

SEWER MAINTENANCE DIVISION

Major Accomplishments for 2015

The division recorded 167 sewer-related actions or complaints. Sluggish or blocked mains generated 22 complaints. There were 116 complaints related to actual lateral blockages. Twelve (12) of these were when a plumber was unable to restore service or reported a defect. The division restored service by using sewer-cleaning rods or a Harben. Plumbers addressed the other 104 lateral complaints. Thirteen (13) 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 144 trouble reports occurred while on-duty and 23 were call-outs. The call-outs are as follows: 5 due to main blockages, 15 due to reports of lateral blockages, 3 due to non-sewer related issues.

The division repaired four (4) laterals during 2015. (2014: 5 repairs; 2013: 5 repairs; 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).

There was 1 main repair completed by the division during 2015.

The division cleaned 187,715 lineal feet of sanitary sewer during 2015 (2014: 93,766; 2013: 353,329; 2012: 445,934; 2011, 257,091; 2010: 182,500; 2009: 245,200; 2008: 163,058; 2007: 135,567).

No major replacements or rehabilitation took place in 2015. Main Sewer pipe replacement/rehabilitation: 2014:0 lf; 2013: 356 (132 lf by City contractor, 234 lf by developer; 2012: 0 lf; 2011: 3001 lf; 2010: 2707 lf; 2009: 1322 lf; 2008: 817 lf.

The crew televised 968' lineal feet of sanitary sewer mains in 2015. (2014: 19,627'; 2013: 0'; 2012: 0'; 2011: 1500'; 2010: 6,490'; 2009: 1,278'; 2008: 7817'; 2007: 5,024') Storm Water Sewer CCTV footage 210'.

In 2015, 2020 manholes were inspected during cleaning and maintenance activities.

A total of 2 sanitary sewer manhole frame and cover was replaced and adjusted to grade. The division assisted Highway replacing/adjusting 4 storm sewer manholes. Manholes frames and covers replaced by outside contractor during paving: 14 SS total. No manhole cushions were installed. (2014: 7 SS, 3 SWS; 2013: 14 SS, 5 SWS; 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 2015. Root control was applied to 13 service laterals where homeowners indicated or the division found root problems (2014: 16; 2013: 13; 2012: 22; 2011: 21 laterals; 2010: 50 laterals; 2009: 29 laterals). Root control was applied to 2523' of sewer mains in problem areas (2014: 0'; 2013: 0'; 2012: 2643'; 2011: 391').

The division continued utilizing CSL for Intermunicipal flow monitoring. This firm collects data and prepares reports from the 20 intermunicipal flow meters (1 at the WWTP) and two rain gauges. The information was used for sewer billing and collection system capacity evaluation.

The division responded to 1,531 requests for PA-One Call utility markings. (2014: 1495; 2013: 1524; 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.

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

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

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

The division remained fully staffed during all of 2015.