

**DELAVAN LAKE SANITARY DISTRICT
ADMINISTRATOR'S REPORT
MARCH ACTIVITY 2024**

ADMINISTRATION

Borg Rd. Interceptor sewer metering system has been repaired.

Lift Station #3 and #10 generators finally arrived after a long waiting period. Scheduling install dates forth coming.

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 #2A and #5 lift station repairs and upgrades are being held up by county in violation of a court decisions from the View Crest manhole repairs. There is continued push back by the county to resist the maintenance and efforts to maintain the public sewer system and continue the protection of the public and environment.

Shores of Delavan easements and agreements are signed and approved and turned over to Shodeen to wrap up and record.

SEWER SYSTEM OPERATIONS

Building Sewer Connections

New Connections for the Month - 0
Reconnections for the Month - 0
Disconnections for the Month - 1
Total Number of Structures Connected to Date - 3,131
Total ERU Count for the Month - 4,053

Operation and Maintenance

Average March Daily Wastewater Flow to WalCoMet - 494,636 gallons
Peak March Flow - 714,210 gallons
Diggers Requests Marked for the Month - 75
Emergency Call Outs - 2

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 March, 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 March, 2024
Lake Elevation comparison with "normal"

Lake Monitoring/Lake Level

Precipitation Total for the Month – 5.31 inches
Above Normal – 2.64 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

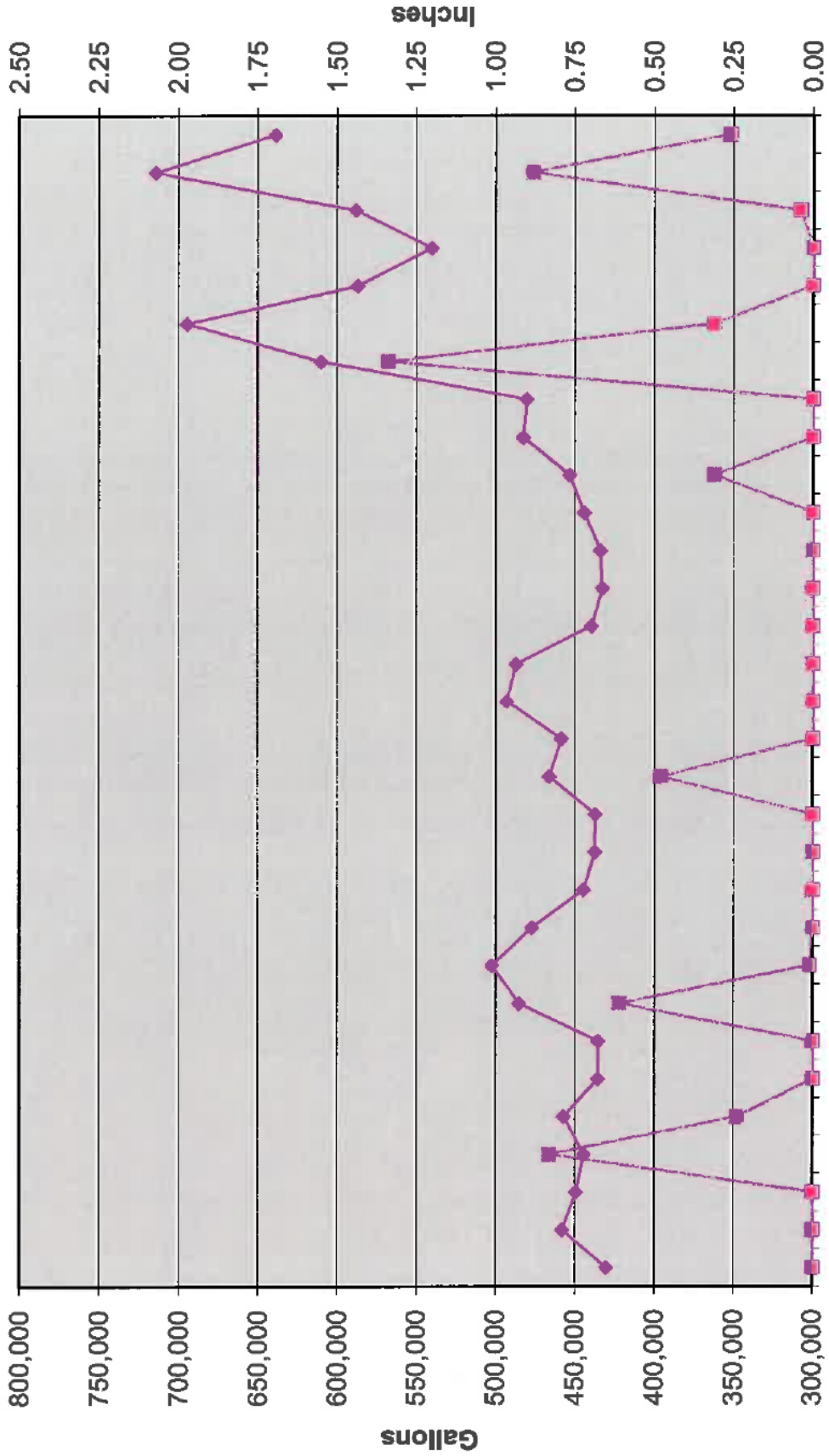
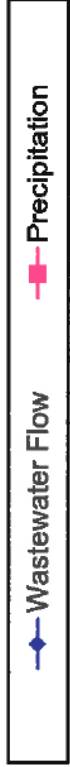
DNR Lake Level Goal – 927.86 feet
Average Lake Elevation – 927.88 feet

