

**DELAVAN LAKE SANITARY DISTRICT  
ADMINISTRATOR'S REPORT  
JANUARY ACTIVITY 2023**

**ADMINISTRATION**

All lake equipment is undergoing repairs.

2021 Generator ordered is delayed until 2023.

Meetings are being set for future sewer extensions.

HWY O project was awarded to Reesmans' Excavation and the pre-construction meeting has been completed.

Interviews have begun for Lake Manager's position.

**SEWER SYSTEM OPERATIONS**

**Building Sewer Connections**

**New Connections for the Month - 1**

**Reconnections for the Month - 2**

**Disconnections for the Month - 0**

**Total Number of Structures Connected to Date - 3,121**

**Total ERU Count for the Month - 4,036**

**Operation and Maintenance**

**Average January Daily Wastewater Flow to WalCoMet - 423,872 gallons**

**Peak January Flow - 486,584 gallons**

**Diggers Requests Marked for the Month - 33**

**Emergency Call Outs - 0**

**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 January, 2023*  
*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, 2023*  
*Lake Elevation comparison with "normal"*

## **Lake Monitoring/Lake Level**

**Precipitation Total for the Month – 1.67 inches**

**Below Normal – .20 inches**

**Ice Off Date – March 23, 2022**

**Ice On Date – December 19, 2022**

**Secchi Disc Reading Main Lake – 15.0 feet on 11/1/2022**

*See attached Lake Elevation Graph and Chart.*

## **Lake Information**

**DNR Lake Level Goal – 927.86 feet**

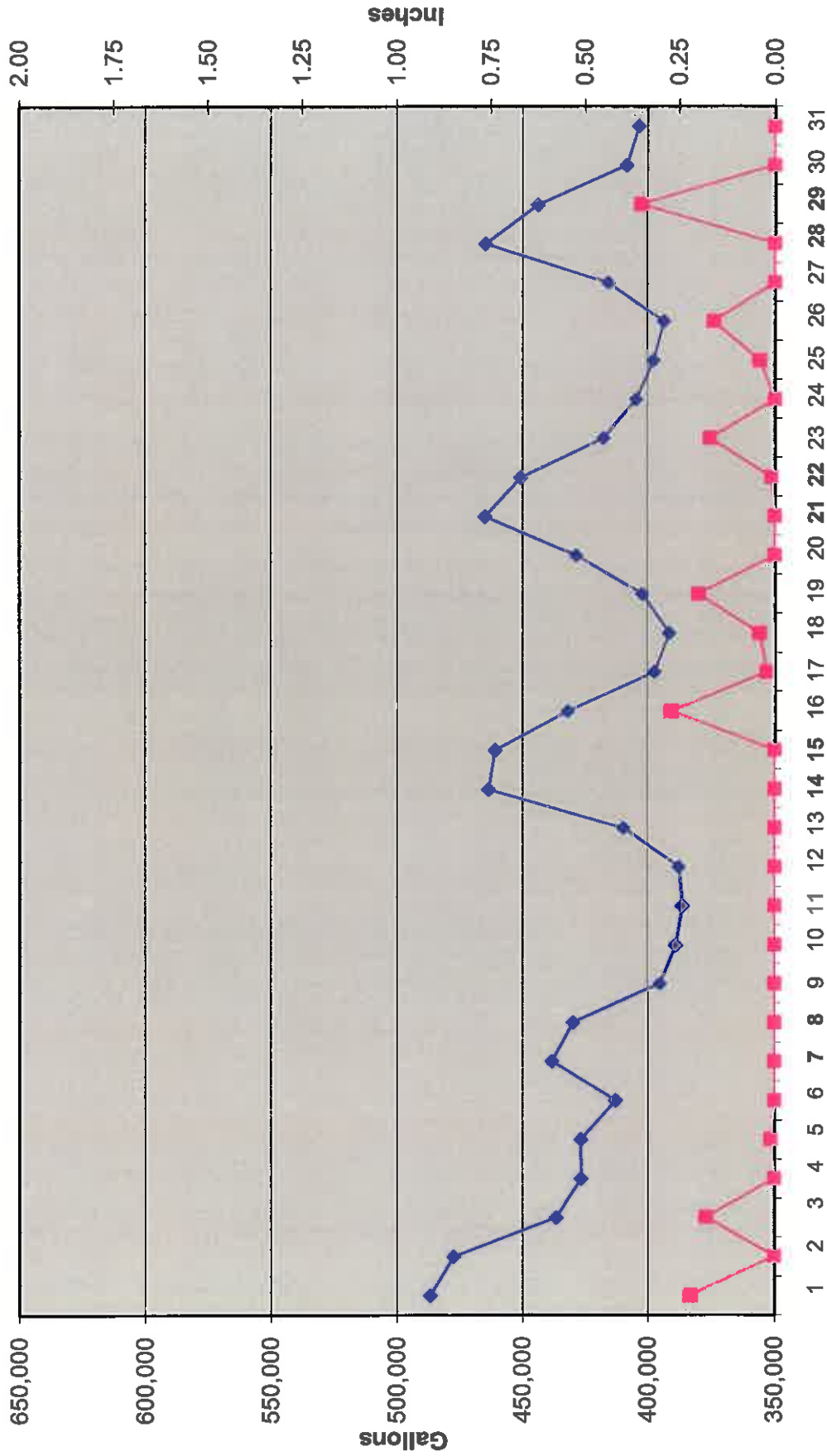
**Average Lake Elevation – 927.71 feet**

