

**DELA VAN LAKE SANITARY DISTRICT
ADMINISTRATOR'S REPORT
OCTOBER ACTIVITY 2021**

ADMINISTRATION

View Crest Sewer manhole repairs have begun and should be completed this fall.

Crews rented a backhoe to start repairing manholes on the South Shore project prior to asphalt going down.

Water Clarity still hits 9 to 14 feet.

Harvesting weeds is at a record pace likely due to water clarity doing so well.

Lake Harvesting operations are winding down with more units being pulled this month for service and winterizing.

New Vac truck arrived and once training is complete plans are to put it into use immediately.

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 – 3,111

Total ERU Count for the Month – 4,031

Operation and Maintenance

Average October Daily Wastewater Flow to WalCoMet – 443,652 gallons

Peak October Flow – 508,236 gallons

Diggers Requests Marked for the Month – 101

Emergency Call Outs – 2

Lateral Leaks

Sump Pump Discharges - 4

Current Lateral Leaks - 51

Completed Lateral Leak Orders – 3

The following charts are attached: *Wastewater Flow comparison with Precipitation for October, 2021*

Average Daily Wastewater Flow comparison with Peak Flow

Precipitation comparison with “normal”

Wastewater Flow comparison with “normal”

Environmental Data Summary

Daily Lake Elevation for October, 2021

Lake Elevation comparison with “normal”

Lake Monitoring/Lake Level

Precipitation Total for the Month – 4.78 inches

Above Normal – 2.44 inches

Ice On Date – January 21, 2021

Ice Off Date – March 18, 2021

Secchi Disc Reading Main Lake – 11.0 feet on 10/13/2021

See attached Lake Elevation Graph and Chart.

