



# UTILITIES DEPARTMENT MONTHLY ACTIVITY REPORT MARCH 2022

BCTP	
2/17/2022	-A high flow event prompted staff to operate the plant from 7:00a.m. Thursday through 3:30p.m. Friday (total rainfall 1.61in.).
2/22/2022	-Troubleshoot issue with <b>IPS</b> wet well air handler – replaced a broken belt.
2/25/2022	-A rainfall event prompted staff to man the plant from 4:30 a.m. Friday through 5:30p.m. (total rainfall 1.15in.).
3/02/2022	-Plant staff repaired broken fire hydrant in between <b>ATAD</b> reactors.
3/08/2022	-Operators replaced fan for Pennwood VFD #3.
3/09/2022	-Staff realigned process #3 blower pulleys and installed new belts.
Franklin Acres Pump Station	-No operational issues.
Briar Creek Pump Station	-No operational issues.
Wolfe Run Pump Station	-No operational issues.
Laurel Point Lift Station	-No operational issues.
Water Supply	-3/8-Operators troubleshoot leaking check valves at west tank, tightened packing on both valves.
**Commonly Used Acronyms	<b>IPS:</b> Influent Pump Station, <b>EPS:</b> Effluent Pump Station, <b>RDT:</b> Rotating Drum Thickener, <b>ATAD:</b> Autothermal Thermophilic Aerobic Digestion, <b>FOG:</b> Fats, Oils and Grease, <b>OCV:</b> Automatic Control Valve, <b>NASSC:</b> National Association of Sewer Service Companies, <b>BOD:</b> Biochemical Oxygen Demand, <b>RAS:</b> Return Activated Sludge, <b>MBR:</b> Membrane Bioreactors, <b>UPS:</b> Uninterruptible Power Supply, <b>FAPS:</b> Franklin Acres Pump Station, <b>WRPS:</b> Wolfe Run Pump Station, <b>BCTP:</b> Brush Creek Treatment Plant <b>POTW:</b> Publicly owned treatment works.

PRETREATMENT	
IPP Program Submittal	-EPA's approval letter for the Pretreatment Program received March 15th.
Industrial Users	- No operational issues.
Incoming FOG Users	-Crumble Cookies – 1691 Route 228, Opening soon. -Sunbelt Rentals. -Clean EatZ – Open. -The Good Slice/Sim Clubz – formerly Quaker Steak & Lube. -Henry's Meat Market – Butcher shop in planning stage. -Sankalp Restaurant. -Condado Taco. -Sheetz – 1665 Route 228.
Existing FOG Maintenance	-Performing <b>FOG</b> permit renewal inspections. -Site visits for "Non-compliant" and "No Pump Outs" <b>FOG</b> users. -9 users are non-compliant with their pump out schedule.



COLLECTION SYSTEM	
<b>Flow Metering</b>	-Sub-basin I14S14A identified as area with high I&I. Sub-basin will be smoke & dye tested along with 4 other sub-basins this spring. -SmartCover – Demo of collection system flow monitoring technology was installed on Feb. 8th and will be removed shortly.
<b>Manhole Assessment Program</b>	-Phase 2 (sub-basin manholes) -Inspection of Interceptor 14 sub-basins completed. -Inspection of Interceptor 13 sub-basins 69% complete.
	-8 manholes were raised to grade.
<b>Force Main</b>	-No operational issues.
<b>Miscellaneous</b>	-No operational issues.

Sanitary Manhole Inspection 9/24/2021 to 9/24/2024 Interceptor 13

  
Manholes Inspected per Selection  
Last update: 11 minutes ago

**69%**  
Work Complete  
Last update: 11 minutes ago

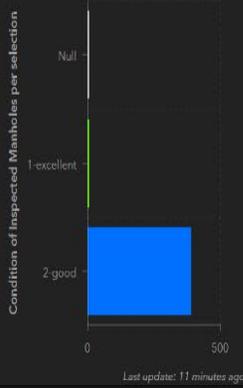
  
Days In Schedule  
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**15.6%**  
Last update: 11 minutes ago



Inspection Status    Manhole Condition

**Condition of Inspected Manholes per selection**

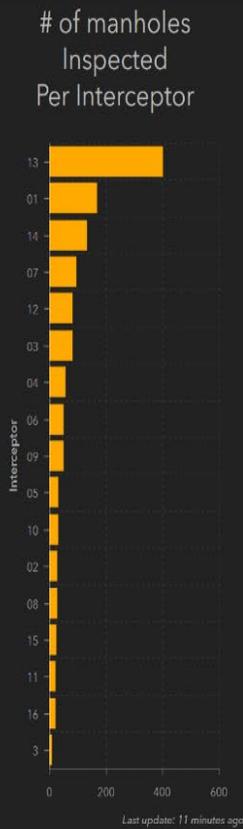


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**Latest Inspected Manholes per Selection**

- Interceptor13, MH12253, 3/11/2022
- Interceptor13, MH12119, 3/11/2022
- Interceptor13, MH12121, 3/11/2022
- Interceptor13, MH12384, 3/11/2022
- Interceptor13, MH14262, Last update: 11 minutes ago

