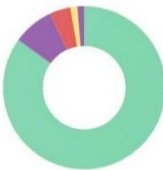





PUBLIC WORKS OPERATIONS

MONTHLY ACTIVITY REPORT

October 2020

STREETS & FLEET			
Road Construction Crew			
Temporary Traffic Signals	Successfully dispatched the temporary traffic signals to manage traffic flow on Powell Rd.		
Admin Office Renovations	Assisted Facilities with admin office renovations.		
Paving – Graham Park	Paved bleacher pads to reduce park maintenance, paved trail repairs.		
Water Division road repairs	Paved several areas (roads and driveways) that were affected by water leaks.		
Basin Repairs	Multiple basin repairs have been completed – Pinehurst Plan and a few other locations.		
Street Sweeping	Swept Rt 19, Rt 228, sections of Freedom Rd and Haine School Rd.		
Right of Way – Mowing	Completed the last round of right-of-way mowing then prepped the mower for winter storage.		
Fleet Maintenance (Scheduled)			
Vehicle or Equipment		Description of Work/Repairs	
Ventrac 3 mower		Changed hydraulic fluid and filter	
Brushcat brushhog		Installed new hydraulic drive motor	
Bobcat T870 skidsteer		Replaced AC dryer and charged the system	
JD 1445 mower		Replaced leaking power steering line, filter and fluid	
Turfvac leaf 5000		Installed new drive belts	
1716 Ford SW		Installed power inverter and battery	
1723 Ford SW		Installed power inverter and battery	
1709 Ford SW		Installed new tires	
1605 Ford Traffic		Installed power inverter and battery	
1632 Ford Parks		Installed new tires	
1606 Chevy Streets		Installed new tires	
IC-21-2 Fire Dept		Replaced brakes and calipers	
Haulmark Fire Training Trailer		Installed new tires, lights and RV battery	
Preventive Maintenance Program		State Inspections	
Cars	22	Cars & Trucks	3
Trucks			
Equipment	14	Trailers	5
TRAFFIC, COMMUNICATION & SIGNS			
Signal Operations			
MSA Thruway/Fly-under	Staff have been coordinating the traffic swap from the north side to the south side. Traffic was switched over on 10-21 with the completion of lighting, guide rail, pavement and line painting.		
Rochester Rd/Meeder Farms Traffic Signal	Staff have been assisting the developer with design of a temporary signal installation to be installed in early November for both the Municipal driveway and Main St.		

Traffic continued				
Freedom Rd Bridge Project	Major improvements to the corridor include an updated signal turn on at Freedom/Commonwealth on Tuesday Oct 27 th .			
Electrical				
Street Light Repairs	Checking and servicing lot lights, building lights and streetlights Township wide.			
Amphitheater	Installed conduit for amphitheater project.			
COVID	COVID scanner wiring continues with the PW Facility, Ambulance Bldg. and the Fire Stations complete.			
Communications				
Fiber Upgrade	Staff are assisting Bronder Tech with a fiber optic upgrade as part of the Freedom Rd Bridge Project. The aerial fiber over the turnpike is being replaced by a cable installed within the bridge. It will be completed on Monday Oct 26 th .			
One Call	Staff continue to locate the traffic signal, electrical and communications wiring as per the Pa One Call regulations.			
Last 30 Days	Design: 18	Emergency: 9	Locate CA1: 71	Locate CAB: 3
Fiber/Signal (CAB) One Call Utility Locates				
Ticket summary				
73	71	2	70	3
Number of Tickets	Assigned Tickets	Unassigned Tickets	Closed Tickets	Open Tickets
Tickets by type				
<div><div></div><div><ul style="list-style-type: none">ROUTINE (62)FINAL DESIGN (6)EMERGENCY (3)INSUFFICIENT (1)PRELIMINARY DESIGN (1)</div></div>				
Tickets by assignee				
<div><div></div><div><ul style="list-style-type: none">Marty McKinney (40)Richard Toth (15)Shane Wokutch (9)Josh Andree (7)-Unassigned- (2)</div></div>				
Response codes				
<div><div></div><div><ul style="list-style-type: none">001 (51)003 (15)083 (4)</div></div>				
Service areas				
<div><div></div><div><ul style="list-style-type: none">CAB (73)</div></div>				

