



Legislation Text

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TO: Board of Mayor and Aldermen

FROM: Eric Stuckey, City Administrator
Mark Hilty, Assistant City Administrator - Public Works
Rick McPeak, Water Management Assistant Director

SUBJECT:
Report of Fourth Quarter 2016 Wastewater Collection System Maintenance and Inspection Activities Summary

Purpose

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning maintenance and inspection activities performed in the City's Wastewater Collection System.

Background

During the fourth quarter of 2016, Water Management staff have performed inspections and cleaning on over 122,000 linear feet (LF) of sanitary sewer line. This equates to approximately 6.1% of the collection system. Inspections and subsequent maintenance of manholes totaled 321 and 12 respectively. The number of inspections performed in the fourth quarter of 2016 is approximately 4% of the manholes in Franklin's system. In review of these and other activities, Water Management staff has performed proactive and reactive inspection and maintenance tasks at point locations at a rate of over six deployments per day and for linear infrastructure at a rate of over 2,000 LF/day.

The following table presents the fourth quarter 2016 maintenance and inspection activities for the sanitary sewer collection system.

Wastewater Collection System Maintenance and Inspection Activities

Description	Oct-2016	Nov-2016	Dec-2016	Quarterly Total
<i>Sanitary Sewer Lines Cleaned (LF)</i>	8,597	17,451	6,620	32,668
<i>CCTV Inspection (LF)</i>	2,078	13,552	5,825	21,455
<i>Rapid Assessments Performed (LF)</i>	13,816	35,644	18,623	68,083
<i>Sanitary Sewer Main Maintenance (not associated with cleaning) (Ea)</i>	3	1	1	5
<i>Sanitary Sewer Main Replacement/Rehab (LF)</i>		210		210
<i>Manhole Inspection (Ea)</i>	105	216		321
<i>Manhole Maintenance (Ea)</i>	9	3		12
<i>Manhole Replacement/Rehab (Ea)</i>				-
<i>Service Line Inspection (Ea)</i>		4	1	5
<i>Service Line Maintenance (Ea)</i>		2	1	3
<i>Service Line Replacement/Rehab (Ea)</i>	6	4	2	12
<i>Sanitary Sewer Backup Responses (not inclusive of SSOs or releases)</i>	7	3	9	19