

## MEMO

TO: Town of Delavan Lake Committee  
FROM: Delavan Lake Sanitary District  
RE: DLSD Lake Management Activities for January  
DATE: February 2, 2024

### LAKE MONITORING RECORDS

January Precipitation – 2.36 inches  
Number of Run-off events – 0  
Precipitation Year-to-date – 2.36 inches  
Ice Off Date – March 10, 2023  
Ice On Date – January 15, 2024

December Secchi Disc Readings: Maximum – 30.0 feet  
Average – 30.0 feet

### LAKE LEVEL

DNR Summer Lake Elevation Expectations – 927.86 feet  
Average Lake Elevation – 927.72 feet

### LAKE MANAGEMENT PROGRAM

Preliminary work is being done on the upcoming spray permit.

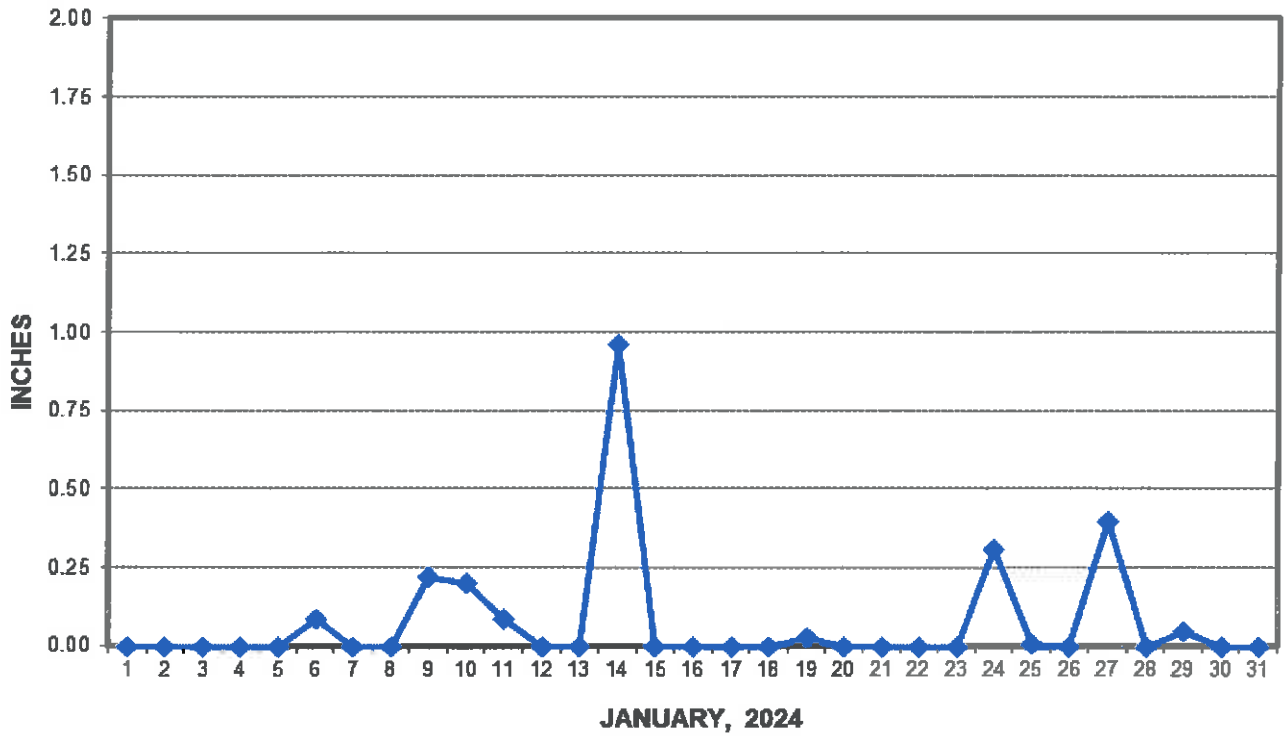
We are making modifications to the transport barge to increase stability for safety. Aquarius plans to have it completed and ready for the upcoming season.

