

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

ADMINISTRATION

New Conveyor and Harvester are now in production.

Lift Station #2 by-pass piping and electrical work was put in place for the March by-pass of the station.

Two manholes in View Crest were excavated to have the rings replaced and external seals applied to stop leaks.

Crew assisted during the heavy rains. Area 9 hit high flows when a farm field washed into a hope under construction and piping was not properly capped.

New utility truck is ordered. This truck will replace a ½ ton pick-up and be designed to act as the District's on-call emergency 1st response vehicle by staff.

The DNR processed the final payment for the Brown's Channel Planning Grant. Funds received will be \$6,047.75.

Laser Flow meter in the swamp sewer lines west of Borg Road is in and operational. Final connections to the District's computer system will take place in March.

SEWER SYSTEM OPERATIONS

Building Sewer Connections

New Connections for the Month - 0

Reconnections for the Month - 0

Disconnections for the Month - 0

Total Number of Structures Connected to Date - 3,095

Total ERU Count for the Month - 4,007

Operation and Maintenance

Average February Daily Wastewater Flow to WalCoMet - 527,590 gallons

Peak February Flow - 1,418,672 gallons

Diggers Requests Marked for the Month - 16

Emergency Call Outs - 1

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

Lake Monitoring/Lake Level

Precipitation Total for the Month – 1.83 inches
Above Normal – .44 inches
Ice On Date – December 26, 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 – 927.81 feet
Number of Dam Inspections – 28

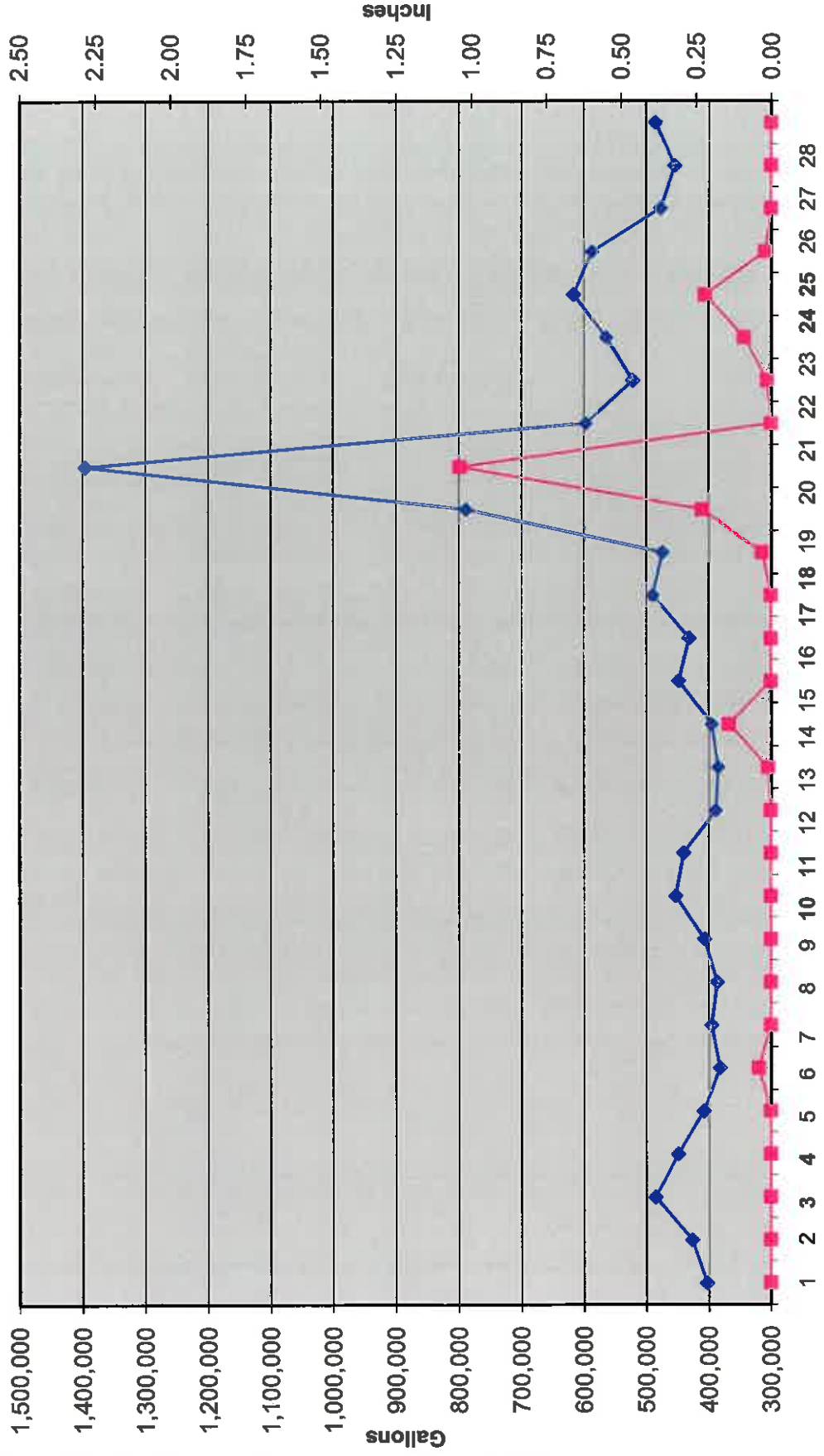
See attached Gate Setting Chart.

