**MEMO**

TO: Town of Delavan Lake Committee

FROM: Delavan Lake Sanitary District

RE: DLSD Lake Management Activities for May

DATE: June 2, 2025

## LAKE MONITORING RECORDS

May Precipitation – 2.41 inches
Number of Run-off events – 1
Precipitation Year-to-date – 7.91inches
Ice On Date – January 7, 2025
Ice Off Date – March 14, 2025

May Secchi Disc Readings: Maximum – 24.0 feet
Average – 24.0 feet

## LAKE LEVEL

DNR Summer Lake Elevation Expectations – 927.86 feet

Average Lake Elevation – 927.90 feet

## LAKE MANAGEMENT PROGRAM

Weed Harvesting equipment is launched and channel cutting in progress.

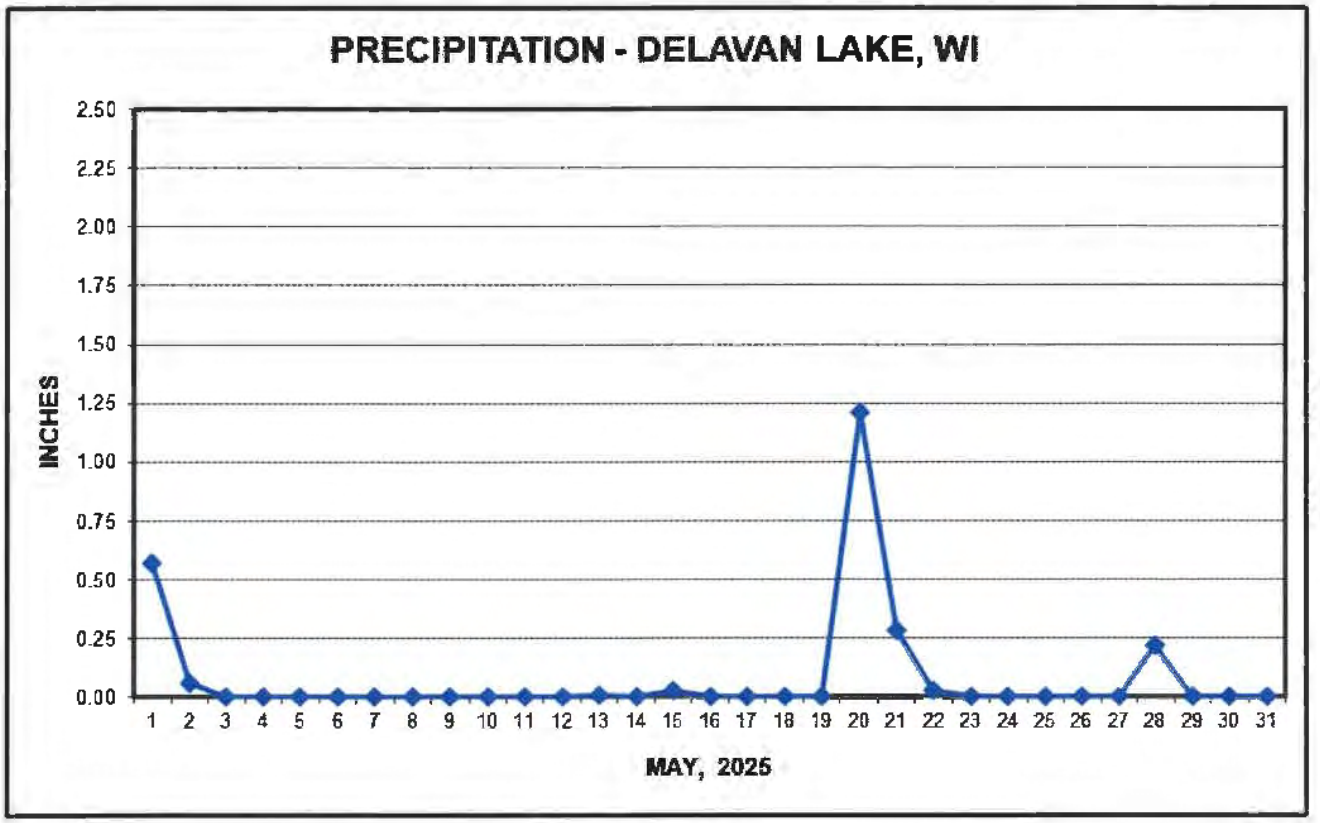
Lift Station #7 project was awarded to Mid -City.

