 feet on 10/25/18

See attached Lake Elevation Graph and Chart.

Lake Information

DNR Lake Level Goal - 927.86 feet
Average Lake Elevation - 927.80 feet
Number of Dam Inspections - 30

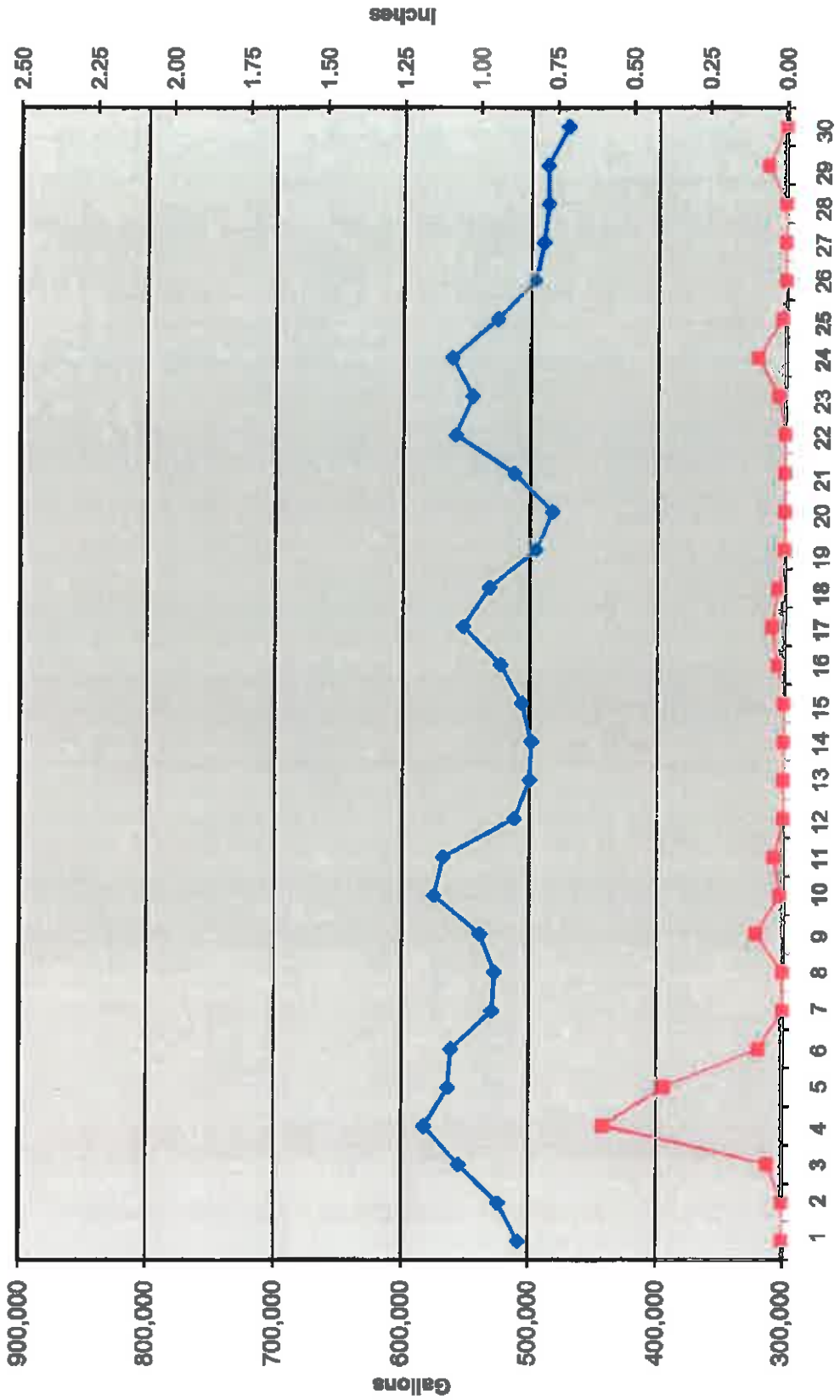
See attached Gate Setting Chart.

Lake Committee

The next meeting of the Lake Committee is scheduled for 7:00 P.M. on Wednesday, January 2, 2019 at the Town Hall.