Lake Information

DNR Lake Level Goal – 927.86 feet

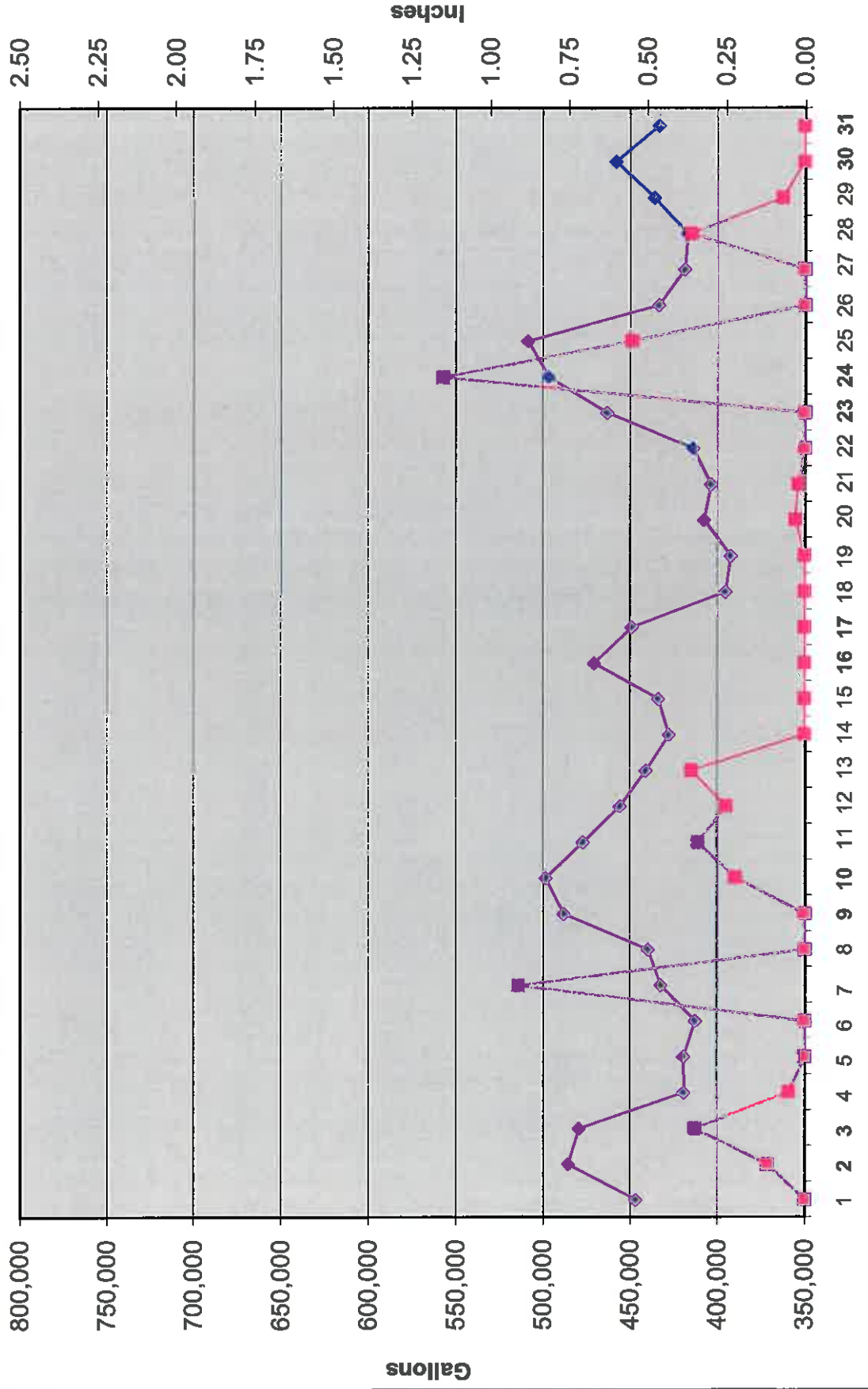
Average Lake Elevation – 927.55 feet

Lake Committee

The next meeting of the Lake Committee is scheduled for 7:00 P.M. on Wednesday, December 1, 2021 at the Town Hall.