Lake Committee

The next meeting of the Lake Committee is scheduled for 7:00 P.M. on Wednesday, April 4th, 2018 at the Town Hall.

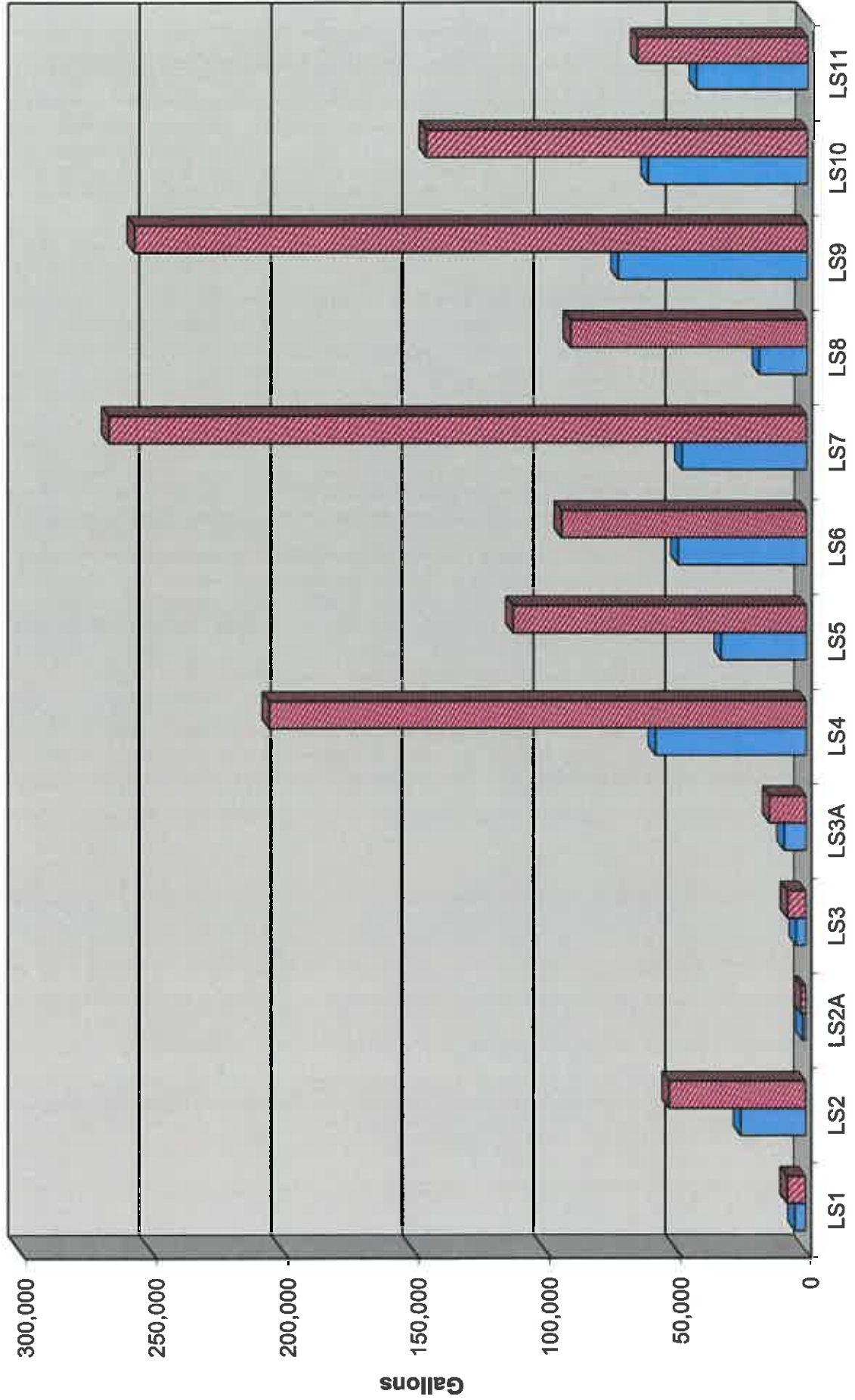
Attachments

