



# UTILITIES DEPARTMENT

## MONTHLY ACTIVITY REPORT

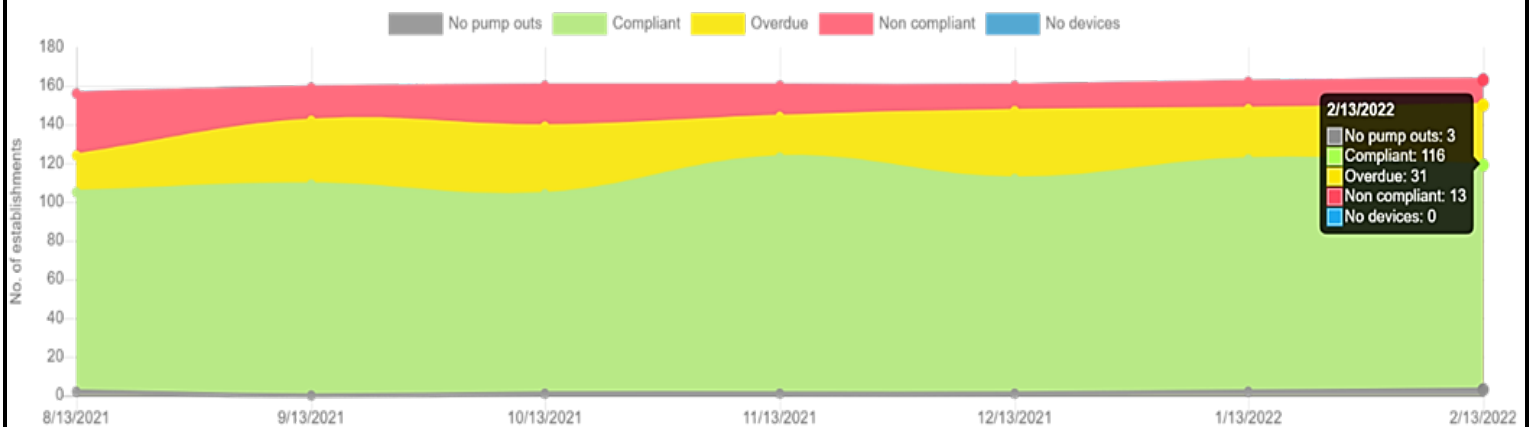
### FEBRUARY 2022

BCTP	
1/5/2022	-Plant staff backfilled <b>RAS</b> line bioreactor #3, paving will be completed in the spring.
1/11/2022	-Reinstalled old <b>IPS</b> pump #126 and returned it to normal duty.
1/12/2022	-Staff troubleshoot ferric feed pump issue.
1/14/2022	-Completed oil changes and annual PM on all 4 bioreactor process blowers.
1/18/2022	-Installed a new control keypad on process blower #4 and returned to normal duty.
1/26/2022	-Troubleshoot primary pump #3, both the suction and discharge lines packed full of sludge.
1/27/2022	-Plant staff assisted PW team by replacing a feed pump on the brine system.
1/31/2022	-Troubleshoot the post <b>ATAD</b> tank level probe and new probe, controller was also installed.
1/31/2022	-Staff disassembled and inspected primary sludge grinder pump #1.
2/1/2022	-Installed a new automatic sampler at the <b>IPS</b> and relocated existing unit to headworks, old headworks unit is in storage as spare parts.
2/3/2022	-Installed a new salinity probe for the brine system.
2/9/2022	-Reinstalled Reeves drive on belt filter press feed pump #2.
2/11/2022	-Repacked belt filter press pump #1.
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	-1/5 – Laurel Pointe – Installed space heater in pump enclosure. -1/7 – Laurel Pointe – Low battery alarm. -1/8 – Frozen volute on Laurel Pointe diesel pump. -1/11 – Frozen line at Laurel Pointe.
Water Supply	-No operational issues.
<b>**Commonly Used Acronyms</b>	<b>IPS:</b> Influent Pump Station, <b>EPS:</b> Effluent Pump Station, <b>RDT:</b> Rotating Drum Thickener, <b>ATAD:</b> Autothermal Thermophilic Aerobic Digestion, <b>FOG:</b> Fats, Oils and Grease, <b>OCV:</b> Automatic Control Valve, <b>NASSC:</b> National Association of Sewer Service Companies, <b>BOD:</b> Biochemical Oxygen Demand, <b>RAS:</b> Return Activated Sludge, <b>MBR:</b> Membrane Bioreactors, <b>UPS:</b> Uninterruptible Power Supply, <b>FAPS:</b> Franklin Acres Pump Station, <b>WRPS:</b> Wolfe Run Pump Station, <b>BCTP:</b> Brush Creek Treatment Plant <b>POTW:</b> Publicly owned treatment works.
PRETREATMENT	
IPP Program Submittal	-On January 27th, EPA posted public notice in The Butler Eagle detailing EPA's intention to approve the Township's request for a <b>POTW</b> Pretreatment Program.
Industrial Users	-2021 annual sampling of industrial users completed. Analytical results reviewed and there are no compliance issues.
Incoming FOG Users	-Crumble Cookies – 1691 Route 228. -Sunbelt Rentals. -Clean EatZ – Grease interceptor inspected on February 4th. Scheduled to open February 14th. -The Good Slice/Sim Clubz – formerly Quaker Steak & Lube. -Henry's Meat Market – Butcher shop in planning stage. -Sankalp Restaurant.

