



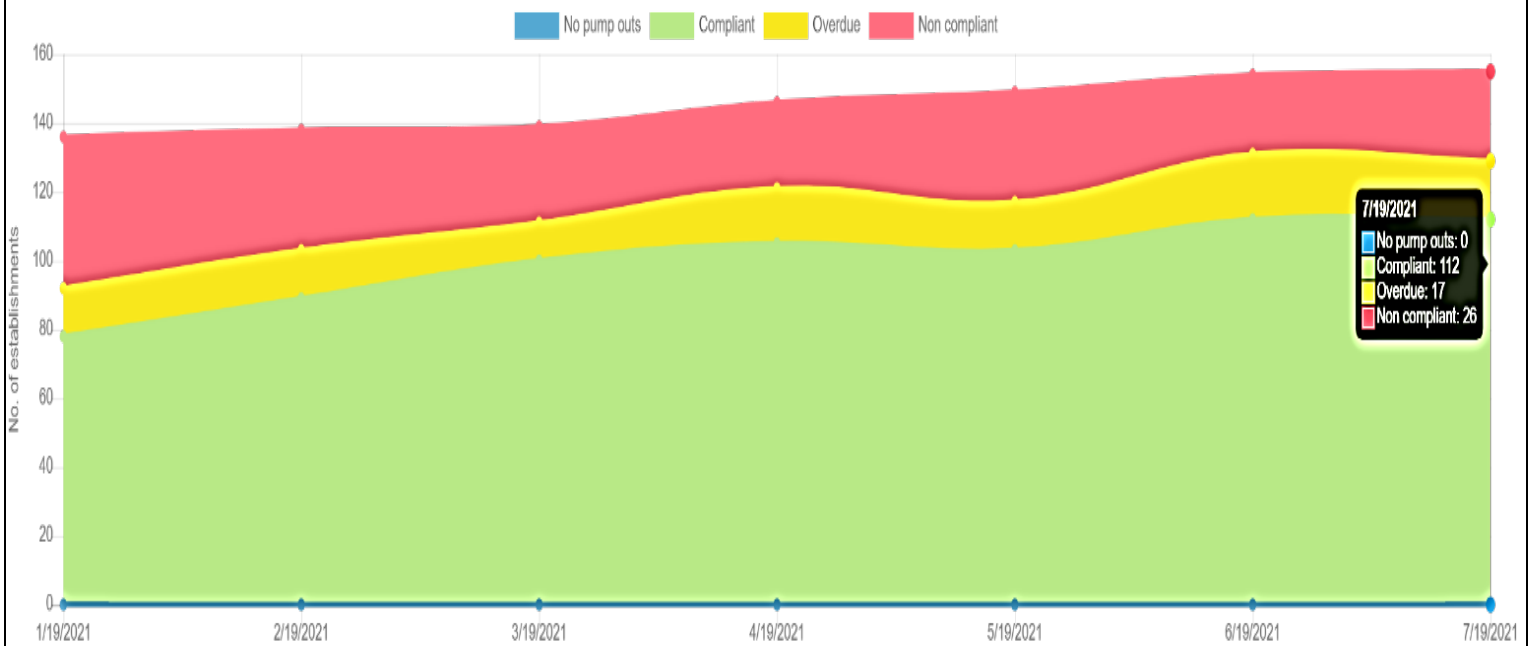
UTILITIES DEPARTMENT

MONTHLY ACTIVITY REPORT

JULY 2021

BCTP	
6/14/2021	-Investigated inoperable valves for primary #1 and inspected pump #1.
6/15/2021	-Exercised all ATAD valves. Valve 2B needed to be removed and examined.
6/16/2021	-Troubleshoot and attempted to repair leaking scum trough in primary #2. New seals are required and ordered 6/15/2021.
6/17/2021	-Installed new grating at west end of primary clarifiers. Existing isolation gates were removed during the plant upgrade and blueprints did not call for new grating. The area was covered with plywood that was unsafe.
6/22/2021	-Completed wiring of two new flow meters for the belt filter presses.
6/22/2021	-Plant staff replaced a leaking water line in the headwork grit room.
6/24/2021	-Plant operators removed and repaired ATAD feed valve 2B.
6/24/2021	-Completed MBR seasonal cassette inspections and replaced a bad straub coupling on MBR train six, car four.
6/28/2021	-Reinstalled belt filter press feed pump #2 and returned it to normal duty.
6/30/2021	-PADEP performed a detailed audit of Townships potable water system infrastructure and required sampling programs.
