

**DELA VAN LAKE SANITARY DISTRICT
ADMINISTRATOR'S REPORT
FEBRUARY ACTIVITY 2024**

ADMINISTRATION

Starlink installed and running almost 20 times faster than the sims card. Sims card is in place as a back-up when Starlink is down.

Barge sent to Aquarius for pontoon additions.

Villa Clare Development Sanitary Sewer review is in progress.

Lift Station #2A WE Energies alterations to prepare the station to convert to a 3-phase WYE system is in progress.

Lift Station #5 preliminary designs are in progress and Erosion Control Permit is applied for and being held up by county.

The new mower arrived.

Shores of Delavan announced it will move forward with the development and plans to start installing streets and utility this summer.

SEWER SYSTEM OPERATIONS

Building Sewer Connections

New Connections for the Month - 1

Reconnections for the Month – 1

Disconnections for the Month – 0

Total Number of Structures Connected to Date – 3,132

Total ERU Count for the Month – 4,051

Operation and Maintenance

Average February Daily Wastewater Flow to WalCoMet – 450,816 gallons

Peak February Flow – 505,544 gallons

Diggers Requests Marked for the Month – 63

Emergency Call Outs – 4

Lateral Leaks

Sump Pump Discharges - 4

Current Lateral Leaks - 51

Completed Lateral Leak Orders – 5

The following charts are attached: *Wastewater Flow comparison with Precipitation February, 2024*
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, 2024
Lake Elevation comparison with "normal"

Lake Monitoring/Lake Level

Precipitation Total for the Month – .44 inches

Below Normal – .95 inches

Ice On Date – January 15, 2024

Ice Off Date – February 27, 2024

Secchi Disc Reading Main Lake – 30.0 feet 12/14/2023

See attached Lake Elevation Graph and Chart.

