

**DELAVAN LAKE SANITARY DISTRICT
ADMINISTRATOR'S REPORT
AUGUST ACTIVITY 2017**

ADMINISTRATION

Lake elevation back to summer elevation 927.86

Administration building parking lot is being resurfaced along with replacing damaged culvert. Within the parking lot, storm water retention was added with the use of porous pavers.

Lift Station #9 driveway grade was also corrected along with adding porous pavers to aid in storm water retention to protect the lake from the run-off events. Work is in progress.

Lift Station #2 is anticipated to begin a rehab project of the controls, electrical system and pumps. Work should begin mid to late September to give Yacht club time to wrap up events.

Wet well cleaning was conducted at all lift stations to insure debris and grit was removed, especially after the large rain events.

Lift Station #1 meter was serviced to trace down stray voltages causing improper meter readings. Grounding system improvements corrected this problem.

DLSD participated in a pellet program and will monitor results.

Budget workshops began and it is hopeful to have the budget public hearing in October.

Harvesters will begin to be removed.

SEWER SYSTEM OPERATIONS

Building Sewer Connections

New Connections for the Month - 0

Reconnections for the Month - 0

Disconnections for the Month - 0

Total Number of Structures Connected to Date - 3,097

Total ERU Count for the Month - 4,008

Operation and Maintenance

Average August Daily Wastewater Flow to WalCoMet - 562,542 gallons

Peak August Flow - 667,062 gallons

Diggers Requests Marked for the Month - 126

Emergency Call Outs - 0

The following charts are attached: *Wastewater Flow comparison with Precipitation for August, 2017*
Average Daily Wastewater Flow comparison with Peak Flow
Precipitation comparison with "normal"
Wastewater Flow comparison with "normal"
Environmental Data Summary
Daily Lake Elevation for August 2017
Lake Elevation comparison with "normal"

Lake Monitoring/Lake Level

Precipitation Total for the Month – 1.64 inches
Below Normal – 2.20 inches
Ice Off Date – February 24, 2017
Secchi Disc Reading Main Lake – 6 feet on 8/29/17

