



UTILITIES DEPARTMENT

MONTHLY ACTIVITY REPORT

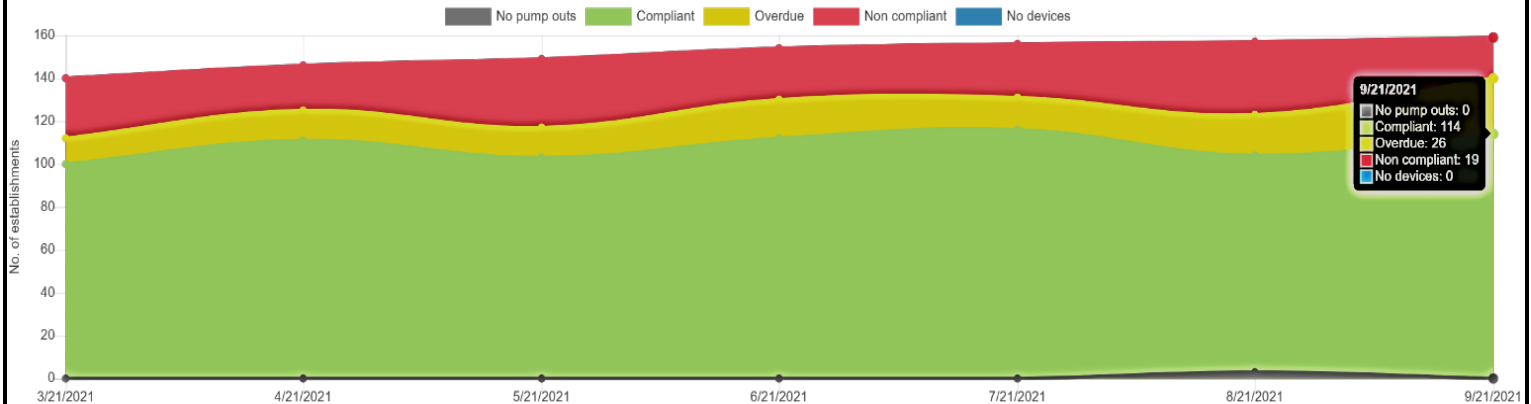
SEPTEMBER 2021

BCTP	
8/12/2021	-Installed inflow protectors in all new manholes; installed during the plant expansion project.
8/16/2021	-Allegheny Restoration on site to begin headworks decking repairs.
8/18/2021	-Plant staff repaired a broken RDT drum panel.
8/18/2021	-The remnants of hurricane Fred prompted plant operators to staff the plant from 7a.m. – 8p.m. (total rainfall 1.59 inches).
8/20/2021	-Operators replaced the headworks roof top HVAC unit electrical disconnect.
8/25/2021	-A rainfall event prompted operators to staff the plant from 6:30p.m.-1a.m. (total rainfall 0.74 inches was recorded at the brush creek plant, 2.39 inches recorded at the Pennwood booster station).
8/29/2021	-Staff responded to high flows at the treatment plant from 4:30p.m.- 9p.m. (total rainfall 0.7 inches).
8/30/2021	-Plant and field staff repaired a broken ATAD sludge discharge line.
8/31/2021	-A high flow event prompted staff to operate the plant from 4:30p.m. Tuesday through 7p.m. Wednesday (total rainfall 0.85 inches).
9/2/2021	-Staff worked with facilities team to troubleshoot front gate not operating properly.
Franklin Acres Pump Station	-8/13 the auto dialer alerted staff at 7p.m. of a power failure at the lift station. Staff responded to evaluate the situation. Power was restored by 9p.m. -9/2 Plant operators replaced a leaking mechanical seal on pump #1.
Briar Creek Pump Station	-No operational issues.
Wolfe Run Pump Station	-8/13 the auto dialer alerted staff at 7p.m. of a power failure at the lift station. Staff responded to assess the situation. Power was restored by 9p.m.
Water Supply	-8/12 – Operators installed concrete bollards to protect flushing hydrant from possible damage by a snowplow. -8/25 at 4:30p.m. the auto dialer alerted staff of a power outage at the Pennwood pump station. Staff responded to reset equipment. -8/29 at 4:30p.m. the auto dialer alerted staff of a power outage at the Pennwood booster station. The outage was due to a storm event. -8/30 – Plant and IT staff troubleshoot a loss of communications with the North and South tanks. The antenna at admin. was damaged by lightening.
**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
PRETREATMENT	
IPP Program Submittal	-EPA reviewed the Township's IPP submission and requested several required and recommended changes. Revisions are in process.
Industrial Users	-Annual sampling to begin on all industrial users.
Incoming FOG Users	-Coffee Brake – Grease trap inspection scheduled for Sept. 28th -Millie's Homemade Ice Cream -TBD

