

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

ADMINISTRATION

Grant application awarded for 2 Healthy-Lakes projects.

Lift Station #2 piping rehab and Lift Station #9 driveway bids were approved. Gilbank will rehab Lift Station #2 and Wolf Construction will resurface Administration parking lot and Lift Station #9. Porous pavers will be utilized to improve storm water management and protect the lake.

Lift Station #5 generator replacement is under way.

Gate #3 of the Dam gear box is repaired.

UW Whitewater senior project to study soils in Brown's Channel was completed and a presentation of their findings will be in done in May.

Brown's Channel Watershed Plan is underway

Seasonal harvesters were interviewed.

Utility Audit was completed

Final preparation for Lake Harvester Launching is on process.

Aquatic Plant Harvesting Permit was submitted to the DNR along with the Chemical treatment permit and Harvesting permit applications.

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 – 3,096

Total ERU Count for the Month – 4,009

Operation and Maintenance

Average April Daily Wastewater Flow to WalCoMet – 487,322 gallons

Peak April Flow – 659,018 gallons

Diggers Requests Marked for the Month – 93

Emergency Call Outs - 2

The following charts are attached: *Wastewater Flow comparison with Precipitation for April, 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 April, 2017
Lake Elevation comparison with "normal"

Lake Monitoring/Lake Level

Precipitation Total for the Month – 6.01 inches
Above Normal – 2.39 inches
Ice Off Date – February 24, 2017
SECCHI Disk – 22 feet – Main Lake 5/11/17

See attached Lake Elevation Graph and Chart.

Lake Information

DNR Lake Level Goal – 927.86 feet
Average Lake Elevation – 927.79 feet
Number of Dam Inspections – 30

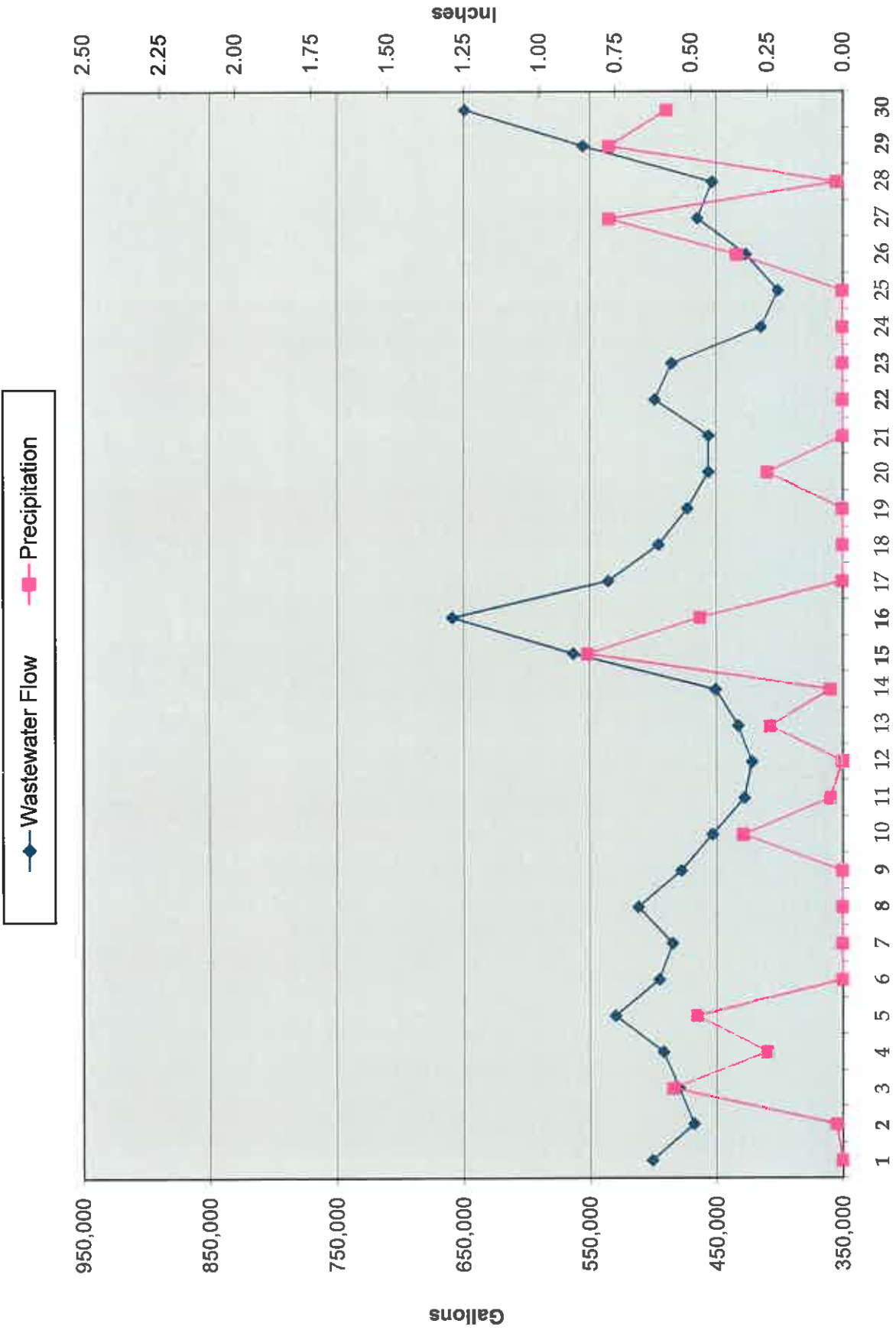
See attached Gate Setting Chart.