Lake Committee

The next meeting of the Lake Committee is scheduled for 7:00 P.M. on Wednesday, May 1, 2024 at the Town Hall.

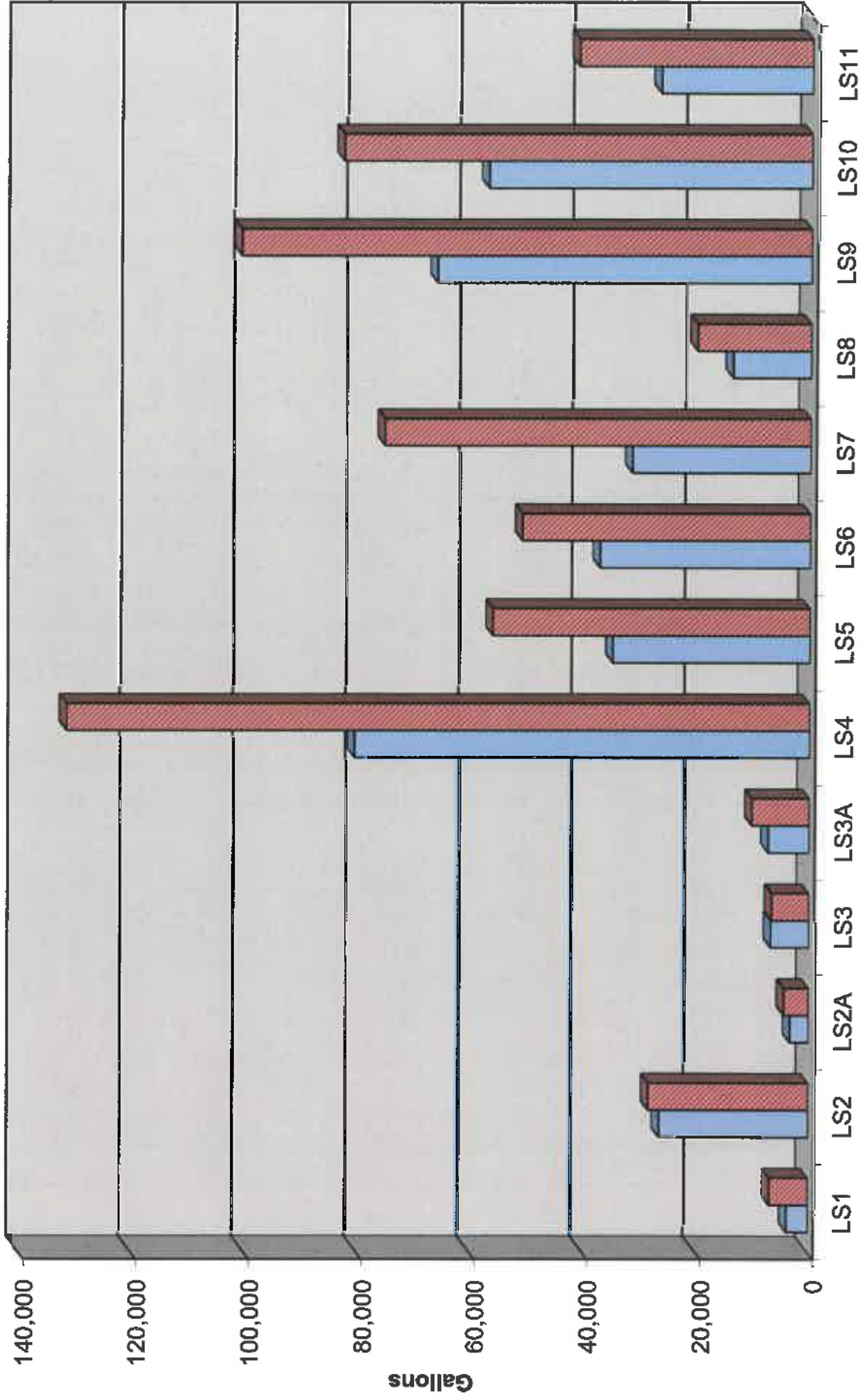
Attachments

Wastewater Flow/Precipitation - March, 2024

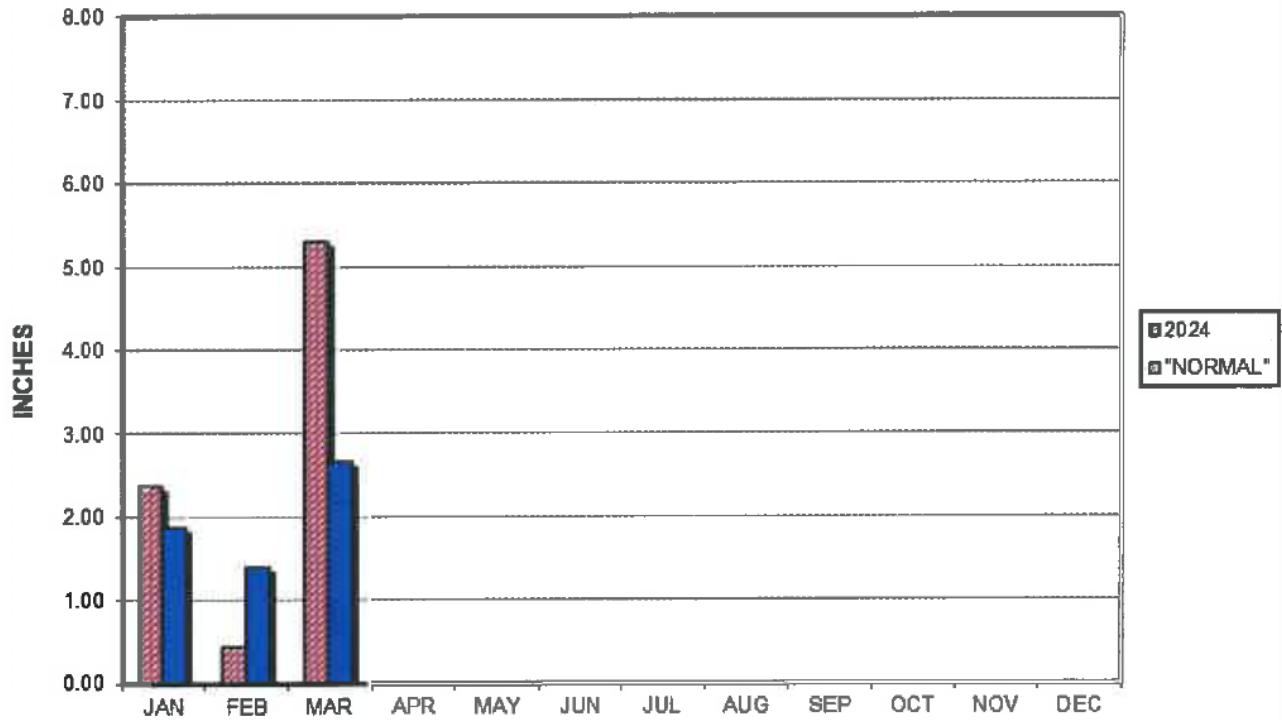


Average Daily Flow/Peak Flow by Area - March, 2024