## PRETREATMENT CONT...

### Existing FOG Maintenance

- Performing **FOG** permit renewal inspections.
- Site visits for “Non-compliant” and “No Pump Outs” **FOG** users.
- 16 users are non-compliant with their pump out schedule.



## COLLECTION SYSTEM

### Flow Metering

- 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 installed on February 8th. 5 units will be installed for a 30-day period.

### Manhole Assessment Program

- Phase 2 (sub-basin manholes).
- Inspection of Interceptor 14 sub-basins completed.
- Inspection of Interceptor 13 sub-basins 62% complete.

### Sewer Flow Meters

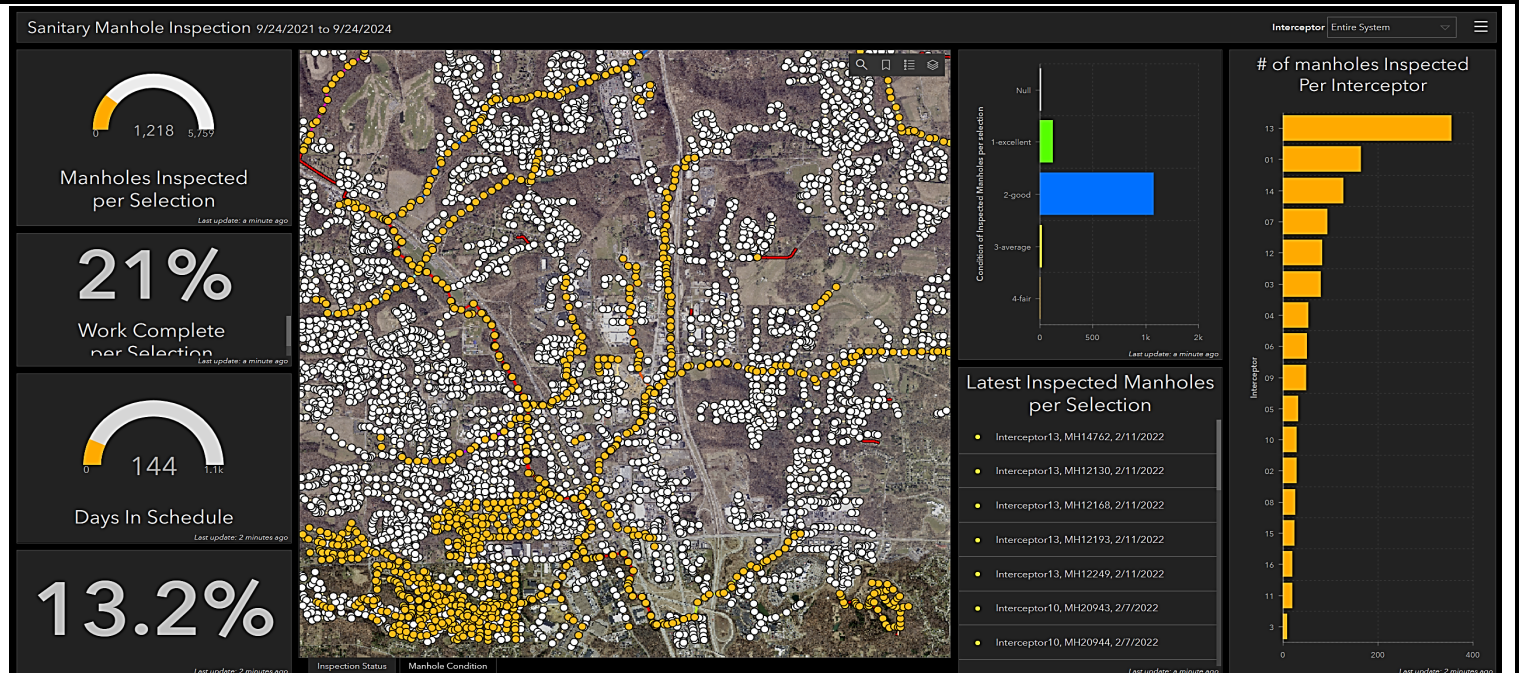
- State Pipe cleaned and CCTV 850 feet of sanitary sewer on Keystone Dr.
- State Pipe cleaned 169 feet of sanitary sewer on Laporte Dr.
- Sun Valley – State Pipe CCTV inspection of laterals and obtaining elevations on February 11th.
- 202 Kirkwood Dr. – Roots in lateral near tap removed.

### Force Main

- An emergency repair of a force main leak on Callery Rd. took place on Saturday, February 5th. There was a crack at the bell section of pipe.

