

**DELAVAN LAKE SANITARY DISTRICT  
ADMINISTRATOR'S REPORT  
JULY ACTIVITY 2021**

**ADMINISTRATION**

LS#3A rehab project is complete.

LS#1 Culvert was installed for better access.

Water Clarity still hits 14 feet.

Meeting is set-up with Ravenswood and Willow Point to review Lift Station Rehab concerns.

Harvesting weeds is at a record pace.

Talks with the City of Delavan began to discuss the future of Lift Station #11 service area options.

One weed harvester will have the mesh changed to a finer mesh to help pick up duck weed.

Parking area crack sealing will be done August 14<sup>th</sup>.

**SEWER SYSTEM OPERATIONS**

**Building Sewer Connections**

**New Connections for the Month - 1**

**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 – 4,029**

**Operation and Maintenance**

**Average July Daily Wastewater Flow to WalCoMet – 559,748 gallons**

**Peak July Flow – 700,982 gallons**

**Diggers Requests Marked for the Month – 74**

**Emergency Call Outs – 7**

**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 July, 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 July, 2021*  
*Lake Elevation comparison with "normal"*

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

**Precipitation Total for the Month – 2.87 inches**  
**Below Normal – 1.43 inches**  
**Ice On Date – January 21, 2021**  
**Ice Off Date – March 18, 2021**  
**Secchi Disc Reading Main Lake – 14.0 feet on 7/26/2021**

*See attached Lake Elevation Graph and Chart.*

### **Lake Information**

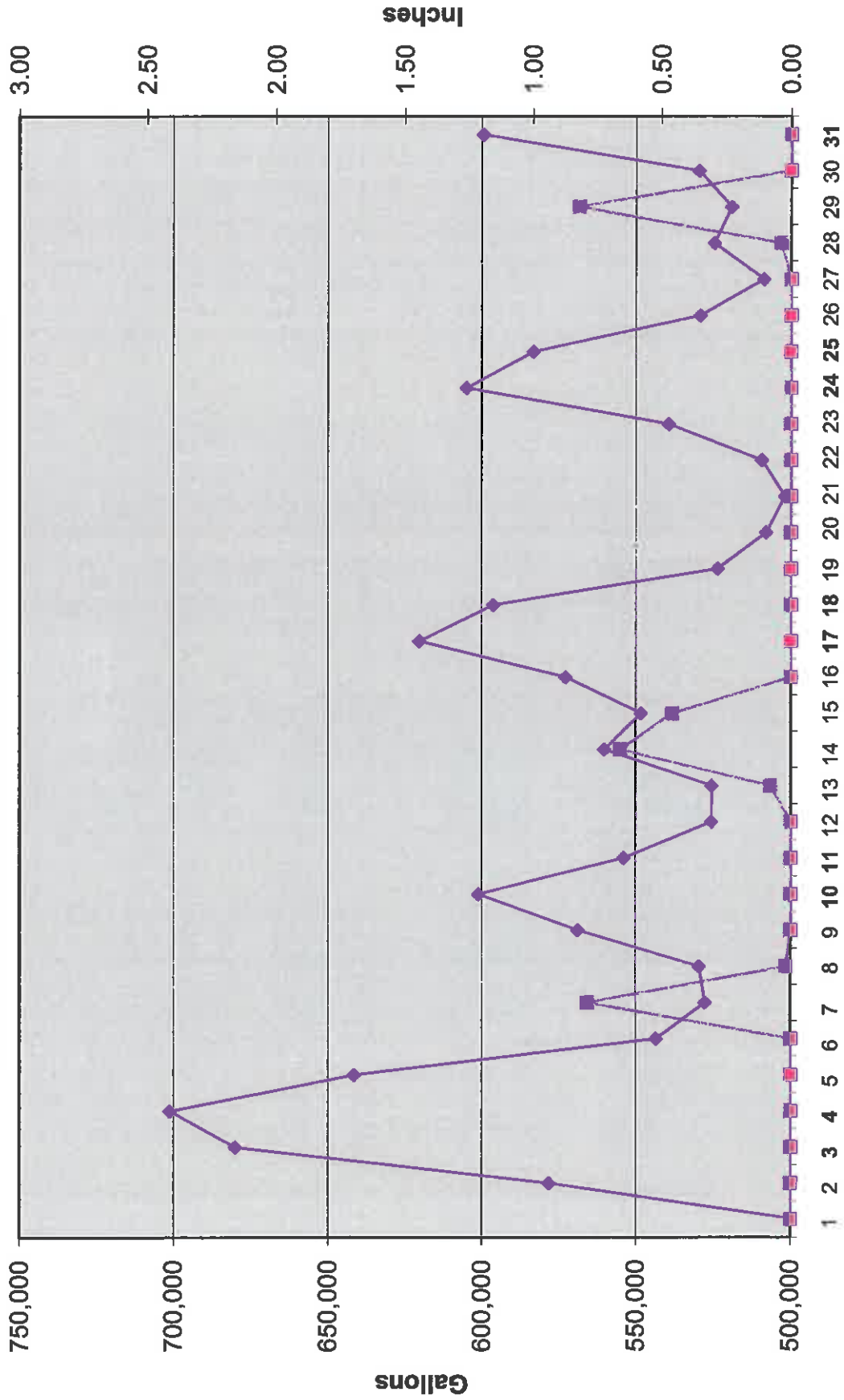
**DNR Lake Level Goal – 927.86 feet**  
**Average Lake Elevation – 927.89 feet**

