

DATE: February 11, 2020

TO: Board of Mayor and Aldermen

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

SUBJECT: 4th 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 fourth quarter of 2019, Water Management staff have performed inspections and cleaning of 49,210 linear feet (LF) of sanitary sewer line. This equates to 2.7% of the collection system. Inspections and subsequent maintenance of manholes totaled 43 and 6 respectively. The number of inspections performed in the fourth quarter of 2019 is 0.5% 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 1.2 deployments per day and has inspected/maintained over 1,144.51 LF/day during the fourth quarter.

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.



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MEMORANDUM

4th Quarter 2019						
Description	Oct-2019	Nov-2019	Dec-2019	Quarterly Total	Percent of System	
Sanitary Sewer Lines Cleaned (LF)	23,580	12,268	13,362	49,210	2.7%	
CCTV Inspection (LF)	8,542.6	7,196.3	5,554	21,293	1.2%	
SL-RAT Footage (LF)	-	-	-	-	0.0%	
Sanitary Sewer Main Maintenance (not associated with cleaning) (Ea)	2	-	-	2	NA	
Sanitary Sewer Main Replacement/Rehab (LF)	85	112	260	457	0.02%	
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)	25	9	9	43	0.412%	
Manhole Maintenance (Ea)	3	2	1	6	0.1%	49
Manhole Replacement/Rehab (Ea)	2	-	-	2	0.0%	
Service Line Inspection (Ea)	7	3	3	13	NA	
Service Line Maintenance (Ea)	2	2	2	6	NA	
Service Line Replacement/Rehab (Ea)	1	1	2	4	NA	
Responses to customer backup (Ea)	3	4	2	9	NA	
Valve Inspection (Ea)	-	3	-	0		
Valve Maintenance (Ea)	-	-	-	0		
Valve Replacement/Rehab (Ea)	-	-	3	3		
				LF Quarterly Total	70,960	3.91%
				LF / 62	1,144.51	