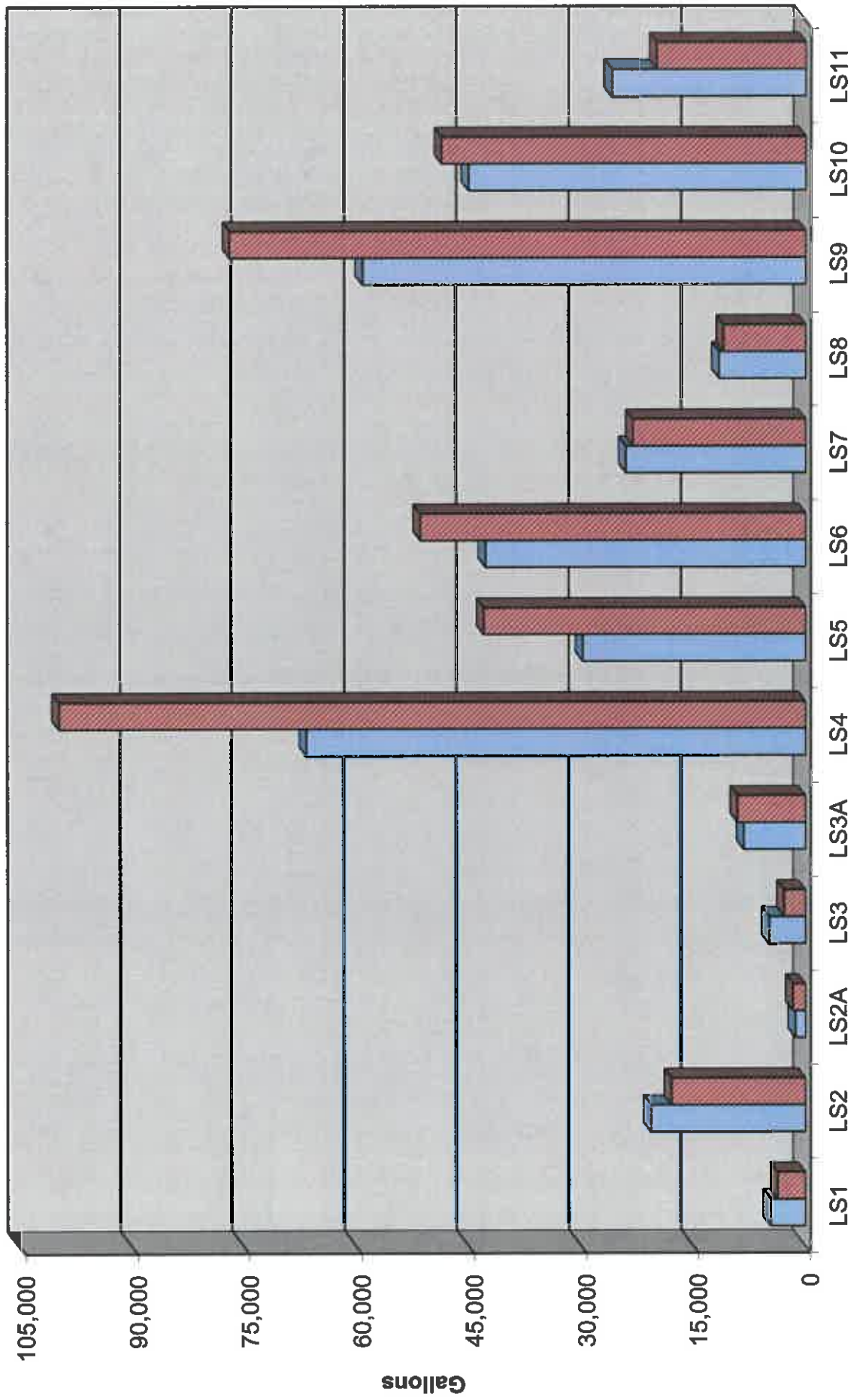
Attachments

Wastewater Flow/Precipitation - October, 2021

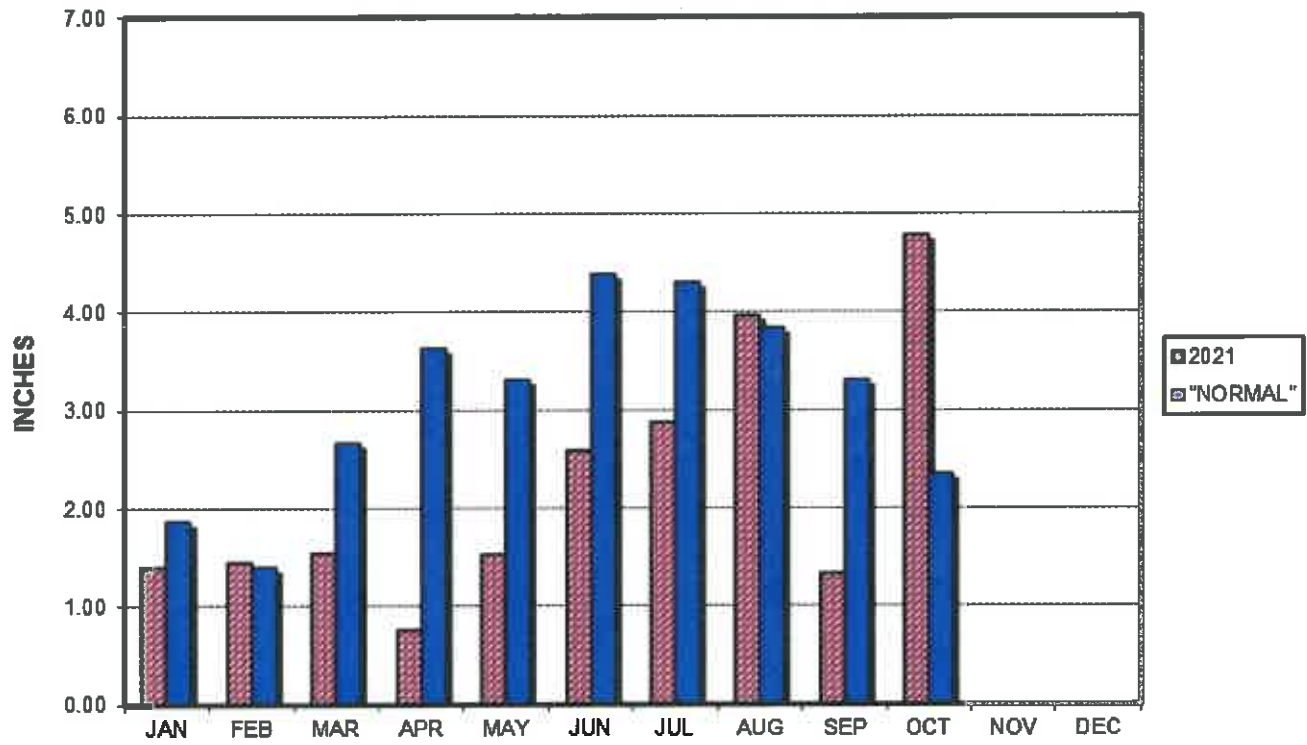


Average Daily Flow/Peak Flow by Area - October, 2021

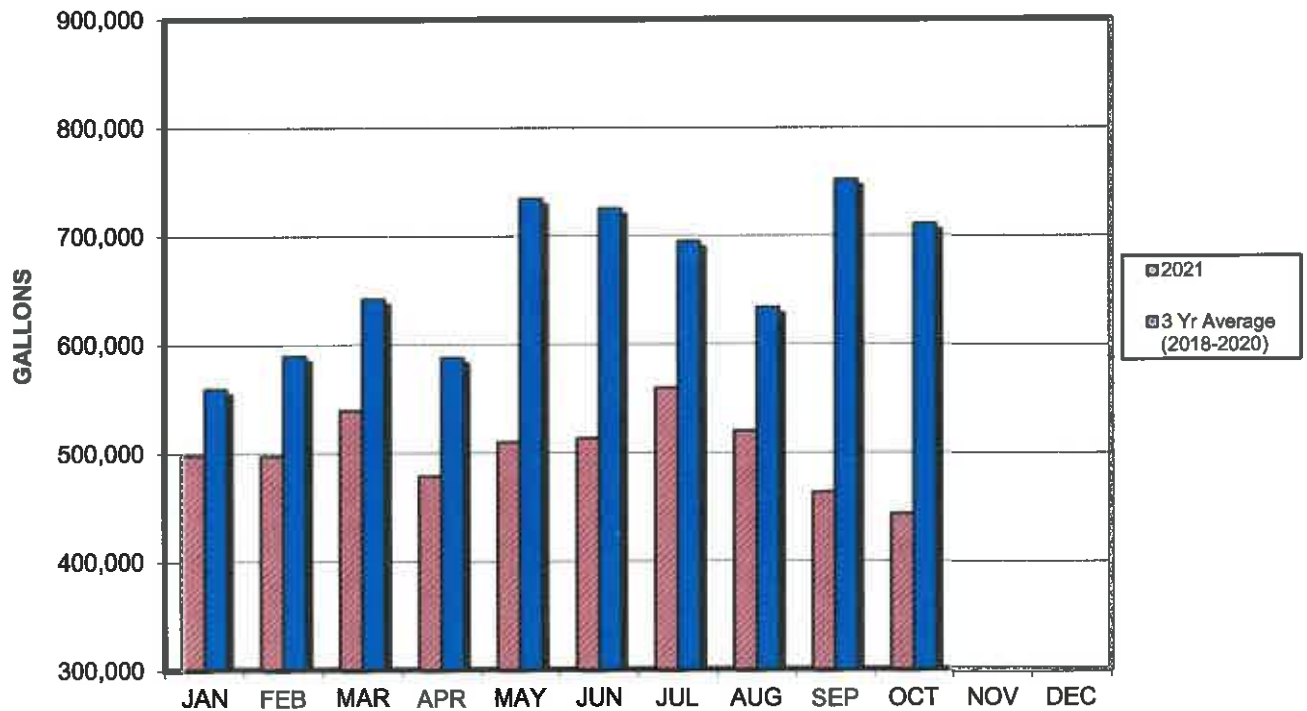
□ Average ■ Peak



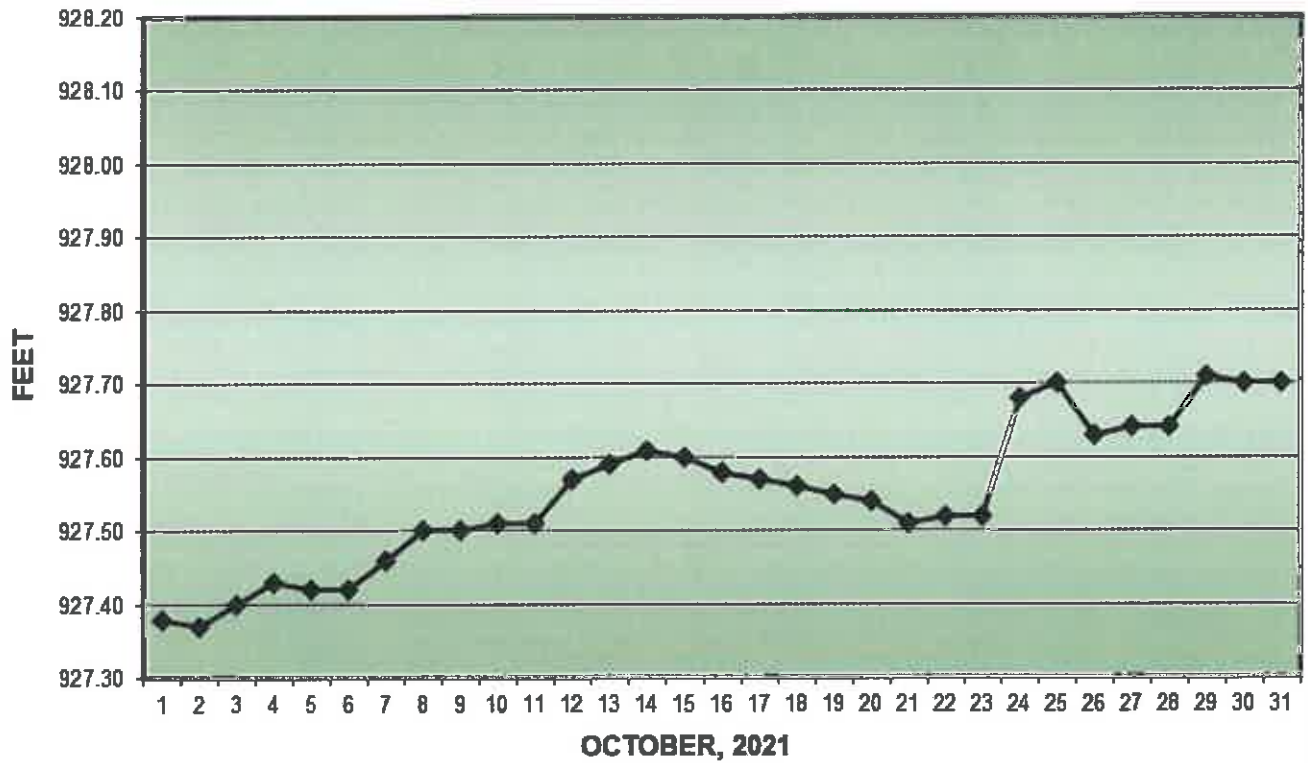
PRECIPITATION - DELAVAN LAKE, WI



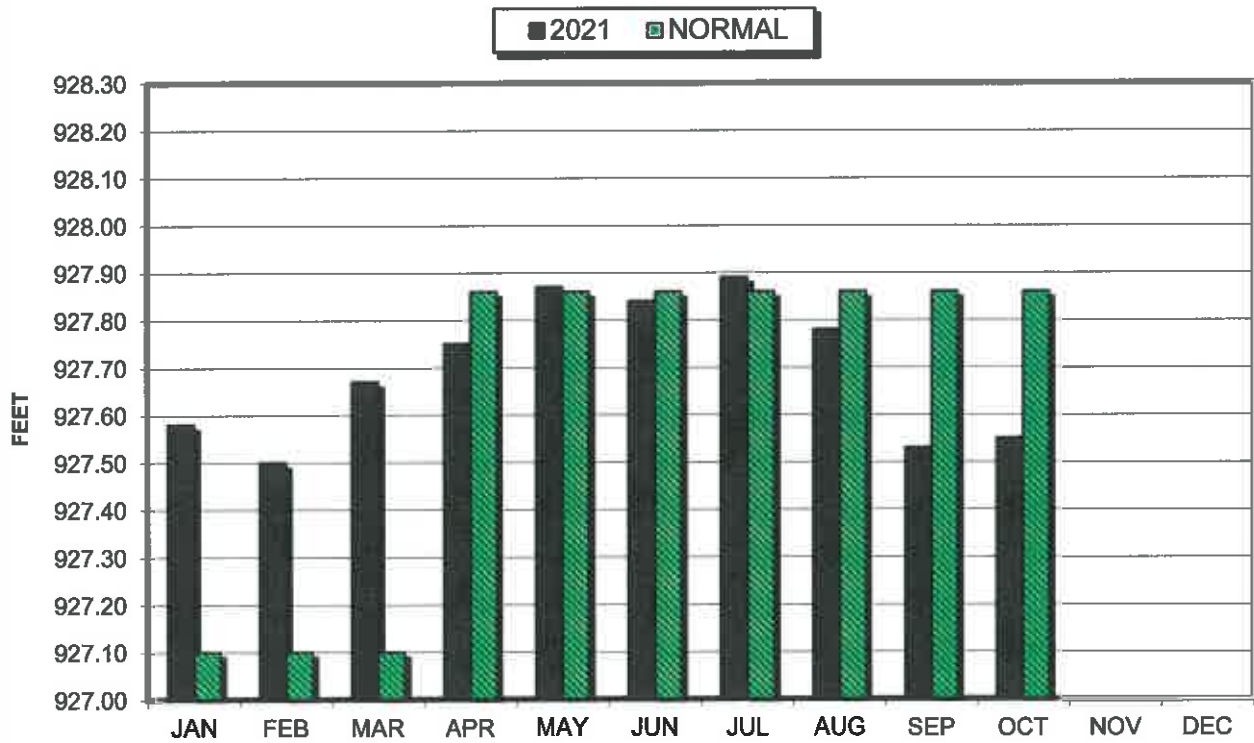
AVERAGE WASTEWATER FLOWS



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.	Month (In Inches)	Yr to Date (In Inches)			Average (In Feet)	Maximum (In Feet)	Month	YTD
