DELAVAN LAKE SANITARY DISTRICT ADMINISTRATOR'S REPORT JULY ACTIVITY 2020

ADMINISTRATION

LS#4 damaged generator was removed.

Design is started for converting LS#3A to a submersible station, LS#3 underground conduit run is being looked into before the association replaces their road as that station is set for a rebuild in the future as well, LS#4 Control Panel future project is in review.

County is denying permit to put in riggers gravel pad next to Lift Station #4 to crane out old failed generator and install new generator during our emergency repair. Work will be done regardless as this is urgent.

DLSD Office phone system is again facing complications. AT&T Fiber optic run is anticipated to correct this defect however they are running into issues that may prevent this because the actual tap point is over 1.4 miles away. Same issue is with Spectrum Cable or Fiber. DLSD may need to get phones back on copper system. Both phone services were asked to re-evaluate the install and see if there is something the district can do to connect to a more updated system versus the troubling copper.

LS #11 Pump 1 is failing. Check valves and air relief also started to leak, and parts are being ordered to attempt to rebuild those items while staff researches replacing Pump 1. It was hoped to hold off on this for the future development, however this is the original equipment and it is in stress at this time. Further discussion with Lake Lawn took place to find a resolution to the serious infiltration problem the old sewer lines have within their facility.

Dredging program is still in evaluation stages and also waiting for permits from the DNR.

Budget 2021 process planning has begun.

SEWER SYSTEM OPERATIONS

Building Sewer Connections

New Connections for the Month - 1 Reconnections for the Month - 0 Disconnections for the Month - 0 Total Number of Structures Connected to Date - 3,109 Total ERU Count for the Month -4,018

Operation and Maintenance

Average July Daily Wastewater Flow to WalCoMet – 735,190 gallons Peak July Flow – 922,640 gallons Diggers Requests Marked for the Month – 116 Emergency Call Outs – 8

The following charts are attached: Wastewater Flow comparison with Precipitation for July, 2020

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, 2020

Lake Elevation comparison with "normal"

Lake Monitoring/Lake Level

Precipitation Total for the Month – 3.97 inches Below Normal – .33 inches Ice On Date – January 17, 2020 Ice Off Date – March 13, 2020 Secchi Disc Reading Main Lake – 13.0 feet on 7/21/2020

See attached Lake Elevation Graph and Chart.