Plans have started for our intercept survey with Onterra to be conducted in July of this year for the 2025 harvesting permit.

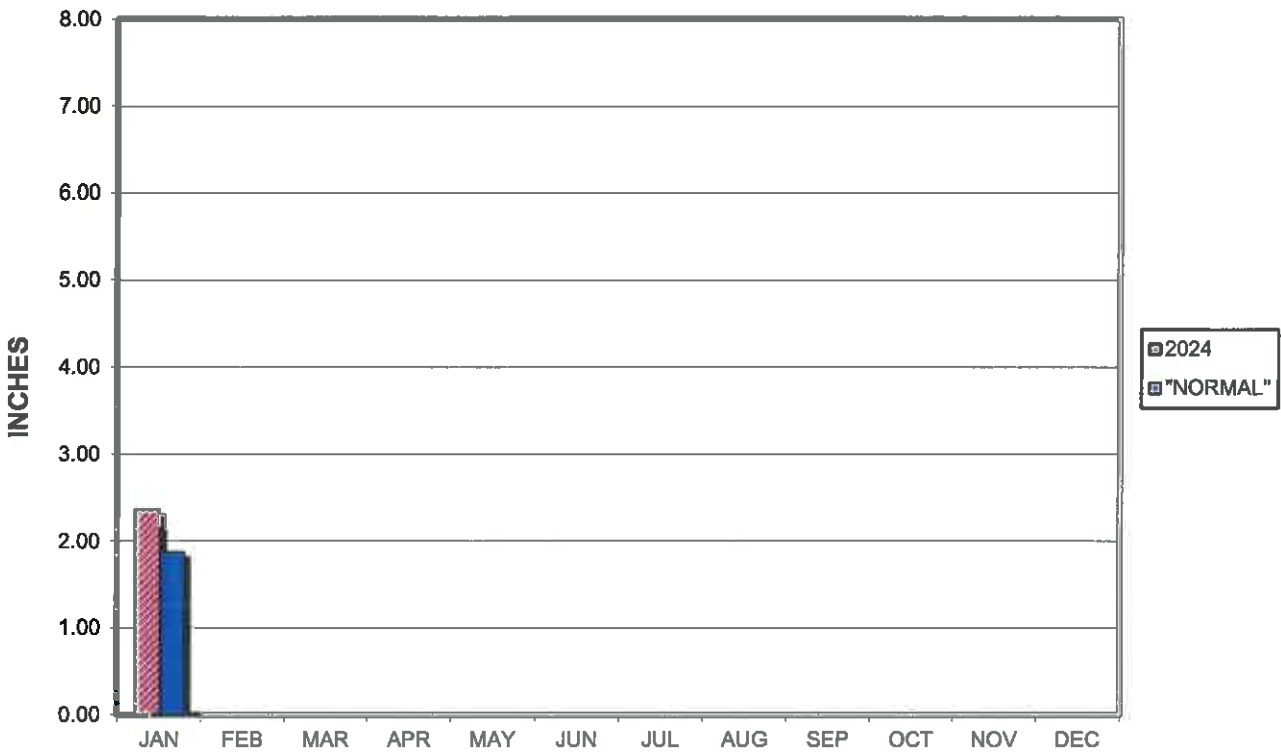
USGS has been approved.

Encl.: (3)

