

Board of Commissioners Consent Decree Information Sheet

Commissioner District 2 – Michelle Long Spears

Report Date January 2025

Collection System Overview

District 2 contains more than 490 miles of sanitary sewer gravity mains and about 13,500 manholes. Most flows from District 2 are directed toward Atlanta’s RM Clayton WRF. The County has completed assessment of the Priority Areas with the District and have identified about 475,000 LF as requiring rehabilitation while the remaining sewer mains within the Priority Areas will undergo upkeep in Maintenance Management System program. Assessment and maintenance of the sewers outside of the Priority Areas are ongoing.

Assessment Progress

Methodologies for assessment include smoke testing, in which non-toxic smoke is injected into the system to identify areas of potential I&I in the system; acoustic testing, which utilizes sound waves to detect breakages and voids; CCTV inspection, which provides a visual inspection of sewer lines; and, TISCIT which uses sonar to identify defects in large interceptor lines.

Total Assessments Progress		Assessments Completed by Type	
		Inspection Type	Total Length (LF) / Manhole Count
Assessment Area	Total Length (LF)	Priority Areas	2,784,222
Priority Areas	2,784,222	Acoustic Inspection	709,636
Complete	2,784,222	CCTV Inspection	688,347
Other Areas	3,470,823	Manhole Condition Assessment	5,456
Complete	3,363,563	Sewer Cleaning	68,151
To Be Completed	107,260	Smoke Test	1,205,138
Grand Total	6,255,044	Sonar/TISCIT	107,494
		Other Areas	3,470,823
		Acoustic Inspection	622,787
		CCTV Inspection	1,582,055
		CCTV Inspection with rehab	4,106
		Manhole Condition Assessment	5,621
		Sewer Cleaning	59,974
		Smoke Test	826,924
		Sonar/TISCIT	369,355
		Grand Total	6,255,044

Preventative Maintenance

Preventative maintenance includes preventing the intrusion of roots, cleaning of lines, and ensuring access through easement clearing allow DWM to ensure the integrity of the system.

Countywide Q1/2-2024	Total	CD 2 - Q1/2-2024	Total
Easement Clearing (SqFt)	2,152,938	Easement Clearing (SqFt)	0
Cleaning (LF)	535,640	Cleaning (LF)	136,492
Root Control (LF)	769,187	Root Control (LF)	122,467
Grand Total	3,457,765	Grand Total	258,959