Wastewater Flow/Precipitation - February, 2018

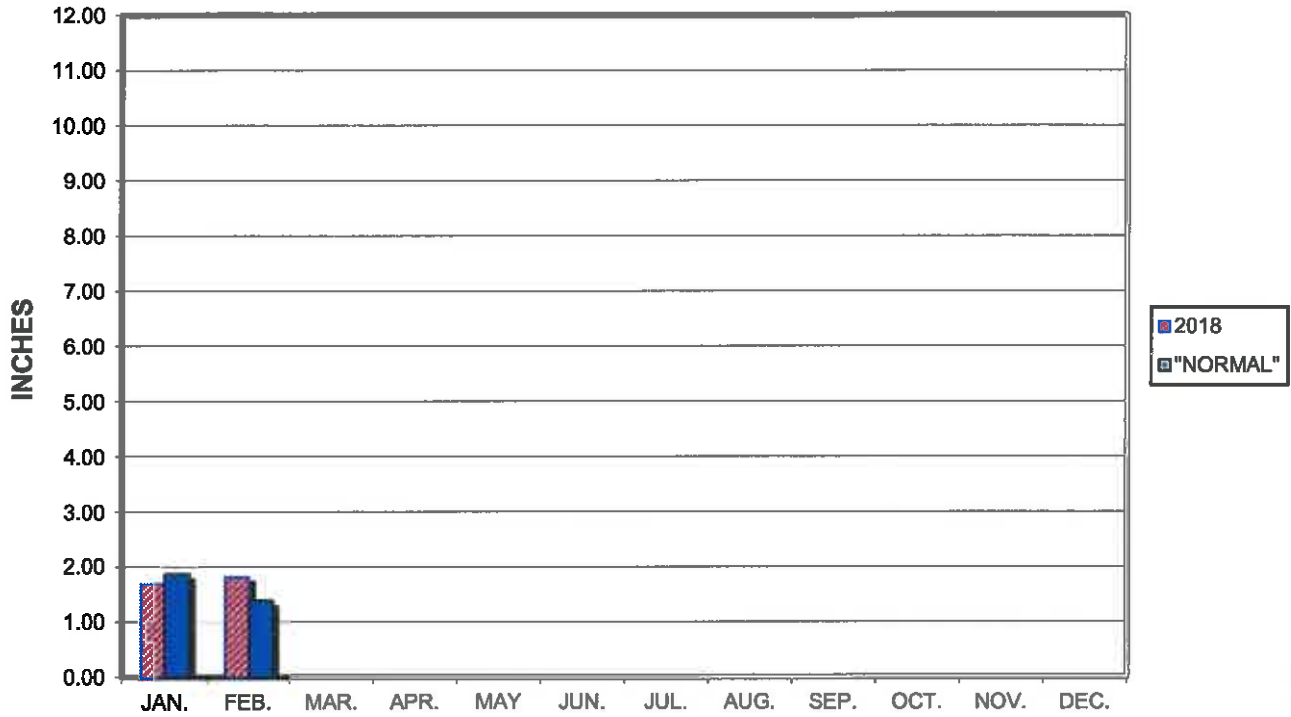


Average Daily Flow/Peak Flow by Area-February, 2018

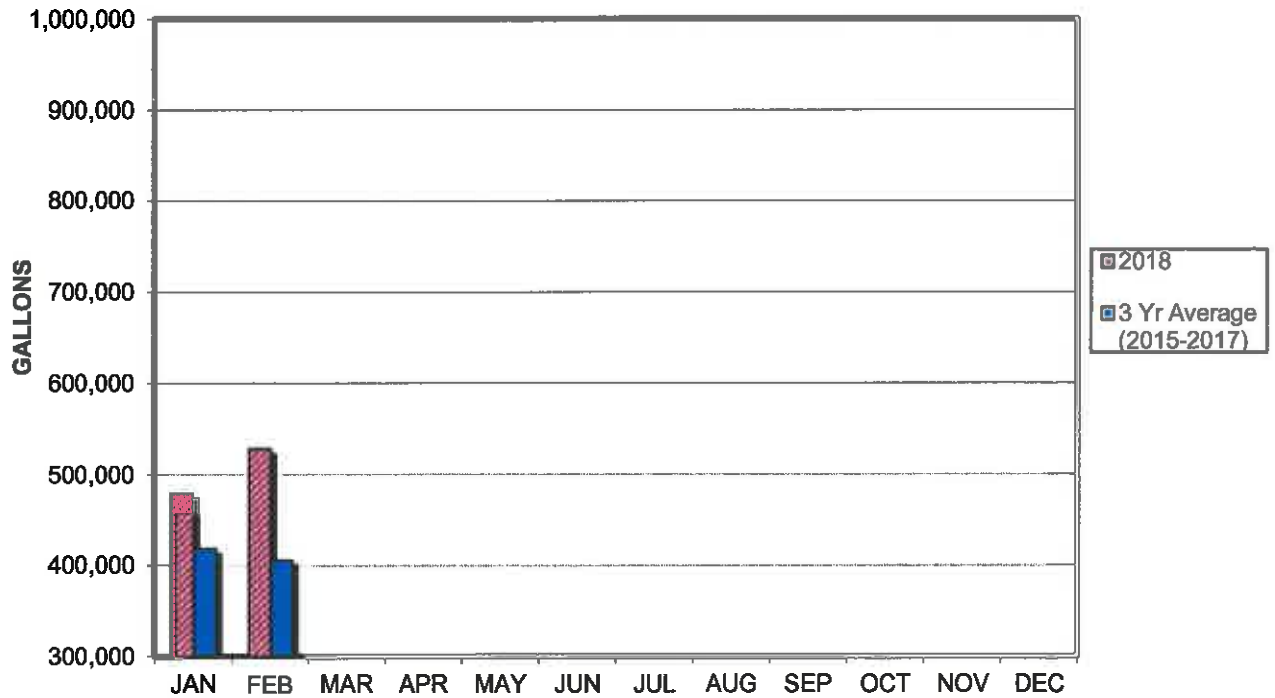
Legend: Average (Blue), Peak (Red)