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

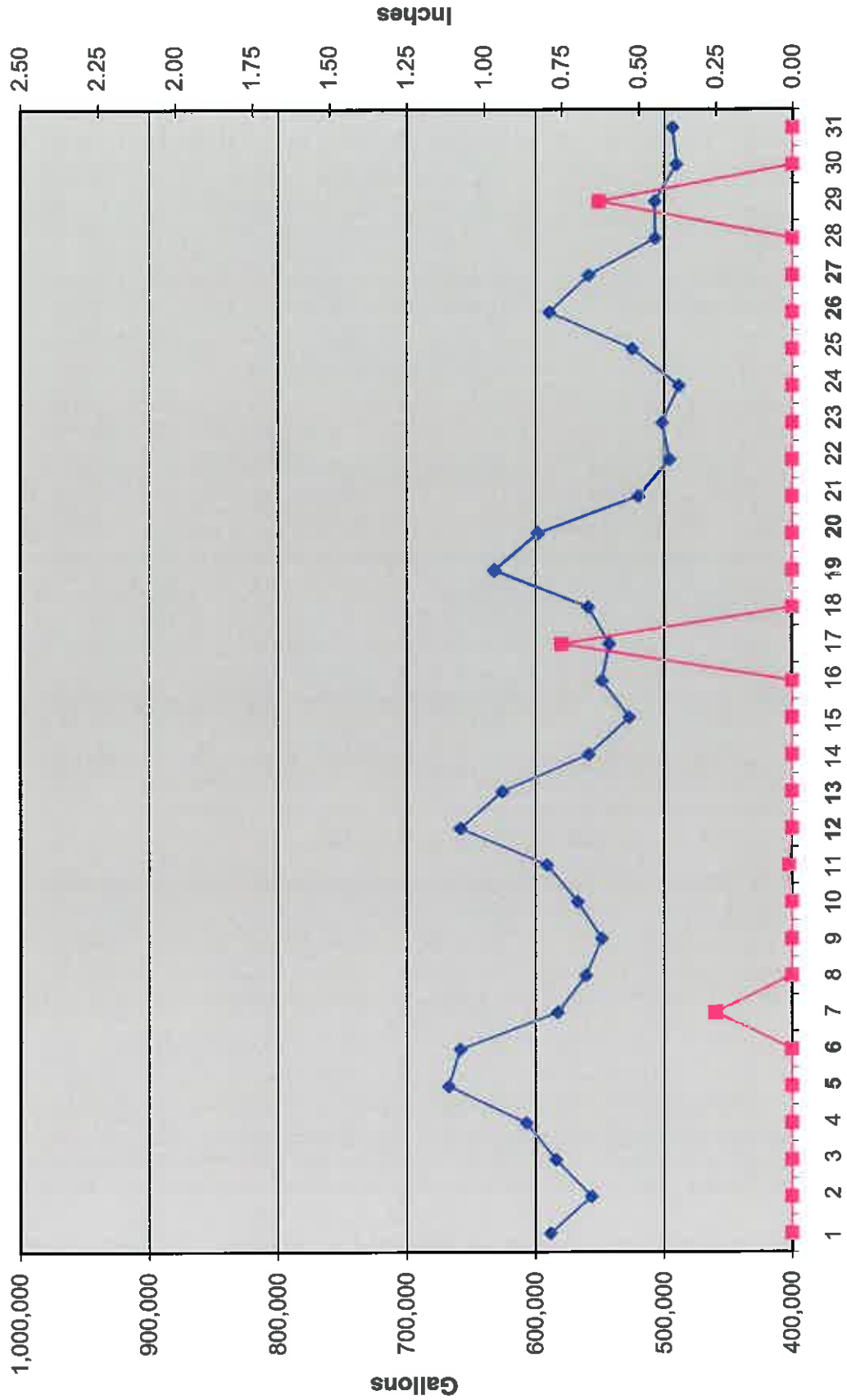
See attached Gate Setting Chart.

Lake Committee

The next meeting of the Lake Committee is scheduled for 7:00 P.M. on Wednesday, October 4th, 2017 at the Town Hall.