## **Lake Committee**

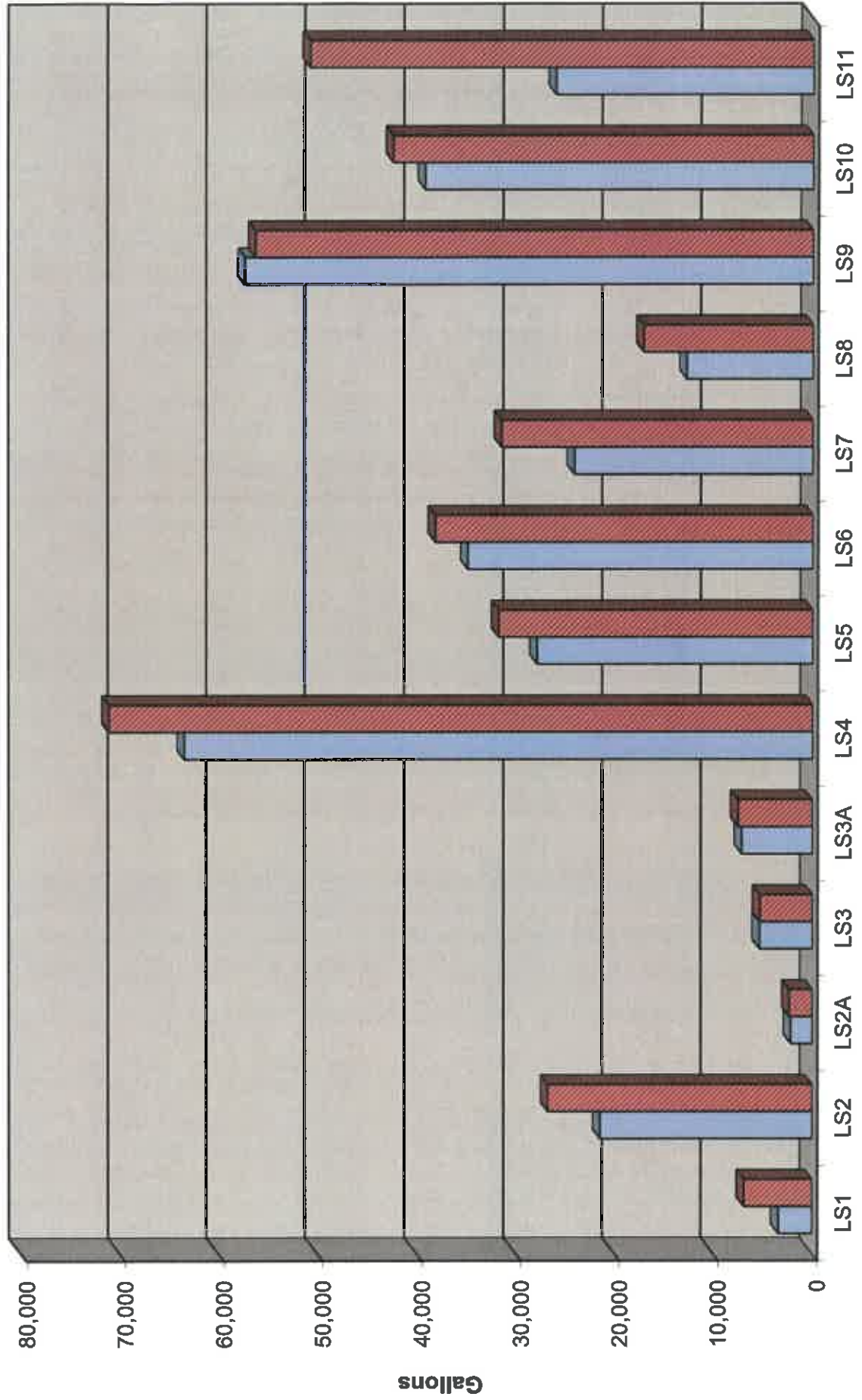
The next meeting of the Lake Committee is scheduled for 7:00 P.M. on Wednesday, March 1, 2023 at the Town Hall.