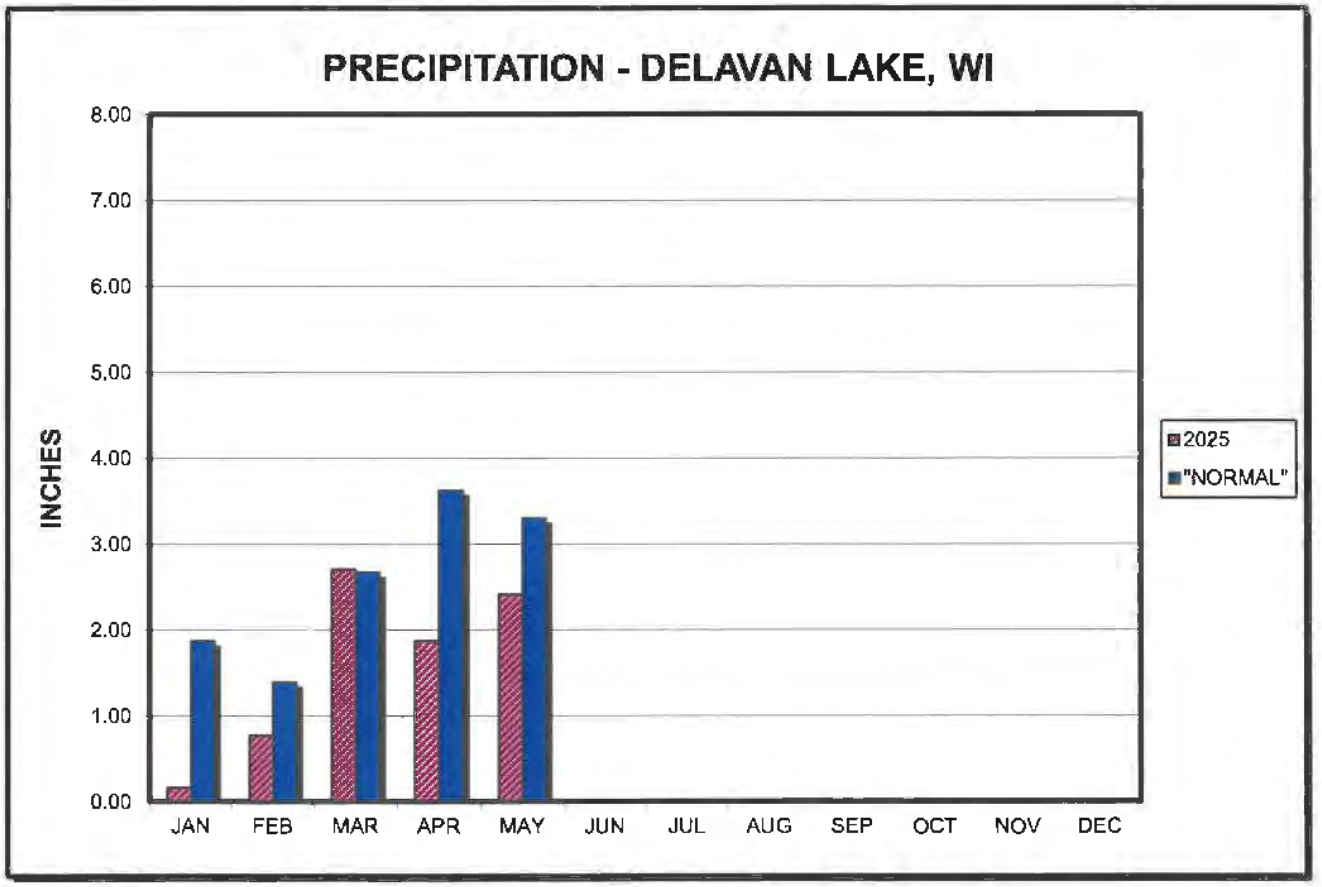
LS #10 wet well epoxy coated.