Lake Committee

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

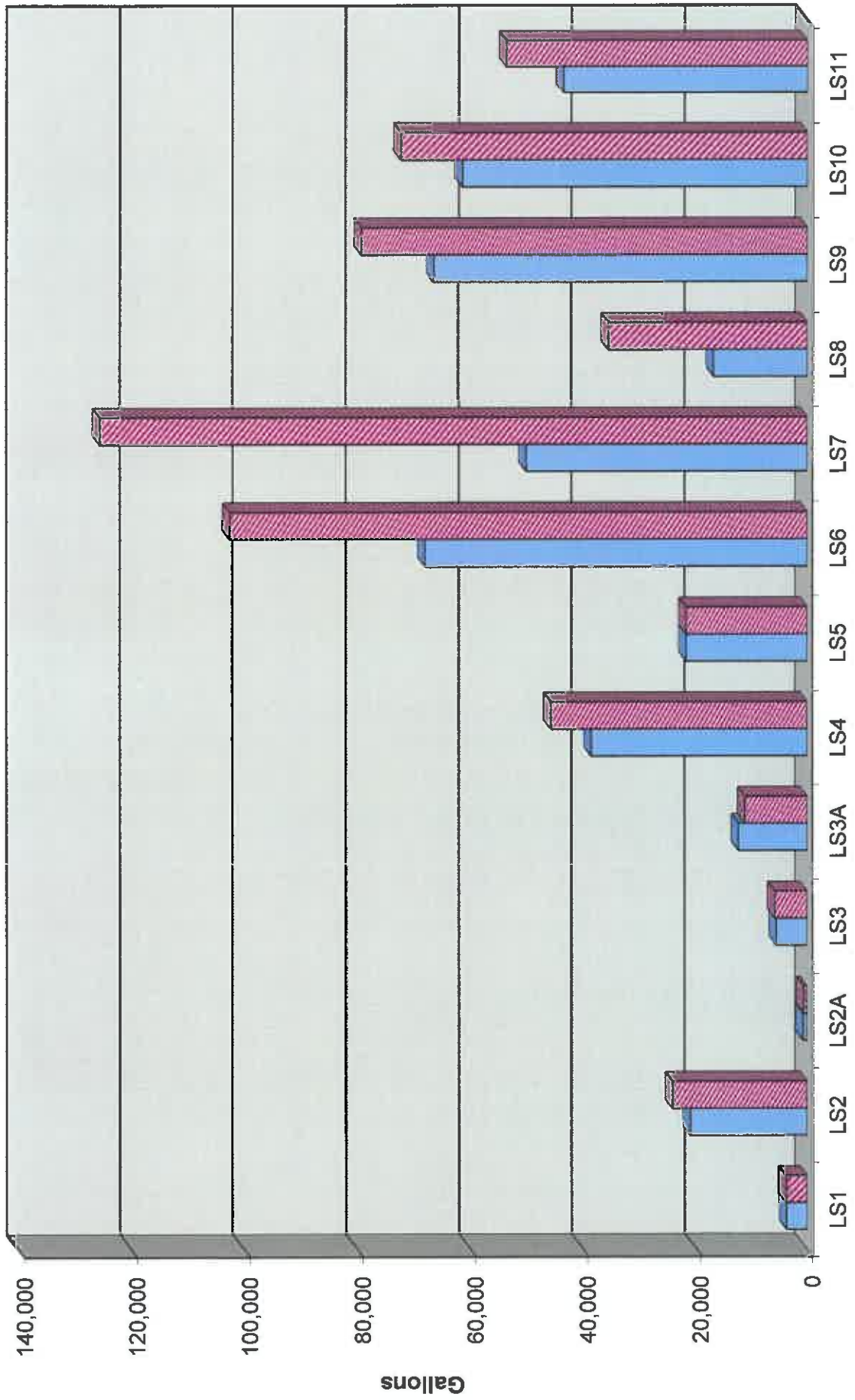
Attachments

Wastewater Flow/Precipitation - April, 2017