PRETREATMENT CONT...

Existing FOG Maintenance

- Performing **FOG** permit renewal inspections for September.
- Performing site visits for “Non-compliant” and “No Pump Outs” **FOG** users.
- Marty’s-Fined \$1,000 by the Magistrate. Appeal hearing on Sept. 8th reduced the fine to \$100.
- Boston Market – Fined \$500
- Subway (Rt. 228) – Notice of Violation and citation issued. Hearing scheduled for Sept. 29th.



COLLECTION SYSTEM

Flow Metering

- August flow data was received Sept. 20th.
- Collecting flow data for September.
- Meters to be moved to target sub-basins on Interceptor 14.

Manhole Assessment Program

- Phase 2 (sub-basin manholes) scheduled to begin September 28th
- Inspection to start on sub-basins of Interceptor 14.

Sewer Flow Meters

- Whitney Dr. – CCIP lining project started Sept 22nd.
- Haine School Rd. – Buried manhole raised 5ft.
- 1172 Freedom Rd. – Lateral line capped for home to be demolished.
- Manhole Work Orders – Interceptor manholes to be raised; completed. Working on manholes with I&I issues.

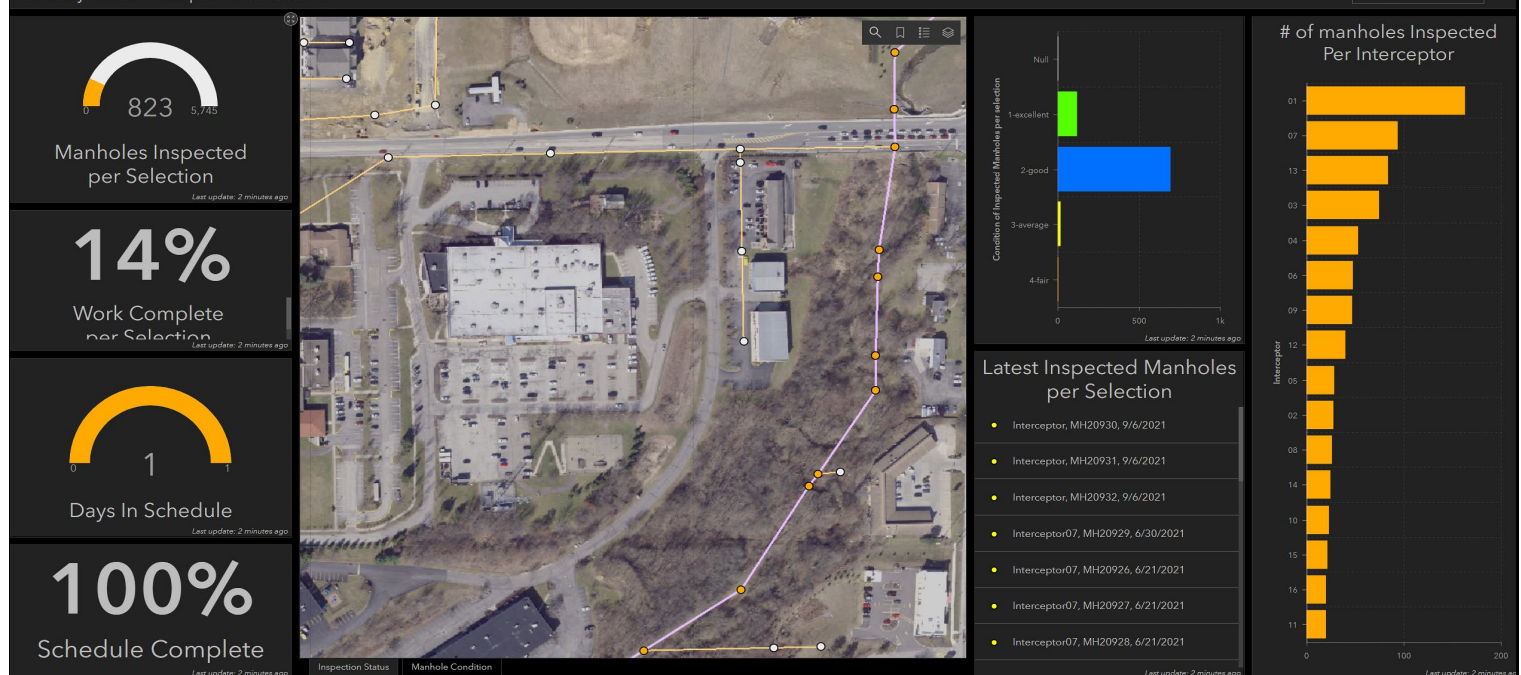
Force Main

- Calery Rd. – Force main air release maintenance scheduled for Sept. 27th.

Miscellaneous

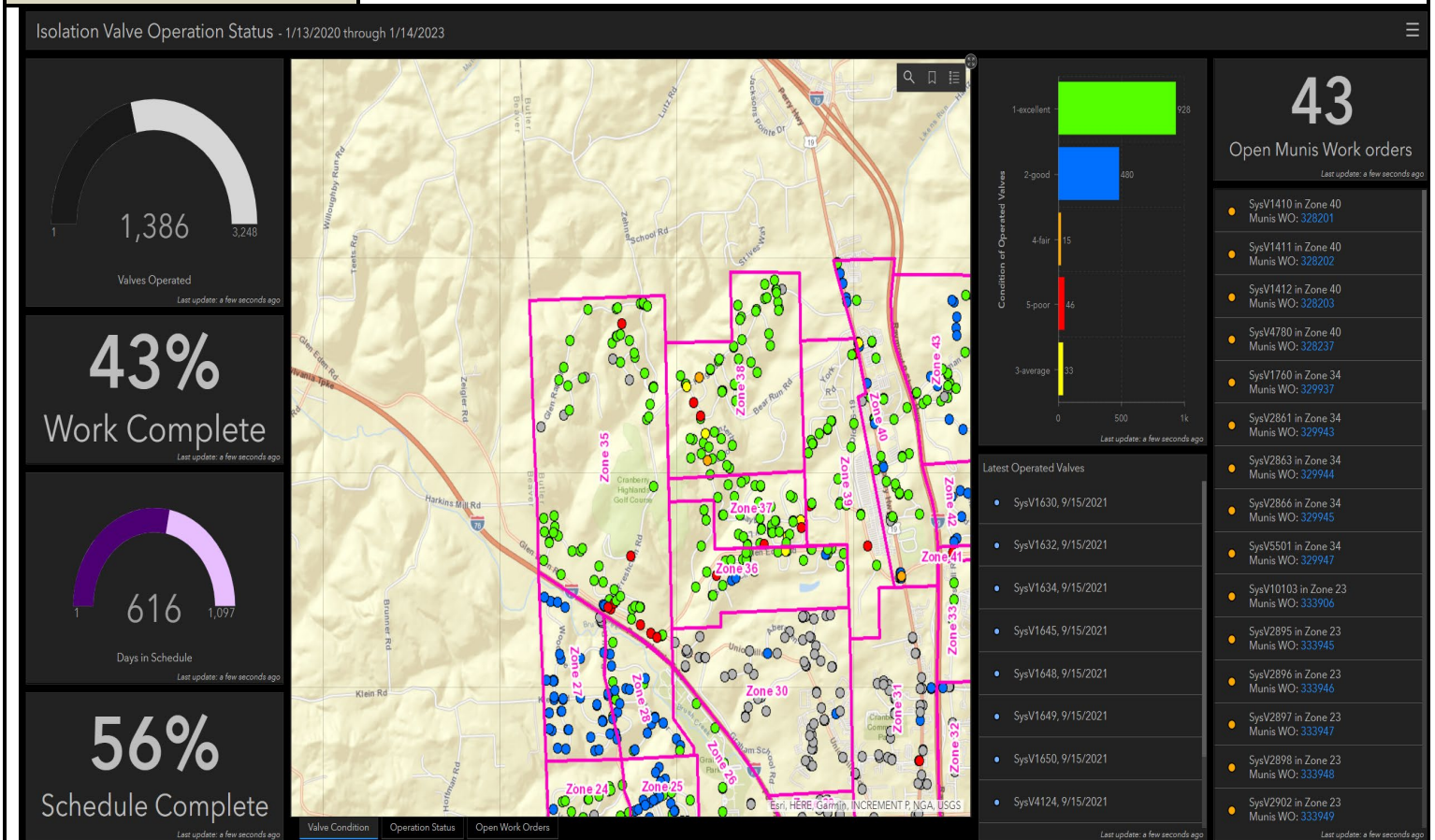
- Sewer & Water Laborer Position – First round interviews complete.

