



UTILITIES DEPARTMENT

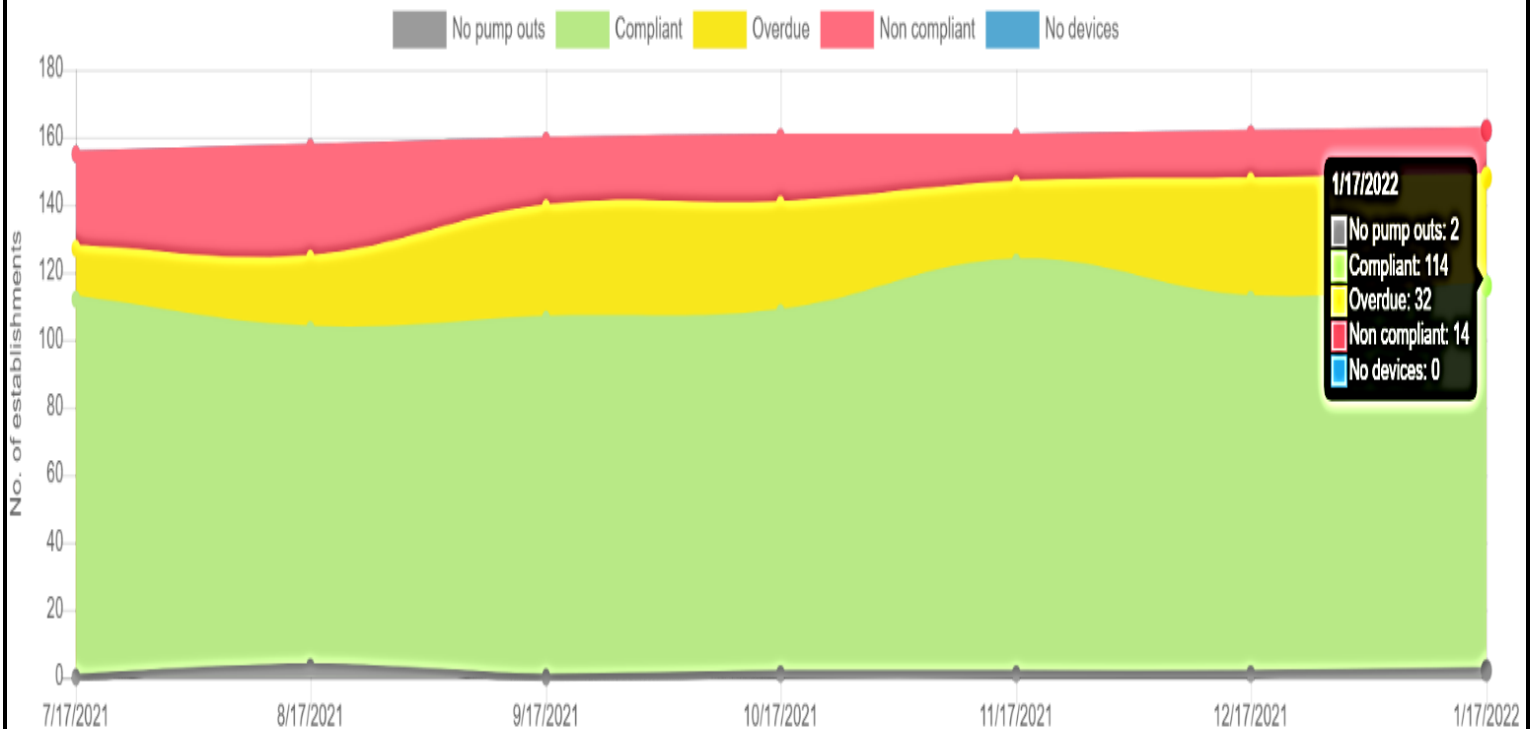
MONTHLY ACTIVITY REPORT

JANUARY 2022

BCTP	
12/7/2021	-Plant staff replaced battery for Briar Creek Generator.
12/8/2021	-The new W911 software (SCADA ALARM software) is installed and all the communications were configured and tested.
12/8/2021	-Plant operators completed mounting cameras at MBR , IPS , Blower bldg. and Fine screen.
12/15/2021	-The spare IPS pump was delivered from the vendor.
12/16/2021	-Replaced the bolts on RAS line coupling; making the pipe ready to be covered with concrete.
12/21/2021	-Concrete poured at RAS line.
12/25/2021	-A rainfall event prompted operators to staff the plant until 8:00 p.m. (total rainfall 1.19 inches).
12/28/2021	-A rainfall event prompted operators to staff the plant from 11:30 p.m. through 1:00 a.m. (total rainfall 0.88 inches).
12/30/2021	-Extended fiber cable at West tank into the SCADA control panel. This cable will allow for a more robust communications from the tank to the Township Water SCADA network.
1/3/2022	-Installed new IPS pump and performed a test run to ensure the pump works properly.
Franklin Acres Pump Station	-No operational issues.
Briar Creek Pump Station	-No operational issues.
Wolfe Run Pump Station	-No operational issues.
Laurel Point Lift Station	<p>-12/8-Operators participated in a startup meeting for the temporary pumping system.</p> <p>-12/23-Received a diesel pump fail alarm, upon further investigation it was discovered that the unit had a frozen volute, staff added heat tracing.</p> <p>-12/24-Staff was alerted for a communication issue with the autodialing system. Verizon had blocked all outgoing text messages.</p> <p>-1/4-The diesel pump again had a frozen volute, and the vendor replaced the heat tracing with a portable heater inside the pump enclosure.</p>
Water Supply	-12/10-A commercial power outage occurred at the Pennwood Booster Station.
**Commonly Used Acronyms	<p>IPS: Influent Pump Station, EPS: Effluent Pump Station, RDT: Rotating Drum Thickener, ATAD: Autothermal Thermophilic Aerobic Digestion, FOG: Fats, Oils and Grease, OCV: Automatic Control Valve, NASSC: National Association of Sewer Service Companies, BOD: Biochemical Oxygen Demand, RAS: Return Activated Sludge, MBR: Membrane Bioreactors, UPS: Uninterruptible Power Supply, FAPS: Franklin Acres Pump Station, WRPS: Wolfe Run Pump Station, BCTP: Brush Creek Treatment Plant.</p>
PRETREATMENT	