Lake Information

DNR Lake Level Goal – 927.86 feet

Average Lake Elevation – 927.78 feet

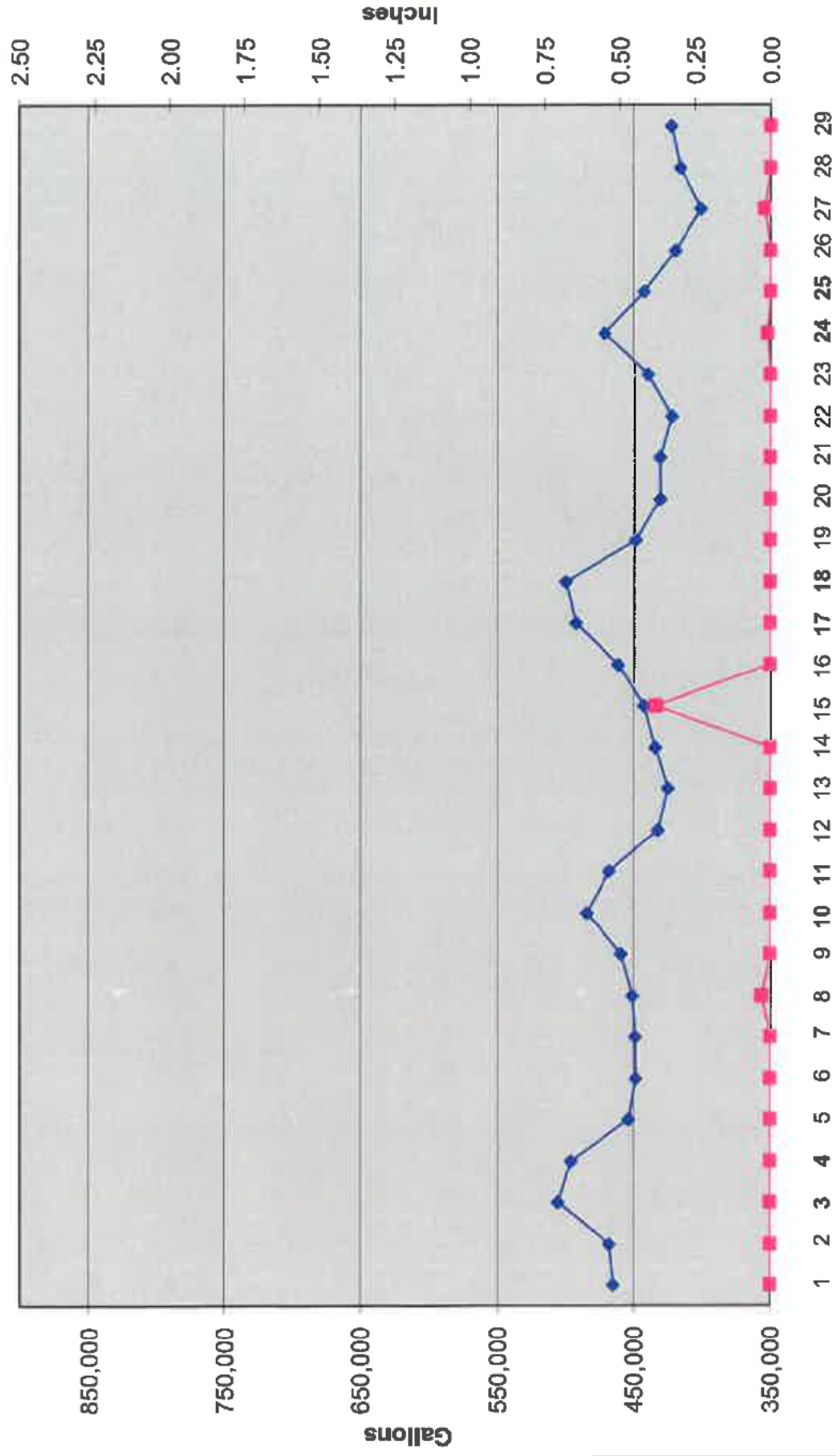
Lake Committee

The next meeting of the Lake Committee is scheduled for 7:00 P.M. on Wednesday, April 3, 2024 at the Town Hall.

