

**JAMES E. COX**  
**NORTHFIELD TOWNSHIP**  
**WATER POLLUTION CONTROL FACILITY**  
**11500 LEMEN ROAD WHITMORE LAKE MICHIGAN**  
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**To:** Northfield Township Board of Trustees  
**From:** Dan Willis -Wastewater Treatment Plant Superintendent  
**Date:** December 2017  
**Subject:** Monthly Report

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- 12/1** Raked and reseeded on Barker Rd. where a tree was removed for the non-motorized path.
- 12/1** Pulled rags from pump #2 at the Elmcrest pump station.
- 12/1** Tom Beert finished his last day of employment.
- 12/5** Fixed the floats at the Shadow Woods pump station the was running the pumps on the lag float.
- 12/7** An inspection of 3 of our pump station for cathodic rust protection was performed by Corpro and revealed problems at 2 of them.
- 12/8** The intermediate sludge pump plugged and had to be torn apart 5 times to remove gravel that had accumulated over the years.
- 12/9** Call back for an emergency MissDig for an electric pole that had snapped.
- 12/11** The intermediate pump continues to plug with gravel but we are making progress .
- 12/18** MAS has moved in to haul sludge.
- 12/18** Pulled rags from pump # 2 at Elmcrest my have to replace impellers.
- 12/18** Pulled rags from float at N. Shore # 2
- 12/20** Repaired check valve at N. Shore # 2
- 12/22** Met with Brian Rubel to go over the asset management program
- 12/20** MAS finished hauling our sludge with 429,000 gals hauled.
- 12/26** Pulled rags out of Elmcrest # 2 pump.

<b>December 2016 Daily Average Flow</b>	<b>.678 MGD</b>
<b>December 2017 Daily Average Flow</b>	<b>.668 MGD</b>
<b>Maximum December Daily Flow 2016</b>	<b>.867 MGD</b>
<b>Maximum December Daily Flow 2017</b>	<b>.756 MGD</b>
<b>Minimum December Daily Flow 2016</b>	<b>.616 MGD</b>
<b>Minimum December Daily Flow 2017</b>	<b>.607 MGD</b>
<b>6 – Month Average Flow</b>	<b>.644 MGD</b>
<b>12 – Month Average Flow</b>	<b>.765 MGD</b>
<b>Total Gallons Treated December 2016</b>	<b>19.78 MG</b>
<b>Total Gallons Treated December 2017</b>	<b>20.71 MG</b>
<b>Rainfall (inches) December 2016</b>	
<b>Rainfall (inches) December 2017</b>	<b>1.07</b>
<b>Connections / Tap-ins' to system</b>	<b>0</b>
<b>Miss Dig Staking's</b>	<b>4</b>
<b>Overtime hours for the month</b>	<b>42 hrs</b>