### **Lake Committee**

The next meeting of the Lake Committee is scheduled for 7:00 P.M. on Wednesday, September 8, 2021 at the Town Hall.

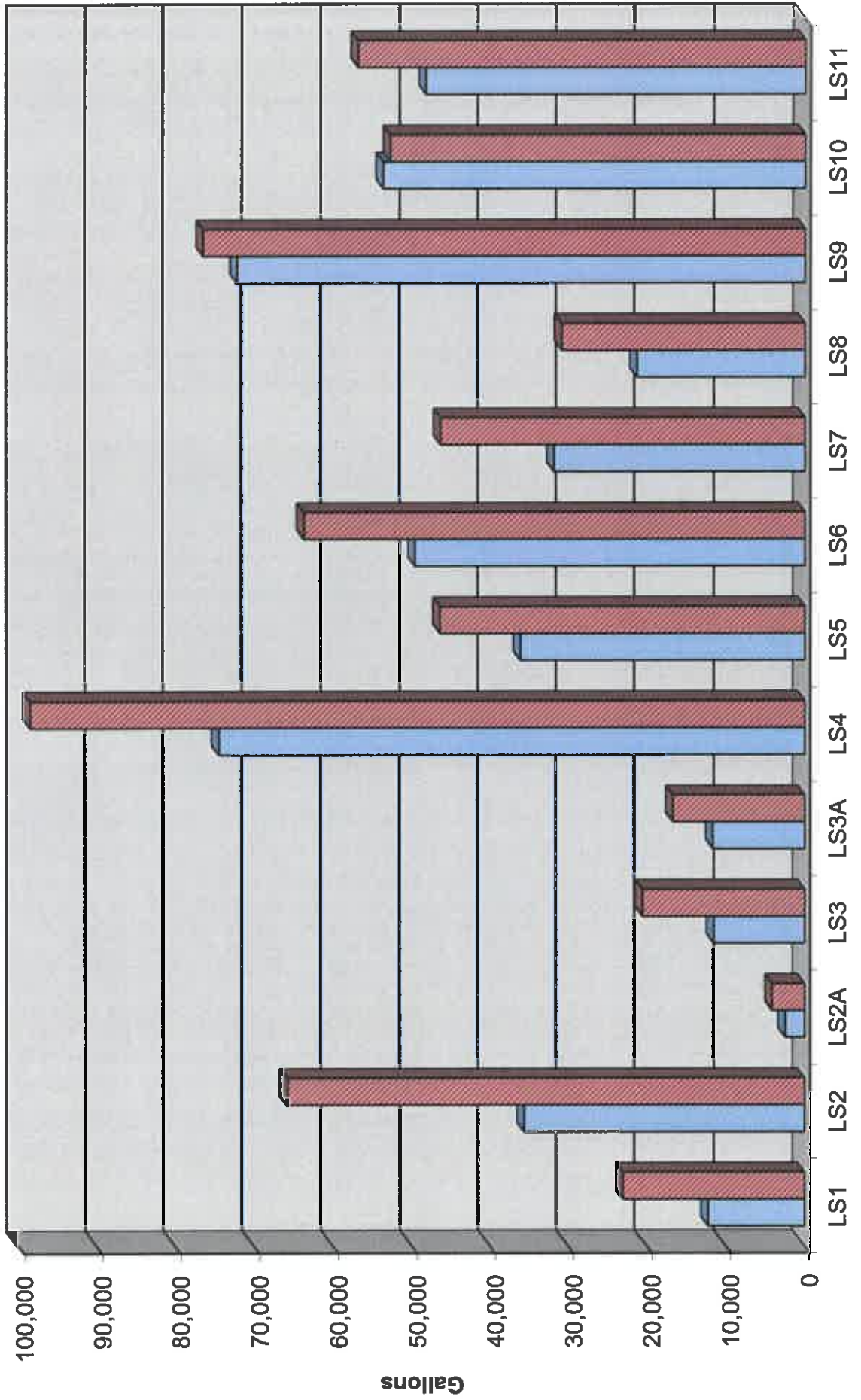
### **Attachments**

# Wastewater Flow/Precipitation - July, 2021