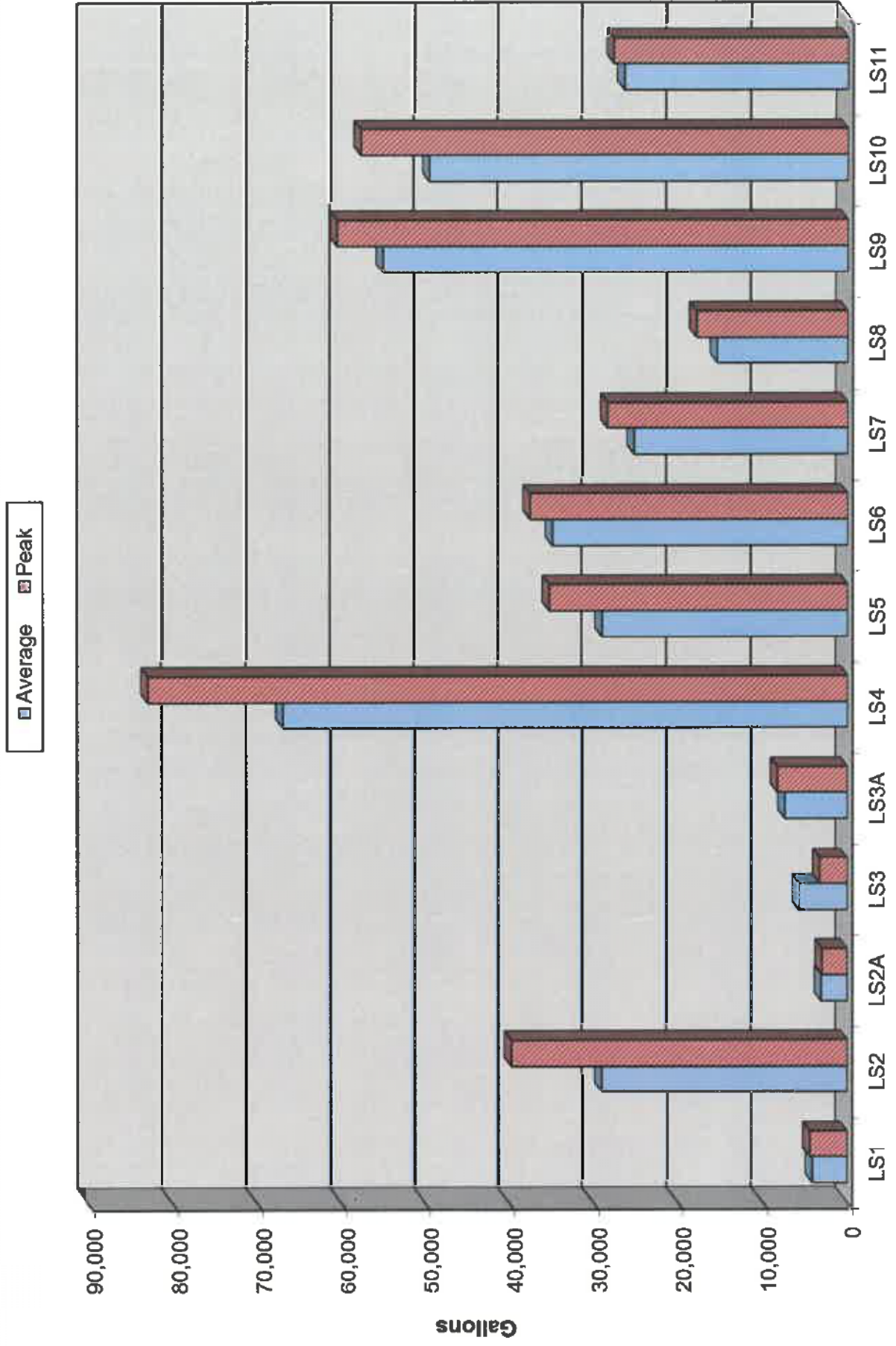
Attachments

Wastewater Flow/Precipitation - February, 2024

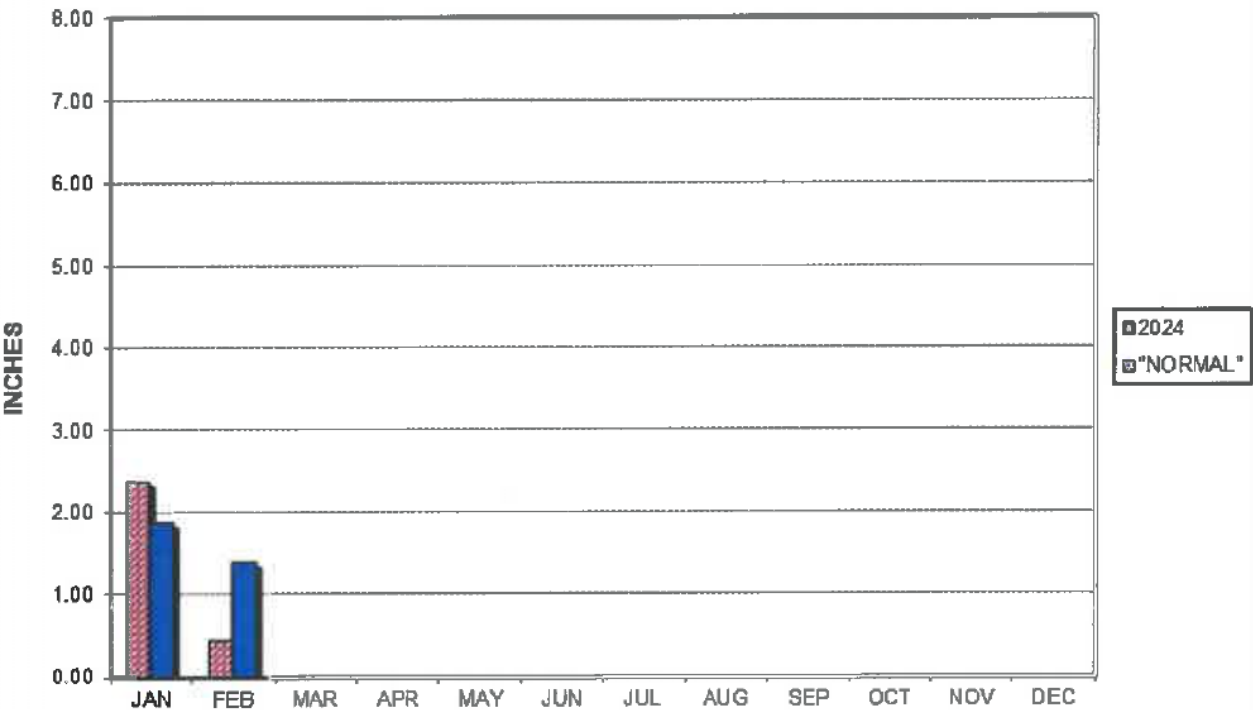