7/1/2021	-A high flow event prompted operators to staff the plant from 7:00 a.m. through 6:00 p.m. (total rainfall 1.99 inches).
7/2/2021	-Operators completed plumbing in a repurposed air compressor at the MBR building that can be utilized as an emergency air source to operate valves.
7/6/2021	-Plant staff repaired four odor unit hypo feed pumps.
Franklin Acres Pump Station	-No operational issues.
Briar Creek Pump Station	-No operational issues.
Wolfe Run Pump Station	-No operational issues.
Water Supply	-6/15 –Collected chloramine samples throughout the distribution system to determine how well the system has turned over from a free chorine disinfection to chloramines.
**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	-Pending EPA approval.
Industrial Users	-No Report.
Incoming FOG Users	-The Smiling Moose (formerly Mission Mahi), opening soon. -Millie's Homemade Ice Cream
Existing FOG Maintenance	-Performing FOG permit renewal inspections for July. -Performing site visits for "Non-compliant" and "No Pump Outs" FOG user. -Marty's – Non-compliant and citation issued, Fined \$1,000 by the Magistrate. -Boston Market – Non-compliant. Notice of Violation and citation issued.

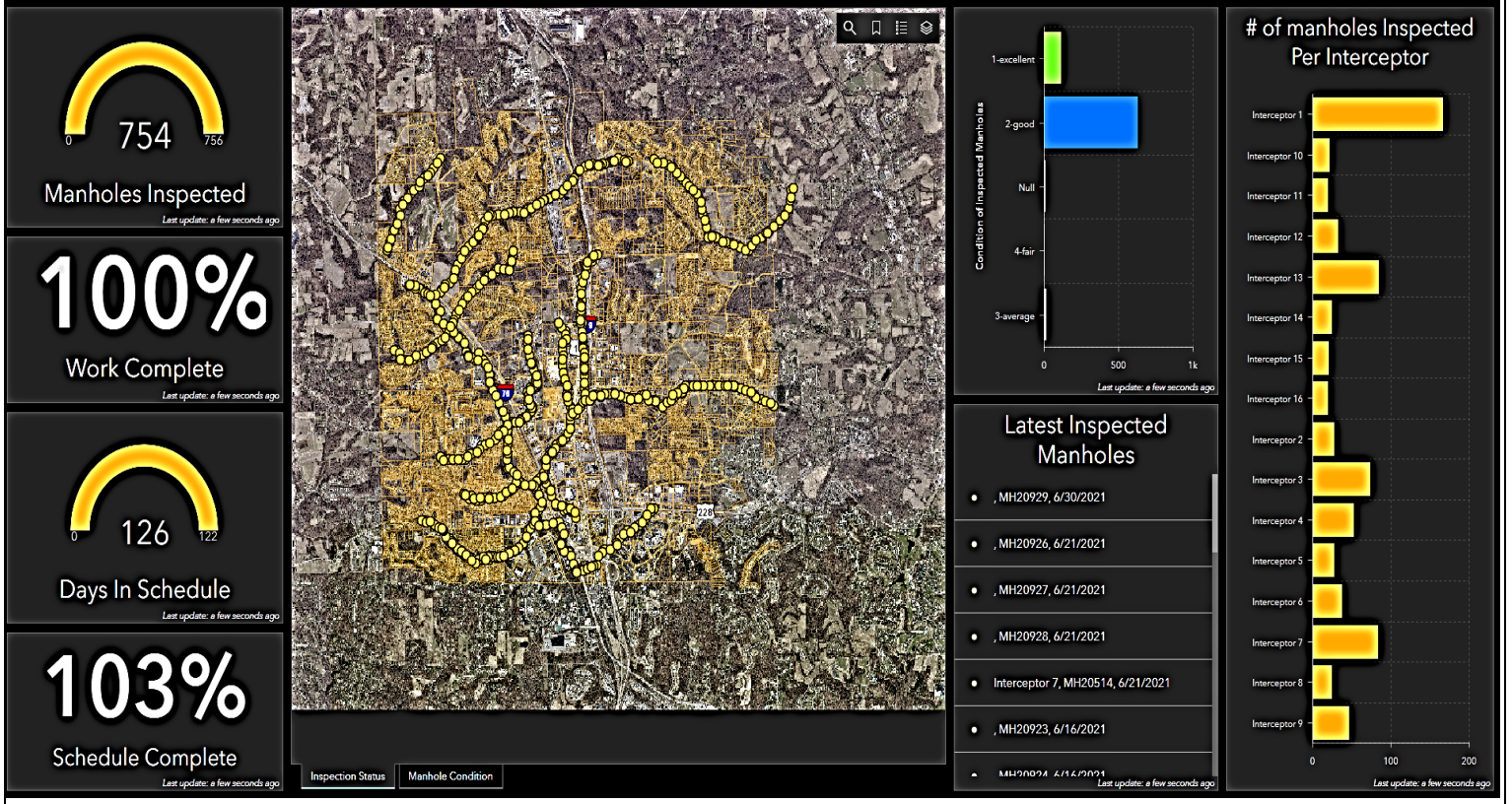
PRETREATMENT CONT...



