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WATER POLLUTION CONTROL FACILITY
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To: Northfield Township Board of Trustees

From: Dan Willis -Wastewater Treatment Plant Superintendent

Date: May, 9 2017

Subject: April Monthly Report

4/1/17	Plant alarm, high level primary tank.
4/3/17	Plugged sewer call, 650 Six mile. Checked out was homeowners problem.
4/5/17	Replaced aging water bath in Lab,used for fecal analysis.
4/6/17	Plant alarm high level primary tank 2am, We had to bypass flow around aeration as flow peaked at 1420 gpm or 2 mgd
4/6/17	Call back power fail Northshore # 2
4/7/17	Plugged sewer call 11600 N. Main home owner problem.
4/7/17	Plant flow overnight was 1.799 mgd, still bypassing but meeting our discharge permit.
4/8/17	Power restored at North Shore #2
4/9/17	Our flow dropped to1.3 mgd and we stopped bypassing.
4/10/17	Wastewater personnel changed 4 light bulbs at the community center.
4/17/17	Tom Beert started today as Operator 2
4/19/17	Installed 2 new check valves on the new chlorine pumps
4/20/17	Plant alarm high level primary tank. We received over 2.5 inches of rain over the last 2 days.We had to bypass about 25% of the flow around aeration for 8 hrs. A retention basin would be nice

4/21/17	Our flow for the last 24 hrs peaked at 1.58 million gallons.
4/25/17	Plugged sewer call at 8820 Lincoln homeowners problem.
4/26/17	The sewer at 8820 Lincoln was dug up and repaired by the homeowner.

April 2016 Daily Average Flow	.809 MGD
April 2017 Daily Average Flow	1.150 MGD
 Maximum April Daily Flow 2016	 .984 MGD
Maximum April Daily Flow 2017	1.799 MGD
 Minimum April Daily Flow 2016	 .711 MGD
Minimum April Daily Flow 2017	.881 MGD
 6 – Month Average Flow	 .831 MGD
12 – Month Average Flow	.758 MGD
 Total Gallons Treated April 2016	 21.896 MG
Total Gallons Treated April 2017	25.994 MG
 Rainfall (inches) April 2016	 2.41
Rainfall (inches) April 2017	6.87
 Connections / Tap-ins' to system	 0
Miss Dig Staking's	8
 Overtime hours for the month	 51