

Major Accomplishments for 2013

The division recorded 161 sewer-related actions or complaints. Sluggish or blocked mains generated 11 complaints. There were 89 complaints related to actual lateral blockages. Twelve (12) of these were when a plumber was unable to restore service or reported a defect. The department restored service by using sewer-cleaning rods or a Harben. Plumbers addressed the other 77 lateral complaints. Sixteen (16) laterals were inspected with the CCTV equipment. The other complaints resulted in a general investigation or were unrelated to lateral or main malfunctions. A total of 148 trouble reports occurred while on-duty and 13 were call-outs. The call-outs are as follows: 2 due to main blockages and 11 due to reports of lateral blockages.

The division repaired five laterals during 2013. (2012: 3 repairs; 2011, 2 repairs; 2010: 5 repairs, 2009: 9 repairs, 2008: 4 repairs, 2007: 6 repairs, 2006: 4 repairs, 2005: 3 repairs, 2004: 6 repairs).

The division did not conduct any main repairs during 2013.

The department cleaned 353,329 lineal feet of sanitary sewer during 2013 (2012, 445,934; 2011, 257,091; 2010: 182,500; 2009: 245,200; 2008: 163,058; 2007: 135,567). This increase resulted from having a full staff, and less manhole replacement work, and suitable weather for cleaning during January, February, and March. These months are typically too cold to permit all but emergency jetting/cleaning.

No major replacements or rehabilitation took place in 2013. Main Sewer pipe replacement/rehabilitation: 2013: 0 lf; 2012: 0 lf; 2011: 3001 lf; 2010: 2707 lf; 2009: 1322 lf; 2008: 817 lf.

The crew televised 0' lineal feet of sanitary sewer mains in 2013. (2012, 0'; 2011, 1500'; 2010: 6,490'; 2009: 1,278'; 2008: 7817'; 2007: 5,024')

In 2013, 3570 manholes were inspected during cleaning and maintenance activities.

A total of 14 sanitary sewer manhole frame and cover was replaced and adjusted to grade. The department assisted Highway in locating 2 and replacing 5 storm sewer manholes. No manhole cushions were installed. (2012: 1 SS, 30 SWS (replaced 3); 2011: 17 SS 19 SS due to sewer construction, 3 SWS manholes; 2010: 63 SS manholes, 10 SWS manholes, 2009: 35 SS manholes, 10 SWS manholes)

The chemical root control program for laterals continued in 2013. Root control was applied to 13 service laterals where homeowners indicated or the division found root problems (2012: 22; 2011: 21 laterals; 2010: 50 laterals; 2009: 29 laterals). Root control was applied to 0' of sewer mains in problem areas (2012: 2643'; 2011: 391').

The department advertised and awarded a 5 year contract to CSL. This firm collected data and prepared reports from the 15 inter-municipal flow meters and two rain gauges. The information was used for sewer billing collection system capacity evaluation. The current contract was at a

lower cost than the previous and includes Web data access.

The department responded to 1,524 requests for PA-One Call utility markings. This is a slight increase from previous year (2012: 1884; 2011: 1888; 2010: 1709; 2009: 1826; 2008: 2115; 2007: 2113; 2006: 2,066; 2005: 1,727).

Five (5) Flood Pump Stations were inspected and maintained. All five stations were operational and ready for a flood emergency.

A significant rain event occurred in early October and was nearly the magnitude of the TS Lee event of 2011. This storm event reminds us that these events can occur with varying magnitude and frequency.

The department continues to use a database management system for tracking activities within the department.

The Sewer Emergency Response Team continued to operate for serious sewer related backups.

The department continued to update the comprehensive sewer maps and lateral detail sheets.

The Superintendent continued to work on the mapping and attribute components of the GIS system for sanitary sewers and storm sewer system. Inventorying and inclusion of the storm water outfalls to the Codorus Creek and tributaries continued as part of the City's ongoing MS4 program.

The department assisted the Highway, Parks, and WWTP as needed. The Highway Bureau assisted Sewer Maintenance on several patching and manhole projects.

The department became fully staffed in 2013.