FACILITIES	
Park Fire Station	Working with engineering to correct air flow issues with the HVAC. Looking into adding supplemental units into the bunk rooms to free the air for the rest of the facility.
Waterpark	Requested quotes to remove, inspect and rebuild recirculating filter pumps for the main and zero depth first. Dave Hutner is working with the pool plaster contractor for repairs on the loose and failing marcite. Contractor is recommending we do not attempt to drain the entire pool to inspect for loose and cracked marcite but suggests we repair as needed.

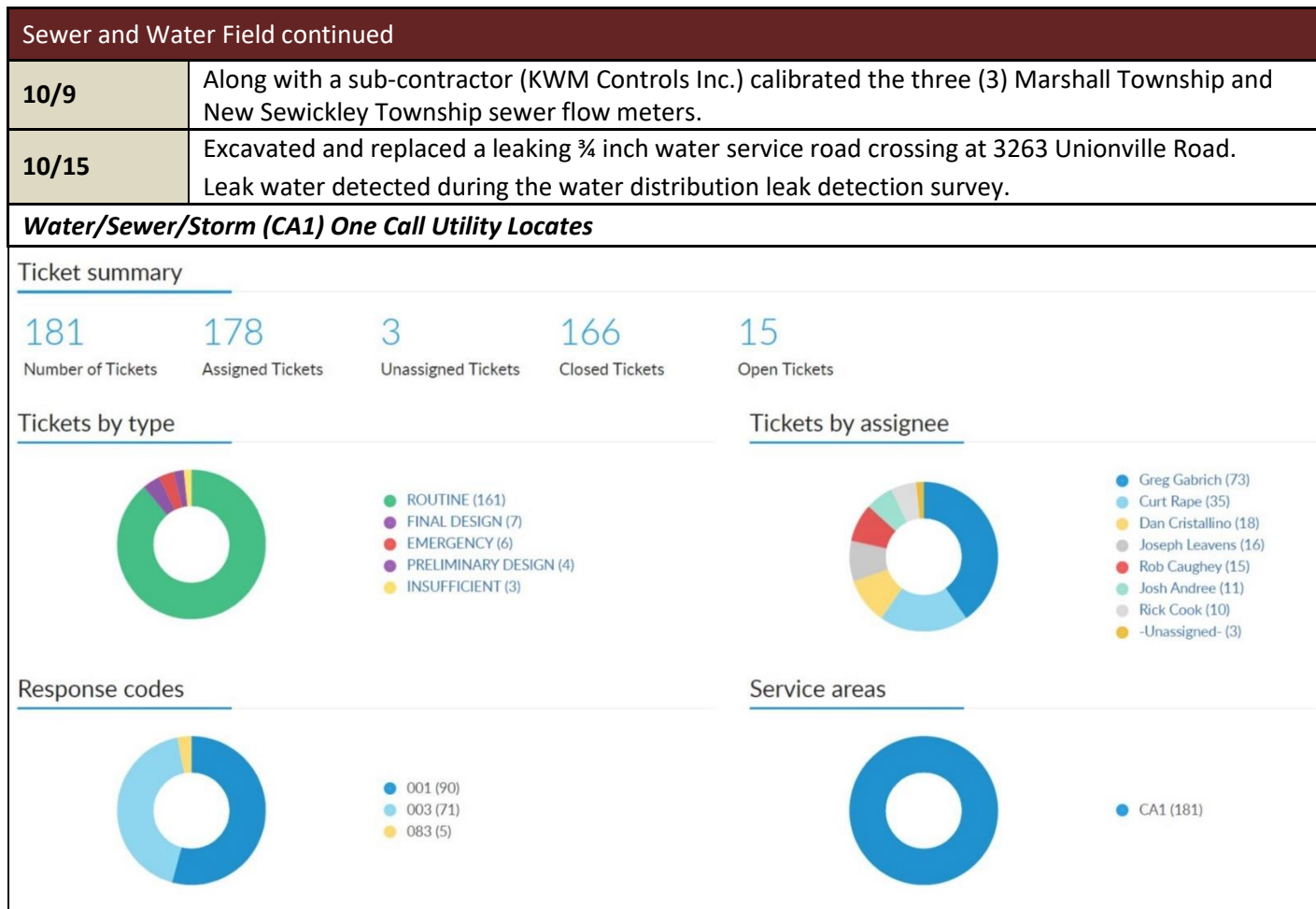
Facilities continued	
Graham Park	Made repairs on the missing and falling stone around the wall on the Miracle Field playground. Used a superbond mortar to replace new stone and sealed top cap for moisture intrusion which is suspected to be the cause of the stone failure.
Ambulance Bldg	Fall PM has been completed
COVID 19	Purchased steel plate and tubing to fabricate adjustable stands for the temperature scanners placed at all facilities. Gator style masks with the township logo have been ordered for the colder weather. UV lights have been installed into the preschool classrooms and two conference rooms used for kid's camp and afterschool programs.
Municipal Bldg.	Completed the demolition and re-construction on the walls on the file room. VCT floor tile has been removed and carpet is scheduled for 10/26 install. A moisture test has confirmed moisture is infiltrating the concrete slab. Requested a quote to apply a roll-on moisture barrier that will prevent any future problems. Counters and furniture have been removed from the communications media office. Wall repair is under way and painting will be done 10/23. Patched and paint done in several offices to prepare for new Assistant Twp. Manager, Dir of Engineering. Carpeting and ceiling tile were also replaced where needed.
Treatment Plant	Penn Fence performed inspection and PM service on the entrance gate at the plant.

