



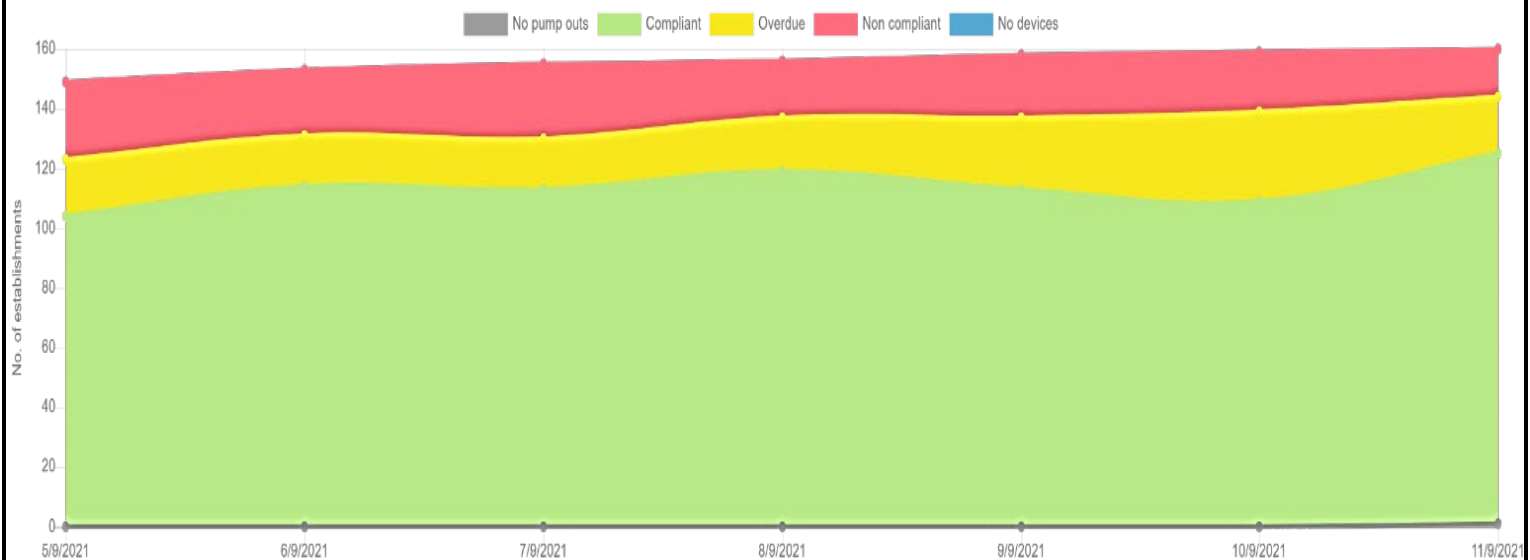
UTILITIES DEPARTMENT

MONTHLY ACTIVITY REPORT

NOVEMBER 2021

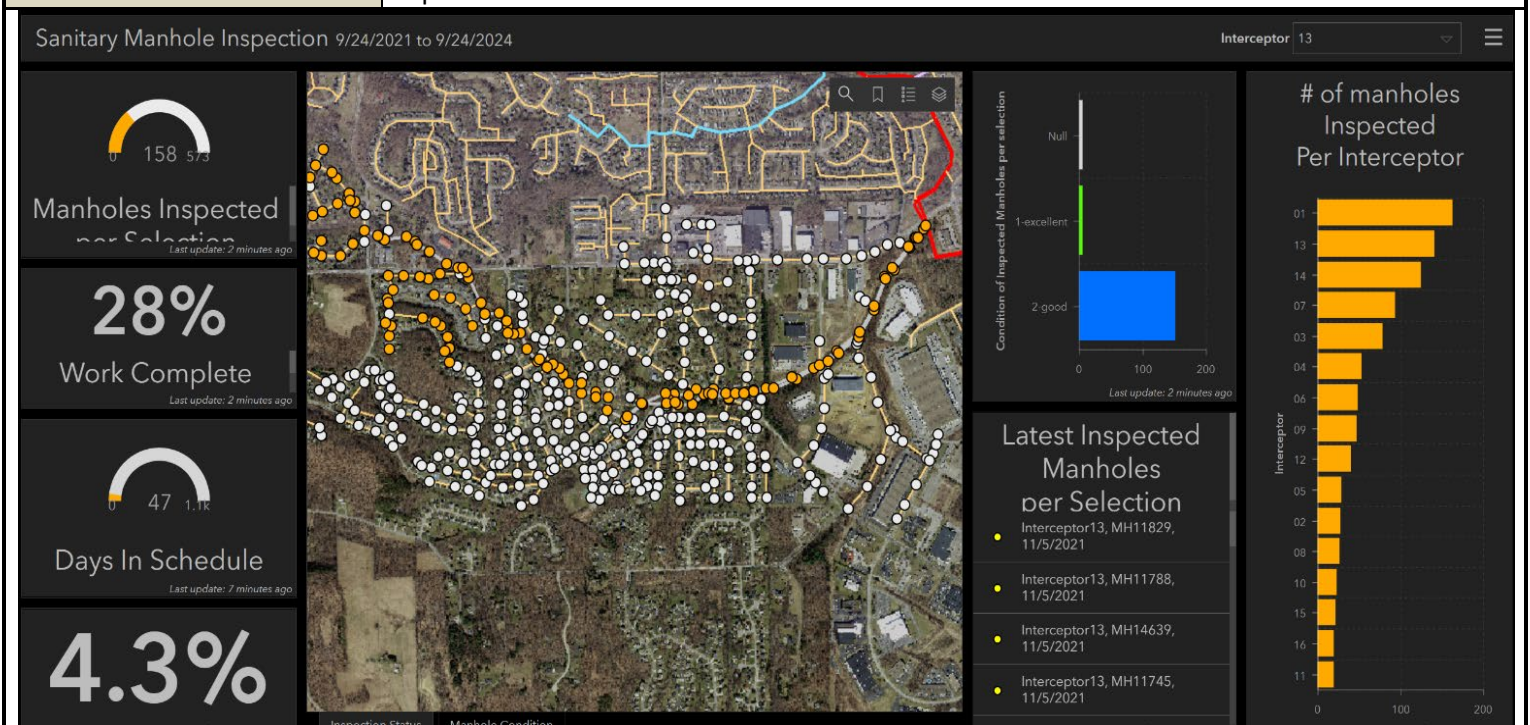
BCTP	
10/14/2021	-Plant staff performed PM checks and placed primary #2 into service.
10/15/2021	- IPS raw sewage pump #125 was reinstalled and returned to normal duty.
10/16/2021	-A storm system caused a brief power outage prompting staff to reset numerous pieces of equipment – communications at the North and West water storage tanks were also compromised during the storm. IT assisted in troubleshooting.
10/27/2021	-Operators repaired a leak in the IPS bar screen roof hatch.
10/27/2021	-Reno Brothers replaced broken link seal on 36-inch RAS line (bioreactor 3).
11/04/2021	-Plant staff repaired brine pump at PW.
11/08/2021	-Plant operators installed and calibrated a new influent channel pH probe.
Franklin Acres Pump Station	-10/13- The auto dialer alerted staff of both pump alarms at FAPS . Pump #2 was running and not pumping, a bad relay for the vacuum pump was the cause.
Briar Creek Pump Station	-No operational issues.
Wolfe Run Pump Station	-No operational issues.
Water Supply	-11/8 – West View switched disinfection agent back to Free Chlorine.
**Commonly Used Acronyms	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.
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.
Industrial Users	- Annual sampling of industrial users scheduled.
Incoming FOG Users	-Crumble Cookies – 1691 Rt 228. -Sunbelt Rentals. -Clean EatZ. -Sim Clubz – formerly Quaker Steak & Lube. -Millie's Homemade Ice Cream -TBD. -Henry's Meat Market – Butcher shop in planning stage.
Existing FOG Maintenance	-Performing FOG permit renewal inspections for November. -Site visits for "Non-compliant" and "No Pump Outs" FOG user. -Subway (Rt 228) – Fined \$500 by Magistrate. Appeal hearing scheduled for December 8th. -14 users are non-compliant with their pump out schedule.

PRETREATMENT CONT...