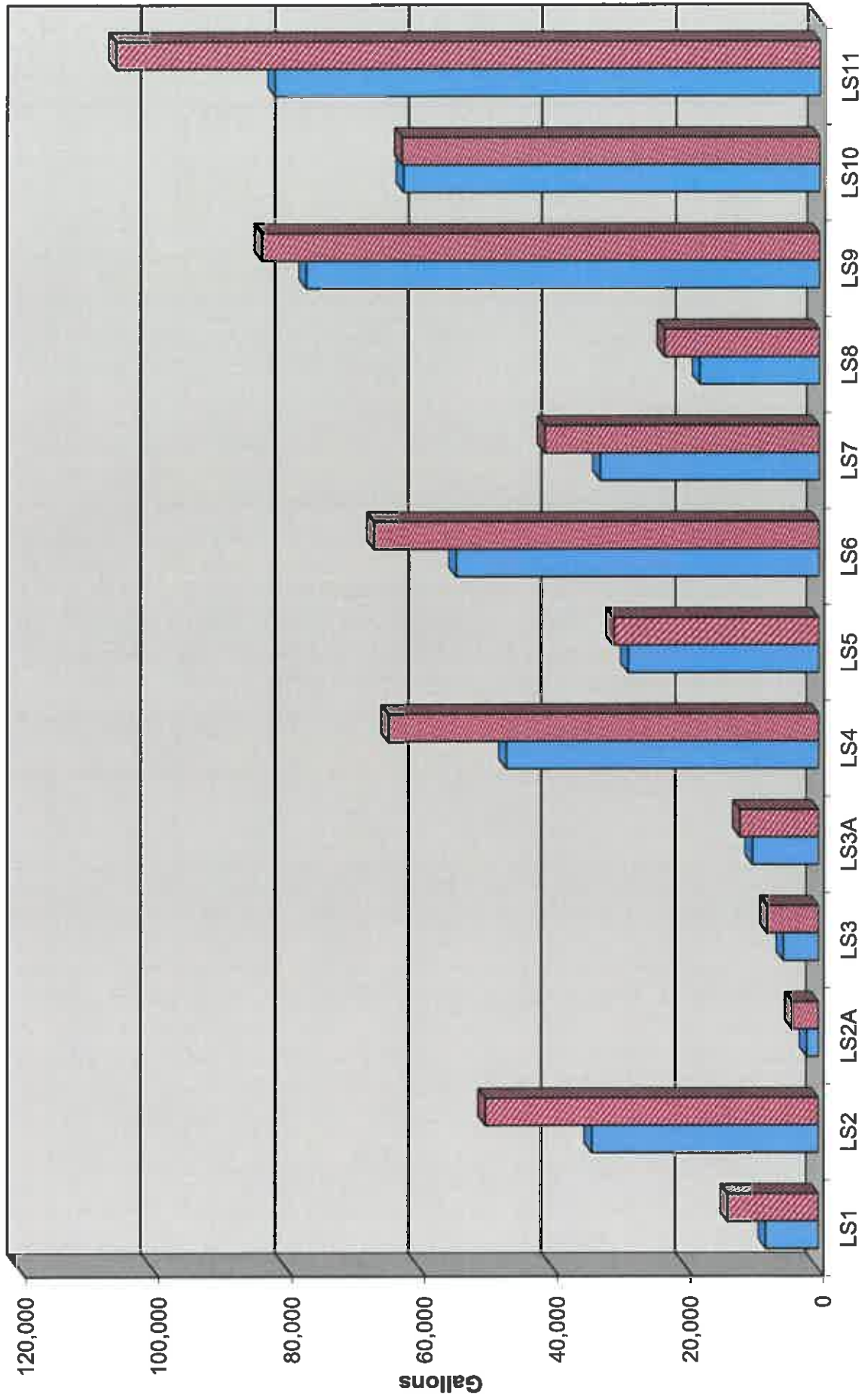
Attachments

Wastewater Flow/Precipitation - August, 2017

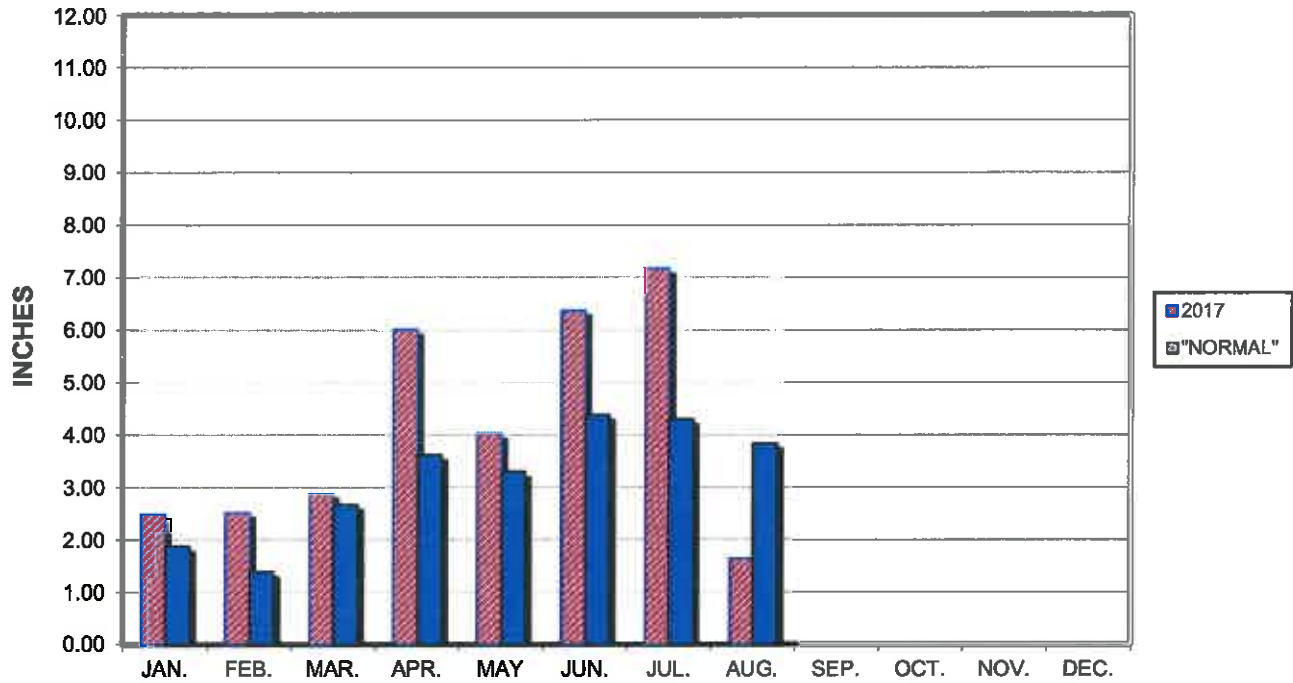