GROUNDS	
Parks Inclusive	Completed waterpark closing tasks including removal of sunbrellas, deck awnings, and winterizing restrooms. Community Park staff has begun the large daily task of leaf removal in the park. Grounds staff is winterizing irrigation systems in the parks. Park restrooms and concessions will be completed at the conclusion of the sports seasons. Annual mowing of naturalized areas is taking place in all parks and will continue over the next few weeks. Fall maintenance projects on sports fields will be continuing with aeration and overseeding in all parks. Seasonal grounds staff will be working up until November 20 th if the weather permits.
Reynolds Project	Restoration and landscaping to complete grant project.
Community Apiary	Hive winter preparation is underway.

BCTP	
9/8	Plant staff continued to rebuild influent pump station odor scrubber, new fiberglass pump ports were installed, the unit was painted, and plumbing/wiring is progressing nicely.
9/11	Hydroseeding completed reseeding of plant grounds
9/14	Plant staff troubleshoot a moisture sensor alarm for north wet well mixer#2. When the unit was removed, it was discovered that the support cable had somehow wrapped around the propeller. There was evidence that water had leaked past the mechanical seal. It is being repaired.
9/15	Operators installed a drain line for membrane bioreactor air dryer #2.
9/16	Operators reinstalled residence time distributions feed pump #1 and returned it to service. Note: all five pumps were rebuilt this year.

BCTP continued	
9/17	Plant staff installed safety toe rails along the bioreactors where the nitrate pumps are lowered into the tanks. This railing was not covered by the plant upgrade.
9/23	Plant staff acid flushed the primary clarifier caustic feed line to remove scale build up.
9/28-30	Eaton electrical was on site to perform testing of the blower and headworks motor control center main tie and feeder breakers.
10/6	Formed Fiberglass completed odor control duct work repairs.
Franklin Acres Pump Station	No operational issues.
Briar Creek Pump Station	No operational issues.
Wolfe Run Pump Station	9/21 – plant staff troubleshoot a noisy pressure relief valve that is on the discharge header. 9/22 – Operators troubleshoot a noisy pump #2. The slinger appeared to have slipped and became dry, it was lubricated, and the issue was resolved. 9/25 – wet mixer #1 was removed due to a dead short in the motor. It is being repaired.
Water Supply	9/10- operators completed calibrating directional flow sensors at the South and West water storage tanks. 10-2 – West View installed new screens in both master meters. 10-7 – Graffiti was discovered at the south tank.