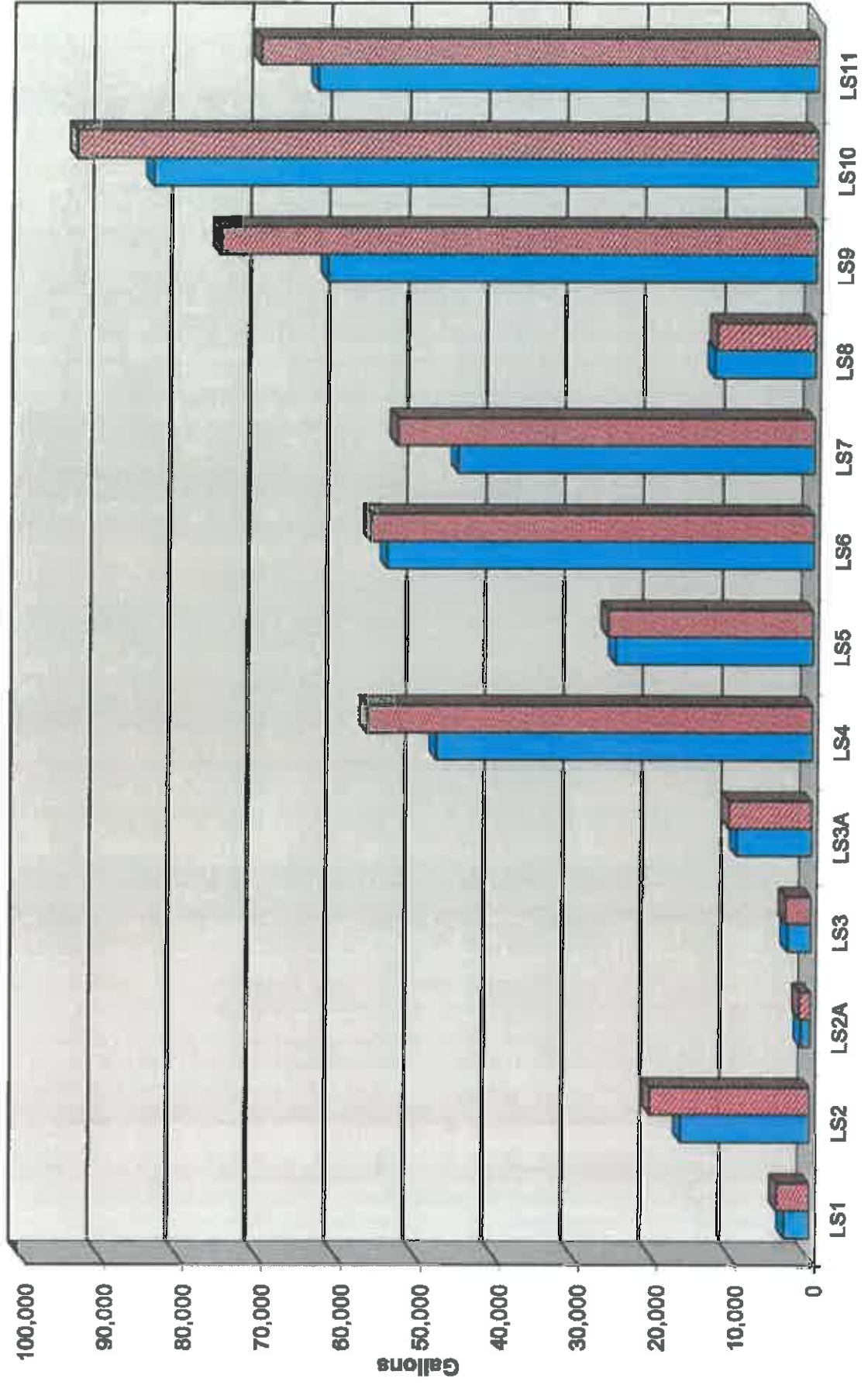
Attachments

Wastewater Flow/Precipitation - November, 2018

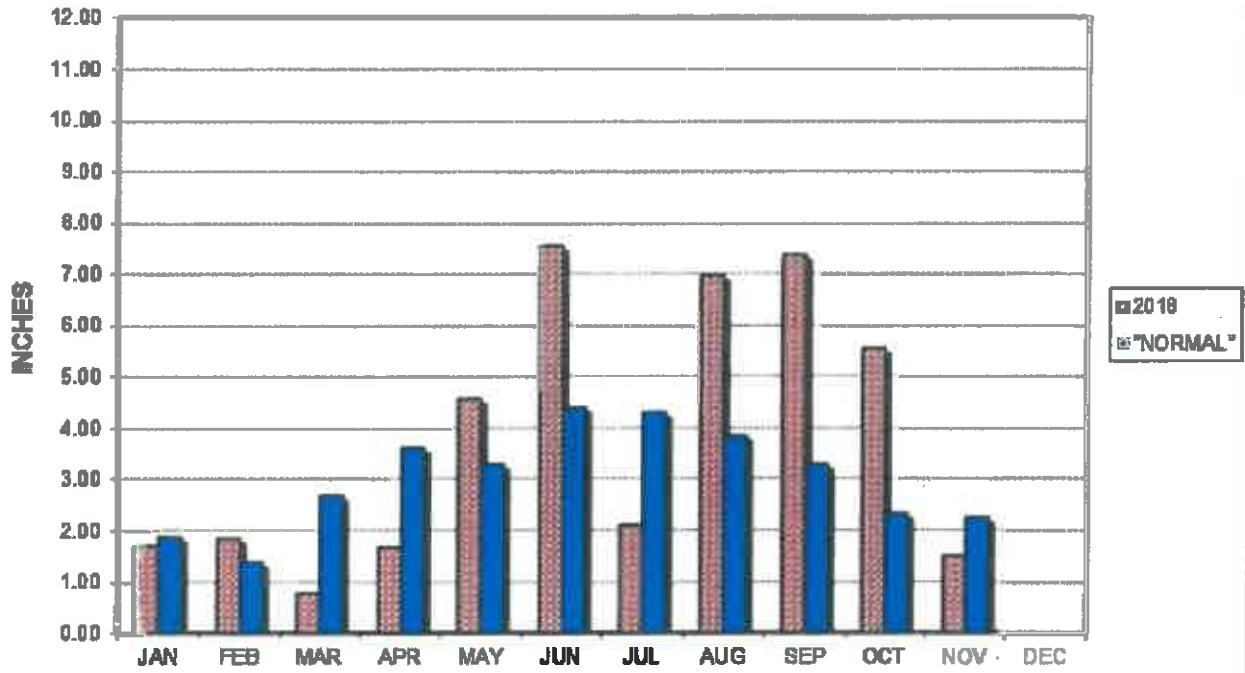


