

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

**ADMINISTRATION**

Furnace failure needed overhaul in the Admin Building, Top Shop Door motor windings failed due to a voltage drop incident that needed repairs.

Conveyors are reconditioned and stored. Harvesters with bad fuel lines and one with alternator are in progress for rehab.

Sewer crew is investigating potential sewer leaks in main sewer line west of Borg Road and finishing up investigating deteriorated manholes in View Crest easement that need repairs and leaks fixed.

Shodeen's development engineering reviews are in progress and should be completed to begin a developer's agreement.

Lift Station #2 piping, valves and generators are slated for delivery in early February to begin piping work and setting up for by-passing the lift station by mid-February.

Staff assisted Township with a failed gate at the dam in an open position. Crane Engineering also assisted to dismantle gear box that failed for service.

**SEWER SYSTEM OPERATIONS**

**Building Sewer Connections**

**New Connections for the Month - 1**

**Reconnections for the Month - 1**

**Disconnections for the Month - 2**

**Total Number of Structures Connected to Date - 3,095**

**Total ERU Count for the Month - 4,006**

**Operation and Maintenance**

**Average January Daily Wastewater Flow to WalCoMet - 479,387 gallons**

**Peak January Flow - 791,050 gallons**

**Diggers Requests Marked for the Month - 26**

**Emergency Call Outs - 2**

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

### **Lake Monitoring/Lake Level**

**Precipitation Total for the Month – 1.70 inches**  
**Below Normal – 2.05 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 – 927.73 feet**  
**Number of Dam Inspections – 31**