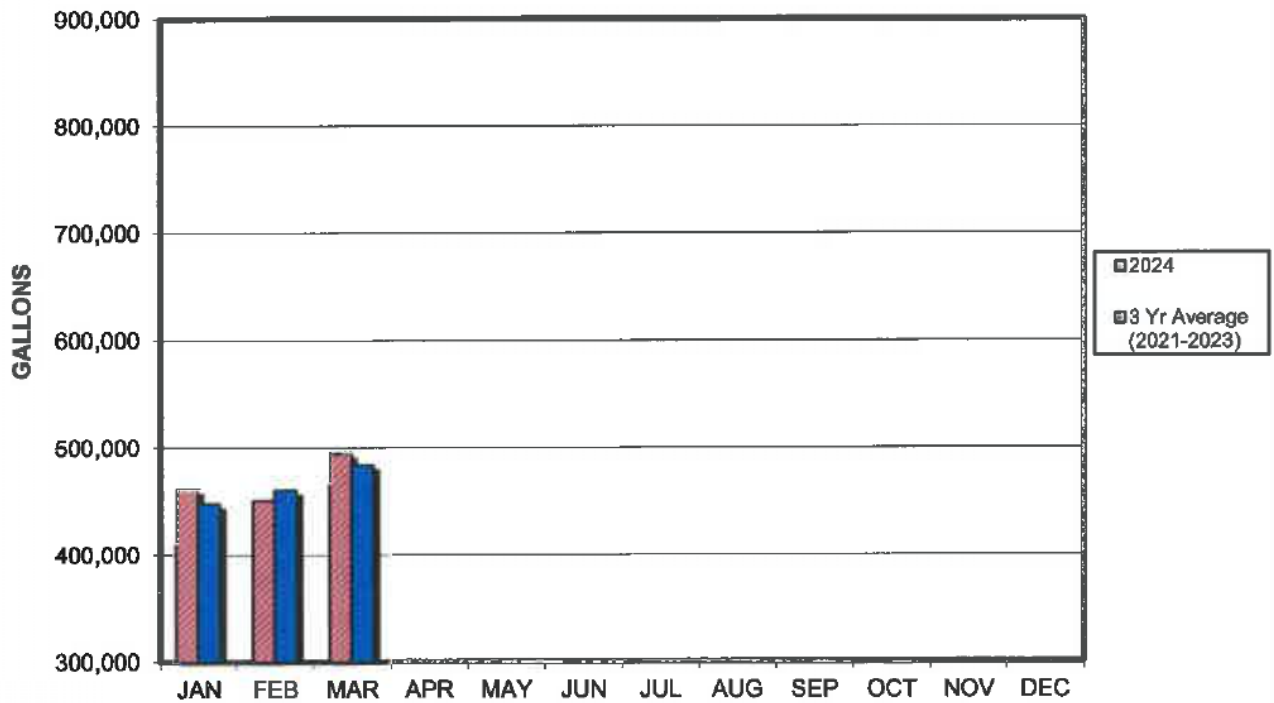
□ Average ■ Peak



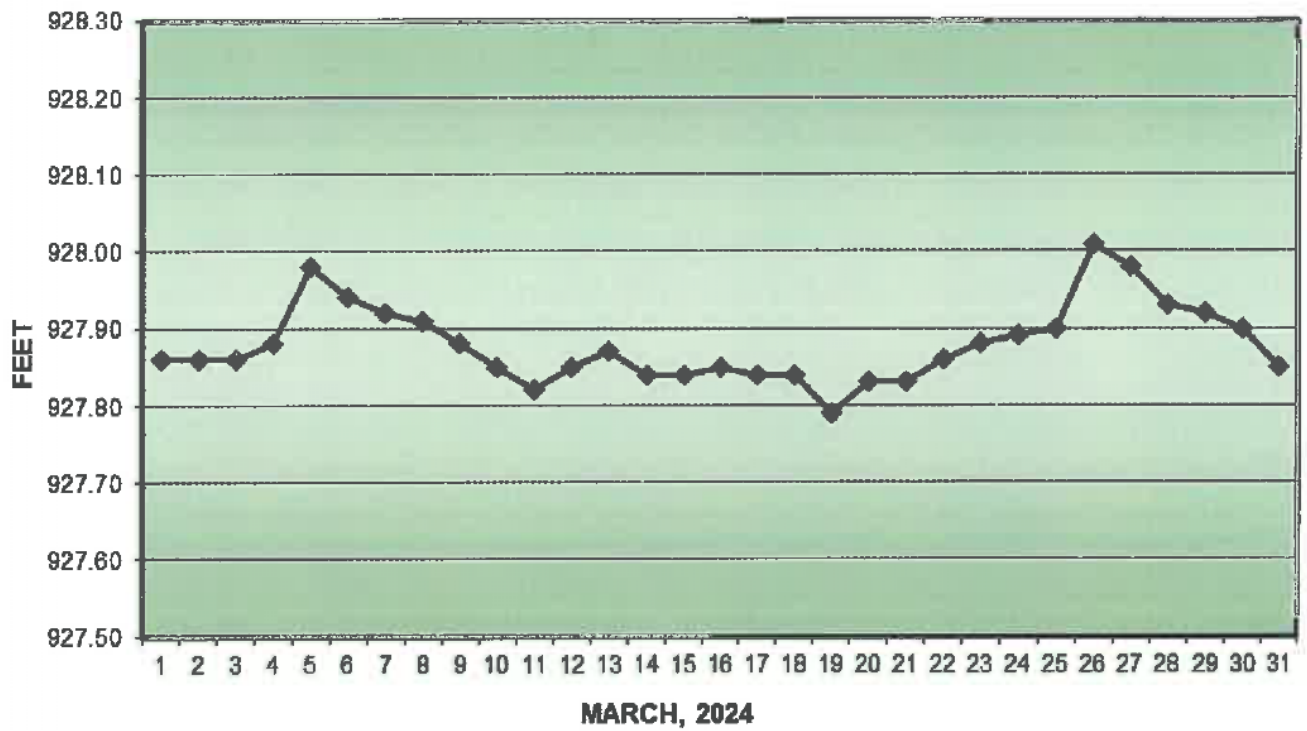
PRECIPITATION - DELAVAN LAKE, WI



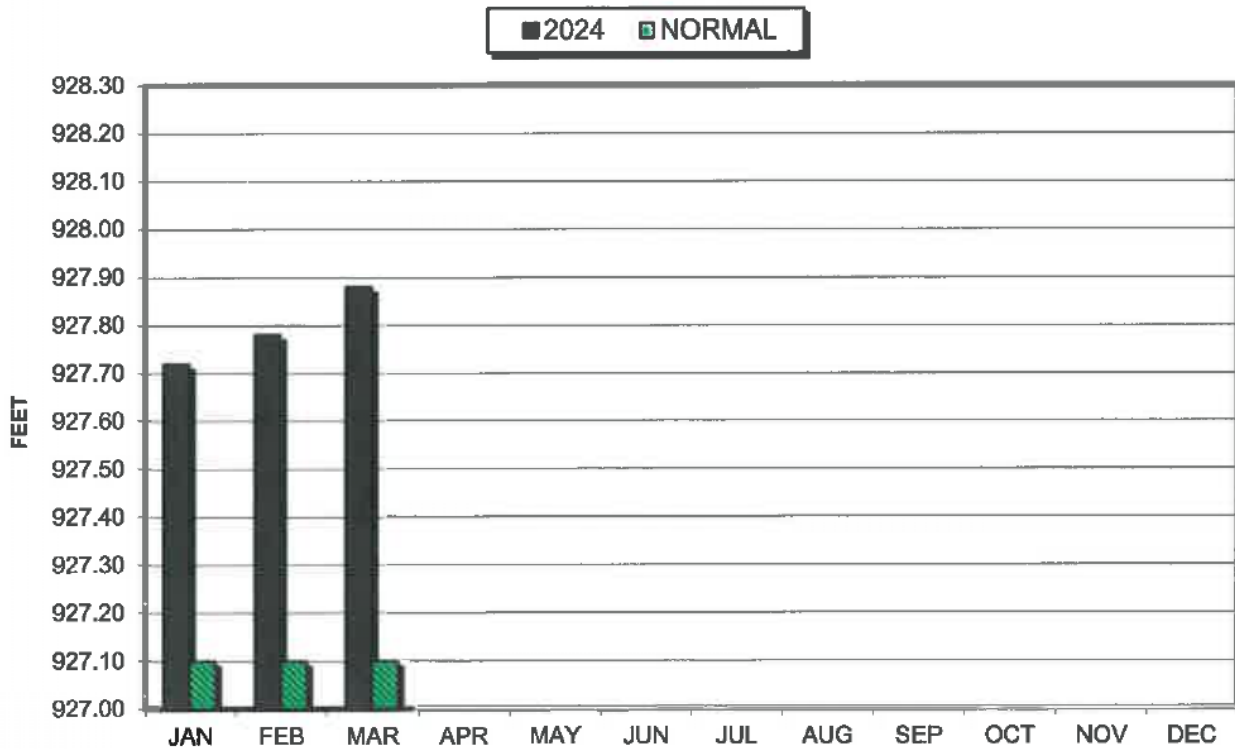
AVERAGE WASTEWATER FLOWS



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
2022													
