

PUBLIC WORKS OPERATIONS

MONTHLY ACTIVITY REPORT

September 2020

STREETS & FLEET			
Road Construction Crew			
Roadway Repairs	Multiple asphalt repairs paved including a large section of Mystic Pine Trail in the cul-de-sac.		
Freshcorn Rd	Embankment stabilization and widening. Completed project started in 2019 to widen east side of Freshcorn Rd including embankment stabilization.		
Graham Park Bleacher Locations	Paved over a dozen bleacher locations and trail connections at Graham Park.		
Water Division Road Repairs	Paved several areas (roads and driveways) that were affected by water leaks. Several water leak locations remain on the repair list to be completed.		
Basin Repairs	Completed basin repairs– including a rebuild at Thorn Hill at Rolling Rd requiring approximately 15 feet of concrete gutter line and curbing re-poured.		
Street Sweeping	All collector roads have been swept at least twice and most other roads with debris collected in the gutter line have been swept.		
Right of Way – Mowing	Both sides of the township have been mowed multiple times.		
Fleet Maintenance (Scheduled)			
Vehicle or Equipment		Description of Work/Repairs	
Bobcat T870 Skidsteer		Removed tracks to replace drive gears and rollers	
Impala #3		Replaced wheel bearing and new battery	
1716 Ford F250		Installing new inverter	
FD 21-2 Engine		Repairing Knox box	
JD Boom Mower		Replaced flail head belts	
PD 809 Charger		Replaced A/C compressor	
PD 807 Charger		Installed new brakes and tires	
Monthly PM's		All Police fleet	
Preventive Maintenance Program		State Inspections	
Cars	24	Cars & Trucks	9
Trucks			
Equipment	12	Trailers	
TRAFFIC, COMMUNICATION & SIGNS			
Signal Operations			
MSA Thruway/Fly-under	Staff involved in electrical and lighting schedules and submittals as the project covers up the southern half of the tunnel. Preparations are starting to switch the traffic pattern when appropriate.		
Preventative Maintenance	Annual PMS are complete. Currently testing the cabinet MMU equipment. (Malfunction Management Unit)		
Edaptive Programming	New edaptive programming continues with data collection on an intersection by intersection basis.		
Freedom Rd Bridge Project	Monitoring progress on the traffic signal and fiber optic upgrades. New signal equipment is being readied at Commonwealth and Sheetz.		
School Zones	We have been monitoring the school district schedule adjustments as classes started on Tuesday Sept 8 th . The new web-based program provides a real time link to monitor the field operations.		

