

## UTILITIES COMMITTEE MINUTES JANUARY 7, 2014

The Utilities Committee meeting was held on January 7, 2014 at North Royalton City Hall, 13834 Ridge Road. The meeting was called to order at 6:34 p.m.

**PRESENT:** Committee Members: Chair Gary Petrusky, Vice Chair Dan Langshaw, Dan Kasaris; Council: Larry Antoskiewicz, Paul Marnecheck, Steve Muller, John Nickell, Diane Veverka Recording Secretary; Administration: Mayor Robert Stefanik, Service Director Nick Cinquepalmi, Finance Director Eric Dean, City Engineer Mark Schmitzer; Wastewater Superintendent Tim Tigue.

### APPROVAL OF MINUTES

Moved by Mr. Kasaris, seconded by Mr. Langshaw to **approve the November 19, 2013 minutes with change to the DRAFT version before submitted to Committee for approval.** Yeas: 3. Nays: 0. **Motion carried.**

### UNFINISHED BUSINESS

#### 1. **Inflow/Infiltration of storm water**

Mr. Tigue distributed a chart showing the B-Plant's wastewater treatment flows for December 22, 2013. He said that this is the area that we have been concentrating on I&I for years. He explained that the chart is in a million gallons per day unit of measure. He said around 7:00 a.m. for 10 to 15 minutes there was a significant drop of approximately 700 to 900 gallons per minute in water flow to the influent of the plant. He shared his thoughts of possible causes either stemming from an area located near a creek or on a main sewer. It is most likely from a missing manhole cover or a riser manhole or an open grate manhole cover. He felt it was less likely coming from a stormwater culvert. He explained what measures they are going to take to investigate the issue. He added that if the problem is found and resolved, 1 million to 1.2 million gallons of flow will be cut. He said he reviewed previous data from three years ago and realized that this was also an issue at that time.

#### 2. **Wiltshire Sanitary Sewer**

No new complaints have been received.

### NEW BUSINESS

#### **Influent Lift Station Study**

Mr. Tigue distributed a copy of the Wastewater Treatment Plant-A Influent Pump Station Study dated December 2013. MWH Americas is the same company that designed and constructed the upgrade in 1997. He explained that this study was done for planning purposes to give us and the Wastewater Treatment Plant a national/international consultants' view. Also, the study gives recommendations but we do not need to follow them. He said it is not based on economic factors. It is based on maintenance needs: what will work, how often it will work, is it the best thing to do in the worst scenario, and if it works 99% of the time is that good enough. He said there are a lot of disadvantages to the influent screw pumps that we have. He explained how a submersible pump works and what the advantages are. Mr. Tigue said we are leaning toward option #2 simply because it meets all of our needs and has fewer problems. An estimated cost is \$2.5 million which includes installation. In 2015 we will look at talking with the consultant again about procedures and design costs. At that time we will also look at obtaining a loan from the Ohio EPA, Water Pollution Control Fund.

This item is to remain on the agenda for the February meeting.

#### **A-Plant Permit**

Mr. Tigue said the A-Plant permit which expired on December 31, 2013 had already been applied for back in June. He explained that in reality it never expires, instead we wait for the renewal from the Ohio EPA. It normally takes six months but we are still waiting to hear from them. The same requirements stay enforced until we hear differently.

This item is to remain on the agenda for the February meeting.

**ADJOURNMENT**

Moved by Mr. Petrusky, seconded by Mr. Kasaris **to adjourn the meeting**. Yeas: 3. Nays: 0. **Motion carried**. Meeting adjourned at 7:04 p.m.