Wastewater Flow Precipitation



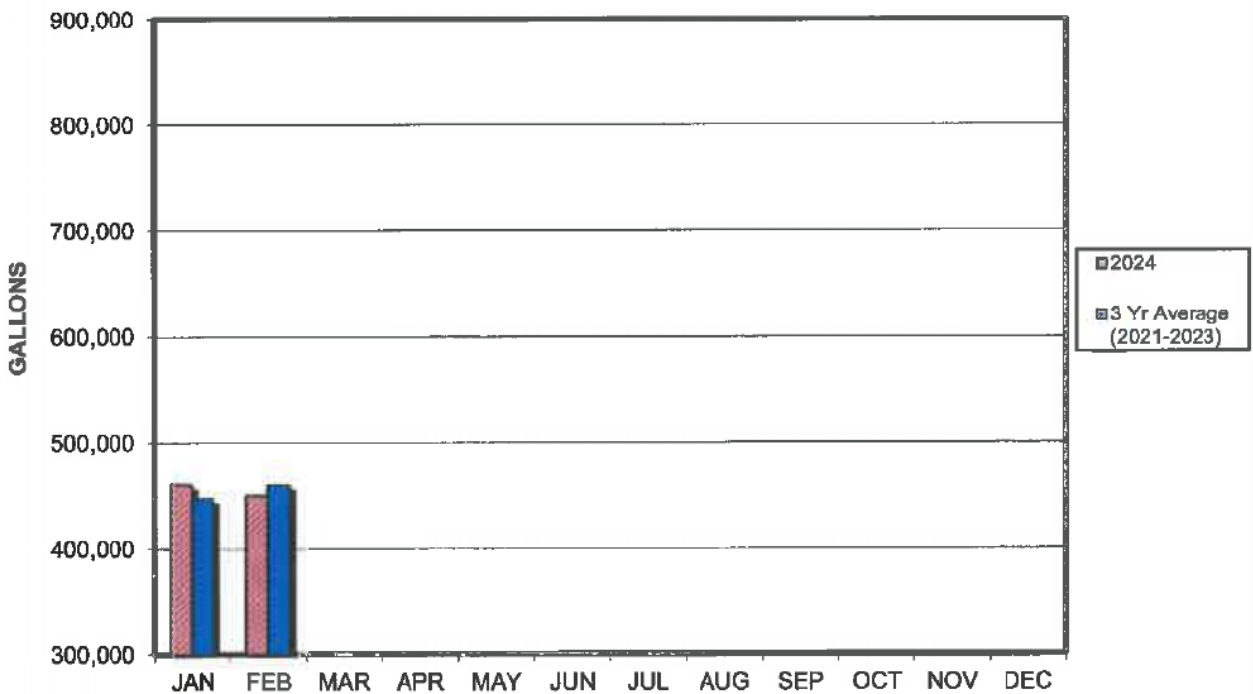
Average Daily Flow/Peak Flow by Area-February, 2024