## **Attachments**

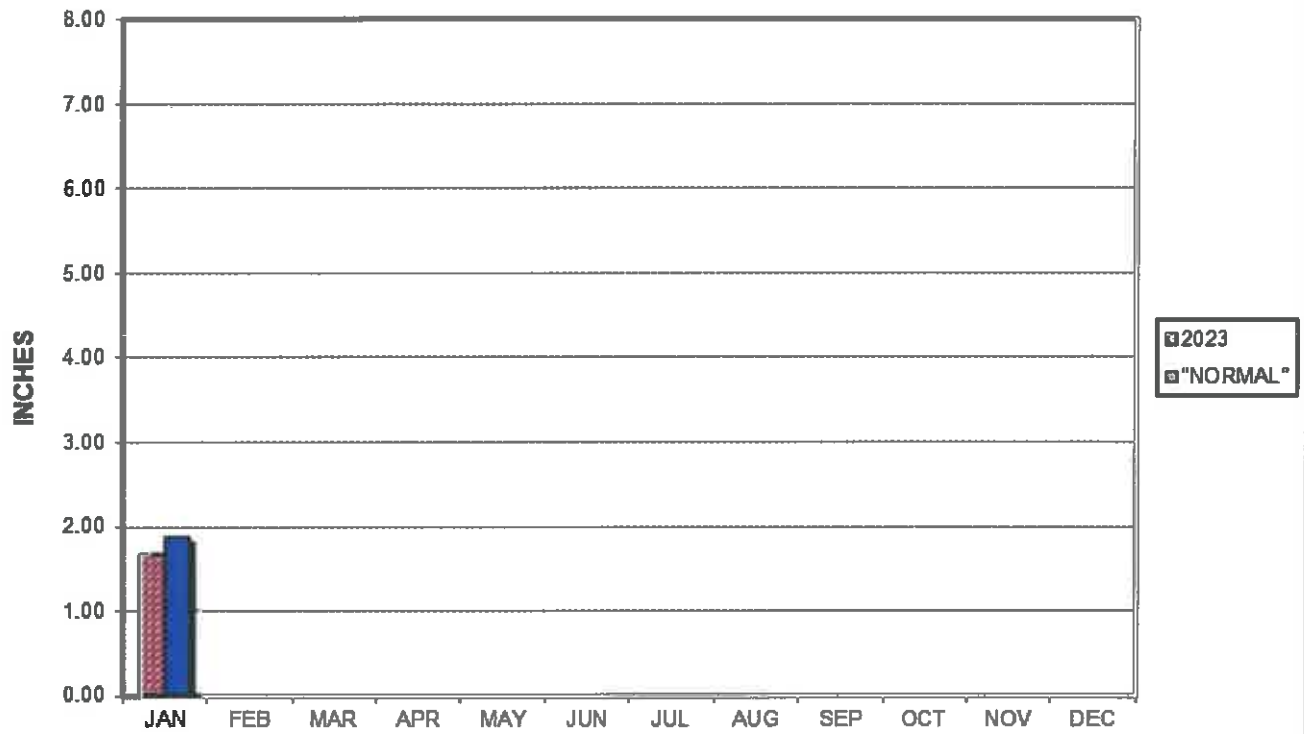
### Wastewater Flow/Precipitation - January, 2023