Sanitary Manhole Inspection all manholes



WATER DISTRIBUTION

8/18/2021	-Repaired a leak on a hydrant at 1717 Route 228 near the Kohl's Store. This leak was detected during the annual water distribution system leak detection survey.
8/23/2021	-Excavated and replaced a leaking 3/4" water service road crossing at 449 Monmouth Dr. in the Freedom Woods plan of homes. This leak was detected during the annual water distribution system leak detection survey.
8/24/2021	-Installed a one-inch water sample station along Pinehurst Dr. in the Pinehurst plan of homes.
8/26/2021	-Excavated and replaced a leaking one-inch water service road crossing at 8018 Maureen Dr. in the Marshall Heights plan of homes. This leak was detected during the annual water distribution system leak detection survey.
8/30/2021	-Personnel excavated and replaced a leaking 3/4" water service road crossing at 321 Wealdstone Rd. in the Bellevue park plan of homes. This leak was detected during the annual water distribution system leak detection survey.
9/1/2021	-Excavated and repaired a leak on the six-inch main near 136 Wiegand Dr.
9/8/2021	-Crew excavated and repaired a leak on the eight-inch main near 450 Monmouth Dr. in the Freedom Woods plan of homes.
9/15/2021	-Excavated and repaired a leak on the twelve-inch main along Route 19 southbound just north of the Route 19 and Ogleview Rd. intersection.
9/16/2021	-Personnel excavated and repaired a leak on the one-inch supply line to the water sample station located along Arrowood Dr. in the Woodlands plan of homes This leak was detected during the annual water distribution system leak detection survey.
9/17/2021	-Excavated and repaired a leak on the six-inch main along Ernie Mashuda Dr. near the Community Park parking lot.
Curb Box Maintenance	-No operational issues.
Valve Maintenance	-Continued valve operation program.



WATER DISTRIBUTION

Monthly Utility Counts: August 2021	TAPS:	4
	METER INSTALLS:	19
	METER REPLACEMENTS:	3
	INSPECTIONS (Water, Sewer & Development):	20

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

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

Ticket summary

242

Number of Tickets

242

Assigned Tickets

0

Unassigned Tickets

242

Closed Tickets

0

Open Tickets

Tickets by type



- ROUTINE (216)
- EMERGENCY (15)
- PRELIMINARY DESIGN (6)
- INSUFFICIENT (4)
- FINAL DESIGN (1)

Tickets by assignee



- Greg Gabrich (139)
- Joseph Leavens (52)
- Rob Caughey (14)
- Rick Cook (11)
- Curt Rape (10)
- William Enciso (9)
- Josh Andree (7)

Response codes



- 001 (158)
- 003 (79)
- 083 (7)

Service areas



- CA1 (242)