

DATE: March 2019

TO: Board of Mayor and Aldermen

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

SUBJECT: 1st Quarter 2019 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 2019, Water Management staff have performed inspections and cleaning of 78,357 linear feet (LF) of sanitary sewer line. This equates to 3.69% of the collection system. Inspections and subsequent maintenance of manholes totaled 142 and 6 respectively. The number of inspections performed in the first quarter of 2019 is 1.6% 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 2.73 deployments per day and for linear infrastructure at a rate of 1,243.76 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.

1st Quarter 2019					
Description	Jan-2019	Feb-2019	Mar-2019	Quarterly Total	Percent of System
Sanitary Sewer Lines Cleaned (LF)	17,002	18,137	14,536	49,675	2.3%
CCTV Inspection (LF)	10,458	8,022	10,136	28,616	1.3%
Rapid Assessments Performed (LF)	0	63	3	66	0.0%
Sanitary Sewer Main Maintenance (not associated with cleaning) (Ea)	0	-	0	-	NA
Sanitary Sewer Main Replacement/Rehab (LF)	0	0	-	-	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)	19	95	28	142	1.6%
Manhole Maintenance (Ea)	2	3	1	6	0.1%
Manhole Replacement/Rehab (Ea)	1	0	-	1	0.0%
Service Line Inspection (Ea)	1	3	3	7	NA
Service Line Maintenance (Ea)	2	1	4	7	NA
Service Line Replacement/Rehab (Ea)	2	4	3	9	NA
Responses to customer backups (Ea)	8	4	6	18	NA
Valve Inspection (Ea)	0	0	1	1	
Valve Maintenance (Ea)		0	0	0	
Valve Replacement/Rehab (Ea)	0	0	1	1	
				LF Quarterly Total	78,357
				LF / 63	1,243.76