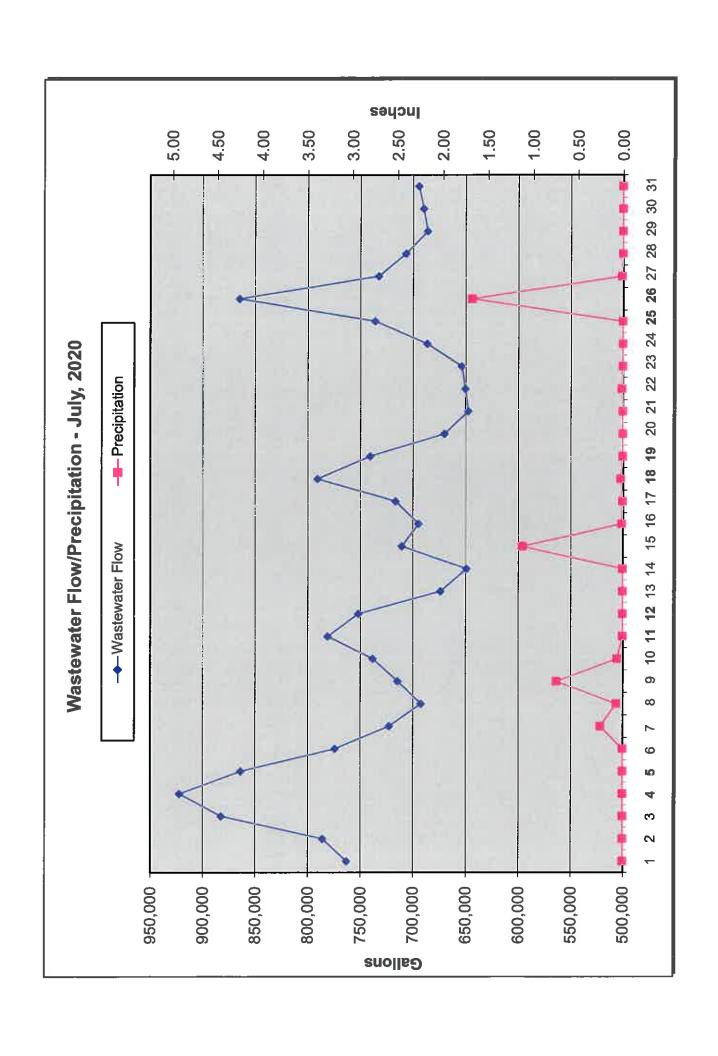
Lake Information

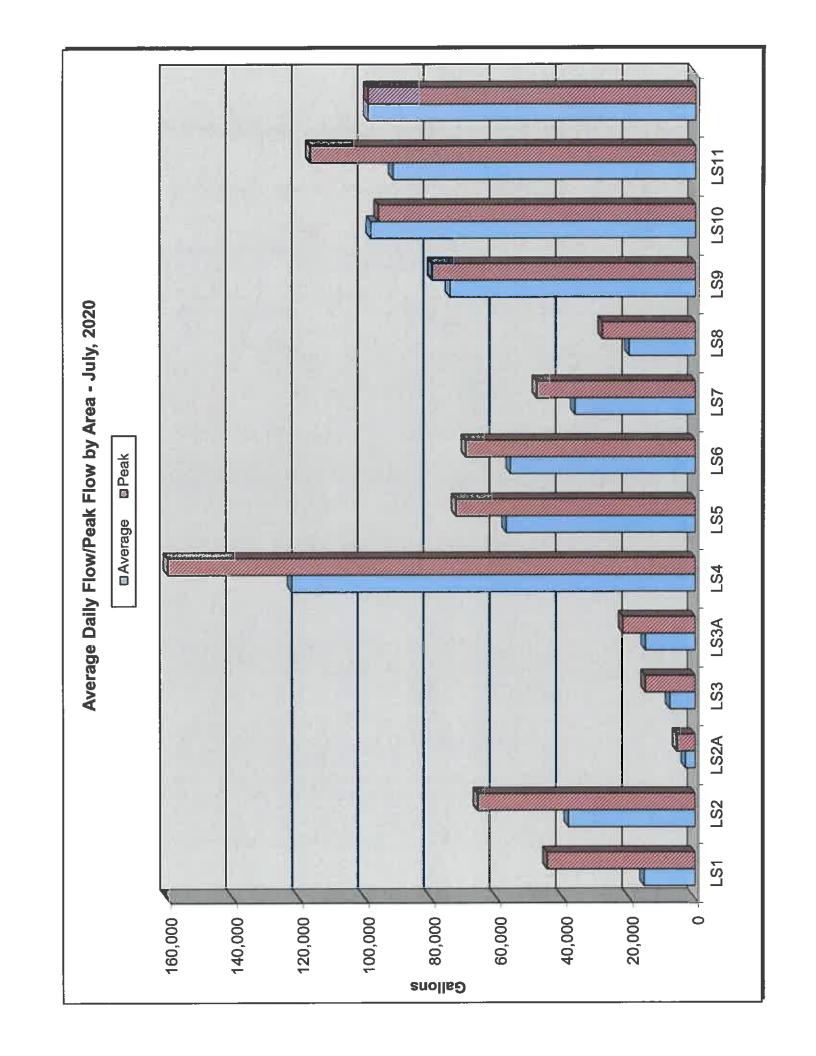
DNR Lake Level Goal – 927.86 feet Average Lake Elevation – 927.87 feet Number of Dam Inspections – 31

