

## **2023 Collection System Repairs & Maintenance**

### **City of Hazleton – System Repairs and Improvements**

- Locust Street CSO Separation Project and Force Main Replacement:
  - Installed approx. 1,700 linear feet of new 12” ductile iron force main.
  - Areas 2 & 3 Investigation: Inspection and dye testing of over 285 buildings to identify possible sewer cross-connections and roof drains connected to sanitary sewer system.
- Area 10 Partial Sewer Separation Project: Inspection and dye testing of over 300 buildings to identify possible sewer cross-connections and roof drains connected to sanitary sewer system.
- Arthur Street main repair: Replaced 10 lf section of defective 8” TCP pipe with new PVC pipe.
- Green Street main repair: Replaced 10 lf section of defective 12” TCP pipe with new PVC pipe.
- McNair Street main repair: Replaced 15 lf defective 8” TCP pipe with new PVC pipe.
- Hemlock Street sinkhole repair: Repaired loose area at pipe penetration into stone arch and backfilled area with flowable concrete fill.
- Diamond Avenue sinkhole repairs: Repaired loose pipe penetration into manhole and backfilled area with flowable concrete fill.
- Repaired, raised to grade and replaced defective frames and covers for 53 manholes.
- Completed root control treatment program with approximately 7,600 linear feet of mains treated on various streets.

### **City of Hazleton – System Maintenance & Inspection Program**

- Flushed and cleaned approximately 7,500 linear feet of mains.
- Flushed and cleaned 22 manholes.
- Closed circuit television (CCTV) inspection of approximately 21,300 linear feet of mains.
- Installed 17 flow monitoring devices at various locations as part of system-wide flow modelling study.

### West Hazleton Borough – System Repairs and Improvements

- Irving Street manhole repair: Repaired manhole riser and replaced defective frame & cover.
- Repaired, raised to grade and replaced defective frames and covers for 5 manholes.
- Completed root control treatment program with approximately 5,300 linear feet of mains treated on various streets.

### West Hazleton Borough – System Maintenance & Inspection Program

- Flushed and cleaned approximately 4,300 linear feet of mains.
- Flushed and cleaned 12 manholes and 6 storm inlets connected to combined sewer system.
- Closed circuit television (CCTV) inspection of approximately 5,400 linear feet of mains.
- Installed 6 flow monitoring devices at various locations as part of system-wide flow modelling study.