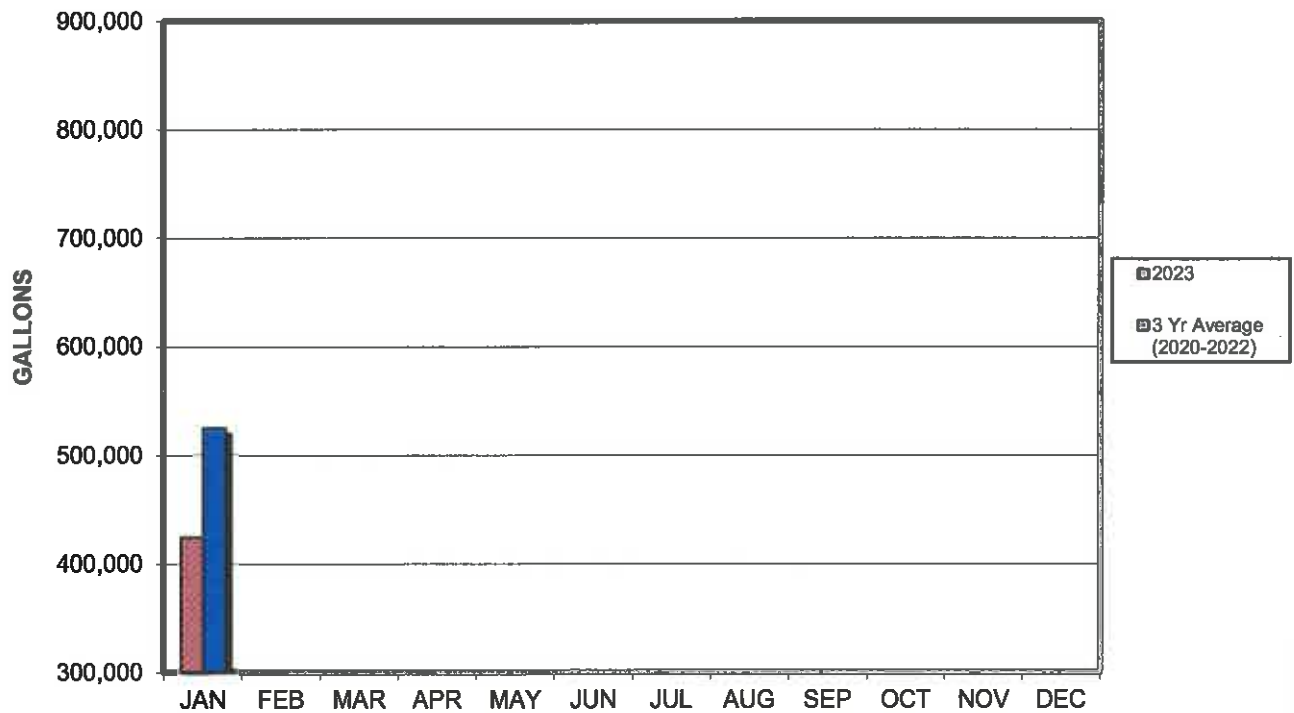
Average Daily Flow/Peak Flow by Area-January, 2023