SEWER & WATER FIELD	
Date	Job/Project Description
9/23	Excavated and repaired a leaking ¾ inch water service road crossing at 820 Middleground Place in the Ehrman Farms plan of homes. Leak was detected during the annual water distribution system leak detection survey.
9/24	Excavated and repaired a leaking one-inch water service road crossing at 8036 Maureen Drive in the Marshall Heights Farms plan of homes. Leak was detected during the annual water distribution system leak detection survey
9/29	Excavated and repaired a malfunctioning eighteen (18) inch valve just outside of the Pennwood Pump Station.
10/1	Excavated and repaired a leak on the eight (8) inch water main in front of 20421 Route 19 (Butler Center).
10/5	Excavated and repaired a leaking ¾ inch water service road crossing at 836 Sunset Circle in the Glen Eden Townhouse complex. Leak was detected during the annual water distribution system leak detection survey.
10/6	On October 5 th and 15 th S&W field operations personnel along with a sub-contractor (State Pipe Services) conducted internal (CCTV) inspection and cleaning of approximately 2,150 lineal feet of sanitary sewer main along Interceptor Six (from Sherwood Oaks, through Laurelwood, cross Graham School Road and along Rochester Road) to the connection point with Interceptor One at the Rochester Road Bridge.
10/7	Excavated and replaced a leaking ¾ inch water service road crossing at 8022 Maureen Drive in the Marshall Heights plan of homes. Leak water detected during the water distribution leak detection survey.
10/8	Excavated and replaced a leaking ¾ inch water service road crossing at 8062 Maureen Drive in the Marshall Heights plan of homes. Leak water detected during the water distribution leak detection survey.



PRETREATMENT	
IPP Program Submittal	Wastewater Pretreatment Chapter 19 repeal and replace on September 24 th . EPA approved the revisions of the new local limit values. Prior to formal approval by EPA, the proposed loadings will need to be adopted by the Township and any contributing municipalities. Anticipated program submission to the EPA is November 2020.
Industrial Users	All industrial users requiring permits will be permitted Nov 1 st of this year. Finalized C.U.E. wastewater permit. Kawneer wastewater limits prepared for 2020-2021 permit. Paragon foods installed flow monitor in anticipation of flow permit.

Pretreatment continued	
Incoming FOG Users	<p>Recon Brewing- 301 Tillary Ln. at Meeder Farm. Initial visual grease interceptor inspection took place on October 16th. Vacuum testing is scheduled for the week of October 19th.</p> <p>Meeder Family, LP- 305 Tillary Lane Suite A. Visual inspection of the grease trap took place on October 14th.</p> <p>Seneca Valley School- 2070 Ehrman Rd. Grease interceptor cut sheets were received on October 16th and were reviewed.</p> <p>Pizza Palermo- Franklin Square, Mars-Criders Road.</p> <p>Coffee Brake- Main street at Meeder Farm</p> <p>Bartram House Cranberry- 2075 McKenzie Way</p> <p>Atria Continuing Care- Fairport Ln</p> <p>Holiday Inn Express- 1744 Rt. 228</p> <p>Sheetz- 1664 Rt. 228</p> <p>Three Rivers Cakes- 20215 Rt. 19 Unit 106</p> <p>Clean Juice- 2080 Mackenzie Way Ste 200</p> <p>Dock to Table- 20012 Rt. 19 Ste 500</p>
Existing FOG Maintenance	<p>Marty's Suburban Bar- require installation of grease trap. Magistrate hearing scheduled for October 27th at 9:00 am.</p> <p>Hyatt Place- Pittsburgh Cranberry – requires new grease trap</p> <p>Kawneer- removal of grease trap</p> <p>Sherwood Oaks- grease corrective action plan</p> <p>Cranberry Sports Grille- interceptor maintenance to meet specs</p> <p>Emiliano's Cranberry LLC- requires additional grease trap</p> <p>Haine School- interceptor maintenance to meet specs</p>