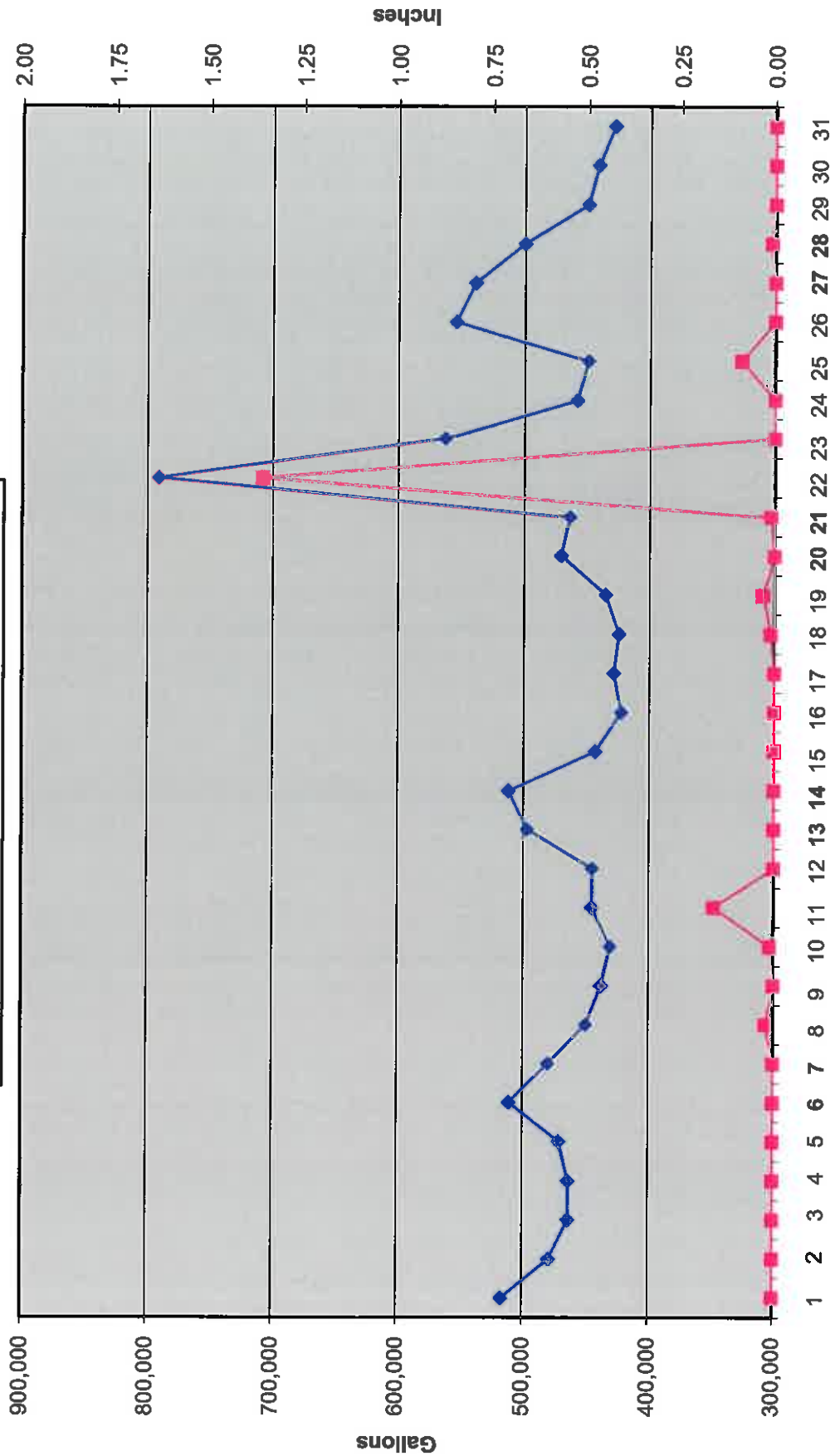
*See attached Gate Setting Chart.*

### **Lake Committee**

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

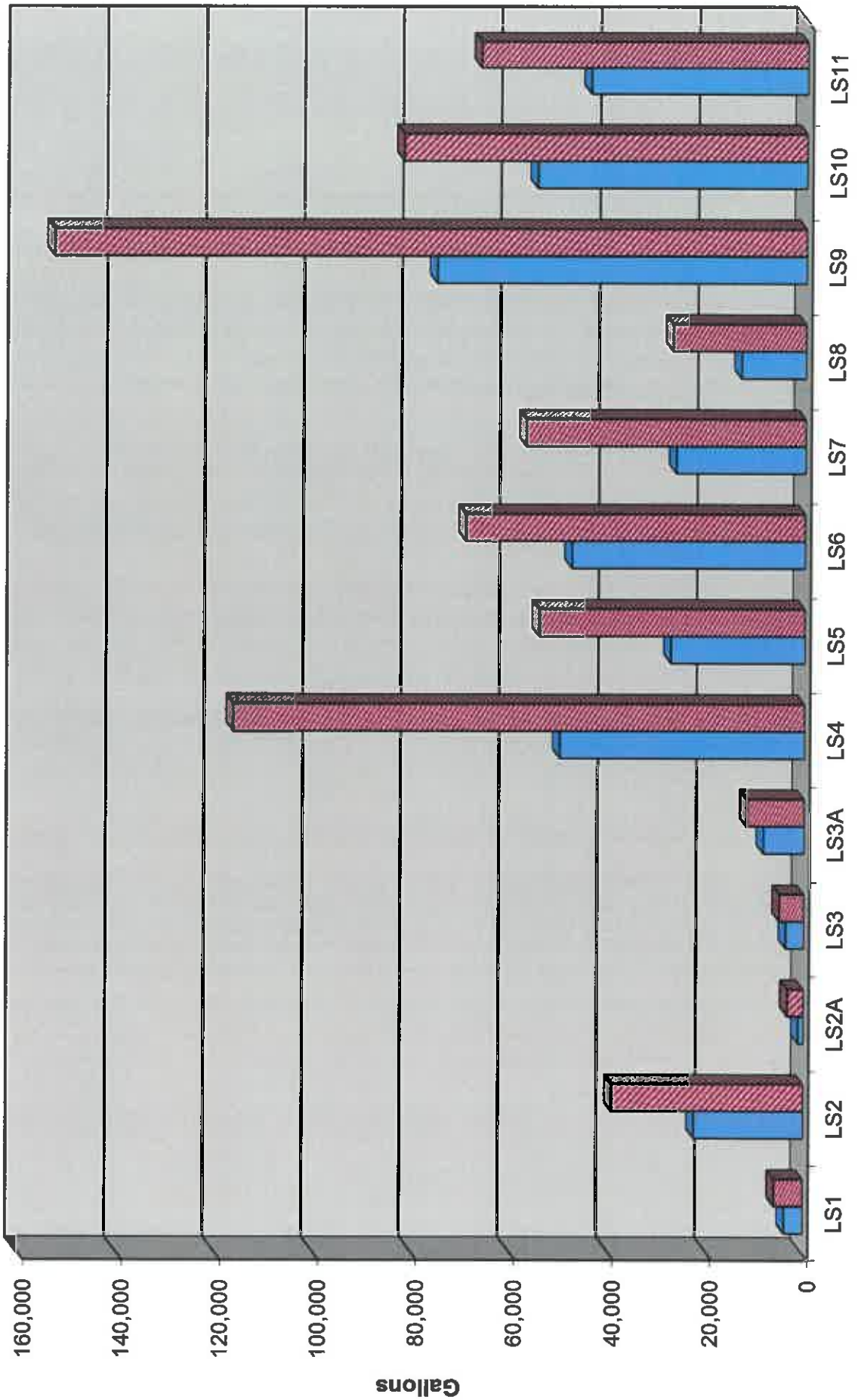
Attachments

