

**JAMES E. COX
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WATER POLLUTION CONTROL FACILITY
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To: Northfield Township Board

From: Dan Willis Wastewater Treatment Plant Superintendent

Date: April 2, 2019

Subject: March, 2019 Report

- 3/1** Chlorinated our sand filters to remove growth from the ceramic plates, to restore flow through them.
- 3/1** An electrician from UIS came out to look at our blower to replace the controls that weren't working and found a timer in the controls was bad. The timer was replaced for \$300 saving us thousands over the replacement cost of a new VFD.
- 3/7** Mike Spirl attended a two day wastewater operators conference in Frankenmuth.
- 3/9** The water main that supplies the plant broke, the valve was turned off and the equipment that uses water was put on the backup system. Because of it being Saturday we scheduled repairs for Monday.
- 3/11** Joe Raica Excavating came in and repaired our water main and got us back on line.
- 3/19** We rebuilt two 6" valves that isolate a sludge pump that we haven't been able to close in years so that we could work on the pump. After we isolated the pump we found a ball check wasn't operating properly and it was replaced. This allowed us to avoid a costly repair.
- 3/21** Replaced the wash tub in the garage that had fallen down.
- 3/29** Homeowner at 9473 Wildwood called about a leaking sewer line in their backyard, it turned out to be a storm drain.

March, 2019

2018 Daily Average Flow	.879 MGD
2019 Daily Average Flow	.782 MGD
Maximum Daily Flow 2018	1.170 MGD

Maximum Daily Flow 2019	1.089 MGD
Minimum Daily Flow 2018	.716 MGD
Minimum Daily Flow 2019	.676 MGD
6 – Month Average Flow	.694 MGD
12 – Month Average Flow	.760 MGD
Total Gallons Treated 2018	27.262 MG
Total Gallons Treated 2019	24.230 MG
Rainfall (inches) 2018	2.44 in.
Rainfall (inches) 2019	2.67 in.
Connections / Tap-ins' to system	0
Miss Dig Staking's	4
Overtime hours for the month	33.0 hrs