



January 2, 2020

TO: Mayor and City Council

FROM: Mark C. Meyers, City Administrator *MCM*

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.

MCM/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

Date: January 2, 2020

To: Mark Meyers – City Administrator

CC: Jerry Bartoszek – DPW Director

From: Matt Anderson – Water & Sewer Superintendent *MA*

Subject: Lakeshore Lift Station – Emergency By-pass Pumping

On Tuesday, December 31, 2019 the on-call Supervisor received an alert that the 396 Lakeshore lift station was in “high-water” alarm. When the crew got on-site, they noticed the lift station pumps were not keeping up with the flow coming into the wet well. The crew took the Vector to pump down the wet well in order to assess the problem. The crew found that the incoming flow is greater than the gallons-per-minute (GPM) the pumps were designed for.

Throughout the year, I track the kilowatt hours used for all forty-four (44) lift stations. We have noticed over the past 6 months that this lift station has had increased electrical hours as well as pumping hours. This station is seeing an increase of flow entering the wet well.

One reason for this flow is the number of homes within the collection area having their sump pumps plumbed into the sanitary sewer. Per residential plumbing code R405.2.3 – Drainage System, this is an unapproved connection. These homes will need to have their sump pumps re-plumbed to discharge onto their property while following the provisions of Section 48-855 of the City’s Code of Ordinances. These homes will be notified of the unapproved connection and will be given a reasonable amount of time to have all changes made and approved per Code. The City pays Muskegon County to treat our sanitary sewer, with the excess amount of storm water being pumped to the County’s system, the City is therefore paying to treat this water without properly charging for it.

Currently, the City hired Mersino Dewatering, out of Grand Rapids, to setup by-pass pumping. They have a double pump setup at the station with a temporary force-main running through Mona Lake Park and discharging into the manhole just west of the intersection of 2nd St. and Hoyt St. This mainline sewer then gravity flows to the north side of Seaway Dr. and then through the County’s master meter. It is estimated that the City will pay about \$25,000 for the first month and \$5,200 per week thereafter until this issue is resolved.

If you have any questions, please contact me.