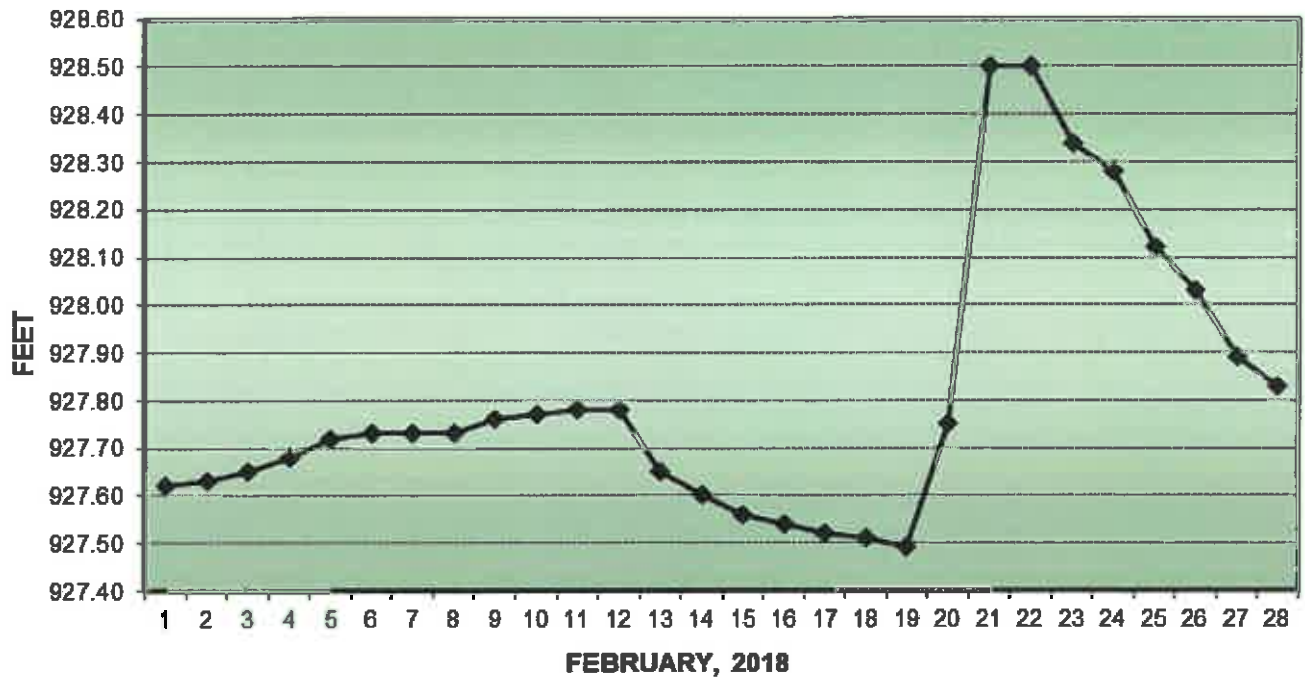
PRECIPITATION - DELAVAN LAKE, WI



AVERAGE WASTEWATER FLOWS



LAKE ELEVATION - DELAVAN LAKE, WI



AVERAGE LAKE ELEVATION - DELAVAN LAKE, WI