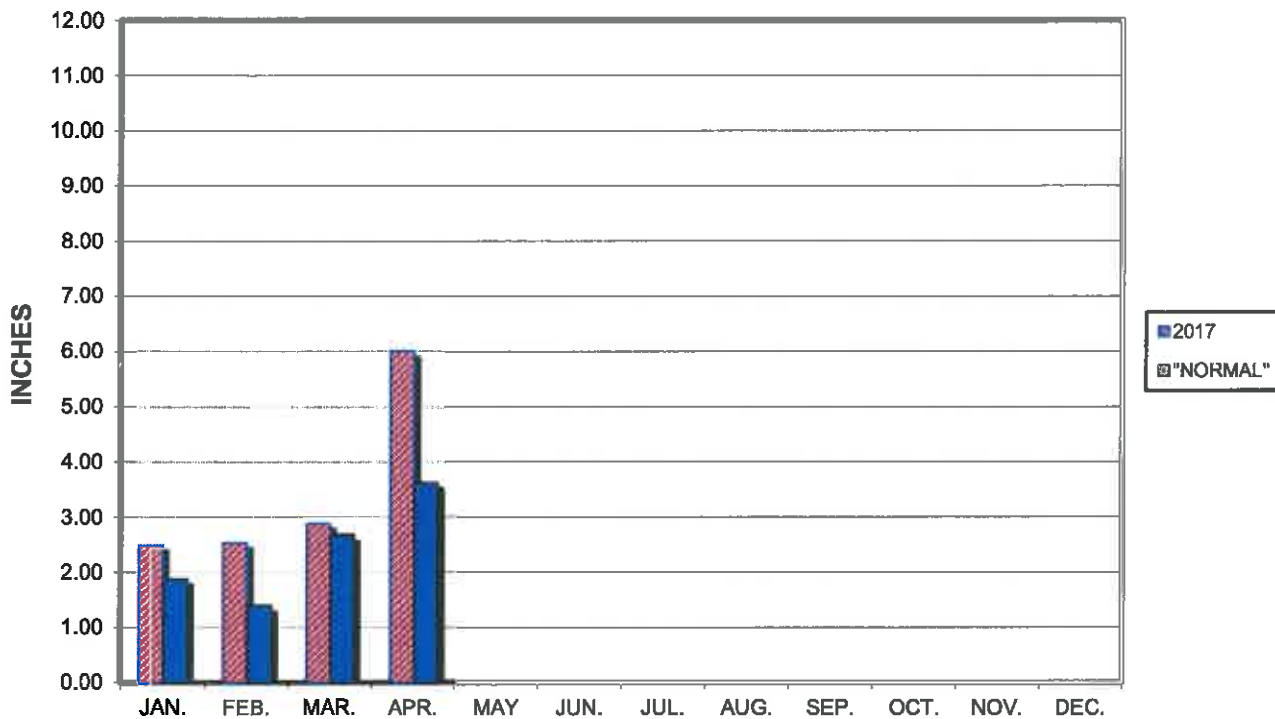


Average Daily Flow/Peak Flow by Area-April, 2017

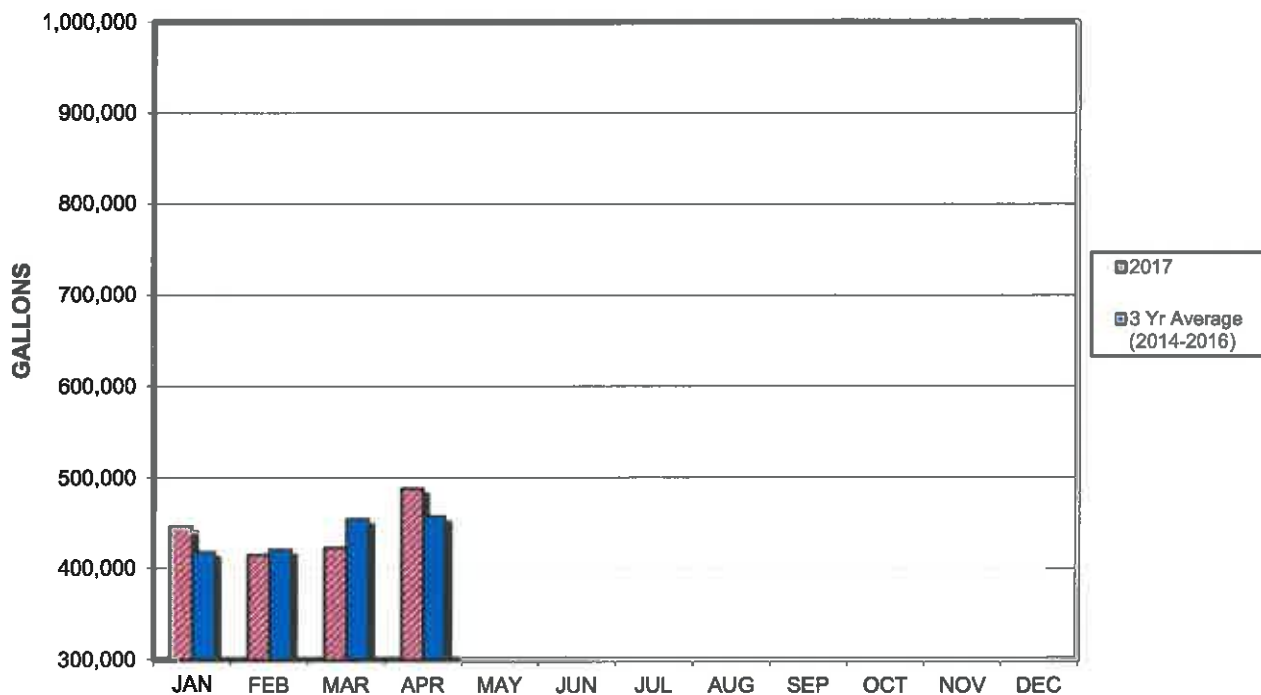
Legend: Average (Blue), Peak (Pink)