IPP Program Submittal	-EPA reviewed the Township's IPP submission and requested several required and recommended changes. Revisions were submitted to the EPA on October 25th. EPA approved January 6, 2022.
Industrial Users	-2021 annual sampling of industrial users completed. Waiting for analytical results from the laboratory.

PRETREATMENT CONT...

Incoming FOG Users	<ul style="list-style-type: none"> -Crumble Cookies – 1691 Route 228 -Sunbelt Rentals -Clean Eat3 -The Good Slice/Sim Clubz – formerly Quaker Steak & Lube -Henry’s Meat Market – Butcher shop in planning stage -Sankalp Restaurant
Existing FOG Maintenance	<ul style="list-style-type: none"> -Performing FOG permit renewal inspections. -Site visits for “Non-compliant” and “No Pump Outs” FOG user. -16 users are non-compliant with their pump out schedule. -Ron Lewis Chrysler, Dodge, Jeep given Notice of Violation for non-compliance. -Gordon’s Mini Market – Given Notice of Violation for non-compliance.



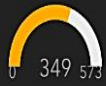
COLLECTION SYSTEM

Flow Metering	<ul style="list-style-type: none"> -Interceptor 14 sub-basins flow monitoring complete. -Sub-basin I14S14A identified as area with high I&I. Sub-basin will be smoke & dye tested along with 4 other sub-basins. -SmartCover–Demo of collection system flow monitoring technology scheduled to take place late January 2022. Five units will be installed for a 30-day period. Demo units have been shipped.
Manhole Assessment Program	<ul style="list-style-type: none"> -Phase 2 (sub-basin manholes). -Inspection of Interceptor 14 sub-basins completed. -Inspection of Interceptor 13 sub-basins 61% complete.
Sewer Flow Meters	<ul style="list-style-type: none"> -Manhole Work Orders–27 manholes on Interceptor 14 sub-basins need located and raised. -Sun Valley–Quote received for CCTV inspection of laterals and elevations. -Located 1 manhole not on GIS mapping.
Force Main	<ul style="list-style-type: none"> -No operational issues.
Miscellaneous	<ul style="list-style-type: none"> -3G upgrades scheduled for Mission meter sites.

COLLECTION SYSTEM CONT...

