

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

ADMINISTRATION

New Conveyor and Harvester are now ready for paint.

Official Ice off date is March 24th, 2018

Wet well in lift station #2 is epoxy coated. New Pumps are set and ready for electrical installation.

DLSD commission approved assisting the Town with a pellet program study.

Barge hydraulic propeller gear box is badly worn internally and being replaced with a new unit.

Leaking hydraulic pumps and rams are being rebuilt or replaced on existing harvesters.

Gate #3 gear box is in for repairs. Staff will regulate and hold lake down as a precaution to heavy spring rains.

SEWER SYSTEM OPERATIONS

Building Sewer Connections

New Connections for the Month - 1

Reconnections for the Month - 0

Disconnections for the Month - 0

Total Number of Structures Connected to Date - 3,096

Total ERU Count for the Month - 4,008

Operation and Maintenance

Average April Daily Wastewater Flow to WalCoMet - 441,471 gallons

Peak April Flow - 525,218 gallons

Diggers Requests Marked for the Month - 75

Emergency Call Outs - 3

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

Lake Monitoring/Lake Level

Precipitation Total for the Month – 1.67 inches

Below Normal – 1.95 inches

Ice On Date – December 26, 2017

Ice Off Date – March 24, 2018

Secchi Disc Reading Main Lake – 11 feet on 4/25/2018

See attached Lake Elevation Graph and Chart.

Lake Information

DNR Lake Level Goal – 927.86 feet

Average Lake Elevation – 927.59 feet

Number of Dam Inspections – 30

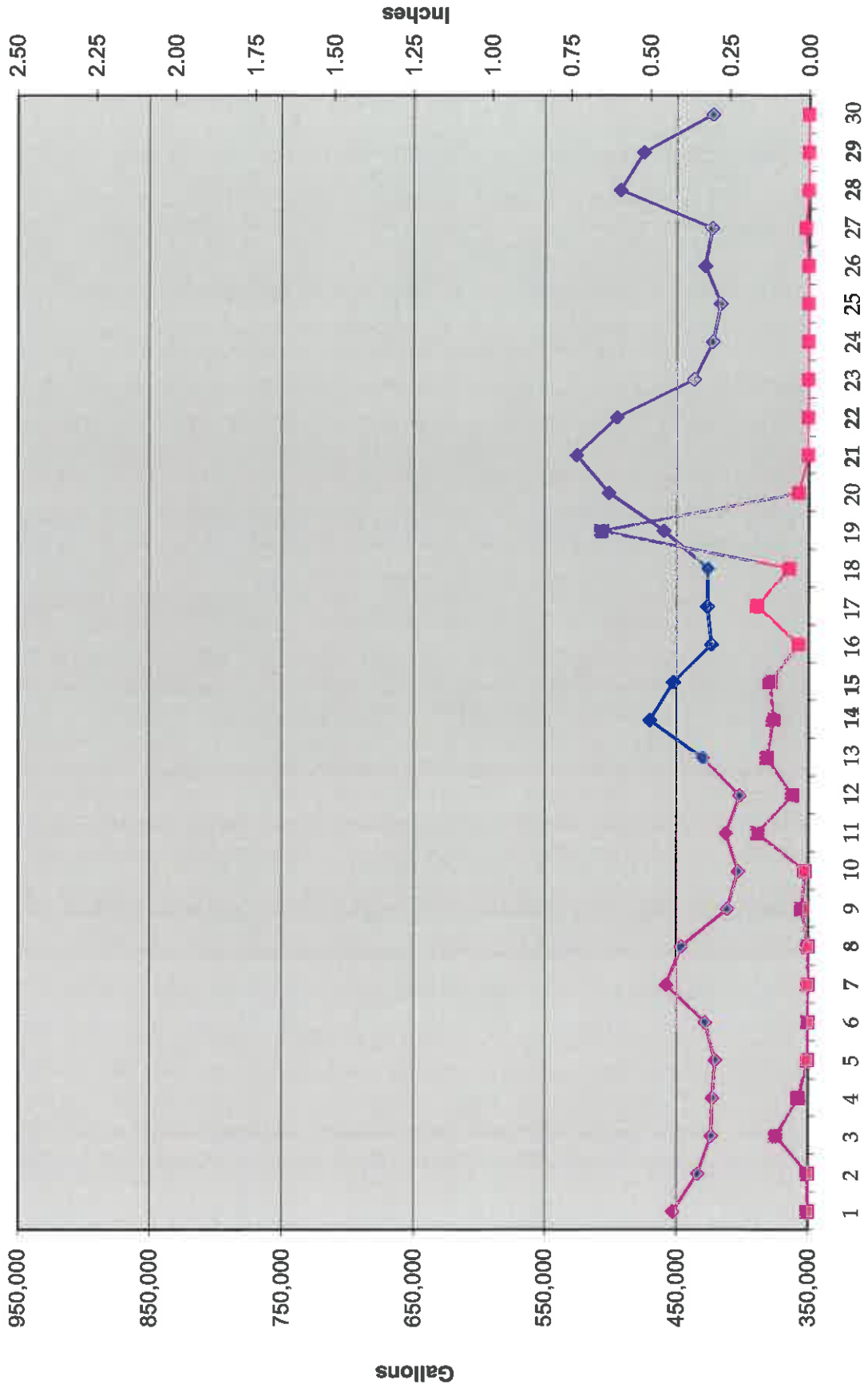
See attached Gate Setting Chart.

