



July 18, 2019

TO: Mayor and City Council

FROM: Mark C. Meyers, City Administrator 

SUBJECT: General Information Packet

Attached are general items of information you may find interesting. If you have any questions or comments regarding the information, please contact me.

mm/co
Attachments

Administration/City Clerk (231) 798-4391	Assessing Division (231) 799-6806	Building Division (231) 799-6801	Finance/Treasurer (231) 799-6805	Fire Prevention (231) 799-6809	Fire Department (231) 798-2255
Parks/Recreation (231) 799-6802	Planning/Zoning (231) 799-6800	Police Department (231) 733-2691	Public Works (231) 799-6803	Streets Division (231) 798-2156	Water/Sewer (231) 799-6804



Internal Memo

July 18, 2019

TO: Mayor, City Council and Staff

FROM: Shelly Stibitz, City Clerk 

SUBJECT: July/August 2019 Council Meetings

There are no pressing items for discussion this month and the July 23, 2019 City Council work session is cancelled. Also, July has five Tuesdays this year so there will not be another meeting until August.

At the June 4, 2019 meeting, Council approved changing the first meeting in August to Monday, August 5, 2019 because of the August 6, 2019 Special Election. As a reminder, work session is not held in the month of August.

PUBLIC e-mail NOTICE

CITY OF NORTON SHORES
Department of Public Works
4814 Henry Street
Norton Shores, Michigan 49441
Telephone: 231-799-6803
e-mail: jmurphy@nortonshores.org

DATE: July 12, 2019

PAGES: 1, Including this Sheet

FROM: Jim Murphy, City Engineer

SUBJECT: Ellis Road Sewer Work

COMMENTS: The City of Norton Shores wishes to notify you that Sanitary Sewer work on Ellis Road at Stariha Drive is tentatively scheduled to start Tuesday, July 16, 2019 and continued until late-July 2019. Travel on Ellis Road will be reduced to one lane, controlled by temporary signaling and access to Stariha Drive from Ellis Road will be closed during the work. Temporary full closures with flagging operations and delays are to be expected.

The City suggests drivers may wish to seek an alternate route to avoid this work area. The suggested detour route is Robert Hunter Drive-Sternberg Road-Martin Road and Ellis Road.

Updates to project progress can be found on the City's website and available on nixle.com

Questions pertaining to the work may be addressed to the Public Works Department, City Hall, 4814 Henry Street, Norton Shores, MI 49441 Monday through Friday, 8 a.m. to 5 p.m. at 231-799-6803.



The Wastewater Department exists to improve the public health of Muskegon County citizens by receiving polluted wastewater, cleaning it up, and returning it the environment for reuse and enjoyment. We recognize the weight of our responsibility as stewards both of the environment and of our system infrastructure which enables us to do our job. Our goal is to offer our service to the people of Muskegon County at the best possible rate without compromising our stewardships.

~David Jofinson, Director

FINANCIAL REPORT

Christine Morris / Administrative Analyst

MAY FINANCIAL REPORT

Operating expenditures for the first eight months of the 2019 fiscal year are \$9,284,206, or 58% of the FY2019 budget. Revenues for the same period are \$13,742,277, or 73% of the budget.

FARM REPORT

Ted Costigan / Farm Manager

THE 2019 GROWING SEASON

Despite the rain and cool temperatures this spring, all our crops have been planted. We finished planting on June 7th with our last field of corn. Our completion date this year was only half a day later than last year. Considering the weather this year, we'll call that a great success! Planting progress is still running behind for the majority of the country, with discussions of crop insurance and Prevented Planting payments happening on most farms around us. We are one of the few that have been able to plant all of our acres. Currently our staff are spraying hay and will soon be applying nitrogen to the corn. Our crops look good, but development is lacking due to the cooler than normal temperatures. We're wondering if we'll gain enough growing degree units to grow this crop!

The first cutting of alfalfa is complete. Most of our buyers took advantage of a small break in the weather to get it harvested. The alfalfa came off in good condition, and we will soon see how the fields yielded.

Irrigation is running at full swing. We have a lot of excess water to apply due to the rain. We run as many rigs as possible each day to try to lower lagoon levels.

