



UTILITIES DEPARTMENT

MONTHLY ACTIVITY REPORT

March 2021

BCTP	
2/10/21	-Replaced two odor control sump heaters. One at headworks and one at sludge handling.
2/10/21	-Plant staff troubleshoot an issue with belt filter press #2 feed pump.
2/19/21	-Troubleshoot an issue with one of the moisture sensors on Raw Sewage Pump #126. The pump was removed and sent to the manufactures authorized repair shop for further evaluation.
2/24/21	-Made repairs to rotary drum thickener #2 polymer feed system.
2/28/21	-Plant staff installed a recently rebuilt circular aerator in reactor 1A.
3/1/21	-Plant operators installed new fiberglass life ring cabinets; this initiative was partially funded by a grant with KMIT.
3/3/21	-A high flow event prompted staff to operate the plant from 6:00 a.m. Sunday through 3:30 p.m. Monday (total rainfall 0.97"). At approximately 7:30 p.m. plant staff received a low MBR level alarm, upon inspection, they found that the 36" RAS line feeding the anoxic zone in bioreactor #3 was leaking underground and surfacing to the west side of the tanks. Additional staff was called out to pump bioreactor #3 into #2. The leak was isolated, and repairs are pending.
Franklin Acres Pump Station	-No operational issues.
Briar Creek Pump Station	-No operational issues.
Wolfe Run Pump Station	-No operational issues.
Water Supply	-2/6-Troubleshoot a communications loss at the south tank SCADA panel. -2/8-Responded to a customer requesting a pH check. The results were within regulatory limits. -2/23-Reinstalled Pennwood booster pump #3 and returned it to normal duty. -2/24-25-Operators responded to several high turbidity alarms at the Pennwood booster station. West View was notified, and they initiated line flushing. The cause of the cloudy water was due to a power outage at the Baden plant.
**Commonly Used Acronyms	IPS: Influent Pump Station, EPS: Effluent Pump Station, RDT: Rotating Drum Thickener, ATAD: Autothermal Aerobic Thermophilic Digestion, FOG: Fats, Oils and Grease, OCV: Automatic Control Valve, NASSCO: National Association of Sewer Service Companies, BOD: Biochemical Oxygen Demand, RAS: Return Activated Sludge, MBR: Membrane Bioreactors
PRETREATMENT	
IPP Program Submittal	-Waiting on EPA approval.
Industrial Users	-Peterson Cartridge wastewater permit effective January 1, 2021. Facility inspection TBD. -Paragon Foods – Wastewater permit executed.
Incoming FOG Users	-Pizza Palermo – Open. -Recon Brewing – Expected to open in April.
Existing FOG Maintenance	-Performing FOG permit renewal inspections for March. -Performing site visits for “Non-compliant” and “No Pump Outs” FOG users. -Mission Mahi – Closed.
Manhole Assessment Program	-Manhole Inspection Form added to GIS. -Start date: March 16 2021. -Demo of Envirosight CleverScan scheduled for March 19, 2021. -Manhole dashboard in place.

PRETREATMENT CONT...		
Flow Metering	-Teledyne Isco meter installed at Marshall 1 for a pilot study - removed. -Three quotes received.	
SEWER & WATER FIELD		
2/19/2021	-Excavated and repaired a leak on the twelve-inch water main along Unionville Road just west of the Springfield Manor plan of homes.	
3/1/2021	-Dislodged a clog in the sewer main along Powell Road just south of Holiday Drive and east of MacIntosh Court.	
3/1/2021	-Conducted the two-year PM on the pressure valves in the Fernway Rochester Road pressure pit.	
3/2/2021	-Excavated and repaired a broken water service curb box at 2620 Rochester Road (Gordon’s Market).	
3/2/2021	-Excavated and repaired the sewer lateral at 9117 Marshall Road.	
3/5/2021	-Excavated and replaced a malfunctioning curb stop valve at 231 East Commons Drive in the Pineridge complex.	
3/8/2021	-Calibrated the three Marshall Township sewer flow meters and the New Sewickley Township meter.	
3/9/2021	-Conducted the annual PM on the Wolfe Run sanitary sewer force main air-relief valve along Garvin Road near the Oakview plan of homes.	
3/12/2021	-Conducted the annual PM on the Wolfe Run sanitary sewer force main air-relief valve near 573 Callery Road.	
3/15/2021	-Conducted the two-year PM on the pressure valves in the Fernway Freedom Road pressure pit.	
Valve Maintenance	-During the months of February and March; continued with the valve operating program.	
Curb Box Maintenance	-No operational issues.	
Monthly Utilities Counts: February 2021	TAPS:	7
	METER INSTALLS:	11
	METER REPLACEMENTS:	4
	INSPECTIONS (Water, Sewer & Development):	29
Water/Sewer/Storm (CA1) One Call Utility Locates		

Ticket summary PA811- Water Sewer Storm, 01 Feb 2021 - 28 Feb 2021

Ticket summary

115 Number of Tickets	115 Assigned Tickets	0 Unassigned Tickets	115 Closed Tickets	0 Open Tickets
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Tickets by type



Tickets by assignee



Response codes



Service areas