COLLECTION SYSTEM

Flow Metering	<p>-June's data is being reviewed by Drnach Environmental and will be submitted to Cranberry Township by the 3rd week of July.</p> <p>-Collecting flow data for July.</p>
Manhole Assessment Program	<p>-All but one interceptor manhole was inspected. Manhole is buried and needs raised several feet. Scheduled for August.</p> <p>-Phase 2 (sub-basin manholes) tentatively scheduled to begin late August.</p>

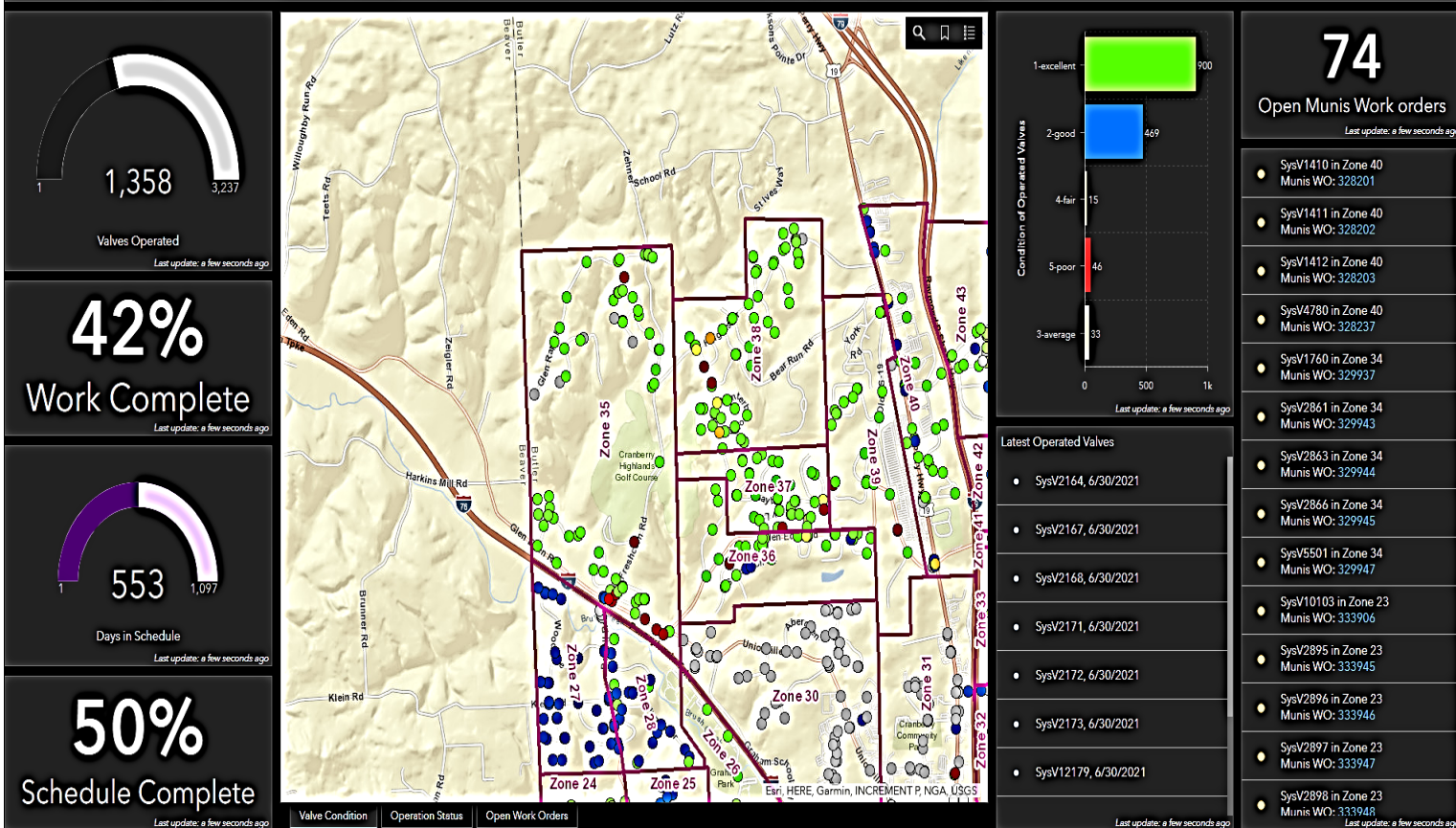
Sanitary Manhole Inspection Interceptors Only - March 16th 2021 through July 16th 2021