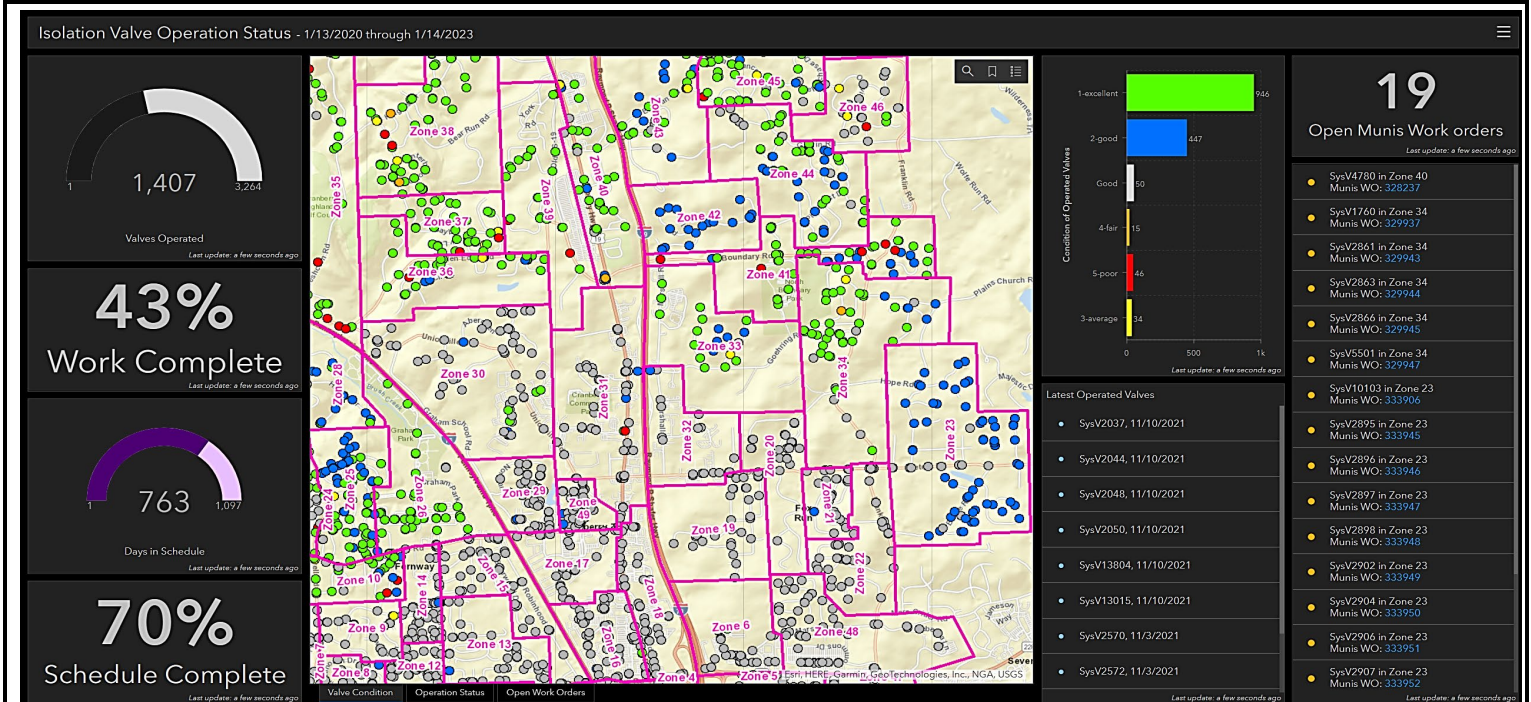
### Miscellaneous

- 3G upgrades installed at Mission meter sites Feb. 7th.



## WATER DISTRIBUTION

1/25/2022	-Excavated, straightened, and repaired the curb box at 420 Mary St. in the Woodland Estates plan of homes.
1/28/2022	-Personnel excavated and plugged a hydrant water valve that was leaking at the intersection of Freedom Rd. and Rolling Rd.
2/8/2022	-Crew excavated and replaced a broken water service termination valve (curb stop) at 101 Concord Way in the Old Towne complex.
2/11/2022	-Excavated, straightened, and repaired the curb box at 1235 Freedom Rd. (Cannon USA).
2/16/2022	-Personnel excavated, repaired, and straightened hydrant that was struck by a vehicle at 2012 Garden View Ln. near the Hampton Inn & Suites.
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.



Monthly Utility Counts: January 2022	TAPS: 5	METER INSTALLS: 14
	METER REPLACEMENTS: 4	INSPECTIONS (Water, Sewer & Development): 14

Ticket summary PA811- Water Sewer Storm, 01 Jan 2022 - 31 Jan 2022

Ticket summary

112 Number of Tickets	112 Assigned Tickets	0 Unassigned Tickets	112 Closed Tickets	0 Open Tickets
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Tickets by type



Response codes



Tickets by assignee



Service areas