Average Daily Flow/Peak Flow by Area - August, 2017

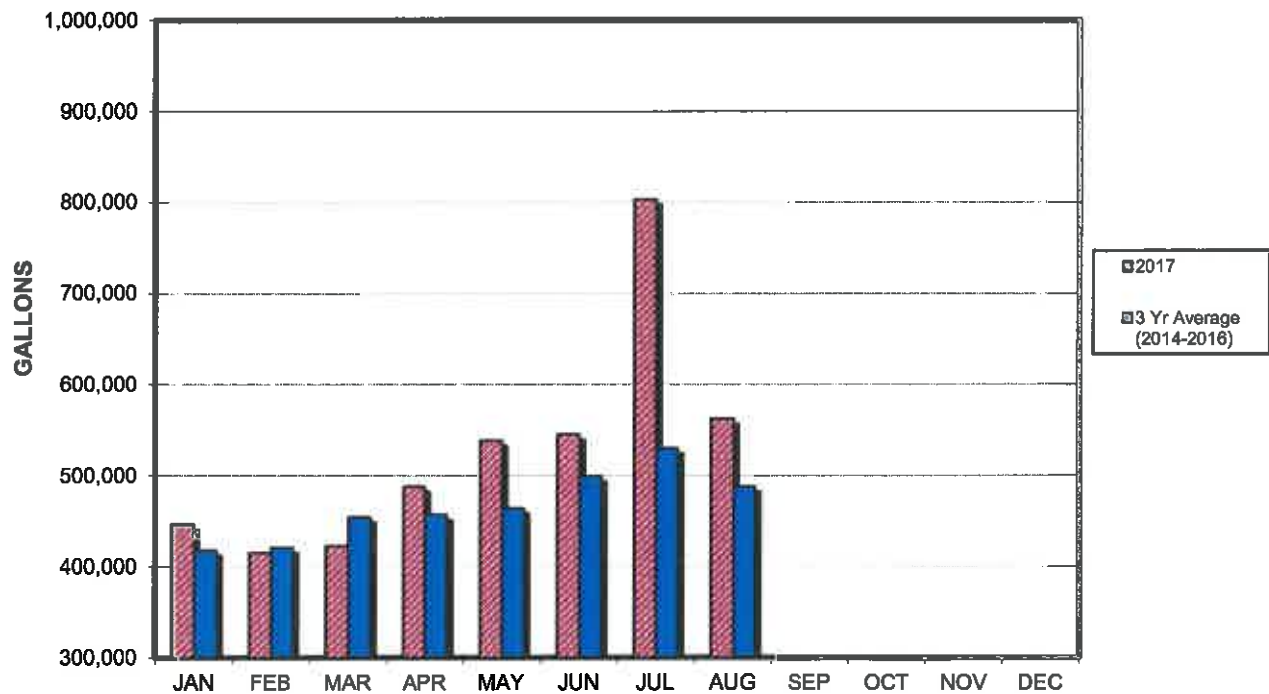
■ Average ■ Peak



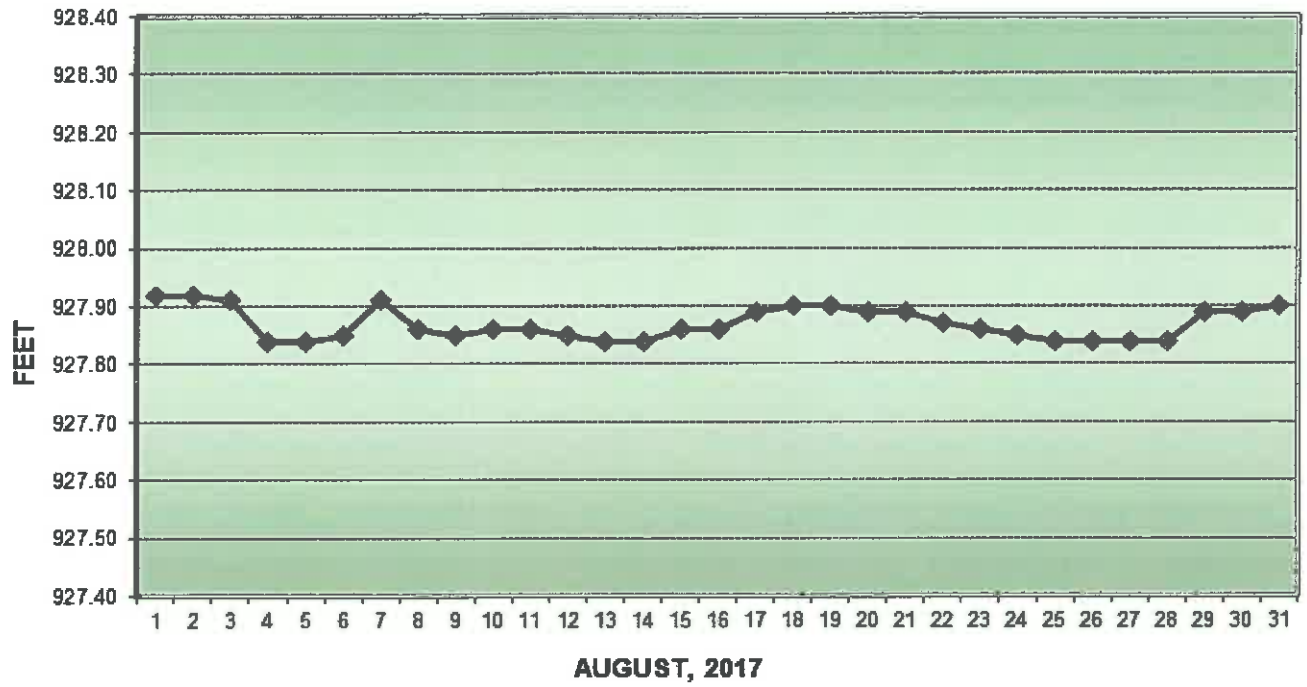
PRECIPITATION - DELAVAN LAKE, WI