Wastewater Flow/Precipitation - January, 2018

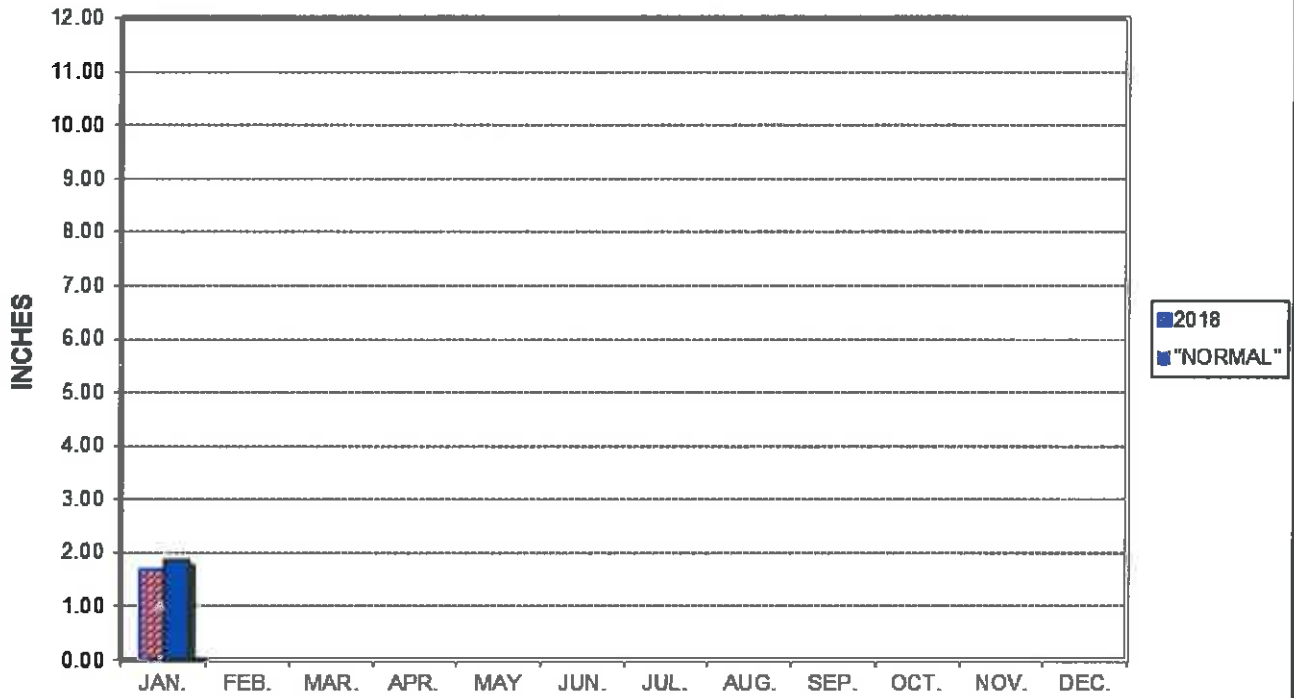


Average Daily Flow/Peak Flow by Area-January, 2018

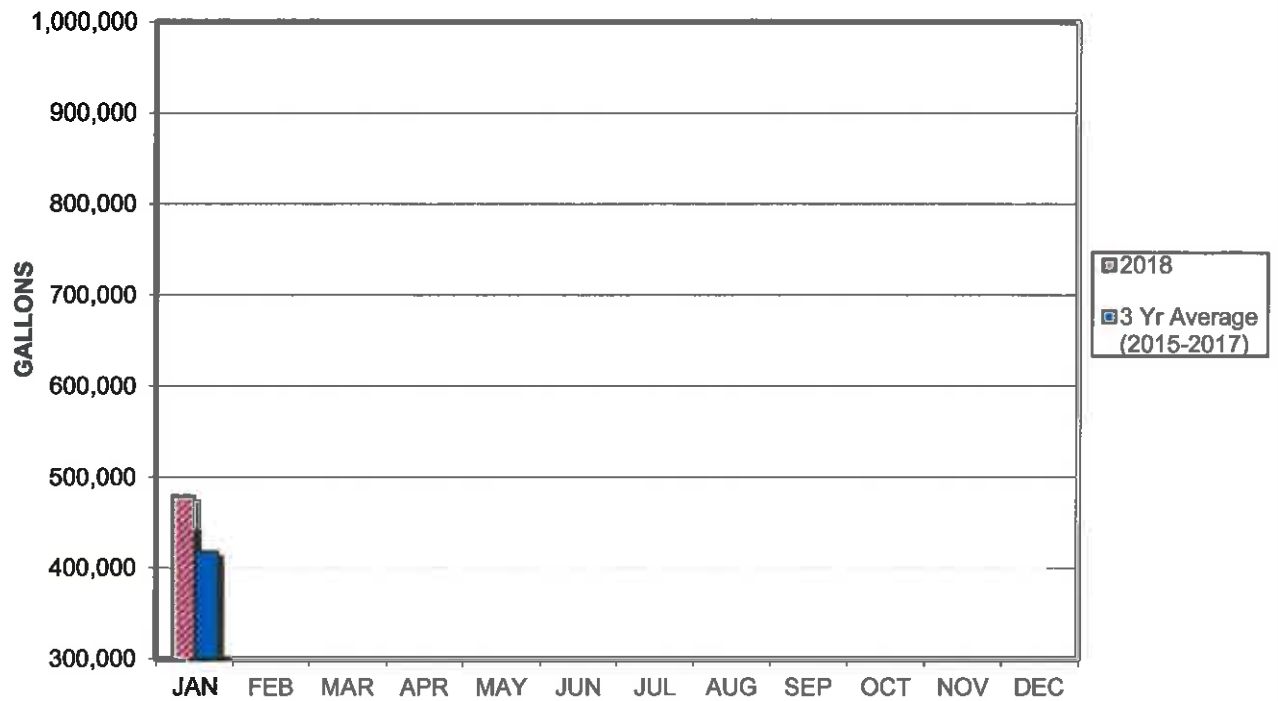
■ Average ■ Peak