WATER DISTRIBUTION

6/17/2021	-Crew excavated and repaired a leak on the eight-inch line in front of 8676 Peters Rd.
6/22/2021	-Excavated and replaced a leaking four-inch valve along Wood Hollow Dr. at the intersection with Lynwood Ct. in the Creekwood Commons plan.
6/24/2021	-Excavated and replaced a leaking 3/4" water service road crossing at 106 Saige Ct. in the Washington Farms plan of homes.
7/6/2021	-Excavated and repaired a leak on a six-inch valve near 7365 Franklin Rd.
7/6/2021	-Excavated and repaired a leak on the eight-inch main near 500 Thomson Park Dr.
7/6/2021	-Excavated and repaired a leak on the eight-inch main near 800 Thomson Park Dr.
7/8/2021	-Calibrated the three Marshall Township sewer flow meters and the New Sewickley Township sewer flow meter.
7/9/2021	-Excavated and replaced a leaking 3/4" water service line at 210 Cameron Dr. in the Manor Line plan of homes.
7/10/2021	-Excavated and repaired a leak on a four-inch fire line valve at 22010 Route 19 (Cochran Chevrolet).
7/12/2021	-Excavated and replaced a leaking 3/4" water service road crossing at 156 Autumn Hill Dr. in the Autumn Hill plan of homes.
7/12/2021	-Began the Annual Water Distribution System Leak Detection Survey.
7/13/2021	-Crew excavated and repaired a leak on a six-inch valve near 510 Lois Ln. in the Cranberry Estates plan of homes.
7/14/2021	-Personnel excavated and repaired a leak on the six-inch main in front of 318 Brookston Dr. The leak was at the service tap.
7/15/2021	-Excavated and raised to finished grade the hydrant in front of building 2 in the Water Mark section of the Meeder Development.
Curb Box Maintenance	-No operational issues.
Valve Maintenance	-Continued valve operation program.

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



WATER DISTRIBUTION Cont...

Monthly Utility Counts: June 2021	TAPS:	3
	METER INSTALLS:	20
	METER REPLACEMENTS:	1
	INSPECTIONS (Water, Sewer & Development):	28

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

Ticket summary PA811- Water Sewer Storm, 01 Jun 2021 - 30 Jun 2021

Ticket summary

233

Number of Tickets

233

Assigned Tickets

0

Unassigned Tickets

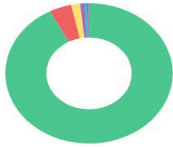
233

Closed Tickets

0

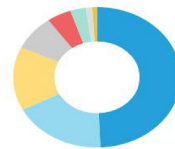
Open Tickets

Tickets by type



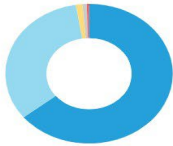
- ROUTINE (215)
- EMERGENCY (10)
- INSUFFICIENT (4)
- FINAL DESIGN (2)
- COMPLEX PROJECT (1)
- PRELIMINARY DESIGN (1)

Tickets by assignee



- Greg Gabrich (115)
- Curt Rape (42)
- Joseph Leavens (34)
- Rob Caughey (19)
- Rick Cook (11)
- Mike Karner (7)
- Josh Andree (3)
- Joe Reich (2)

Response codes



- 001 (153)
- 003 (79)
- 083 (3)
- 002 (2)
- 090 (1)

Service areas



- CA1 (233)