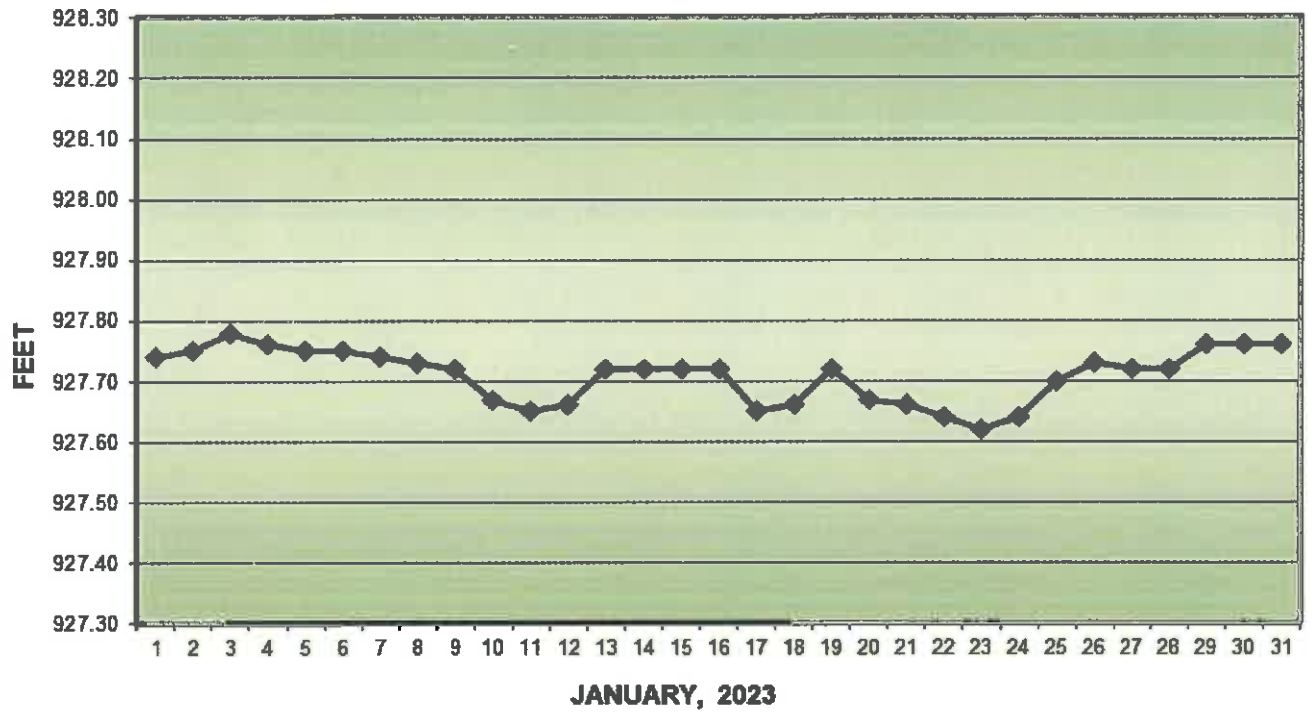
### PRECIPITATION - DELAVAN LAKE, WI



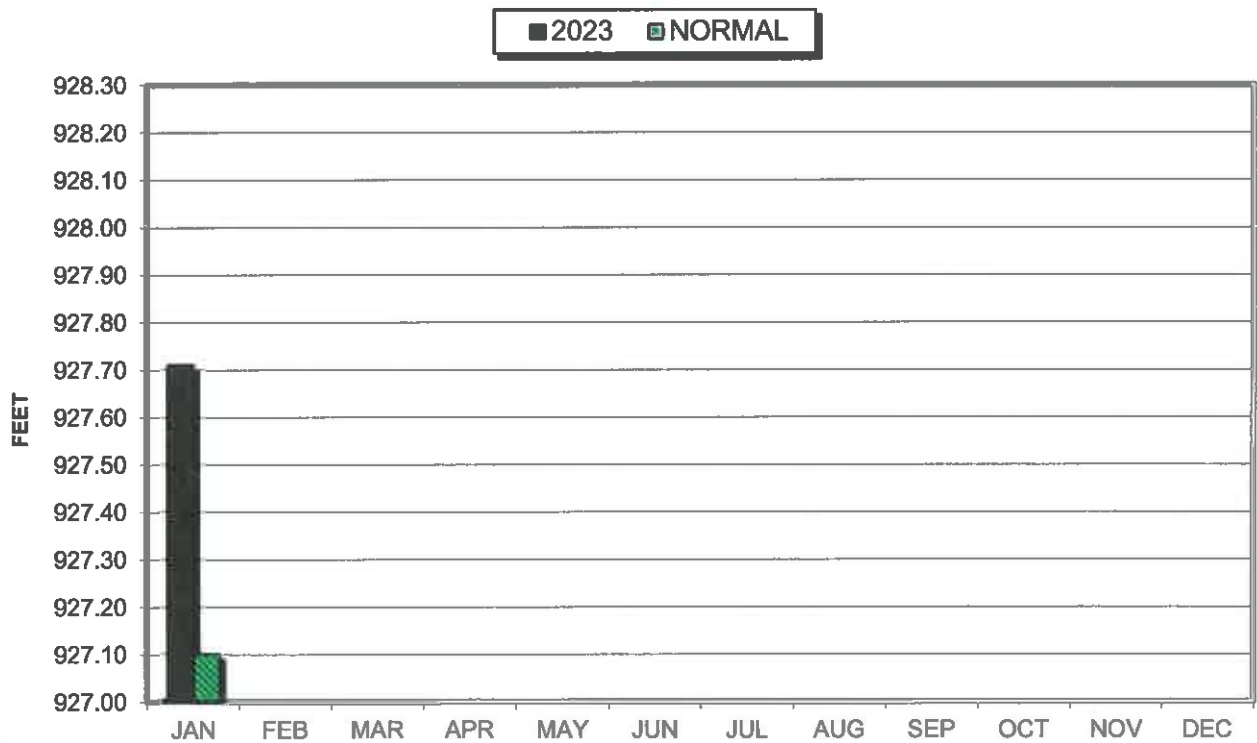
### AVERAGE WASTEWATER FLOWS



### LAKE ELEVATION - DELAVAN LAKE, WI



### AVERAGE LAKE ELEVATION - DELAVAN LAKE, WI



**DATA SUMMARY  
DELAVAN LAKE, WISCONSIN**

Month	Ice On Date	Ice Off Date	Air Temperature			Precipitation		Lake Water Temp.	Average Lake Elevation	Secchi Disc		Cubic Yards Harvested	
			Max.	Min.	Mean	Month (In Inches)	Yr to Date (In Inches)			Average (In Feet)	Maximum (In Feet)	Month	YTD
<b>2021</b>													
JAN	1/21/21		38	-6	22	1.39	1.39	-	927.58	-	-	-	-
FEB			47	-15	16	1.45	2.84	-	927.50	-	-	-	-
MAR		3/18/21	65	9	37	1.54	4.38	-	927.67	-	-	-	-
APR			84	21	53	0.76	5.14	46	927.75	8.7	9	-	-
MAY			88	30	59	1.52	6.66	67	927.87	18.3	32.0	547	547
JUN			95	46	71	2.58	9.24	76	927.84	10.1	19.5	2495	3042
JUL			92	52	72	2.87	12.11	78	927.89	10.2	14.0	1800	4842