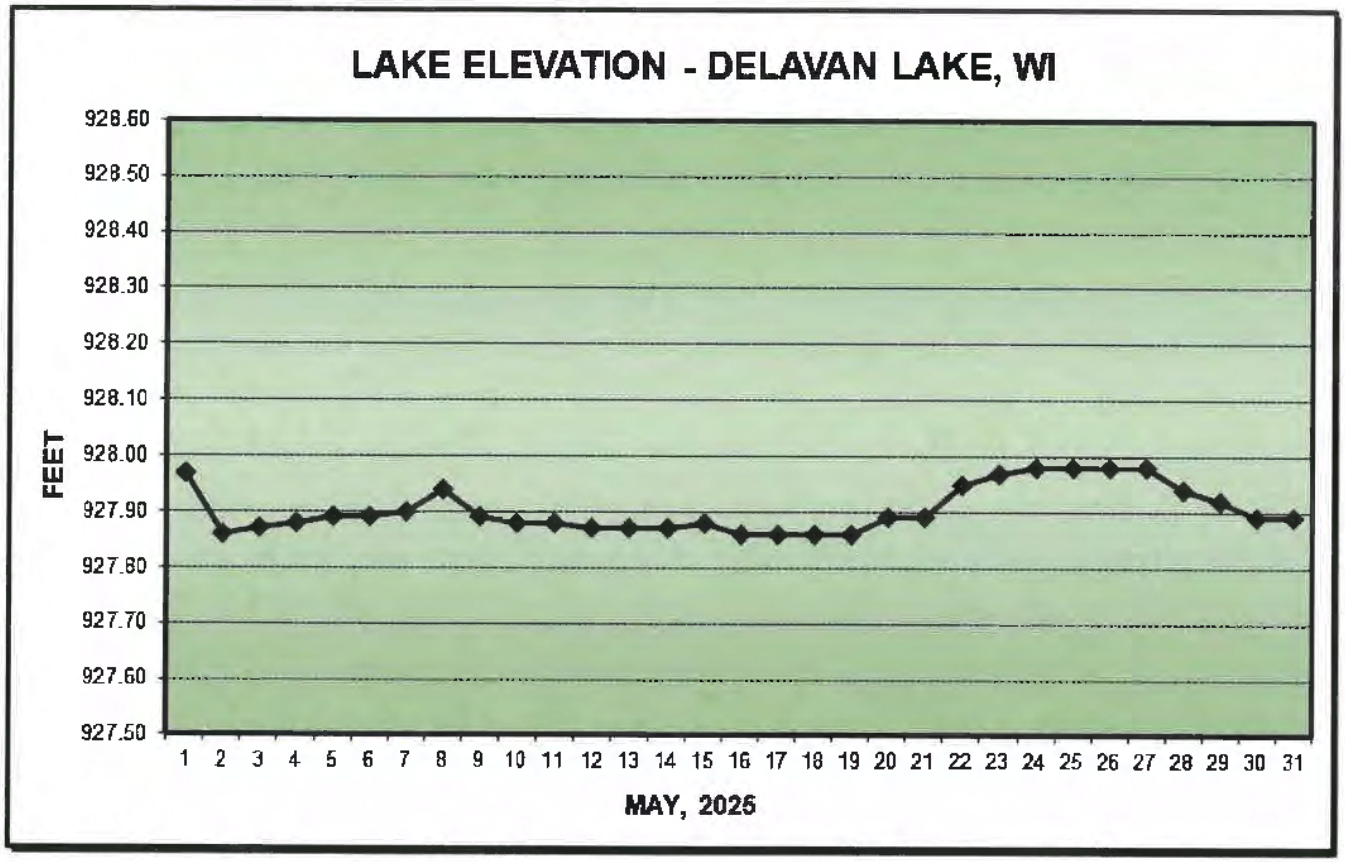
Stream monitoring for US AG land has begun.