Sanitary Manhole Inspection 9/24/2021 to 9/24/2024

Interceptor 13



Manholes Inspected
per Selection

Last update: 4 minutes ago

61%

Work Complete

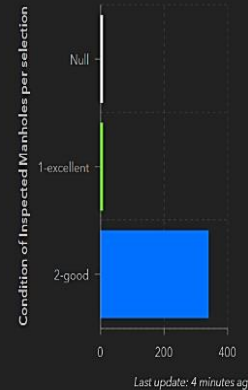
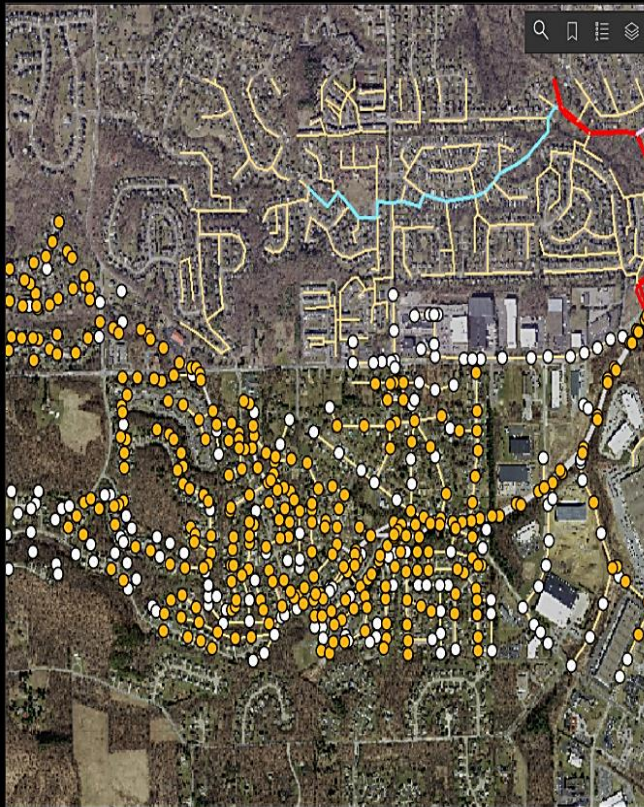
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Days In Schedule

Last update: 4 minutes ago

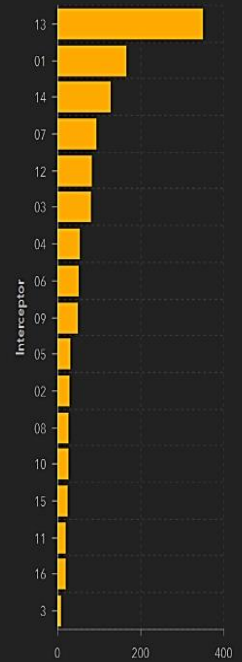
10.6%



Latest Inspected
Manholes
per Selection

- Interceptor13, MH13032, 1/3/2022
- Interceptor13, MH13021, 12/29/2021
- Interceptor13, MH13023, 12/29/2021
- Interceptor13, MH13040, 12/29/2021