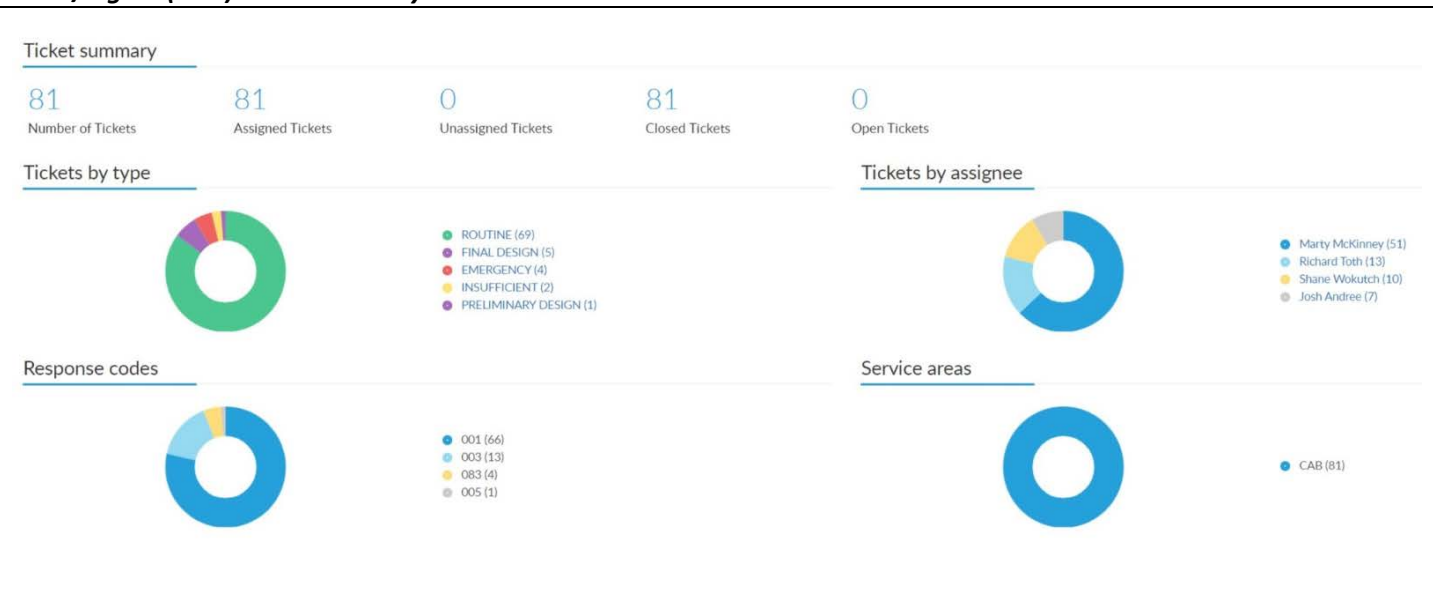
Traffic continued

Electrical

AED	Power for a new AED provided via the Cranberry Pickleball Association has been installed at Graham Park.
COVID Prep	Power and WI-Fi connections for the preschool COVID preparations were completed prior to the start of school.

Communications

Video Surveillance	Cameras and wiring installed at Graham Park for the baseball concession stand.			
Fiber Optic	Staff worked with crews from CHN Construction to relocate a fiber optic J box along Rochester Rd. Relocation required due to the roadway widening.			
One Call	Staff continue to locate the traffic signal, electrical and communications wiring as per the Pa One Call regulations.			
Last 30 Days	Design: 14	Emergency: 13	Locate CA1: 87	Locate CAB: 13

Fiber/Signal (CAB) One Call Utility Locates**FACILITIES**

Park Fire Station	Roofer was called in for water leaking through the sky lights and rippling on several areas of the new addition roof.
Waterpark	Started season closing. Cleaned and PM the pool heaters, walk-in freezers and all mechanical and HVAC equipment.
Graham Park	AED heated case has been installed on the side of the pickleball building. Signage is underway by communications and the AED will be put in service once signs are installed.
Ambulance Bldg	Work to repair the brick column at the corner of Maintenance Drive is scheduled to begin the week of 9/21. Repairs will be covered under insurance claim.
COVID 19	Monitor and supply necessary PPE for the township. Continue to search and order supplies to replenish stock.

Facilities continued	
Municipal Bldg.	<p>Plexiglass dividers made and installed on all preschool classroom desks. Wall patching and paint touch ups throughout to prep for state inspection.</p> <p>Electrical outlets installed for the new UV disinfecting light fixtures in all three classrooms and Brush Creek and Bear Run conference rooms. Light fixtures were installed and once tested were found not to be commissioned correctly from the factory. Only the midnight schedule is operating, and the two manual daytime are not running. Working directly with PURO Lighting to correct the programming.</p>

GROUNDS	
Parks Inclusive	<p>Grounds staff have been mowing grass more frequently. The cooler temperatures and heavy rainfall have helped in the recovery of all non-irrigated areas.</p> <p>Staff continue to work on fall projects, including the addition of wild flowers areas in Graham Park.</p> <p>The additional pickleball courts have been completed. Restoration around the courts continue with river rock being added around the fences and new grass planted around the complex.</p> <p>Overseeding of sports fields is near completion. We continue our fall maintenance practices with the aeration of fields and fall fertilizer application.</p> <p>All three parks continue to host volunteers that complete minor cleaning and improvement projects.</p>
Community Apiary	Hive winter preparation is underway.

