

2016 Collection System Repairs & Maintenance

City of Hazleton – System Repairs and Improvements

- Bunton Bock Area Sewer Separation & Improvement Projects:
 - Completed construction of new separate sanitary sewer mains on Mill Street, Hazle Street, Mine Street, Chestnut Street, Cranberry Avenue, Juniper Street, Walnut Street, Elm Street, Beech Street, and Poplar Street. Constructed approximately 7,200 linear feet of new sanitary sewer pipe and 54 new manholes. Connected 208 sanitary laterals to new sanitary mains. Completed boring and installation of 230 linear feet of steel casing pipe under 2 sets of railroad tracks. Connected new sanitary main to GHJSA Mill Street Interceptor pipe. Completed full width street paving on all affected streets.
 - Performed dye testing and investigative work related to eliminating storm inlets and roof drains from sanitary system. Inspected 234 properties and had 138 roof drain leaders removed from sanitary sewer mains through December 31.
- Oliver Court Right-of-Way main repair: Replaced 5 linear feet of defective 12” TCP pipe which had been allowing infiltration with new 12” PVC pipe.
- Birch Knoll Right-of-Way main repair: Replaced 15 linear feet of defective 12” TCP pipe which had been allowing infiltration with new 12” PVC pipe.
- Wyoming & Maple sinkhole repair: Repaired manhole riser and replaced defective frame & cover which had been allowing infiltration. Removed loose fill material and replaced with flowable concrete fill.
- Hemlock Street main repair: Replaced 40 linear feet of damaged 8” TCP pipe with new 8” PVC pipe.
- Pine & Hemlock sinkhole repair: Repaired void area at stone arch which had been allowing infiltration.
- Hemlock & Bennett sinkhole repair: Repaired and sealed 2 abandoned pipe locations at stone arch which had been allowing infiltration.
- Wyoming & Tamarack sinkhole repair: Repaired defective pipe connection to stone arch.
- North Laurel Street repairs: Locate, repair, flush and clean 4 unmapped private main locations. Repair defective manhole which had been allowing infiltration.
- 22nd & Peace main repair: Replaced 10 lf defective 4” TCP pipe with new PVC, repaired defective connection to manhole.
- Maple Street sinkhole repairs: Repaired and sealed 2 voids at stone arch which had been allowing infiltration.
- North Poplar Street inlet repair: Rebuilt defective storm inlet connected to stone arch.
- Repaired, raised to grade and replaced defective frames and covers for 52 manholes.

City of Hazleton – System Maintenance & Inspection Program

- Flushed and cleaned approximately 32,000 linear feet of mains.
- Flushed and cleaned 124 manholes and 12 storm inlets.
- Closed circuit television (CCTV) inspection of approximately 18,000 linear feet of mains.

West Hazleton Borough – System Repairs and Improvements

- Madison Avenue – Repaired storm inlet connected to combined main by rebuilding riser and replacing frame and grate
- North Broad Street – Repaired manhole riser and replaced defective frame & cover
- Green & 4th Streets – Repaired storm inlet connected to combined main by rebuilding concrete riser
- Allen Street & Madison Avenue - Rebuilt manhole riser and converted frame and cover from square to round
- Unico Drive - Rebuilt manhole riser and converted frame and cover from square to round
- Unico Drive – Raised 2 manholes to grade to allow access for flushing
- Landmesser & 19th Streets – Raised buried manhole to grade and replaced defective frame & cover
- Ridge Avenue – Repaired manhole riser and repaired defective frame
- Modified 8 storm inlets connected to combination mains to reduce amount of large debris inflow into system.

West Hazleton Borough – System Maintenance & Inspection Program

- Flushed and cleaned approximately 4,200 linear feet of mains.
- Flushed and cleaned 18 manholes.
- Flushed and cleaned 25 storm inlets connected to combination mains.
- Closed circuit television (CCTV) inspection of approximately 3,500 linear feet of mains.

GHJSA Interceptors and CSO Repairs/Improvements

- Terminus of Black Creek Interceptor CSO: Replaced 440 linear feet of deteriorated 48” corrugated metal and concrete pipe with new 48” ADS double-walled polyethylene pipe. Reconstructed outfall area and rock apron.