



## Legislation Details (With Text)

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**Title:** Report of Fourth Quarter 2016 Wastewater Collection System Maintenance and Inspection Activities Summary  
**Sponsors:** Mark Hilty, Rick McPeak  
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4/11/2017	1	Board of Mayor & Aldermen	approved	Pass

**DATE:** April 2, 2017

**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*

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