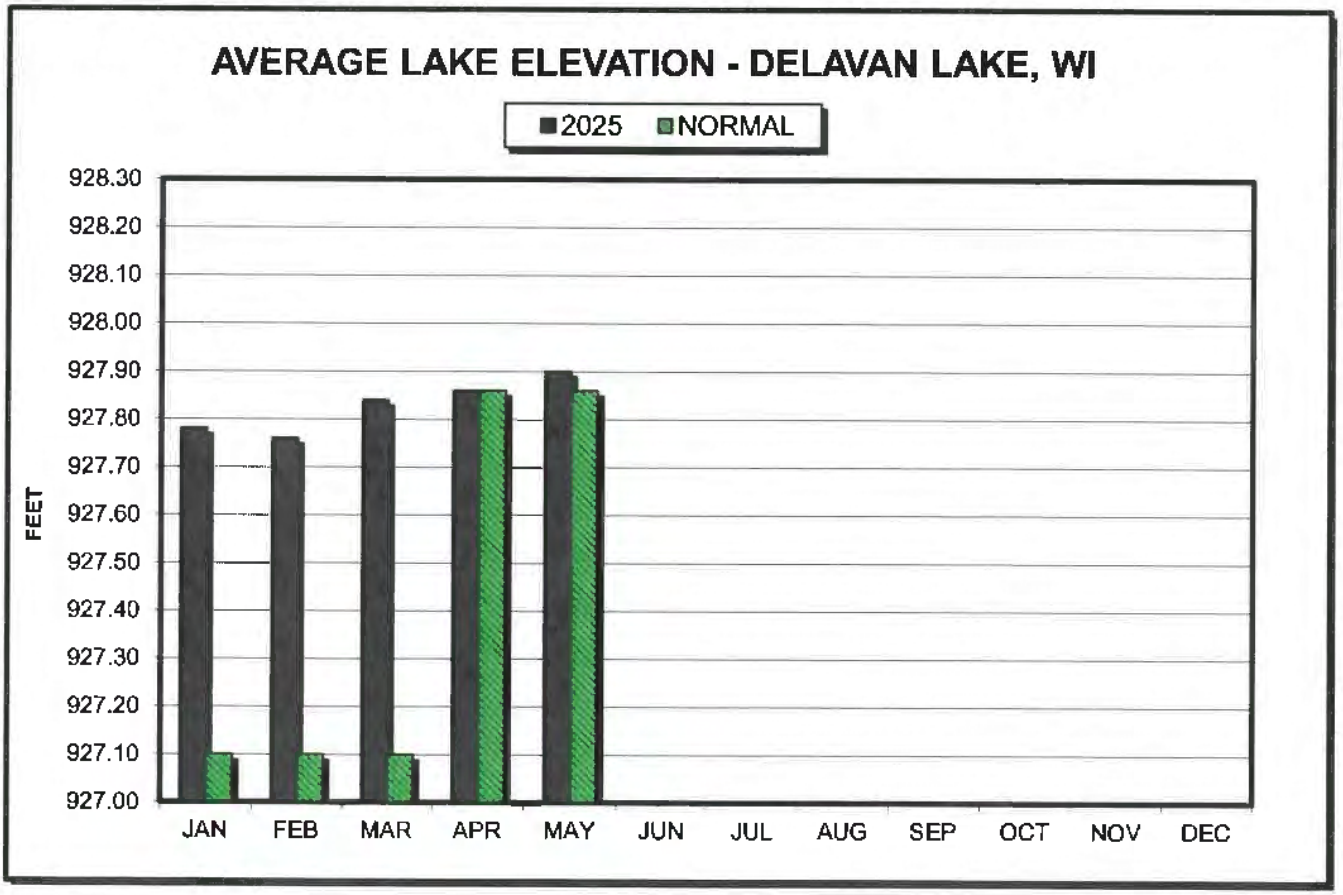
Carp bounty seems to be working, LOTS of carp from Memorial Day weekend.

