

**DATE:** February 2, 2021

**TO:** Board of Mayor and Aldermen

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

**SUBJECT:** 4th Quarter 2020 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 2020, Water Management staff have performed inspections and cleaning of 61,330 linear feet (LF) of sanitary sewer line. This equates to 3.4% of the collection system. Inspections and subsequent maintenance of manholes totaled 35 and 2 respectively. The number of inspections performed in the fourth quarter of 2020 is 0.397% 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 0.91 deployments per day and has inspected/maintained over 958.28 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 2020					
Description	Oct-2020	Nov-2020	Dec-2020	Quarterly Total	Percent of System
Sanitary Sewer Lines Cleaned (LF)	869	20,839	13,918	35,626	2.0%
CCTV Inspection (LF)	8,152.0	11,193.4	6,359	25,704	1.4%
Rapid Assessments Performed (LF)	-	-	-	-	0.0%
Sanitary Sewer Main Maintenance (not associated with cleaning) (Ea)	2	1	1	4	NA
Sanitary Sewer Main Replacement/Rehab (LF)	-	-	-	-	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)	16	13	6	35	0.397%
Manhole Maintenance (Ea)	-	-	2	2	0.0%
Manhole Replacement/Rehab (Ea)	-	-	-	-	0.0%
Service Line Inspection (Ea)	4	2	2	8	NA
Service Line Maintenance (Ea)	2	3	5	10	NA
Service Line Replacement/Rehab (Ea)	2	1	-	3	NA
Sanitary Sewer Backup Responses (not inclusive of SSOs or releases) (Ea)	4	3	6	13	NA
Valve Inspection (Ea)	-	-	-	0	
Valve Maintenance (Ea)	-	-	-	0	
Valve Replacement/Rehab (Ea)	-	-	-	0	
				<b>LF Quarterly Total</b>	<b>61,330</b>
				<b>LF / 64</b>	<b>958.28</b>