2019												
JAN	1/11/19	1/8/19	50	-26	12	2.09	2.09	927.75	-	-	-	-
FEB			44	-4	20	3.35	5.44	927.72	-	-	-	-
MAR		3/27/19	62	-6	28	2.36	7.80	927.78	-	-	-	-
APR			79	19	49	2.01	9.81	927.86	11.0	11.5	-	-
MAY			80	34	57	7.29	17.10	927.82	23.8	26.0	112	112
JUN			92	46	69	5.05	22.15	927.85	15.3	20.0	695	807
JUL			92	54	73	3.68	25.83	927.85	9.0	12.5	1310	2117
AUG			87	51	69	4.89	30.72	927.86	7.3	8.5	1283	3400
SEP			85	48	67	9.26	39.98	927.98	5.8	8.0	359	3759
OCT			76	23	50	5.66	45.64	927.95	6.3	8.0	86	3845
NOV			53	5	24	1.62	47.26	927.63	-	-	-	-
DEC			55	6	25	2.35	49.61	927.58	-	-	-	-
2020												
JAN	1/17/20		48	1	24	2.26	2.26	927.52	-	-	-	-
FEB			46	-13	17	0.31	2.57	927.47	-	-	-	-
MAR		3/13/20	62	22	42	3.33	5.90	927.66	-	-	-	-
APR			78	23	51	3.85	9.75	927.72	10.0	12.0	-	-
MAY			88	28	58	3.60	13.35	927.88	16.4	25.0	202	202
JUN			93	47	70	3.63	16.98	927.85	8.2	17.0	1423	1625
JUL			94	57	76	3.97	20.95	927.87	9.6	13.0	1395	3020
AUG			88	38	50	5.38	26.33	927.90	7.9	9.8	714	3734
SEP			82	34	58	3.65	29.98	927.87	8.3	12.0	169	3903
OCT			82	26	56	2.90	32.88	927.85	6.3	7.0	-	-
NOV			75	22	53	1.92	34.80	927.77	14.7	17	-	-
DEC			56	5	31	1.91	36.71	927.74	-	-	-	-
2021												
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	927.75	8.7	9	-	-
MAY			88	30	59	1.52	6.66	927.87	18.3	32.0	547	547
JUN			95	46	71	2.58	9.24	927.84	10.1	19.5	2495	3042
JUL			92	52	72	2.87	12.11	927.89	10.2	14.0	1800	4842
AUG			93	51	72	3.96	16.07	927.78	9.0	12.0	1910	6752
SEP			89	45	67	1.33	17.40	927.53	7.8	11.0	595	7347
OCT			87	29	58	4.78	22.18	927.55	9.3	11.0	59	7406