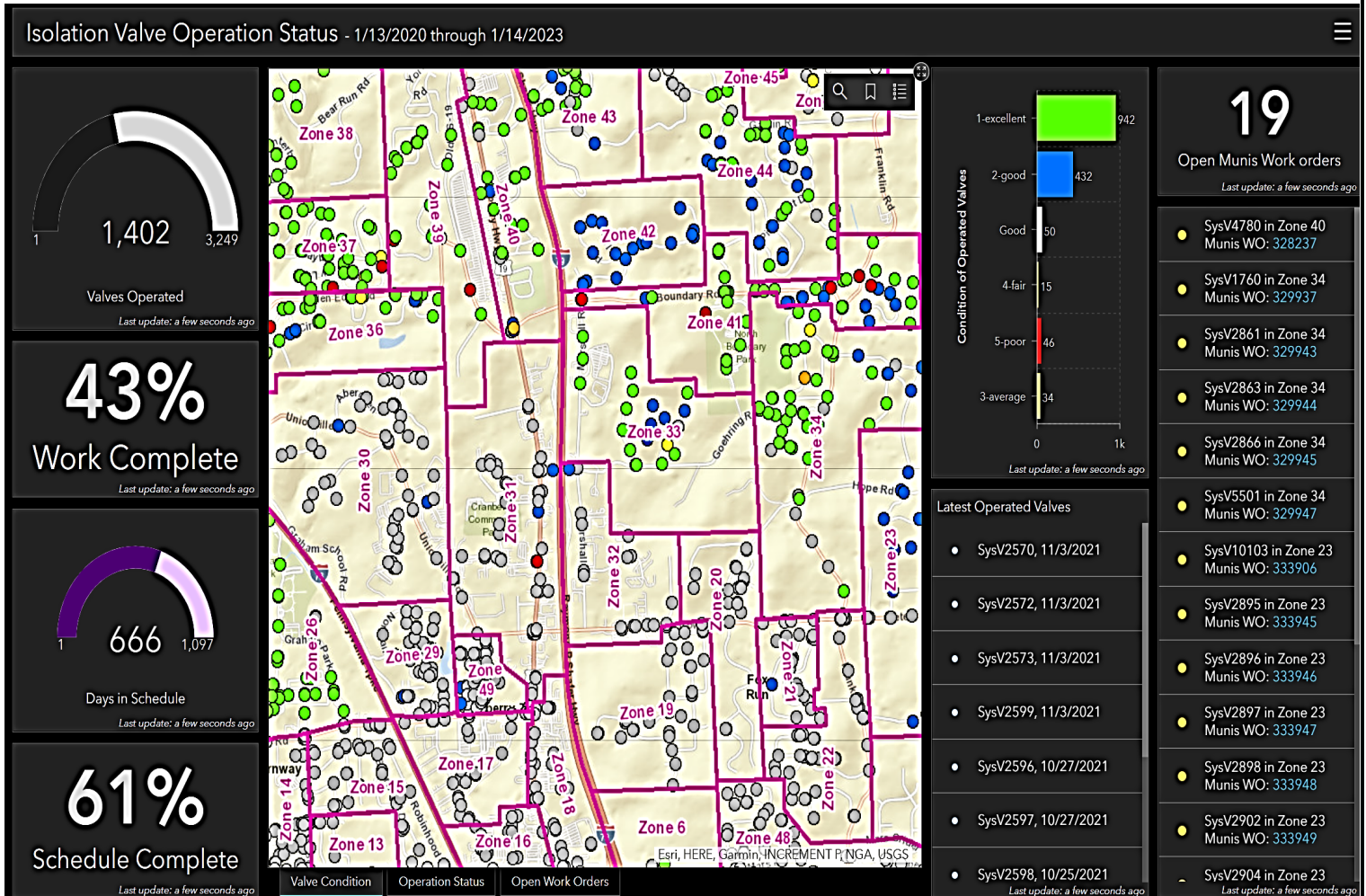
COLLECTION SYSTEM

Flow Metering	<ul style="list-style-type: none"> -October flow data for Interceptor 14 sub-basins to be received by the 3rd week in November. -Meters will collect data until November 30th on Interceptor 14 sub-basins.
Manhole Assessment Program	<ul style="list-style-type: none"> -Phase 2 (sub-basin manholes) schedule began on September 28th. -Inspection of Interceptor 14 sub-basins completed. -Inspection of Interceptor 13 sub-basins started. 28% complete.
Sewer Flow Meters	<ul style="list-style-type: none"> -Manhole Work Orders – 26 manholes on Interceptor 14 sub-basins need located and raised. -Sun Valley – CCTV sanitary sewer lines for condition assessment. -Manhole on Interceptor 5 off Coltsfoot Ln. to be raised this week.
Force Main	-No update.
Miscellaneous	-Interceptor 7 has an exposed sewer line along stream bank. Quotes are being obtained for repair work.



WATER DISTRIBUTION

10/25/2021	-Excavated and repaired a leak on a one-inch water service crossing at 154 Fox Run Rd. in the Fox Run plan of homes. This line was struck by a directional drilling company.
10/26/2021	-Personnel excavated and repaired a curb box at 211 Wyndmere Dr. in the Valleybrook plan of homes and two valve boxes near 164 Crossing Ridge Trl. in the Crossings plan of homes.
11/1/2021	-Excavated and repaired a broken six-inch main line valve near the Penn Power Pavilion at North Boundary Park.
11/2/2021	-Crew excavated and removed a leaking two-inch water blow-off assembly at 14 Harvest Dr. The blow-off assembly is no longer needed since the line is now looped through Holiday Dr.
11/3/2021	-Excavated and repaired a broken six-inch main line valve near 213 Dorsay Valley Dr. in the Preserve East plan of homes.
11/8/2021	-Personnel excavated and repaired a leak on a twelve-inch water main at 2000 Cool Springs Dr. near the UPMC/Lemieux Ice Arena complex.
Curb Box Maintenance	-No operational issues.
Valve Maintenance	-Continued valve operation program.



Monthly Utility Counts: October 2021	TAPS:	9
	METER INSTALLS:	12
	METER REPLACEMENTS:	9
	INSPECTIONS (Water, Sewer & Development):	20

WATER DISTRIBUTION CONT...

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

PA811- Water Sewer Storm

Last month

Go!

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

Ticket summary

211

Number of Tickets

211

Assigned Tickets

0

Unassigned Tickets

210

Closed Tickets

1

Open Tickets

Tickets by type



- ROUTINE (182)
- EMERGENCY (12)
- FINAL DESIGN (6)
- INSUFFICIENT (6)
- PRELIMINARY DESIGN (5)

Tickets by assignee



- Greg Gabrich (103)
- Curt Rape (45)
- Joseph Leavens (34)
- Rick Cook (18)
- Josh Andree (11)

Response codes



- 001 (114)
- 003 (89)
- 083 (10)
- 002 (3)

Service areas



- CA1 (211)

Tickets by team