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	39	5931
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	-	-	-	-
2023													
JAN			49	-14	18	1.67	1.67	-	927.71	-	-	-	-
FEB			51	-7	22	4.14	5.81	-	927.78	-	-	-	-
MAR		3/10/23	69	9	39	2.89	8.70	-	927.81	-	-	-	-
APR			82	26	54	3.87	12.57	49	927.83	8.0	9.0	855	855
MAY			91	35	63	1.45	14.02	62	927.85	21.8	38.0	1553	2408
JUN			92	43	67	1.22	15.24	70	927.73	9.6	17.0	1558	3966
JUL			92	53	72	3.67	18.91	75	927.68	6.0	8.0	1620	5586
AUG			97	44	71	1.88	20.79	76	927.83	7.3	10.0	854	6440
SEP			93	42	68	3.78	24.57	68	927.75	8.7	12.0	146	6586
OCT			86	24	55	3.01	27.58	-	927.89	-	-	-	-
NOV			68	10	39	1.01	28.59	-	927.84	-	-	-	-
DEC			56	13	34	2.13	30.72	-	927.75	-	30.0	-	-
2024													
JAN	1/15/24		38	-16	11	2.36	2.36	-	927.72	-	-	-	-
FEB		2/27/24	74	10	42	0.44	2.80	-	927.78	-	-	-	-
MAR			72	22	47	5.31	8.11	-	927.88	-	-	-	-