

**JAMES E. COX**  
**NORTHFIELD TOWNSHIP**  
**WATER POLLUTION CONTROL FACILITY**  
**11500 LEMEN ROAD WHITMORE LAKE MICHIGAN**  
**PHONE 734-449-4159**

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**To:** Northfield Township Board of Trustees

**From:** Tim Hardesty Wastewater Treatment Plant Superintendent

**Date:** August 4<sup>th</sup>, 2016

**Subject:** July 2016 Monthly Report

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- 6/28/16: Fixed toilet at 75 Barker.
- 6/29/16: Attached Plexiglas shields on stair railings upstairs at Township Hall.
- 7/1/16: Continuing with cleaning and televising of main lines.
- 7/1/16: Pulled pump #1 at Canal pump station. Found a tee shirt in pump.
- 7/5/16: Fixed P trap at Township Hall.
- 7/5/16: Call back for power failure alarms.
- 7/7/16: Dug up and repaired water line leak at treatment plant.
- 7/8/16: Call back for multiple power failure alarms.
- 7/12/16: Trees and power lines down along plant drive. Running on generator.
- 7/12/16: Pulled pump #1 at Elmcrest pump station.
- 7/14/16: Pulled out the grinder pump cores from cans where the owners' are not going to connect right away.
- 7/14/16: Repaired motor starter at the nine mile pump station.
- 7/15/16: Cleaned out polymer tank #1 because of plugging.
- 7/18/16: Cleaned polymer tank #2 because of plugging.
- 7/21/16: Power failure at Edmund pump station. Generator running.
- 7/22/16: Had to have a new water pump installed in the Eight Mile Rd. pump station generator.
- 7/23/16: Call back for primary pump #2 that was air bound.
- 7/28/16: Painted south gas lifter housing.
- 7/30/16: Call back for multiple power failures and pump stations and plant.

<b>July 2016 Daily Average Flow</b>	<b>.639MGD</b>
<b>July 2015 Daily Average Flow</b>	<b>.770MGD</b>
<b>Maximum May Daily Flow 2016</b>	<b>.780MGD</b>
<b>Maximum May Daily Flow 2015</b>	<b>.920MGD</b>
<b>Minimum May Daily Flow 2016</b>	<b>.523MGD</b>
<b>Minimum May Daily Flow 2015</b>	<b>.651MGD</b>
<b>6 – Month Average Flow</b>	<b>.725MGD</b>
<b>12 – Month Average Flow</b>	<b>.670MGD</b>
<b>Total Gallons Treated July 2016</b>	<b>19,798,000MG</b>
<b>Total Gallons Treated July 2015</b>	<b>23,873,000MG</b>
<b>Rainfall (inches) July 2016</b>	<b>5.50”</b>
<b>Rainfall (inches) July 2015</b>	<b>4.00”</b>
<b>Connections / Tap-ins’ to system</b>	<b>3</b>
<b>Miss Dig Stakings</b>	<b>6</b>
<b>Overtime hours for the month</b>	<b>44</b>