of manholes
Inspected
Per Interceptor

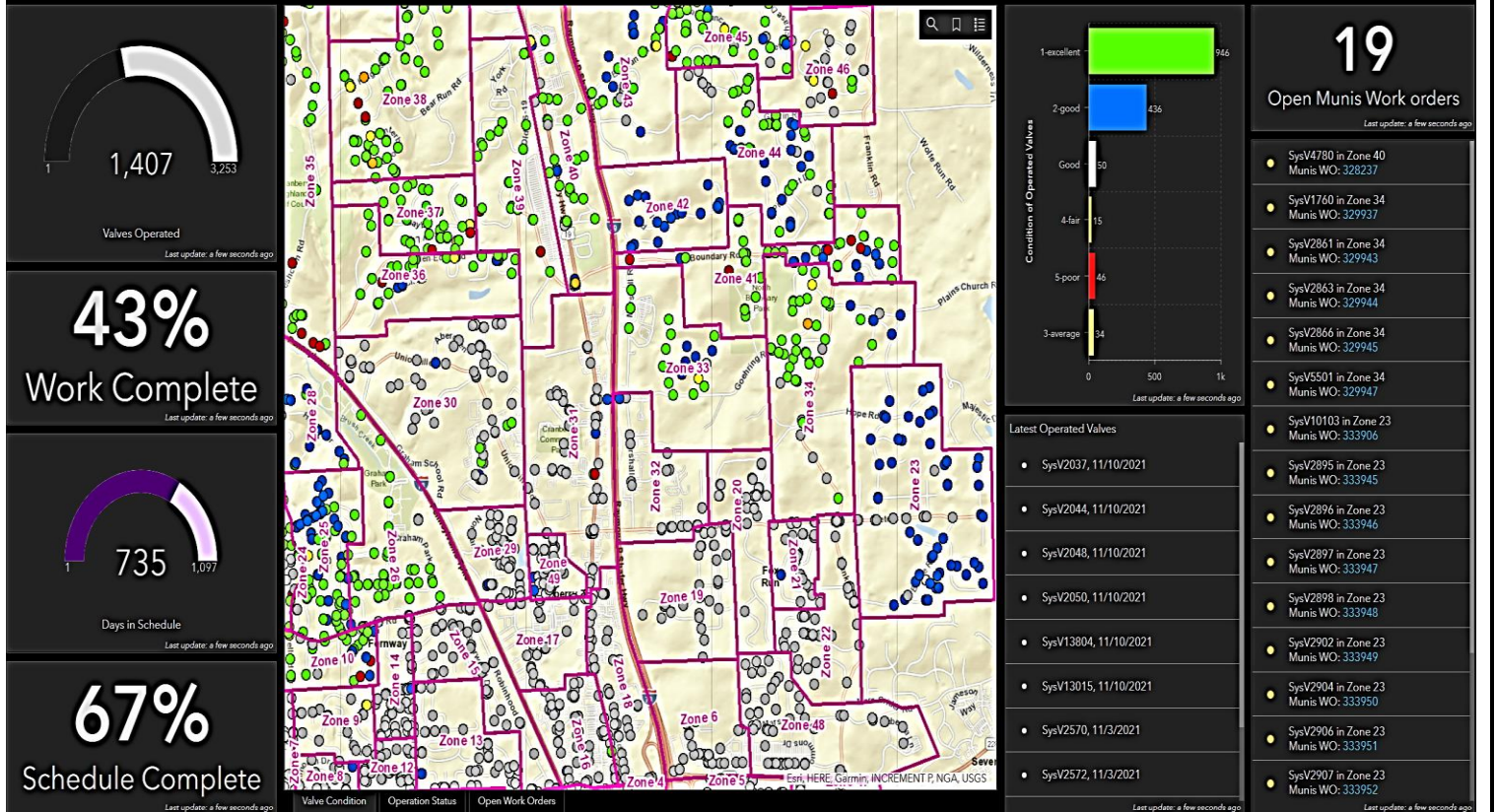


WATER DISTRIBUTION

12/2/2021	-Personnel excavated and replaced a leaking 3/4" water service line at 111 Opal Ct. in the Woodlands plan of homes.
12/10/2021	-Excavated and repaired a leak on the two-inch service tap at 1294 Freedom Rd. (Cranberry Sports Grill).
12/16/2021	-Crew excavated and repaired a leak on the four-inch water main near 235 East Commons Dr. in the Pineridge apartment complex.
12/21/2021	-Personnel excavated and replaced a non-operable 3/4" curb stop at 160 Lexington Dr. in the Old Towne apartment complex.
12/23/2021	-Excavated and replaced a leaking 3/4" water service at 129 Parkwood Dr. in the Woodlands development.
01/4/2022	-Crew excavated and repaired a leak on the ten-inch water main near 8632 Peters Rd.
01/9/2022	-Excavated and repaired a leak on the eight-inch water main near 611 Partridge Dr. along Northfield Dr. in the Fox Run plan of homes.
01/10/2022	-Personnel excavated and repaired a leak on the eight-inch water main at 1646 Haine School Rd. near the intersection with Freedom Rd.
01/10/2022	-Crew excavated and repaired a leak on the eight-inch water main near 1141 Freedom Rd. just west of Rolling Rd.
Curb Box Maintenance	-No operational issues.
Valve Maintenance	-Working with IT (Ed Z.) on Munis import issues, a ticket has been submitted to Munis tech support.

WATER DISTRIBUTION CONT...

Isolation Valve Operation Status - 1/13/2020 through 1/14/2023



Monthly Utility Counts:
December 2021

TAPS: 9

METER INSTALLS: 20

METER REPLACEMENTS: 10

INSPECTIONS (Water, Sewer & Development): 32

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

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

Ticket summary

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

Tickets by type



Tickets by assignee



Response codes



Service areas