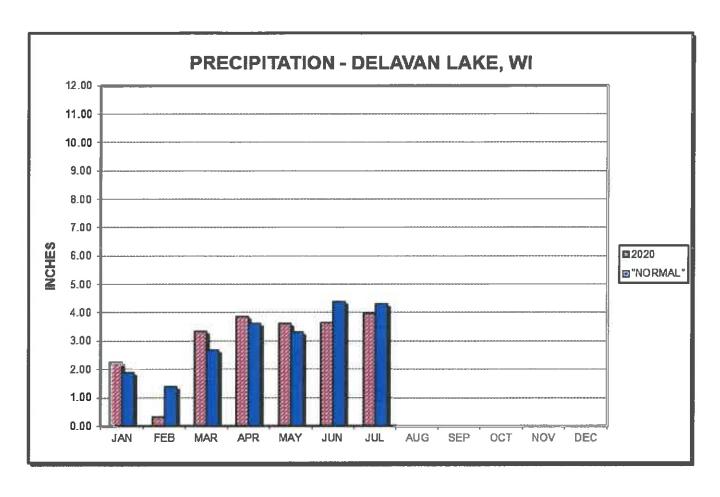
Lake Committee

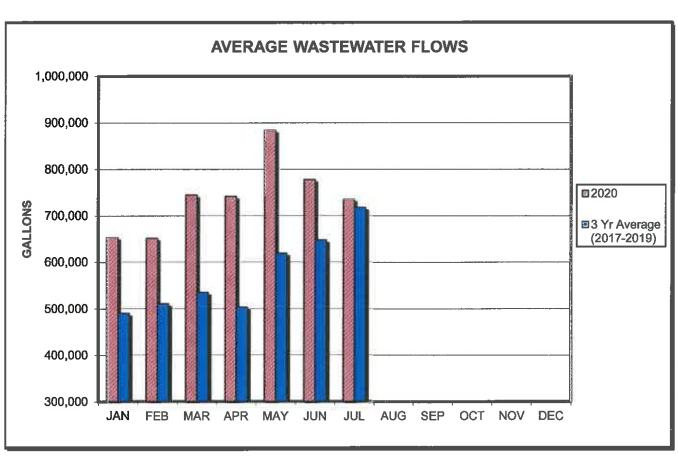
The next meeting of the Lake Committee is scheduled for 7:00 P.M. on Wednesday, September 2, 2020 at the Town Hall.

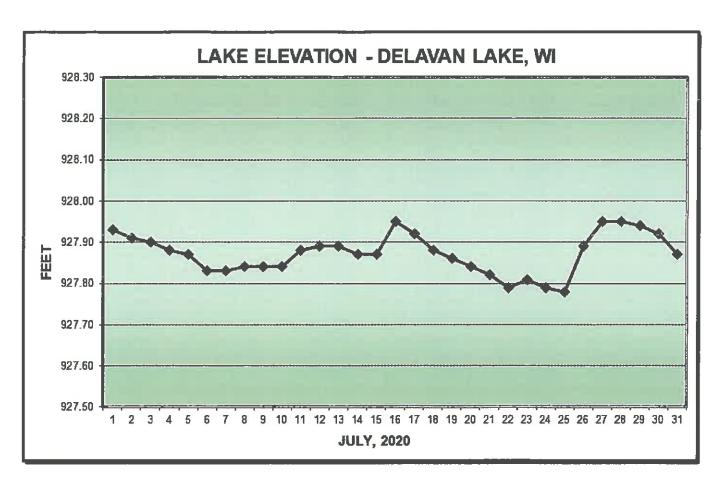
Attachments

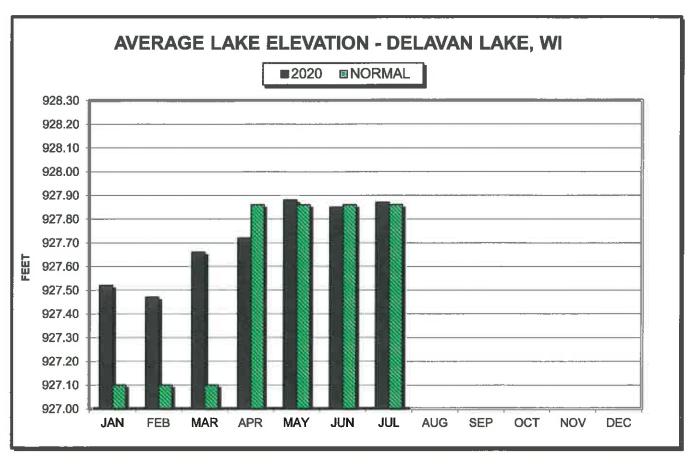












DATA SUMMARY DELAVAN LAKE, WISCONSIN

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