Encl.: (3)


PRECIPITATION - DELAVAN LAKE, WI
INCHES
2.50
2.25
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
MAY, 2025


PRECIPITATION - DELAVAN LAKE, WI
INCHES
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
2025
"NORMAL"


LAKE ELEVATION - DELAVAN LAKE, WI
928.60
928.50
928.40
928.30
928.20
928.10
928.00
927.90
927.80
927.70
927.60
927.50
FEET
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
MAY, 2025


AVERAGE LAKE ELEVATION - DELAVAN LAKE, WI
2025
NORMAL
928.30
928.20
928.10
928.00
927.90
927.80
927.70
927.60
927.50
927.40
927.30
927.20
927.10
927.00
FEET
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

# 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Month | Yr to Date | | | Average | Maximum | | |
| | | | Max. | Min. | Mean | (In Inches) | (In Inches) | | | (In Feet) | (In Feet) | Month | YTD |
| **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 | - | - |
| MAY | | | 91 | 35 | 63 | 1.45 | 14.02 | 62 | 927.85 | 21.8 | 38.0 | 855 | 855 |
| JUN | | | 92 | 43 | 67 | 1.22 | 15.24 | 70 | 927.73 | 9.6 | 17.0 | 1553 | 2408 |
| JUL | | | 92 | 53 | 72 | 3.67 | 18.91 | 75 | 927.68 | 6.0 | 8.0 | 1558 | 3966 |
| AUG | | | 97 | 44 | 71 | 1.88 | 20.79 | 76 | 927.83 | 7.3 | 10.0 | 1620 | 5586 |
| SEP | | | 93 | 42 | 68 | 3.78 | 24.57 | 68 | 927.75 | 8.7 | 12.0 | 854 | 6440 |
| OCT | | | 86 | 24 | 55 | 3.01 | 27.58 | - | 927.89 | - | - | 146 | 6586 |
| 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 | - | - | - | - |
| APR | | | 82 | 28 | 55 | 3.65 | 11.76 | - | 927.90 | - | - | - | - |
| MAY | | | 87 | 44 | 65 | 5.93 | 17.69 | 67 | 927.95 | 18.2 | 28.0 | 466 | 466 |
| JUN | | | 94 | 47 | 70 | 4.73 | 22.42 | 71 | 927.94 | 7.6 | 15.0 | 1476 | 1942 |
| JUL | | | 91 | 50 | 71 | 7.14 | 29.56 | 84 | 927.95 | 6.0 | 6.0 | 2035 | 3977 |
| AUG | | | 95 | 48 | 71 | 2.93 | 32.49 | 75 | 927.86 | 7.0 | 7.0 | 1692 | 5669 |
| SEP | | | 91 | 42 | 66 | 2.51 | 35.00 | 77 | 927.80 | 8.8 | 10.0 | 1769 | 7438 |
| OCT | | | 84 | 32 | 58 | 0.60 | 35.60 | 66 | 927.74 | 7.3 | 12.0 | 590 | 8028 |
| NOV | | | 65 | 12 | 39 | 2.24 | 37.84 | - | 927.83 | 12 | 12 | - | - |
| DEC | | | 54 | -1 | 26 | 0.75 | 38.59 | - | 927.85 | - | - | - | - |
| **2025** | | | | | | | | | | | | | |
| JAN | 1/7/25 | | 54 | -12 | 21 | 0.16 | 0.16 | - | 927.78 | - | - | - | - |
| FEB | | | 55 | -12 | 22 | 0.77 | 0.93 | - | 927.76 | - | - | - | - |
| MAR | | 3/14/25 | 77 | 12 | 44 | 2.70 | 3.63 | - | 927.84 | - | - | - | - |
| APR | | | 84 | 19 | 51 | 1.87 | 5.50 | - | 927.86 | - | - | - | - |
| MAY | | | 89 | 34 | 62 | 2.41 | 7.91 | 67 | 927.90 | 24.0 | 24.0 | 1002 | 1002 |
| JUN | | | | | | | | | | | | | |
| JUL | | | | | | | | | | | | | |
| AUG | | | | | | | | | | | | | |
| SEP | | | | | | | | | | | | | |
| OCT | | | | | | | | | | | | | |
| NOV | | | | | | | | | | | | | |
| DEC | | | | | | | | | | | | | |