Lake Committee

The next meeting of the Lake Committee is scheduled for 7:00 P.M. on Wednesday, May 2nd, 2018 at the Town Hall.

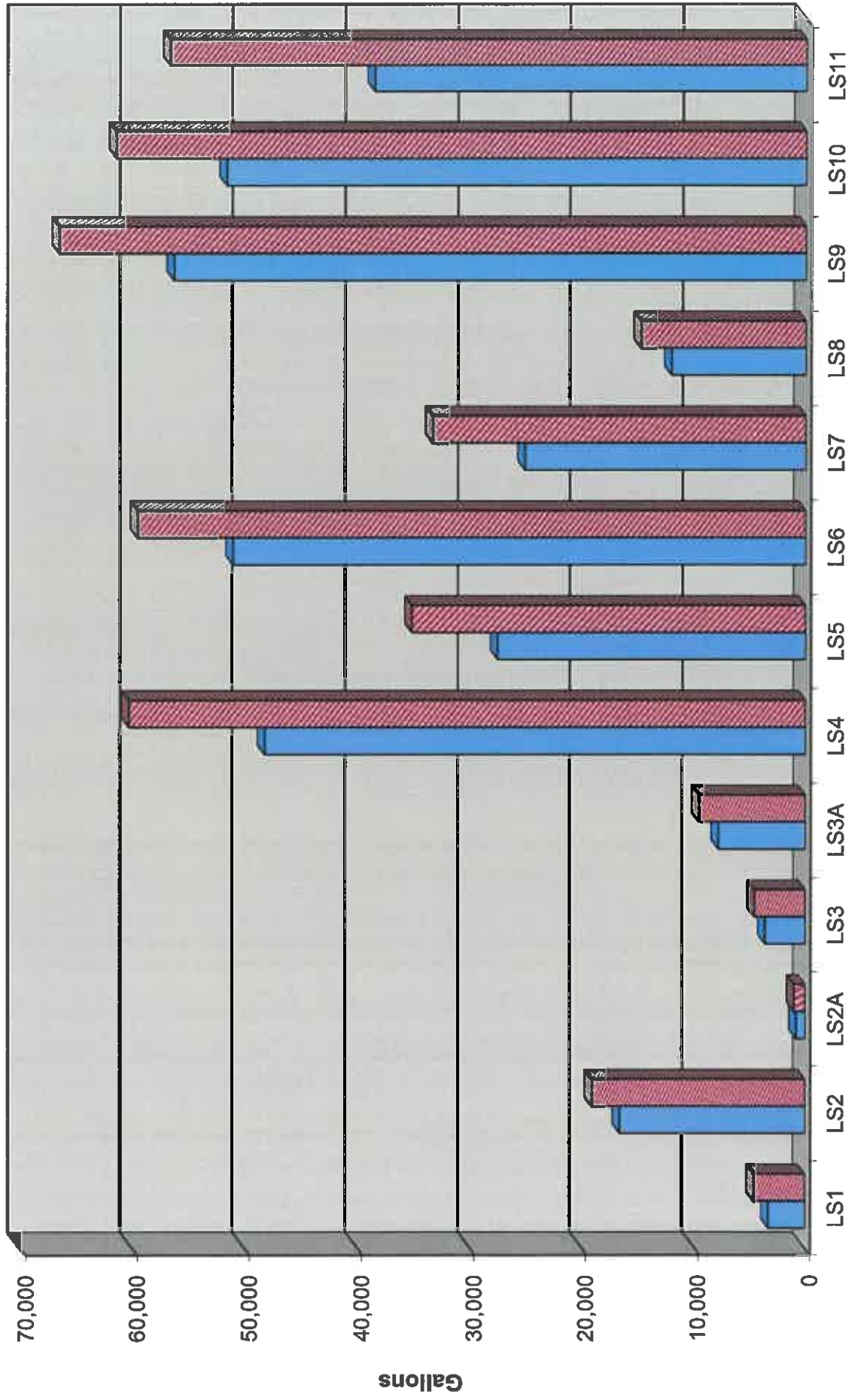
Attachments