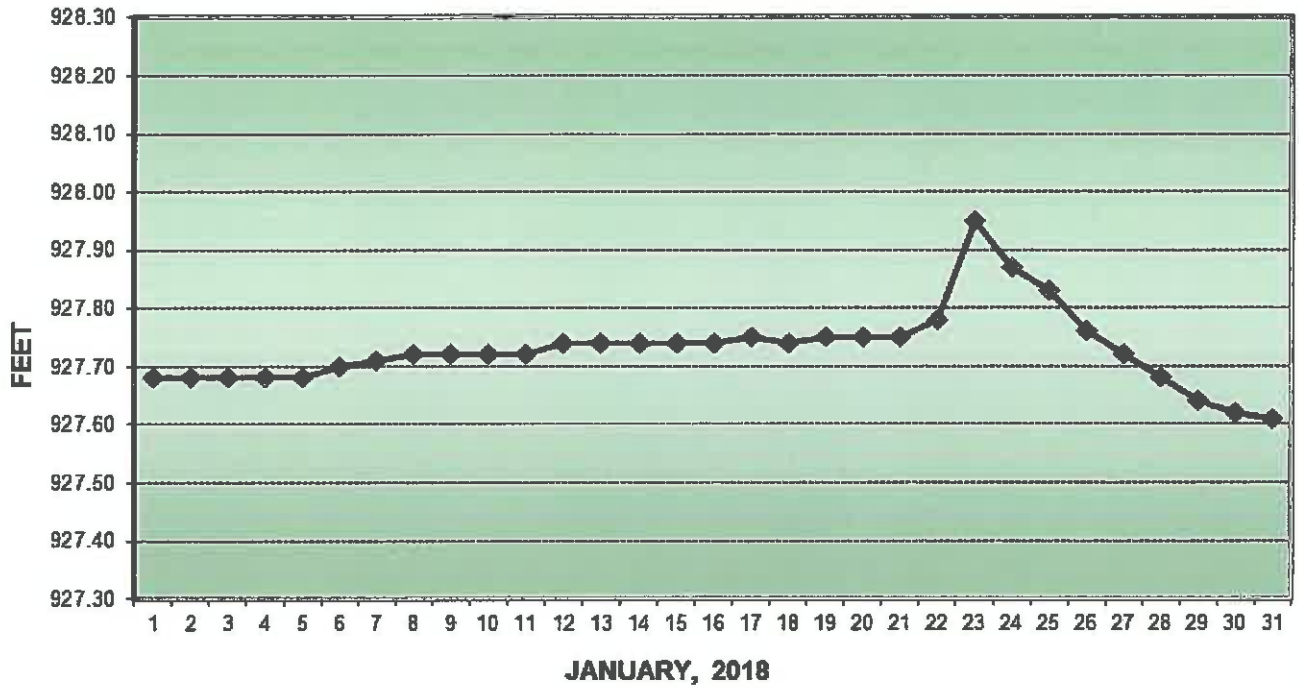
### PRECIPITATION - DELAVAN LAKE, WI



### AVERAGE WASTEWATER FLOWS



### LAKE ELEVATION - DELAVAN LAKE, WI



### AVERAGE LAKE ELEVATION - DELAVAN LAKE, WI

