



UTILITIES DEPARTMENT

MONTHLY ACTIVITY REPORT

February 2021

BCTP	
1/18/21	-Plant staff troubleshoot and repaired bulk caustic feed pump #1.
1/25/21	-Operators re-installed rebuilt IPS mixer, North wet well.
1/27/21	-While performing routine PM, staff discovered burnt insulation on process blower #4's motor terminations. This prompted operators to conduct a plant wide inspection of all Aerzen blower motor power connections. Several minor issues were identified and corrected.
1/27/21	-A new roll door was installed at the old auxiliary pump station.
1/27/21	-Operators installed new diaphragm in headworks odor control sodium hypochlorite feed pump
2/1/21	-Plant staff began prep work at the old auxiliary pump station. The old bar screen room is being repurposed as an ATAD equipment storage area.
2/2/21	-Operators installed conduit and wiring to relocate and repurpose an existing air compressor to the MBR building.
Franklin Acres Pump Station	-No operational issues.
Briar Creek Pump Station	-No operational issues.
Wolfe Run Pump Station	-1/26 -Plant staff installed new wet well mixer – North wet well.
Water Supply	-1/19 - Collected first quarter trihalomethane compliance samples. -1/20 - Plant staff removed Pennwood pump #3 for scheduled PM. -1/25 - Suez completed visual inspections of all three-water storage tanks. -2/6 - Plant staff troubleshoot a communication issue with the south tank, the issue was IT related. -2/8 – Responded to a customer with a low pH issue. The resident obtained a 6.2 reading which was performed by a third party. Operators obtained an 8.4. reading, indicating satisfactory water quality.
**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
PRETREATMENT	
IPP Program Submittal	-Program submitted to the EPA for review and approval.
Industrial Users	-Executed C.U.E. wastewater permit received. Facility visit, and permit review took place February 5th. -Finalized Peterson Cartridge wastewater permit effective January 1st. Facility inspection TBD. -Paragon Foods – BOD analytical results have decreased to acceptable limits.

PRETREATMENT CONT...

Incoming FOG Users	<ul style="list-style-type: none"> -Chik’N – Open -Seneca Valley School, Ehrman Road – Exterior 3,000-gallon grease interceptor installed. -Pizza Palermo – Grease trap installed and inspected. Opening soon. -Recon Brewing grease interceptor vacuum test completed.
Existing FOG Maintenance	<ul style="list-style-type: none"> -Emiliano’s Mexican Restaurant – New grease trap installed -Performing FOG permit renewal inspections for February. -Performing site visits for non-compliant FOG user. -Determining a compliance checklist for Marshall Twp. FOG users. -Dock to Table – Closed. Reopening TBD -The Big Salad – Closed -Mission Mahi – Closing the end of February
Manhole Assessment Program	<ul style="list-style-type: none"> -Condition and Criticality Ratings defined. -Pilot manhole assessment training area for employees defined. -Manhole Inspection Form completed. IT to add info to GIS. -Projected start date scheduled for March 2021. -Training for new hires to take place. NASSCO Manhole Assessment (Complete), Confined Space, Flagger training. -Scheduling demo of Envirosight CleverScan.
Flow Metering	<ul style="list-style-type: none"> -Teledyne Isco meter installed at Marshall 1 for a pilot study. Data is being recorded. -A meeting with Drnach Environmental is scheduled for February 24, 2021 to discuss flow metering the interceptor sewers.

SEWER & WATER FIELD

1/15/2021	-Abandoned the 3/4-inch water service to the old Fresh Air Camp site.
1/27/2021	-Opened a clogged sanitary sewer main near 115 Trees Dale Court in the Cranberry Village Mobile Home Park.
1/28/2021	-Excavated and repaired a break on the 6-inch main at the intersection of Greenwood Drive and Sun Valley Drive.
2/1/2021	-Repaired a break on the 8-inch main along Heights Drive near Chadwick Trail in the Cranberry Heights plan of homes.
2/8/2021	-Calibrated the three Marshall Township sewer flow meters and the New Sewickley Township meter.
2/10/2021	-Excavated and replaced a leaking 3/4-inch water service line at 511 Chaparral Drive in the Timberline plan of homes.
2/11/2021	-Excavated and replaced a leaking 3/4-inch water service road crossing at 513 Sunrise Drive in the Glen Eden Townhouse complex.
Valve Maintenance	-During the month of January, continued with the valve operating program.
Curb Box Maintenance	-No operational issues.

SEWER & WATER FIELD CONT...

Monthly Utilities
Counts: January
2021

TAPS:	12
METER INSTALLS:	12
METER REPLACEMENTS:	11
INSPECTIONS (Water, Sewer & Development):	22

Water/Sewer/Storm (CA1) One Call Utility Locates

Ticket summary PA811- Water Sewer Storm, 01 Jan 2021 - 31 Jan 2021

Ticket summary

109	109	0	109	0
Number of Tickets	Assigned Tickets	Unassigned Tickets	Closed Tickets	Open Tickets

Tickets by type



Tickets by assignee



Response codes



Service areas