AUG			93	51	72	3.96	16.07	77	927.78	9.0	12.0	1910	6752
SEP			89	45	67	1.33	17.40	66	927.53	7.8	11.0	595	7347
OCT			87	29	58	4.78	22.18	67	927.55	9.3	11.0	59	7406
NOV			66	15	41	0.46	22.64	51	927.57	9.7	13	-	-
DEC			64	7	35	1.81	24.45	-	927.61	-	-	-	-
<b>2022</b>													
JAN	1/10/22		40	-18	11	0.63	0.63	-	927.72	-	-	-	-
FEB			49	-3	23	0.77	1.40	-	927.70	-	-	-	-
MAR		3/23/22	73	6	34	2.91	4.31	-	927.80	-	-	-	-
APR			81	24	52	5.05	9.36	42	927.88	20.0	20.0	387	387
MAY			91	33	62	2.42	11.78	62	927.90	12.7	20.0	2184	2571
JUN			98	47	72	2.21	13.99	74	927.87	9.7	13.0	1431	4002
JUL			90	52	71	2.98	16.97	79	927.68	8.7	10.0	1585	5587
AUG			92	52	72	4.28	21.25	79	927.60	6.6	9.0	305	5892
SEP			85	35	60	7.51	28.76	59	927.85	6.7	7.0	-	-
OCT			78	29	54	1.67	30.43	-	927.79	-	-	-	-
NOV			75	9	42	1.23	31.66	51	927.77	12.3	15.0	-	-
DEC	12/19/22		56	-13	22	1.67	33.33	-	927.72	-	-	-	-
<b>2023</b>													
JAN			49	-14	18	1.67	1.67	-	927.71	-	-	-	-