



April 8, 2019

Council Meeting of April 16, 2019

Subject: 3006 Valk Street
Emergency Repair Authorization

The Honorable Mayor
and
Members of the City Council

Ladies and Gentlemen:

On March 13, 2019, Kennedy Industries installed two new Flygt submersible pumps at the 3006 Valk Street lift station. The original pumps were installed in October 1998 and had been experiencing multiple failures over the past few months.

Kennedy Industries installed both pumps at a cost of \$13,000. In accordance with our purchasing ordinance, the City Council is requested to authorize the emergency repairs at a total cost of \$13,000; funds are available in the Sewer Fund.

Adoption of the attached resolution will authorize payment to Kennedy Industries.

Respectfully submitted,

Mark C. Meyers
City Administrator

GAB/sr
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

RESOLUTION

NOW, THEREFORE, BE IT RESOLVED that payment for emergency repair services, for the replacement of two Flygt pumps at the lift station located at 3006 Valk Street is authorized in the amount of \$13,000.

At a regular meeting of the City Council of the City of Norton Shores, held at the Norton Shores Branch Library, 705 Seminole Road, on the 16th day of April, 2019, the foregoing resolution was moved for adoption by Council Member. The motion was supported by Council Member.

Ayes:

Nays:

Resolution declared adopted/denied.

Shelly Stibitz, City Clerk



Internal Memo

To: Jerry Bartoszek – Public Works Director

CC: Scott Houghtaling – Water & Sewer Supervisor

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

Date: March 25, 2019

Re: Emergency Lift Station Pump Purchase – 3006 Valk Lift Station

The lift station at 3006 Valk had ABS pumps that were installed in October 1998. These pumps have been experiencing failures over the past few months. One of the two pumps was pulled for having a bad motor, which was sent to Hydro Dynamics (ABS pump supplier) for a quote to repair the pump. This in turn put the station in operation with only one pump.

Shortly after receiving the quote for repair from Hydro Dynamics, the Valk station had a motor temp overload (pump got hot and tripped out) and the City's standard protocol is to send personnel to pull the pump and clean it. When personnel pulled the pump they noticed that there was very little debris within the pump. The City then called CNC Electric and had them assess the pump. CNC Electric megged (process used to test the resistance in the motor windings) the other pump at that time and noticed failure to be approaching a critical level of reliability as well. CNC Electric stated it was only a matter of time until full failure.

The City then obtained quotes from Hydro Dynamics and Kennedy Industries for an emergency pump replacement/repair. Both submitted quotes that were assessed. Kennedy Industries gave the better solution for the City's emergency. They had a direct Flygt replacement that they would be able to install immediately. On March 13th Kennedy Industries installed two new Flygt submersible pumps into 3006 Valk lift station at the cost of \$13,000. These new pumps come with a 2-year no clog guarantee from Flygt themselves.

In addition, these new pumps would work at a better efficiency and aid in obtaining the City's goal towards standardizing our lift stations to utilize Flygt pumps. With the replacement of these pumps we would save on electricity because of the new motor designs and we would have access to the parts for repair in a short amount of time. We currently are using Flygt pumps in several of our other stations and they are proving themselves reliable.

The total \$13,000 has been paid for from the FY-2019 Sewer budget. Flygt pumps are only available from Kennedy Industries as they are the sole Michigan Representative.

If you have any questions or would like to discuss this further, please let me know.