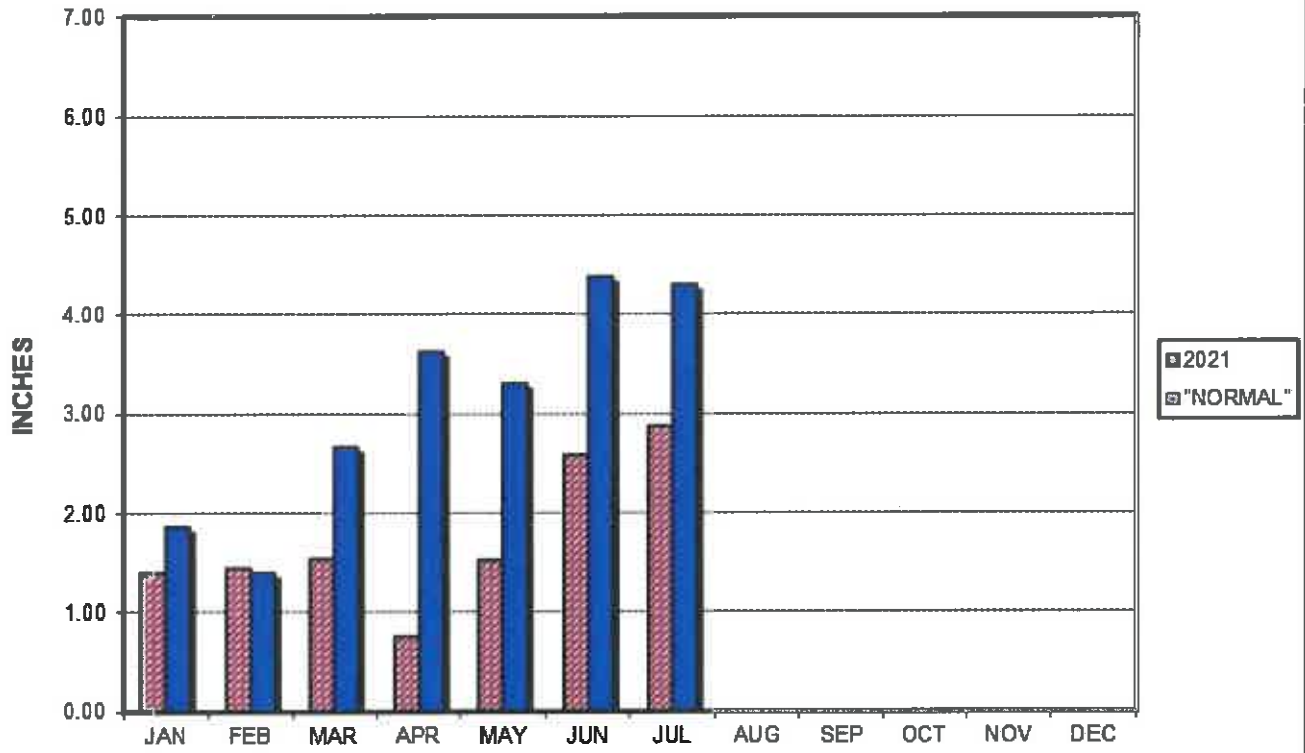


Average Daily Flow/Peak Flow by Area - July, 2021

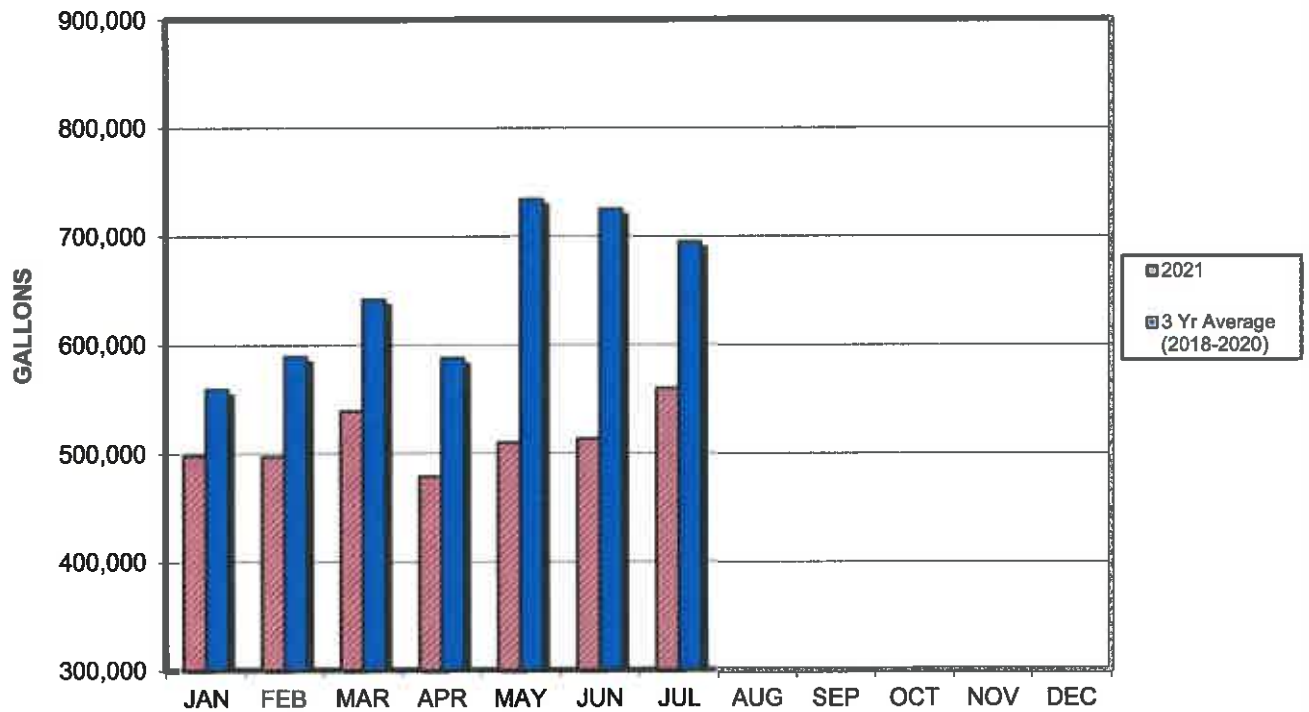
Average Peak



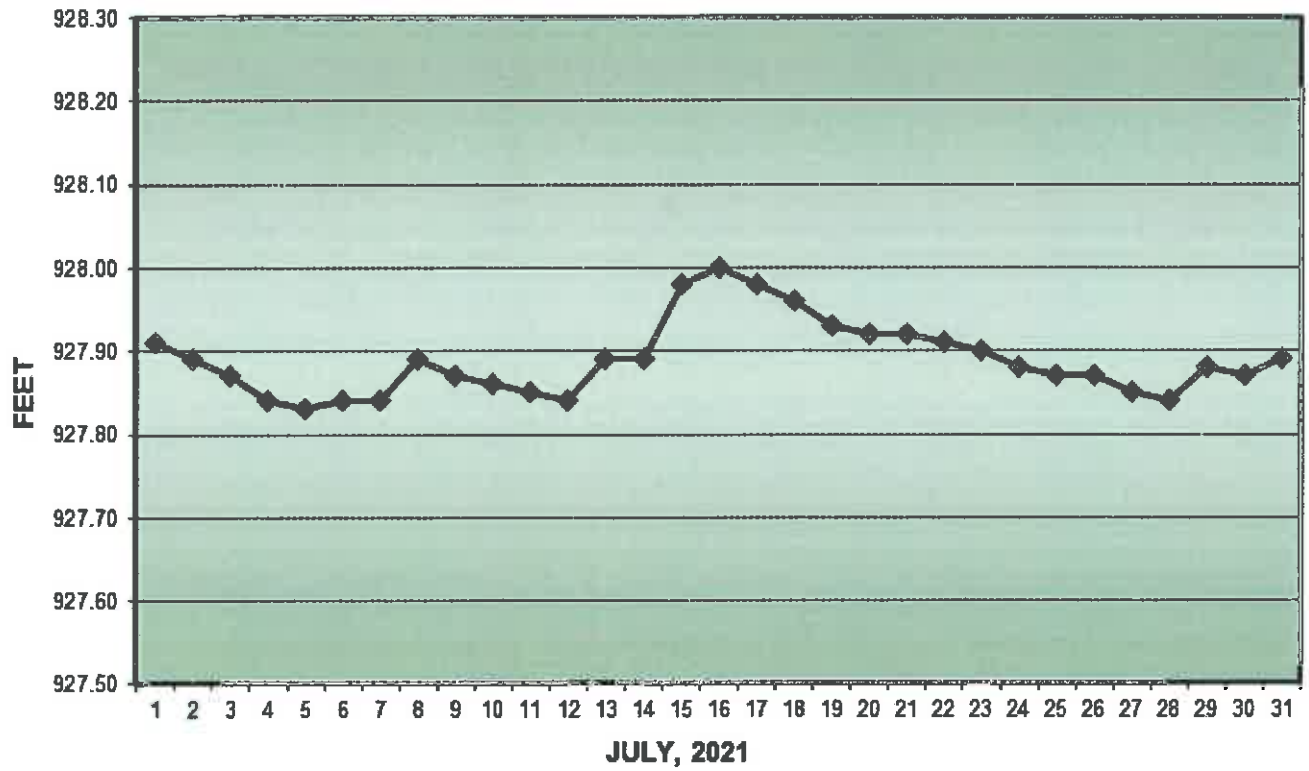
### PRECIPITATION - DELAVAN LAKE, WI



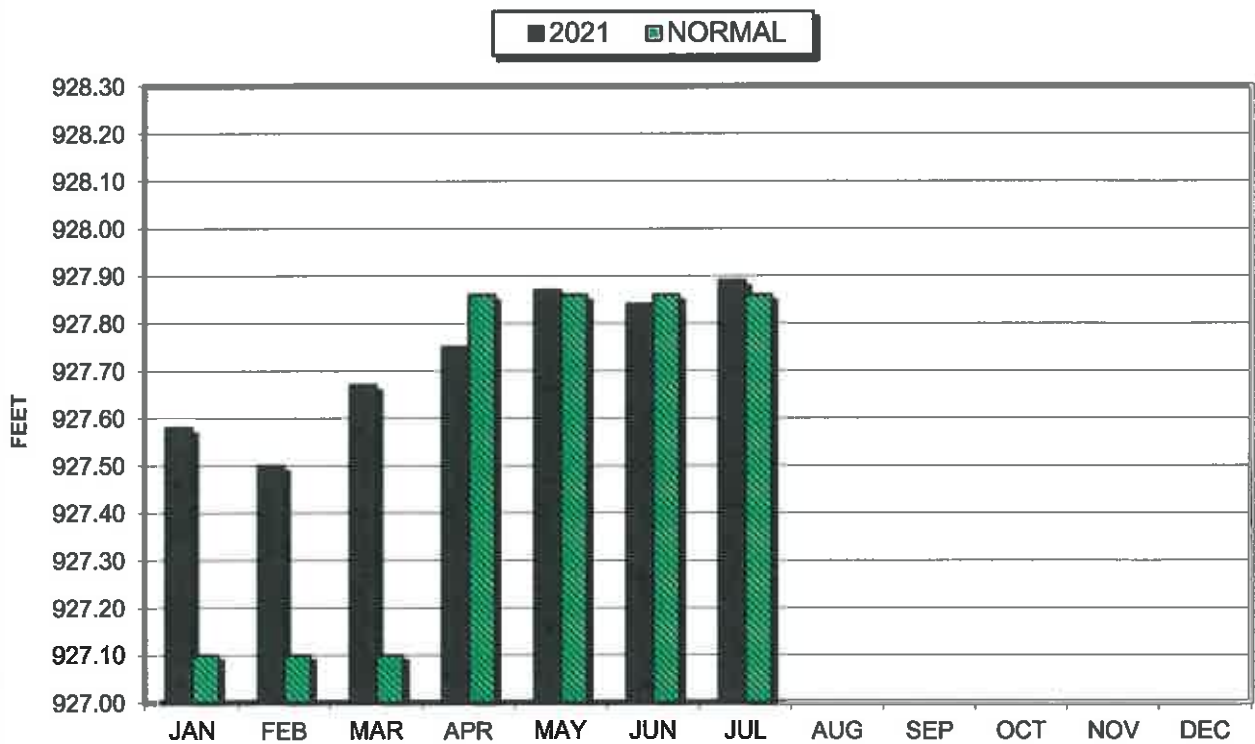
### AVERAGE WASTEWATER FLOWS



### 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.	Mean	Month (in inches)			Yr to Date (in inches)	Average (in feet)	Maximum (in feet)	Month
<b>2019</b>												
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	-	-	-	-
<b>2020</b>												
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	-	-	-	-
<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	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	1774	4816