Wastewater Flow/Precipitation - April, 2018

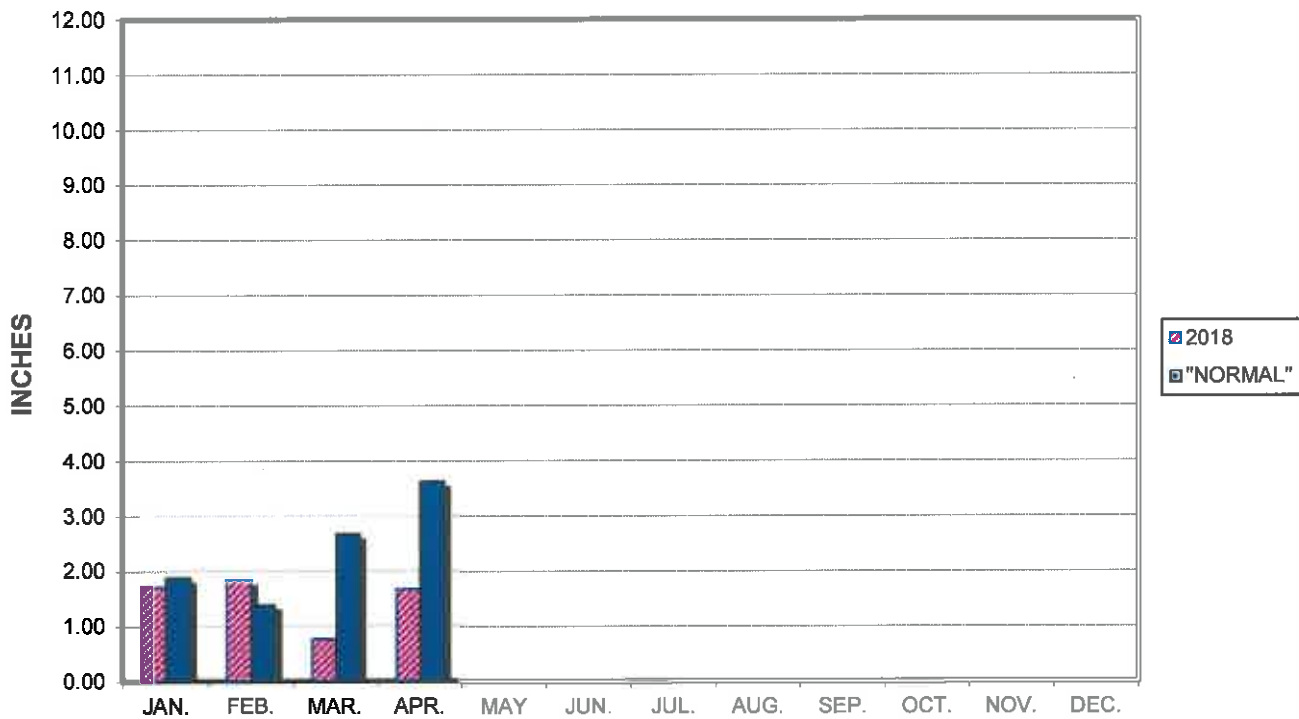


Average Daily Flow/Peak Flow by Area-April, 2018

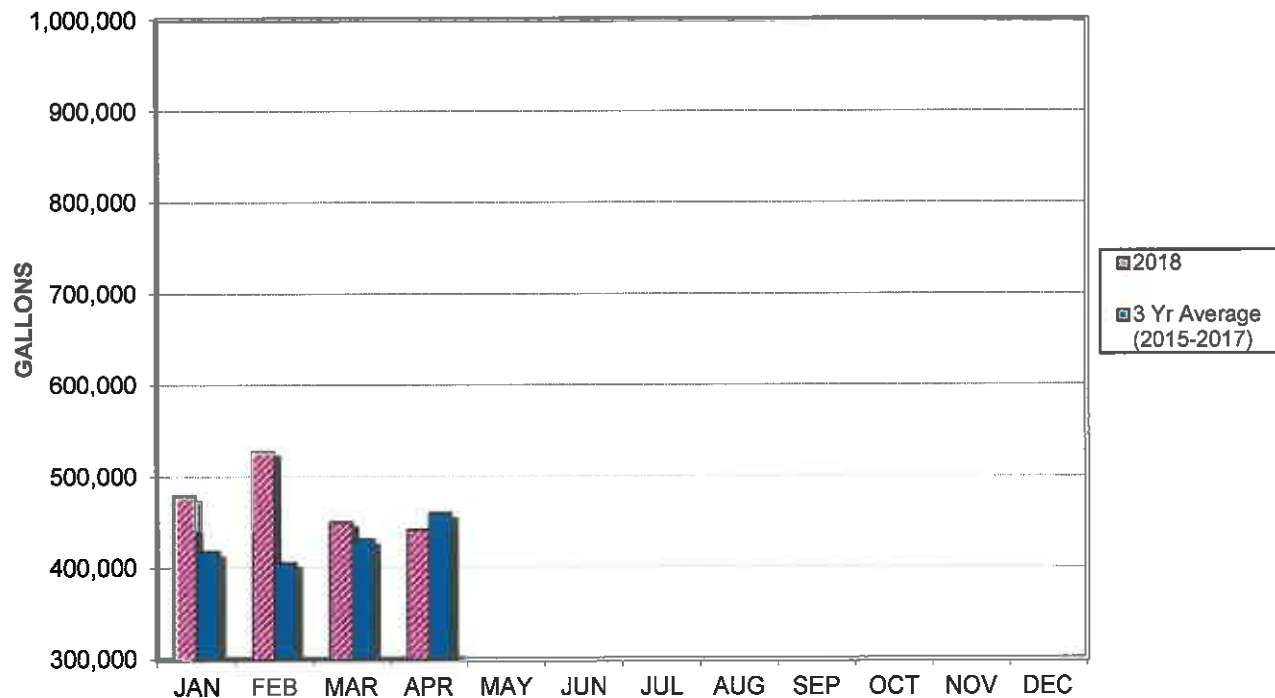
□ Average ■ Peak