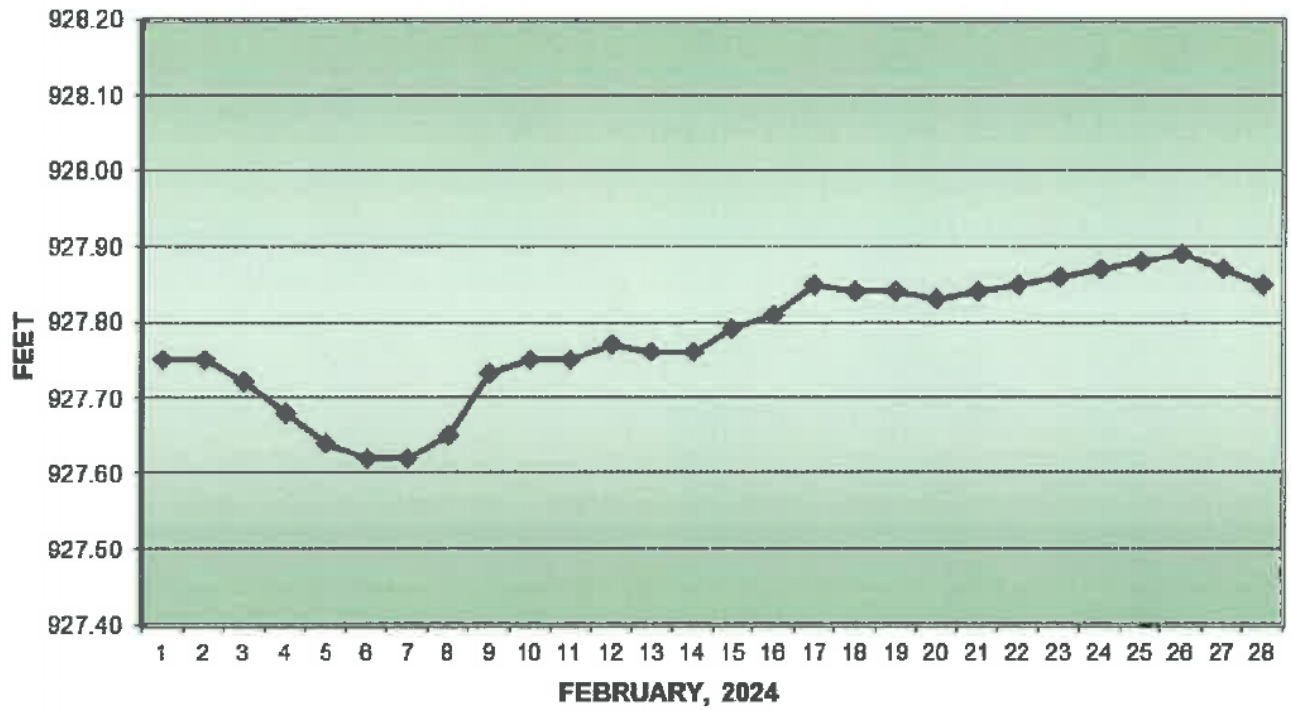
PRECIPITATION - DELAVAN LAKE, WI



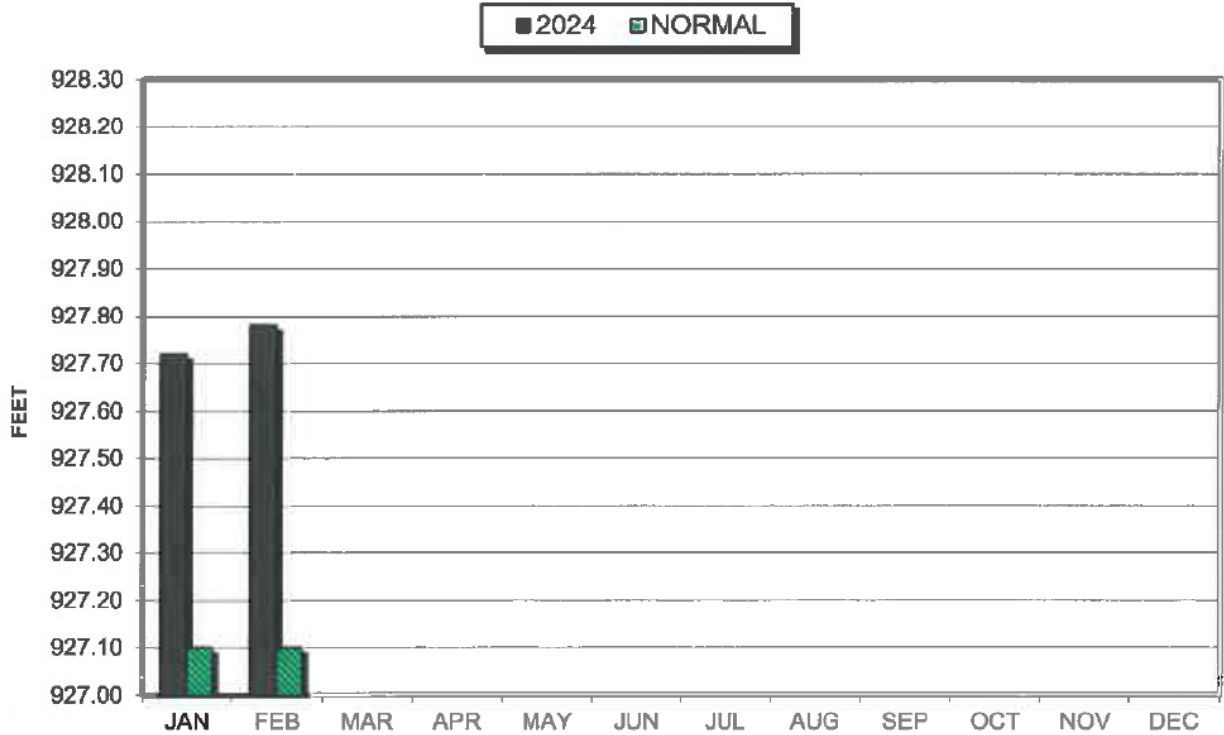
AVERAGE WASTEWATER FLOWS



LAKE ELEVATION - DELAVAN LAKE, WI



AVERAGE LAKE ELEVATION - DELAVAN LAKE, WI



DATA SUMMARY

[illegible]