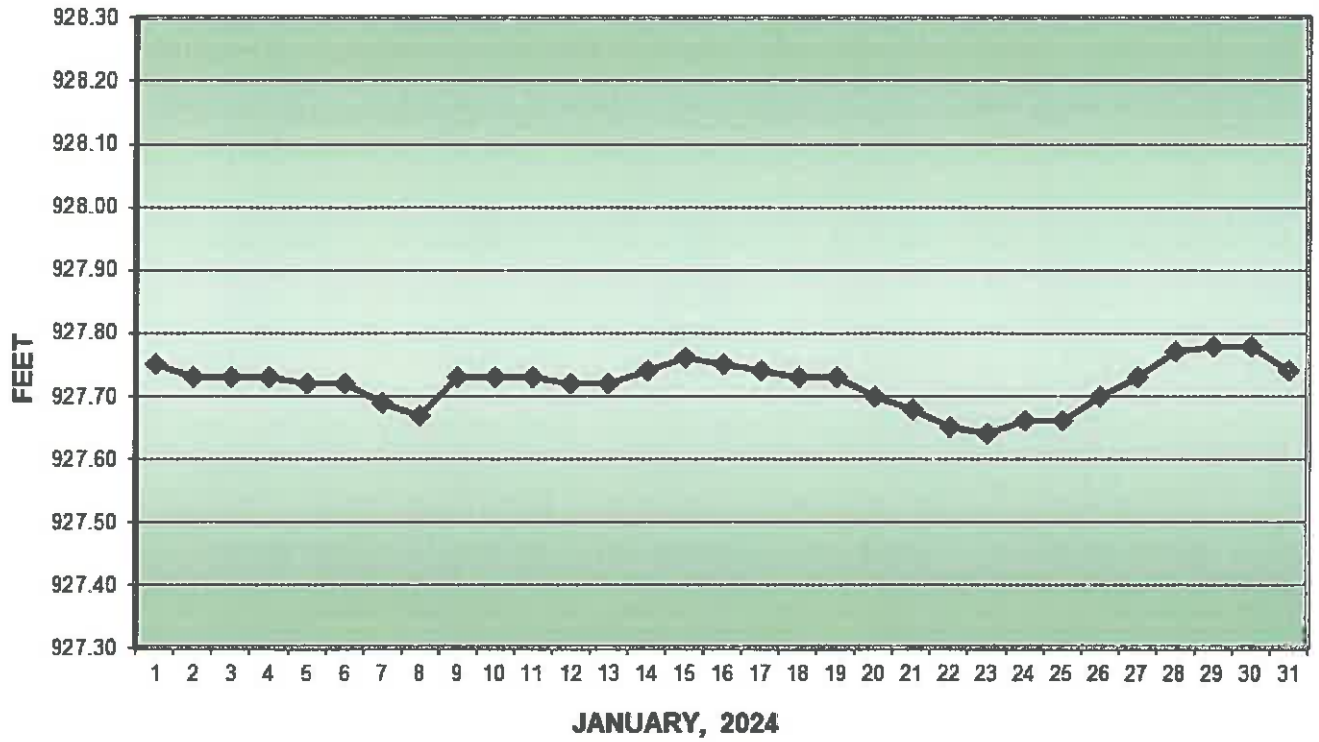
### PRECIPITATION - DELAVAN LAKE, WI



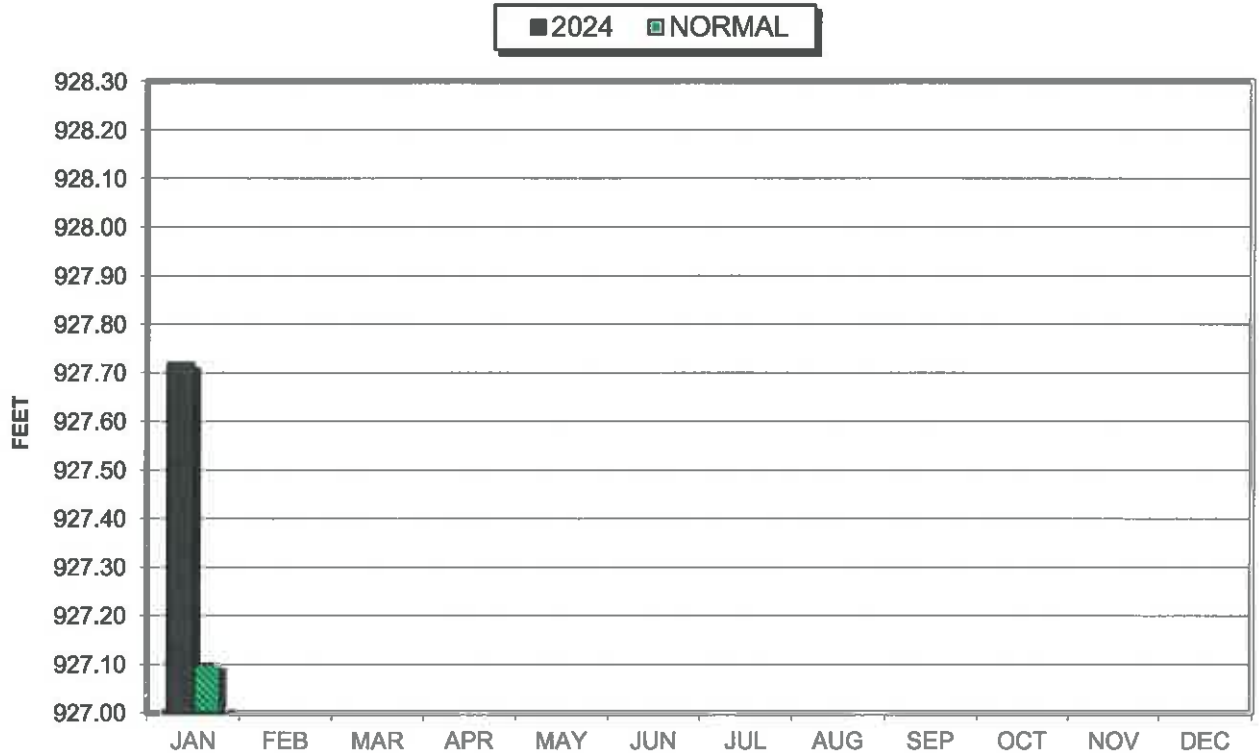
### PRECIPITATION - DELAVAN LAKE, WI



### 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>2022</b>												
JAN	1/10/22		40	-18	11	0.63	-	927.72	-	-	-	-
FEB			49	-3	23	0.77	-	927.70	-	-	-	-
MAR		3/23/22	73	6	34	2.91	-	927.80	-	-	-	-
APR			81	24	52	5.05	42	927.88	20.0	20.0	-	-
MAY			91	33	62	2.42	62	927.90	12.7	20.0	387	387
JUN			98	47	72	2.21	74	927.87	9.7	13.0	2184	2571
JUL			90	52	71	2.98	79	927.68	8.7	10.0	1431	4002
AUG			92	52	72	4.28	79	927.60	6.6	9.0	1585	5587
SEP			85	35	60	7.51	59	927.85	6.7	7.0	305	5892
OCT			78	29	54	1.67	-	927.79	-	-	39	5931
NOV			75	9	42	1.23	51	927.77	12.3	15.0	-	-
DEC	12/19/22		56	-13	22	1.67	-	927.72	-	-	-	-
<b>2023</b>												
JAN			49	-14	18	1.67	-	927.71	-	-	-	-
FEB			51	-7	22	4.14	-	927.78	-	-	-	-
MAR		3/10/23	69	9	39	2.89	-	927.81	-	-	-	-
APR			82	26	54	3.87	49	927.83	8.0	9.0	-	-
MAY			91	35	63	1.45	62	927.85	21.8	38.0	855	855
JUN			92	43	67	1.22	70	927.73	9.6	17.0	1553	2408
JUL			92	53	72	3.67	75	927.68	6.0	8.0	1558	3966
AUG			97	44	71	1.88	76	927.83	7.3	10.0	1620	5586
SEP			93	42	68	3.78	68	927.75	8.7	12.0	854	6440
OCT			86	24	55	3.01	-	927.89	-	-	-	-
NOV			68	10	39	1.01	-	927.84	-	-	-	-
DEC			56	13	34	2.13	-	927.75	-	30.0	-	-
<b>2024</b>												
JAN	1/15/24		38	-16	11	2.36	-	927.72	-	-	-	-