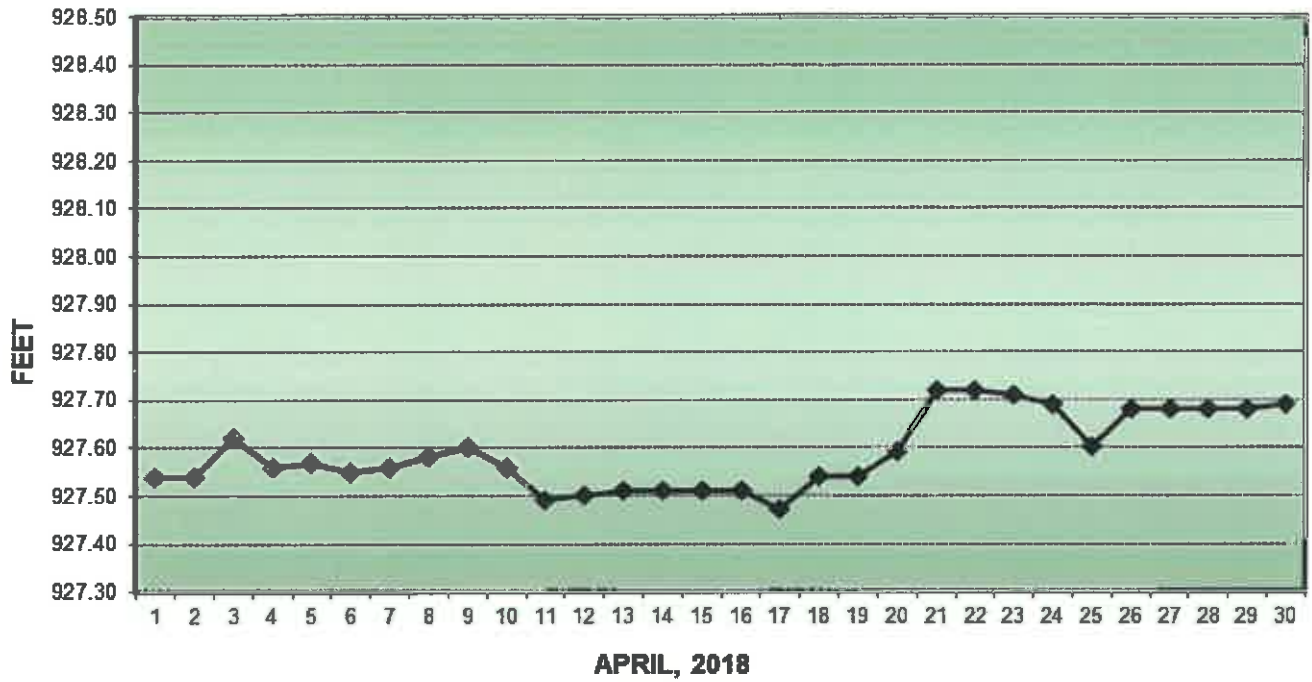
PRECIPITATION - DELAVAN LAKE, WI



AVERAGE WASTEWATER FLOWS



LAKE ELEVATION - DELAVAN LAKE, WI



AVERAGE LAKE ELEVATION - DELAVAN LAKE, WI