INFRASTRUCTURE MAINTENANCE AND IMPROVEMENT PROJECTS

Vic Singh / Engineer & Dave Johnson / Director

D STATION AUTOMATIC TRANSFER SWITCH

Progress: One of the smaller capital improvement projects for FY2019 is the installation of an automatic transfer switch (ATS) at D Station. An ATS automatically causes the station to switch over to generator power whenever there's a power outage. When the power outage is over, it automatically switches back to the restored utility power. Currently D Station has a series of breakers that used to do the same thing as an ATS, but they are starting to fail and are so old that they're not sold or supported anymore. The installation of the new ATS is being done by Newkirk Electric & Associates of Muskegon. The ATS was ordered a few months ago but had a long lead time and only just arrived at the end of this month. We'll have a pre-construction meeting with Newkirk in early July, after which they'll begin the installation.

STATISTICAL COMPARISONS

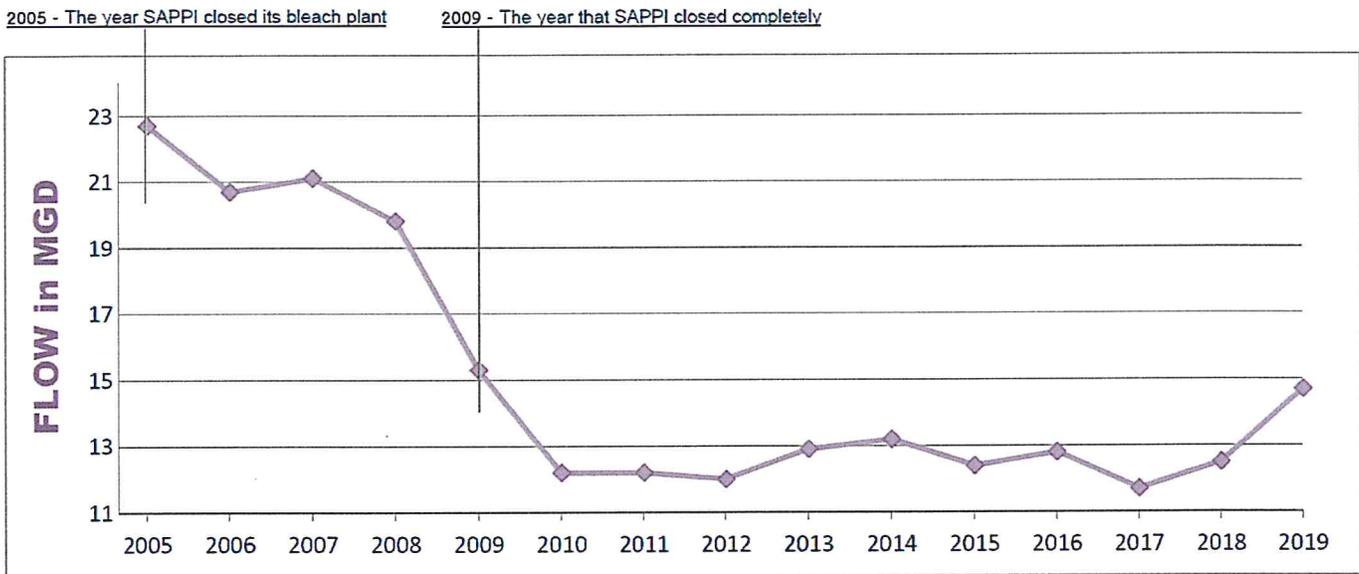
Dave Johnson / Director

FLOWS AND LAGOON LEVELS

Average daily wastewater flow (Fig. 1) received at the WWTP in June was 16.1 MGD, 31% higher than the same period last year. Hauled waste flow for June (Fig. 2) was 5.9 MG, 18% higher than the same period last year. The volume of water in the storage lagoons (Fig. 3) near the end of June was 4,361 MG, 13% higher than this time last year.

More than one municipality has questioned us regarding their sewer bill recently. "Why is my bill so high?" "Have the flow meters been calibrated recently?" Sewer bills are high because flows are

high, and flows are high because of I&I, or Inflow & Infiltration. Inflow refers to water entering the sewer from inappropriate connections, such as when a home's sump pump discharges into its sanitary plumbing. Infiltration refers to groundwater that enters into the sewer through cracks in sewer pipes. Groundwater levels are above average at this time, and thus I&I is having a big impact on flows. This problem began at the end of August, 2018, when we got 6.0" of rain in six days. That was followed by a wet fall, with 4.5" of rain in September and 6.0" in October. The snow melt and frequent rains this spring have only exacerbated the problem. The result is that we've had the highest average yearly flow since SAPPI shut down completely in 2009. The other side of the coin is that we have a lot of water in the lagoons to get rid of. The lagoon level is almost a foot higher than it usually is at this time of year.



