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WATER POLLUTION CONTROL FACILITY  
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PHONE 734-449-4159**

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**To: Northfield Township Board of Trustees**  
**From: Dan Willis Wastewater Treatment Plant Superintendent**  
**Date: July 2017**  
**Subject: Monthly Report**

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- July 8 Alarm at Lake Pointe grinder pump station, replaced pump # 2 with a pump from Hamburg Twp. They are rebuilding our pump and we will exchange it when it is done
- July 11 High level alarm at East Shore # 1 pump station. An electrical problem with the scada system, UIS was called and resolved the problem.
- July 11 The miss dig system called with an emergency gas leak and the sewer marked after hours
- July 14 The sand filters were chlorinated to remove a growth that attaches to the filter plates.
- July 17 Plugged sewer call at 11290 Main St. The homeowners sump pump was plugged resulting in water recirculating into the drains. The sump was hooked to the sewer, homeowner was advised that the sump had to be removed from the sewer.
- July 24 New AC unit installed and working great.

- July 24 Reinstalled the grinder pump on Lake Pointe after being rebuilt from Hamburg Twp and returned the loaner pump.
- July 24 Read Qrt water readings and conducted a count of trailers in park for sewer billing
- July 26 Rebuilt a pump in the Main St. pump station, including new motor, pump and wear plate. This took 2 men 2 days.
- July 28 Call back, power fails system wide.
- July 29 Lost all water pressure at the plant due to a power problem at the Prison which provides water to the plant. Water was restored later in the day
- July 31 Met with Tawn Beliger and Planner at new township park to go over proposed trails

<b>July 2016 Daily Average Flow</b>	<b>.639 MGD</b>
<b>July 2017 Daily Average Flow</b>	<b>.679 MGD</b>
<b>Maximum May Daily Flow 2016</b>	<b>.780 MGD</b>
<b>Maximum May Daily Flow 2017</b>	<b>.800 MGD</b>
<b>Minimum May Daily Flow 2016</b>	<b>.523 MGD</b>
<b>Minimum May Daily Flow 2017</b>	<b>.564 MGD</b>
<b>6 – Month Average Flow</b>	<b>.886 MGD</b>
<b>12 – Month Average Flow</b>	<b>.776 MGD</b>
<b>Total Gallons Treated July 2016</b>	<b>20.830 MG</b>
<b>Total Gallons Treated July 2017</b>	<b>21.744 MG</b>
<b>Rainfall (inches) July 2016</b>	<b>5.55</b>

<b>Rainfall (inches) July 2017</b>	<b>4.00</b>
<b>Connections / Tap-ins' to system</b>	<b>1 – 980 Seven Mile Rd.</b>
<b>Miss Dig Staking's</b>	<b>8</b>
<b>Overtime hours for the month</b>	<b>49 hrs</b>