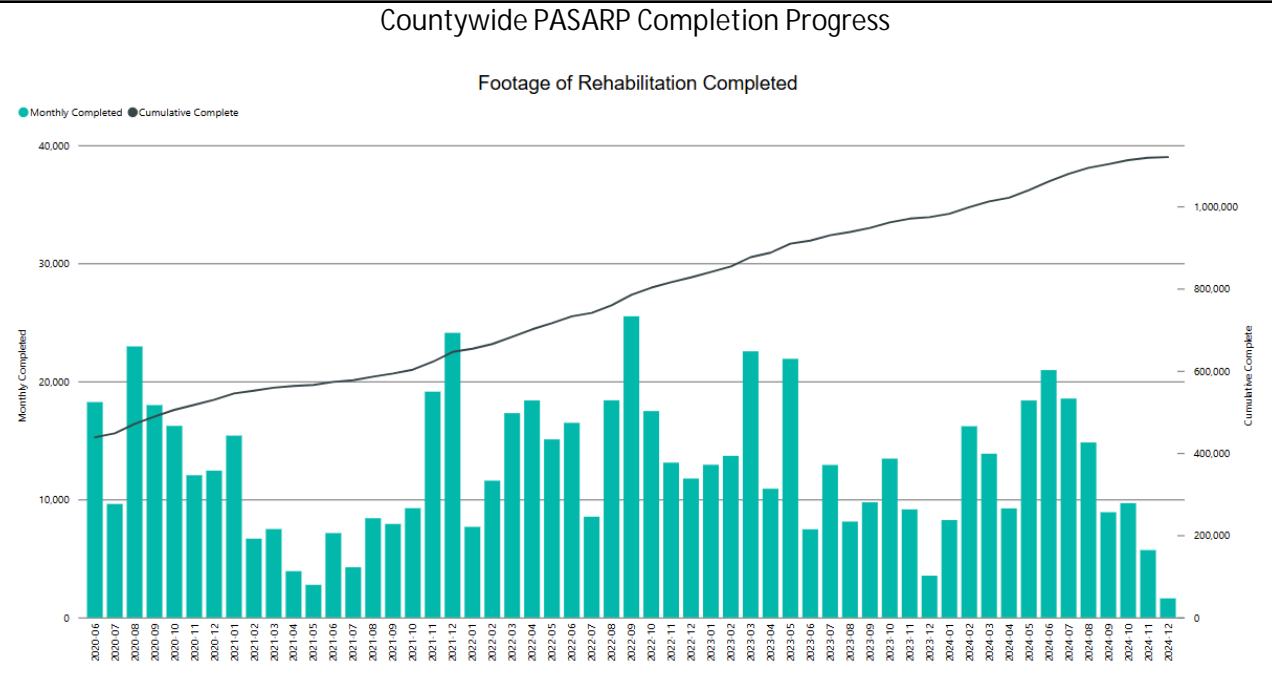
Priority Area Rehabilitation Progress

Priority Areas Progress		Rehabilitation Completed by Type	
	Total Length (LF)	Rehabilitation Method	Total Length (LF)
Contracted	500,387	Abandoned	1,656
Completed	418,454	Lining	399,147
In Progress	81,933	Point Repair	6,800
Not Contracted	30,032	Point Repair & Lining	2,492
In Progress	30,032	Replacement	8,188
Grand Total	530,420	Assessment	171
		Grand Total	418,454

Lift Stations & Force Mains

Sewer lift stations pump untreated wastewater via a force main from lower lying areas to areas that will allow for gravity flow of the wastewater to a treatment facility. District 2 has 4 lift stations and 1,600 LF of force main to ensure the proper collection of wastewater. No rehabilitation of lift stations in District 2 is required, routine maintenance is ongoing.

Overall PASARP Progress



Board of Commissioners Water System Information Sheet

Commissioner District 2 – Michelle Long Spears

Report Date January 2025

Distribution System Overview

District 2 contains more than 441 miles of small diameter (less than 16”) water mains and more than 36 miles of large diameter (greater than 16”) water mains. The system in District 2 contains more than 4,300 fire hydrants to support fire protection efforts. There is 1 water tank near Clairmont Road. It is currently scheduled for replacement in the Water Master Plan. The tank helps to manage water pressure during periods of peak demand.

Small Diameter System Details

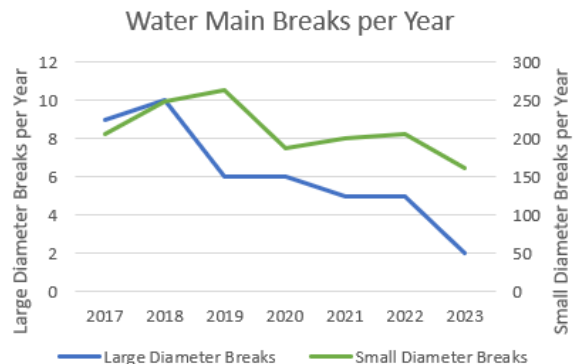
Pipe Construction	Feet	Miles
Asbestos Cement	373,309	70.7
Cast Iron	792,475	150.1
Copper	76,260	14.4
Ductile Iron	961,767	182.2
Galvanized	57,444	10.9
PVC	70,045	13.3
Other / Unknown	40,854	7.7
Total Feet	2,331,300	441.5

Large Diameter System Details

Pipe Construction	Feet	Miles
Cast Iron	20,319	3.8
Carbon Steel	120,609	22.8
Ductile Iron	50,579	9.6
Prestressed Concrete Cylinder Pipe	0	0.0
Other / Unknown	16	0.0
Total Feet	191,507	36.3

Water Main Breaks Since 2017

District 2	Breaks since 2017
Large Diameter	44
Small Diameter	1,596



Key Upcoming projects	
Project Name	Benefit
Scott Boulevard Phase 2 Water Main Replacement	Replacement of deteriorated cast iron water transmission main
60" Transmission Main Phase A	New 60" transmission main to help with current and future water demands throughout the County
Lavista Rd	Replacement of deteriorated cast iron water mains