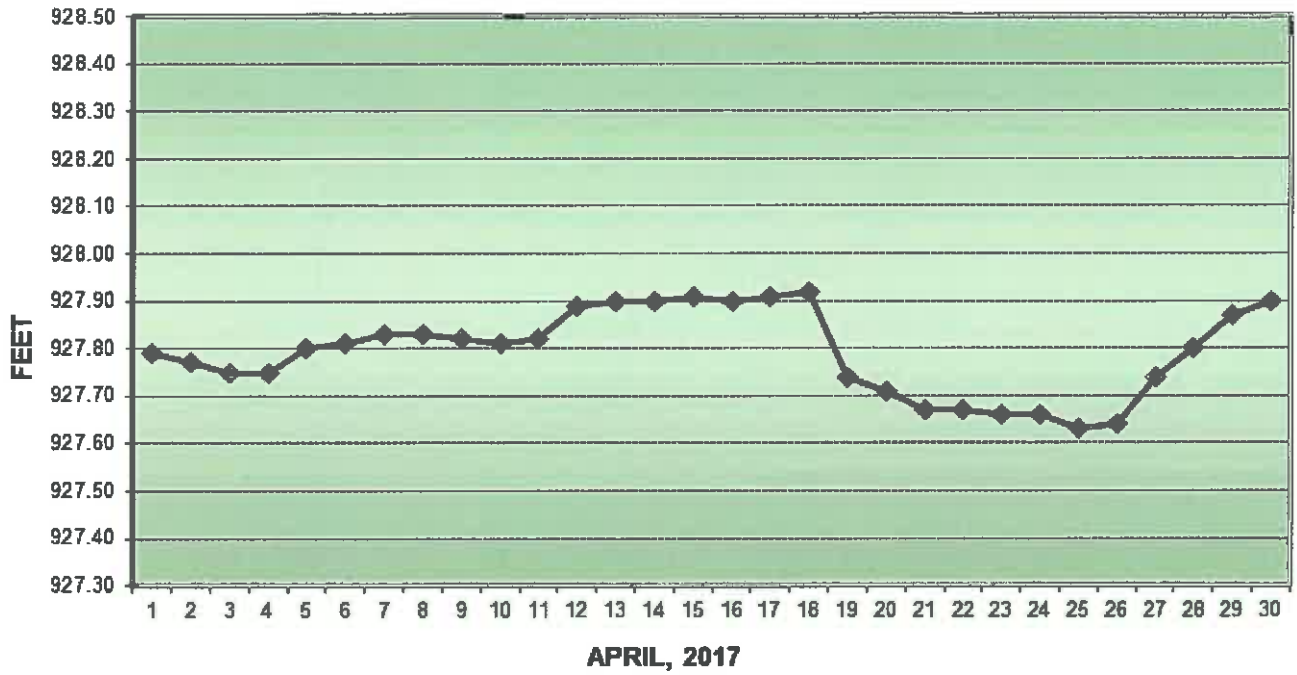
PRECIPITATION - DELAVAN LAKE, WI



AVERAGE WASTEWATER FLOWS



LAKE ELEVATION - DELAVAN LAKE, WI



AVERAGE LAKE ELEVATION - DELAVAN LAKE, WI