The above graph shows a history of average annual flows for the WWTP from calendar year 2005 to the present. In 2005, SAPPI's bleach plant shut down, causing their flow to drop significantly. SAPPI's flows continued in a general downward trend until the plant shut down completely in 2009. Since then the average flow coming into the WWTP has bounced around between 12 and 13 MGD until this year when frequent rains have ramped up I&I and brought the average daily flow up to 14.7 MGD. Of course, the 2019 calendar year isn't over, and the rain will likely decrease, and flows with it, bringing the average down somewhat.

Figure 1

2017 - 2019 Total Wastewater Monthly Flow in MGD

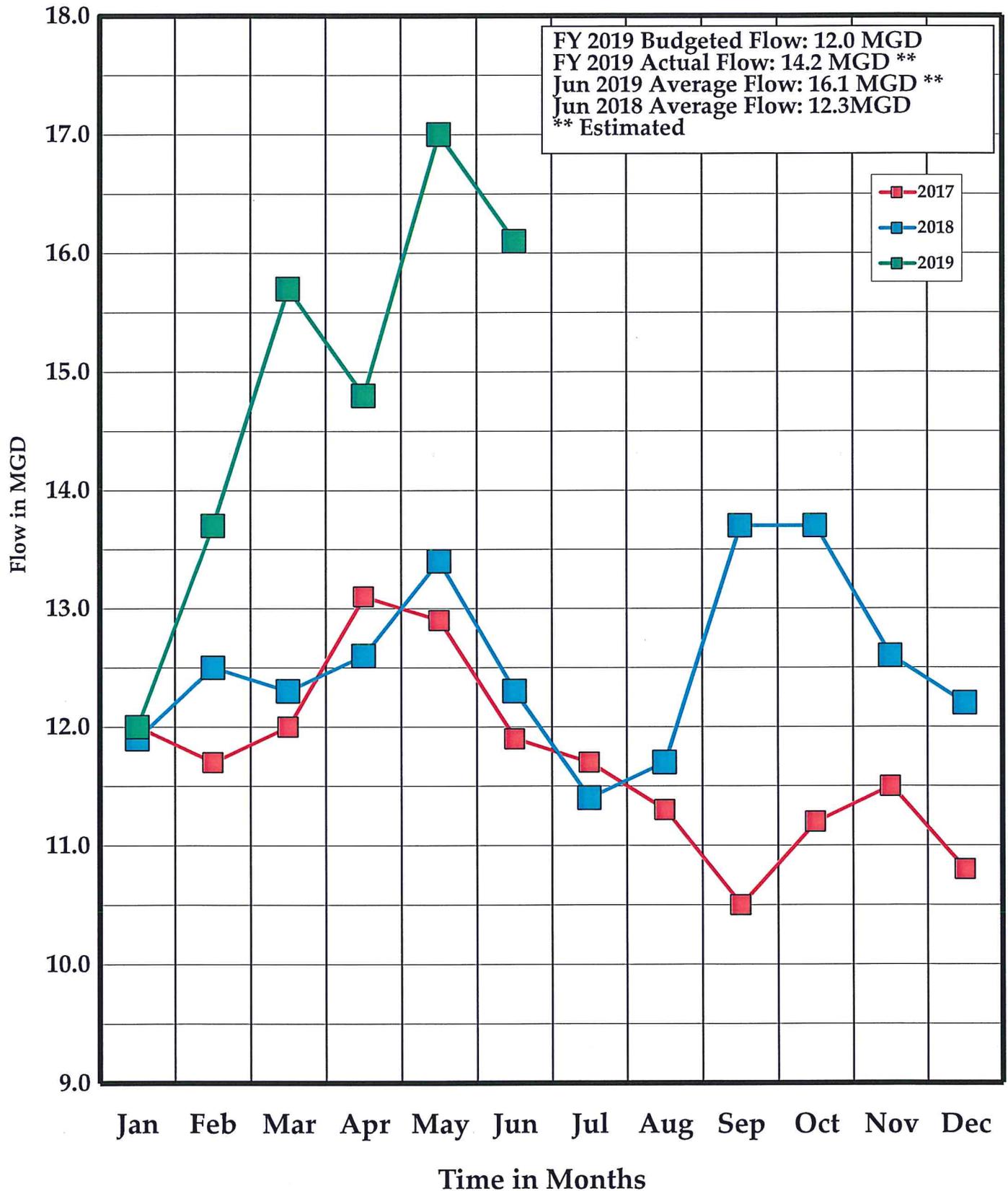


Figure 2

2017 - 2019 Hauled Waste Monthly Volume in Gallons

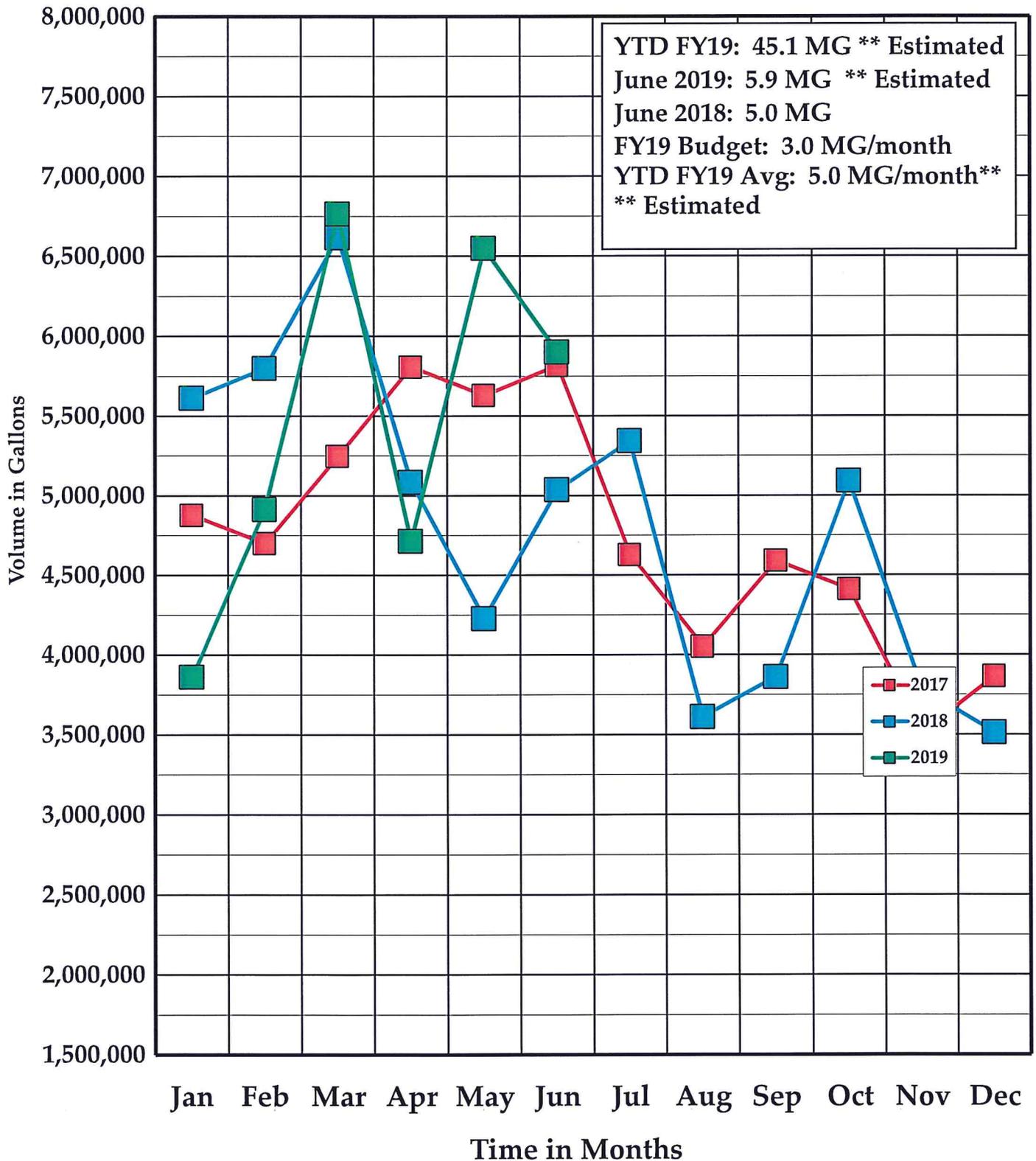
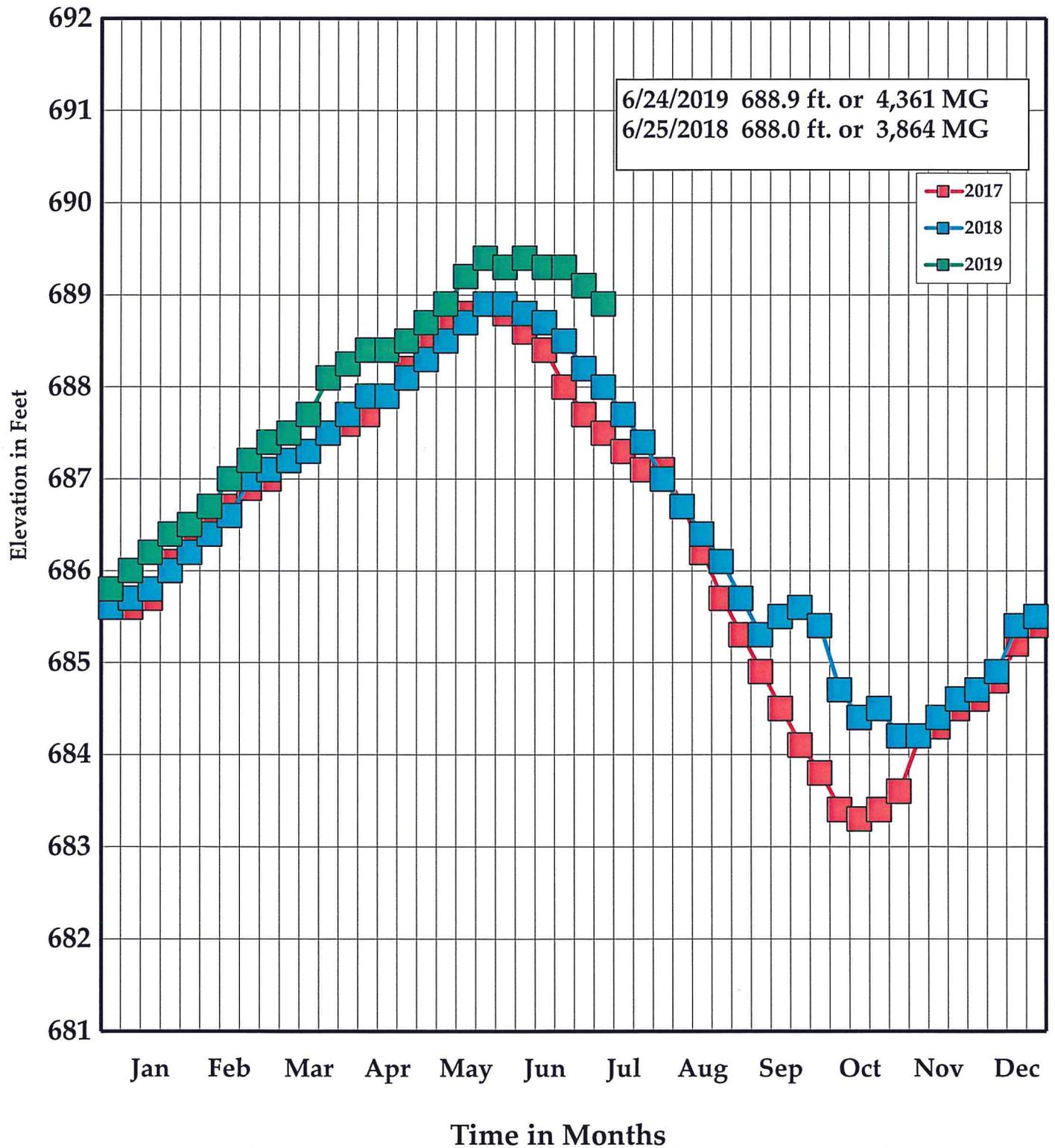


Figure 3

2017 - 2019 Metro Lagoon Average Elevation in Feet



ALZHEIMER'S DISEASE:

Piecing Together The Latest Findings on Prevention and Treatment

AUGUST 22nd

MUSKEGON

LifeCircles PACE,
560 Seminole Road, MI 49444

Advance registration requested.

Call 800.272.3900 or
www.AlzheimersResearchNight.org

Registration is free however, a \$10 donation per person (or family) is appreciated.

Registration and Refreshments at 5:30 p.m. Presentation and Q & A from 6:00 p.m to 8:00 p.m.

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SERVICES



RESEARCH NIGHT

Featuring special presenter
**Dr. Bruno Giordani of the Michigan
Alzheimer's Disease Center.**