BCTP	
8/4	Plant staff repurposed old ferric chloride feed pump for hypochlorite disinfection. With new membrane bioreactor process, less hypochlorite is being used which is requiring a pump with a smaller output range.
8/7	Plant staff constructed a roofed structure for road salt.
8/18	Suez visited site to inspect cassette sludging issue and blower noise. A modification was made to the main air header to each train to reduce sludging. Blower run time/sequencing was also adjusted along with a review of the existing control logic.
8/18	Johnson Controls performed annual fire alarm inspection
8/22	A feeder breaker in the blower building motor control center repeatedly tripped and prompted an emergency call out for Eaton Electrical. Plant staff was able to temporary re-wire several pieces of equipment to another motor control center until the feeder breaker was repaired.
8/26	PADEP completed its annual site visit and review of plant operations. No deficiencies were identified.
8/28	Plant operators repaired a roof drain in the old 500 KW generator room.
8/28	A high flow event prompted staff to operate the plant from 7:00 a.m. Friday through 3:30 p.m. Saturday (total rainfall 3.61 inches).
8/31	Plant staff-initiated demolition of the influent pump station odor scrubber. All piping, wiring and pumps will be removed and replaced with new materials. This is the fourth wet scrubber to be totally rebuilt. The unit is 20 years old.
9/5	At 4:00 a.m. plant staff responded to a fire alarm at the influent pump station. The alarm originated from a pull box located in the wet well. No tampering was discovered, and it is suspected that the device faulted due to the high humidity in the space.

BCTP Continued	
Franklin Acres Pump Station	No operational issues.
Briar Creek Pump Station	8/7 – New smoke detection sensors were installed in the generator and chem feed rooms 8/10 – Bollards and new placards were installed around the propane tank 8/25 – The flow meter was repaired and reconnected to the SCADA network
Wolfe Run Pump Station	No operational issues.
Water Supply	On August 21, 2020, PADEP on behalf of Governor Tom Wolf made a declaration of a drought watch for several counties in the Commonwealth. Butler County was included in that list. No mandatory restrictions are required at this time.

SEWER & WATER FIELD	
Date	Job/Project Description
8/24	Excavated and repaired a leak on the 12-inch water main near 21150 Route 19 and Victory Church.
9/3	Excavated and repaired a leak on an eight-inch main line valve near 2078 Powell Road.
9/14	Excavated and repaired a leak on the six-inch water main along Beechwood Drive at 104 Leatherbark Drive in the Creekwood plan of homes.
9/14	Along with a sub-contractor began the water distribution system leak detection survey which encompasses the entire system.
Sanitary Sewer Right of Way	During August and September staff have been clearing sanitary sewer rights-of-way.
Water/Sewer/Storm (CA1) One Call Utility Locates	
<p>Ticket summary</p> <div> <div>235 Number of Tickets</div> <div>235 Assigned Tickets</div> <div>0 Unassigned Tickets</div> <div>231 Closed Tickets</div> <div>4 Open Tickets</div> </div> <p>Tickets by type</p> <div> <ul style="list-style-type: none"> ROUTINE (213) EMERGENCY (9) FINAL DESIGN (7) INSUFFICIENT (4) COMPLEX PROJECT (1) PRELIMINARY DESIGN (1) </div> <p>Tickets by assignee</p> <div> <ul style="list-style-type: none"> Greg Gabrich (122) Rob Caughey (44) Joseph Leavens (23) Curt Rape (23) Josh Andree (9) Rick Cook (6) Doug Foeks (6) Joe Reich (2) </div> <p>Response codes</p> <div> <ul style="list-style-type: none"> 001 (130) 003 (87) 083 (8) 002 (1) 090 (1) </div> <p>Service areas</p> <div> <ul style="list-style-type: none"> CA1 (235) </div>	

PRETREATMENT	
IPP Program Submittal	Wastewater Pretreatment ordinance repeal and replace on September 24 th . Coordinating with EPA to establish new local limit values. Anticipated program submission to the EPA is October 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.
Incoming FOG Users	Coffee Brake- Main street at Meeder Farm. Bartram House Cranberry- 2075 McKenzie Way. Atria Continuing Care- Fairport Ln. Recon Brewing- Tillary Ln. at Meeder Farm. Holiday Inn Express- 1744 Rt. 228. Sheetz- 1664 Rt. 228. Seneca Valley School- 2070 Ehrman Rd. Three Rivers Cakes- 20215 Rt. 19 Unit 106. Clean Juice- 2080 Mackenzie Way Ste 200. Dock to Table- 20012 Rt. 19 Ste 500.
Existing FOG Maintenance	Hyatt Place- Pittsburgh Cranberry – requires new grease trap. Kawneer- removal of grease trap. Sherwood Oaks- grease corrective action plan. Cranberry Sports Grille- interceptor maintenance to meet specs. Emiliano's Cranberry LLC- requires additional grease trap. Marty's Suburban Bar- require installation of grease trap. Haine School- interceptor maintenance to meet specs.