**# of manholes Inspected Per Interceptor**

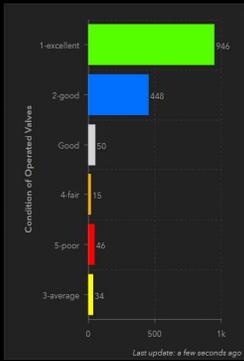
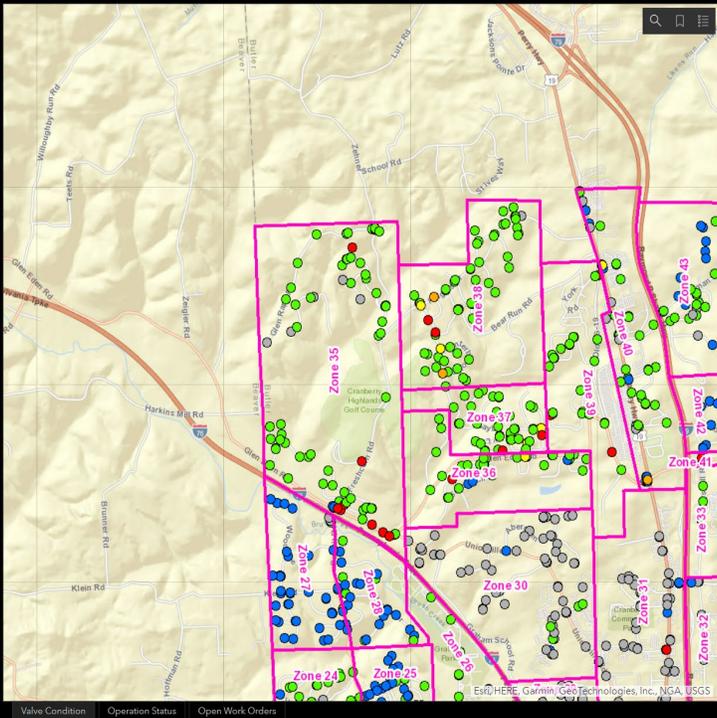
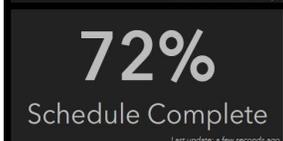


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WATER DISTRIBUTION	
<b>2/18/2022</b>	-Raised 2 hydrants to finished grade in the Reserve at Eagle Hill plan.
<b>2/28/2022</b>	-Crew excavated and replaced a broken curb stop at 413 Lincolnshire Dr. in the Fernway plan of homes.
<b>3/01/2022</b>	-Excavated and replaced a broken curb stop at 222 Parkwood Dr. in the Woodbine Estates plan.
<b>3/3/2022</b>	-Personnel excavated and repaired a leak on the 4in. fire line valve at 1630 Haine School Rd.
<b>3/10/2022</b>	-Brought a hydrant to finished grade in the Reserve at Eagle Hill plan.
<b>3/11/2022</b>	-Crew excavated and replaced a broken curb stop at 330 Bellwood Ct. in the Pineridge complex.
<b>Curb Box Maintenance</b>	-3/1- Excavated and repaired the water service curb box at 1630 Haine School Rd. -3/2- Excavated and repaired the water service curb box at 412 Ten Point Ln.
<b>Valve Maintenance</b>	-On hold, equipment issues

# WATER DISTRIBUTION CONT...

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



- Latest Operated Valves
- SysV2037, 11/10/2021
  - SysV2044, 11/10/2021
  - SysV2048, 11/10/2021
  - SysV2050, 11/10/2021
  - SysV13804, 11/10/2021
  - SysV13015, 11/10/2021
  - SysV2570, 11/3/2021
  - SysV2572, 11/3/2021
- Last update: a few seconds ago

**19**  
Open Munis Work orders  
Last update: a few seconds ago

- SysV4780 in Zone 40  
Munis WO: 328237
- SysV1760 in Zone 34  
Munis WO: 329937
- SysV2861 in Zone 34  
Munis WO: 329943
- SysV2863 in Zone 34  
Munis WO: 329944
- SysV2866 in Zone 34  
Munis WO: 329945
- SysV5501 in Zone 34  
Munis WO: 329947
- SysV10103 in Zone 23  
Munis WO: 333906
- SysV2895 in Zone 23  
Munis WO: 333945
- SysV2896 in Zone 23  
Munis WO: 333946
- SysV2897 in Zone 23  
Munis WO: 333947
- SysV2898 in Zone 23  
Munis WO: 333948
- SysV2902 in Zone 23  
Munis WO: 333949
- SysV2904 in Zone 23  
Munis WO: 333950
- SysV2906 in Zone 23  
Munis WO: 333951
- SysV2907 in Zone 23  
Munis WO: 333952

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**Monthly Utility Counts: February 2022**

**TAPS: 3**

**METER INSTALLS: 6**

**METER REPLACEMENTS: 2**

**INSPECTIONS (Water, Sewer & Development): 22**

## BACKFLOW PROGRAM

**Program Start Date: 2/7/2022**

**Compliant Percentage: 3.78%**

<p>Total # of Devices <b>1399</b></p>	<p>Total Tests Performed <b>56</b></p>	<p>Total Tests Passed <b>56</b></p>
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## Water/Sewer/Storm (CA1) One Call Utility Locates

Ticket summary PA811- Water Sewer Storm, 01 Feb 2022 - 28 Feb 2022

**Ticket summary**

150 Number of Tickets	150 Assigned Tickets	0 Unassigned Tickets	150 Closed Tickets	0 Open Tickets
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**Tickets by type**

- ROUTINE (121)
- EMERGENCY (18)
- FINAL DESIGN (4)
- INSUFFICIENT (3)
- COMPLEX PROJECT (2)
- PRELIMINARY DESIGN (2)

**Tickets by assignee**

- Greg Gabrich (76)
- Rob Caughey (20)
- Curt Rape (18)
- Joseph Leavens (14)
- Joe Reich (7)
- Josh Andree (6)
- Daniel Enciso (5)
- Rick Cook (2)
- William Enciso (2)

**Response codes**

- 001 (87)
- 003 (60)
- 003 (6)
- 090 (2)
- 006 (1)

**Service areas**

- CA1 (150)