

**DATE:** March 2018

**TO:** Board of Mayor and Aldermen

**FROM:** Eric Stuckey, City Administrator  
Mark Hilty, ACA Public Works  
Michelle Hatcher, Water Management Director

**SUBJECT:** 1st Quarter 2018 Wastewater Collection System Activities Summary

**Purpose**

The purpose of this memo 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**

Per the May 10, 2016 settlement agreement between HRWA and the City of Franklin, item #9, page 8, the City will create and report to BOMA a summary of the previous quarter's activities, including amount of infrastructure inspected and assessed, feet of pipe cleaned and repairs made. The attached table presents a summary of these activities.

During the first quarter of 2018, Water Management staff have performed inspections and cleaning of 42,467 linear feet (LF) of sanitary sewer line. This equates to 2% of the collection system. Inspections and subsequent maintenance of manholes totaled 8 and 1 respectively. The number of inspections performed in the first quarter of 2018 is 0.1% 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 1 deployments per day and for linear infrastructure at a rate of 674 LF/day.

**Financial Impact**

This report does not create any anticipated financial impact(s).

**Recommendation**

Staff recommends review and approval of this Quarterly report for City record.



HISTORIC  
FRANKLIN  
TENNESSEE

# MEMORANDUM

1st Quarter 2018					
Description	Jan-2018	Feb-2018	Mar-2018	Quarterly Total	Percent of System
Sanitary Sewer Lines Cleaned (LF)	6,218	9,918	14,145	30,281	1.4%
CCTV Inspection (LF)	5887.3	4,858		10,745	0.5%
Rapid Assessments Performed (LF)	0	1,371		1,371	0.1%
Sanitary Sewer Main Maintenance (not associated with cleaning) (Ea)	0	-		-	NA
Sanitary Sewer Main Replacement/Rehab (LF)	0	0	70	70	0.00%
Generator Inspection/Maintenance	Checked Fluids Weekly; routine exercise performed weekly	Checked Fluids Weekly; routine exercise performed weekly	Checked Fluids Weekly; routine exercise performed weekly	NA	100%
Manhole Inspection (Ea)	0	8	0	8	0.1%
Manhole Maintenance (Ea)	1	-	-	1	0.0%
Manhole Replacement/Rehab (Ea)	0	0	-	-	0.0%
Service Line Inspection (Ea)	3	8	5	16	NA
Service Line Maintenance (Ea)	2	0	0	2	NA
Service Line Replacement/Rehab (Ea)	5	4	5	14	NA
Sanitary Sewer Backup Responses (not inclusive of SSOs or releases) (Ea)	8	7	6	21	NA
Valve Inspection (Ea)	0	0	0	0	
Valve Maintenance (Ea)		0	0	0	
Valve Replacement/Rehab (Ea)	1	0	0	1	