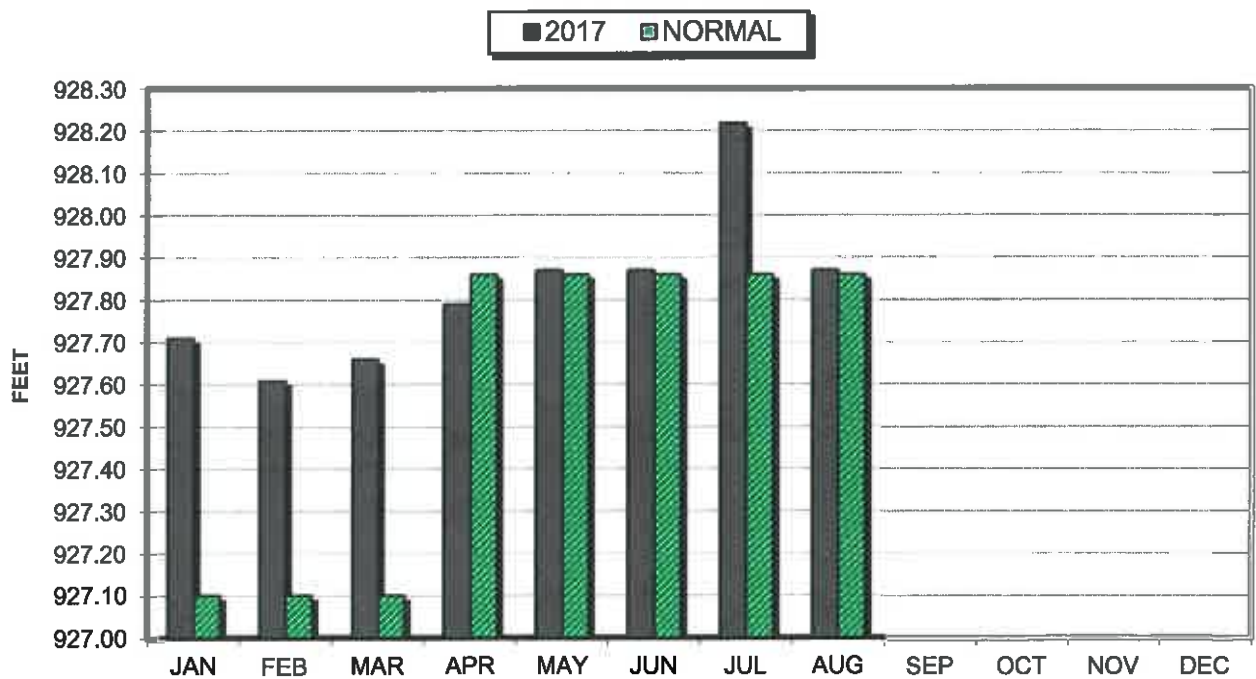
AVERAGE WASTEWATER FLOWS



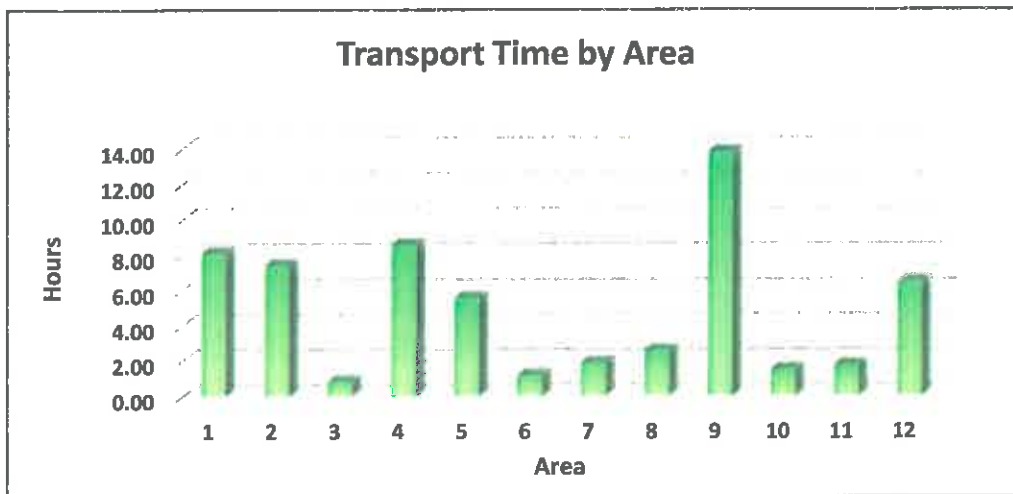
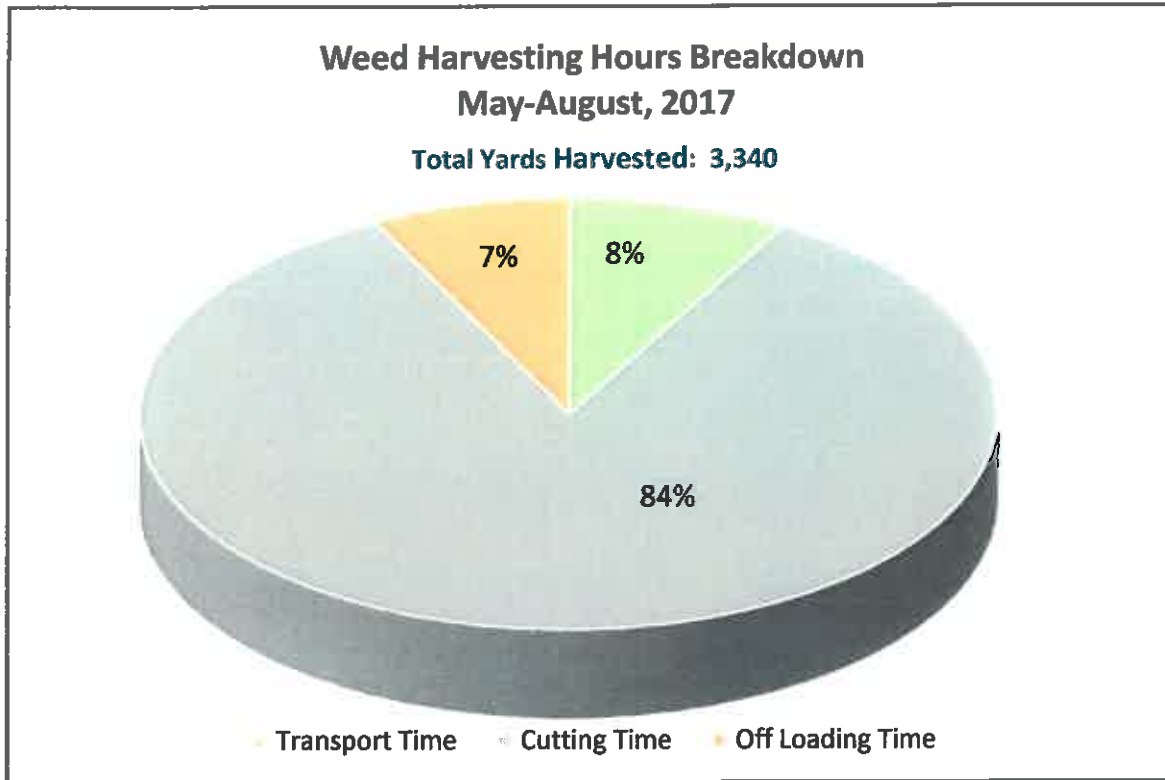
LAKE ELEVATION - DELAVAN LAKE, WI



AVERAGE LAKE ELEVATION - DELAVAN LAKE, WI



2017 Weed Harvesting Summary



Month	Yards	(Hundredths of Hour)		
		Cut Times	Transport Times	Off Load Times
May	296	75.85	9.09	0.33
Jun	1,047	200.5	24.87	18.97
July	840	153.7	13.42	13.14
Aug	1,157	181.1	12.4	21.8
Sep				
Oct				
Total	3,340	611.15	59.78	54.24