Average Daily Flow/Peak Flow by Area - November, 2018

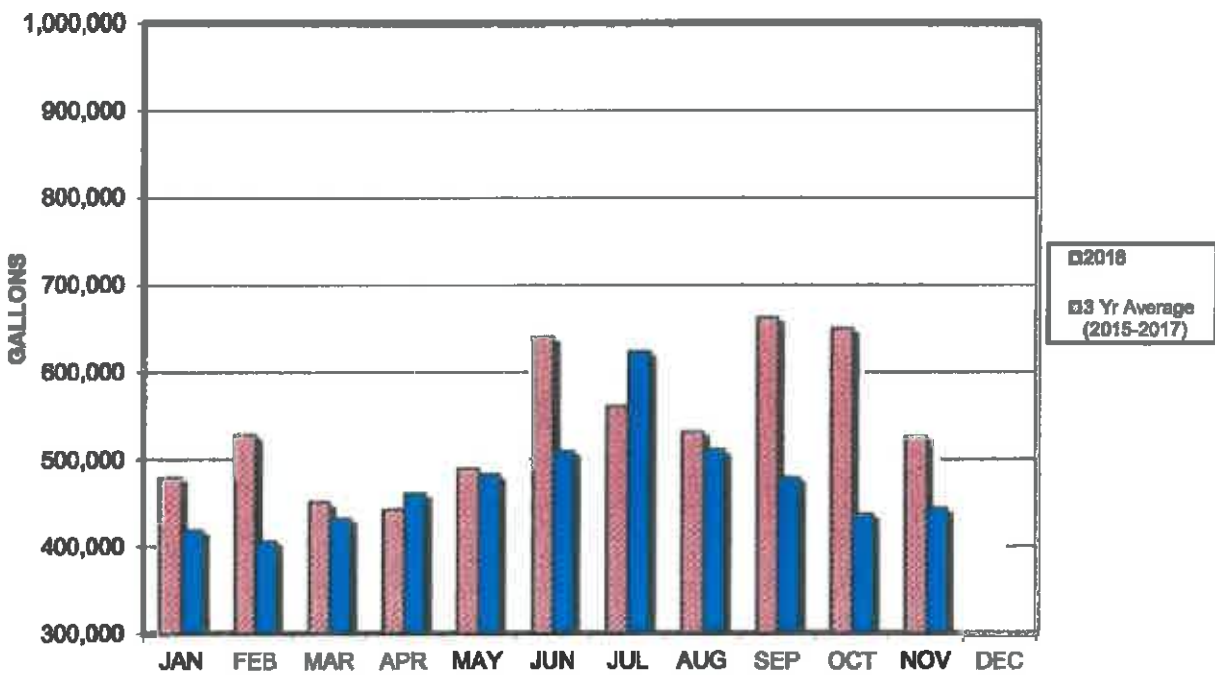
Average Peak



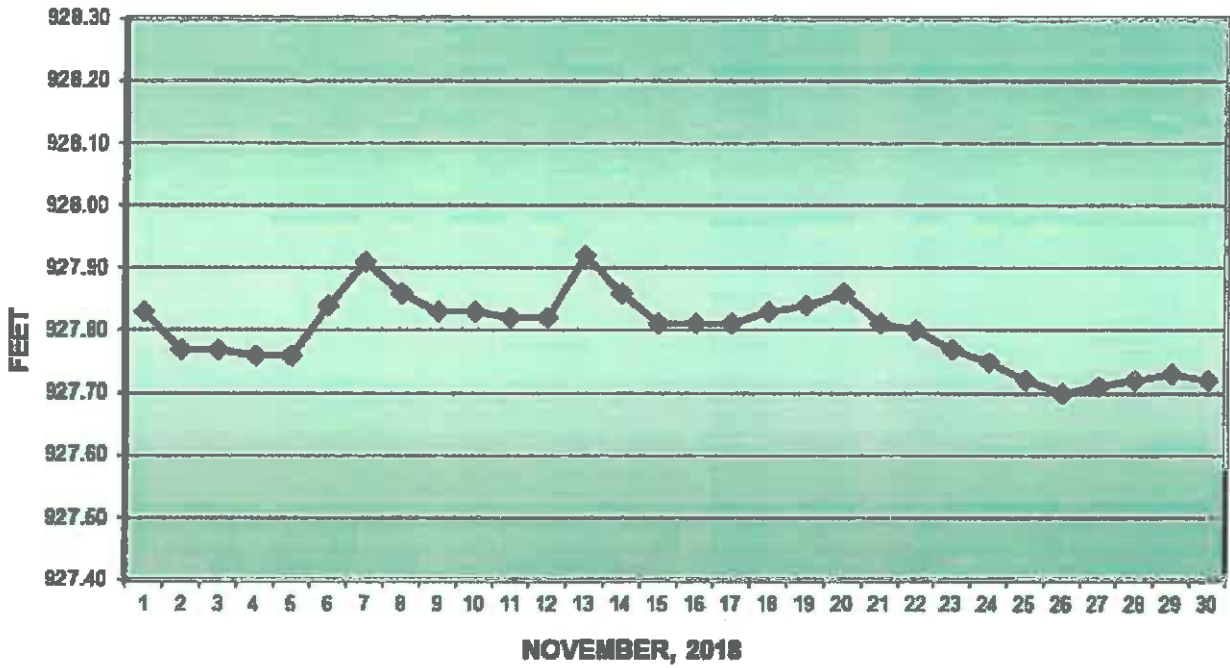
PRECIPITATION - DELAVAN LAKE, WI



AVERAGE WASTEWATER FLOWS



LAKE ELEVATION - DELAVAN LAKE, WI



AVERAGE LAKE ELEVATION - DELAVAN LAKE, WI

