

Board of Commissioners Consent Decree Information Sheet

Commissioner Super District 7 – LaDena Bolton

Report Date January 2025

Collection System Overview

Super District 7 contains more than 1,300 miles of sanitary sewer gravity mains and about 36,800 manholes. Most flows from Super District 7 are directed toward Snapfinger Plant and the Pole Bridge Plant, with a portion of the flows treated by the City of Atlanta or Gwinnett County. The County has completed assessment of the Priority Areas with the District and have identified about 420,000 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	4,364,802
Priority Areas	4,364,802	Acoustic Inspection	1,671,375
Complete	4,364,802	CCTV Inspection	539,874
Other Areas	10,493,177	Manhole Condition Assessment	10,675
Complete	10,342,036	Sewer Cleaning	24,781
To Be Completed	151,141	Smoke Test	1,988,087
Grand Total	14,857,979	Sonar/TISCIT	130,010
		Other Areas	10,493,177
		Acoustic Inspection	3,498,795
		CCTV Inspection	2,570,573
		CCTV Inspection with rehab	17,141
		Manhole Condition Assessment	15,296
		Sewer Cleaning	164,744
		Smoke Test	3,442,045
		Sonar/TISCIT	784,582
		Grand Total	14,857,979

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. Information reported is for Q1 & Q2 of 2024 only.

Countywide Q1/2-2024		SD 7 - Q1/2-2024	
	Total		Total
Easement Clearing (SqFt)	2,152,938	Easement Clearing (SqFt)	943,498
Cleaning (LF)	535,640	Cleaning (LF)	284,085
Root Control (LF)	769,187	Root Control (LF)	491,045
Grand Total	3,457,765	Grand Total	1,718,628

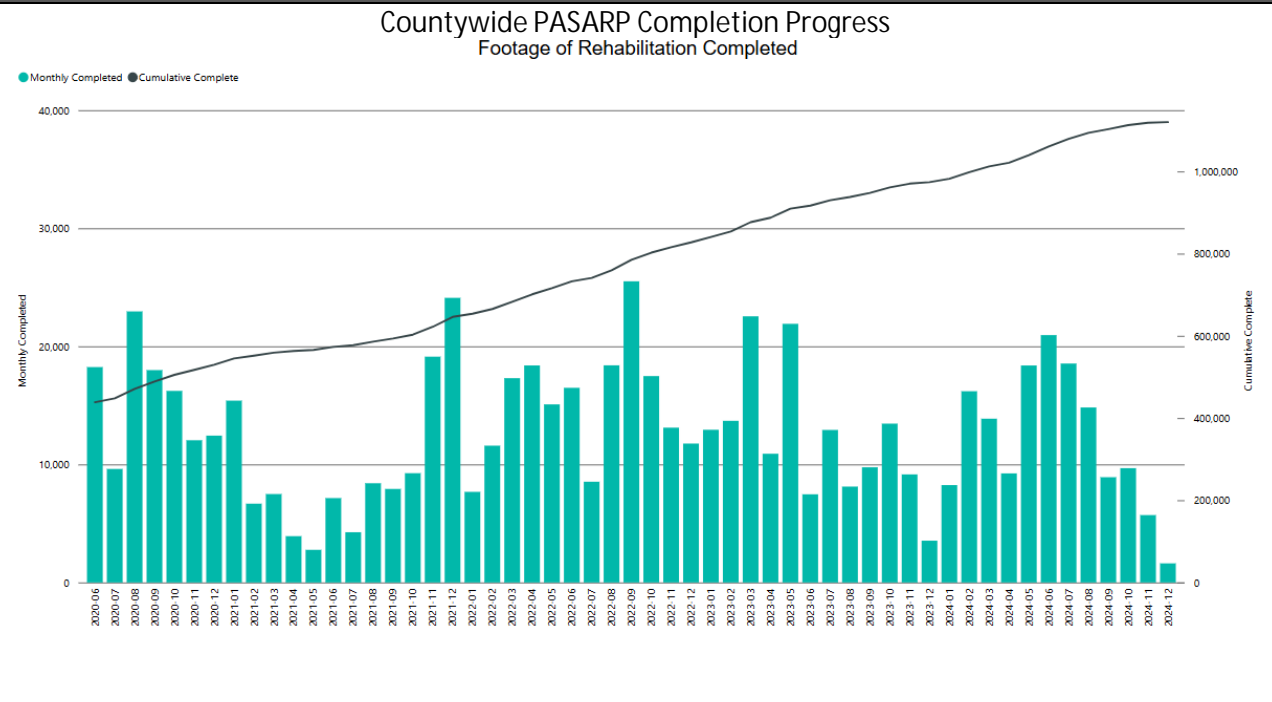
Priority Area Rehabilitation Progress

Priority Areas Progress		Rehabilitation Completed by Type	
	Total Length (LF)	Rehabilitation Method	Total Length (LF)
Contracted	559,665	Abandoned	8,598
Completed	462,555	Lining	413,699
In Progress	97,110	Point Repair	5,402
Not Contracted	35,708	Point Repair & Lining	695
In Progress	35,708	Replacement	31,895
Grand Total	595,373	Assessment	2,266
		Grand Total	462,555

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. Super District 7 has 59 lift stations and 153,800 LF of force main to ensure the proper collection of wastewater. All lift station rehabilitation in Super District 7 was completed by 2019, and routine maintenance is ongoing.

Overall PASARP Progress



Board of Commissioners Water System Information Sheet

Commissioner Super District 7 – LaDena Bolton

Report Date January 2025

Distribution System Overview

Super District 7 contains more than 1,600 miles of small diameter (less than 16”) water mains and 160 miles of large diameter (greater than 16”) water mains. The system in Super District 7 contains more than 13,900 fire hydrants to support fire protection efforts. There are 10 water tanks in Super District 7 – 2 in Tucker, 2 on Redan Road, 2 on Columbia Drive, 2 on Wesley Chapel Road, and one each on McAfee Road and Parkway Road. The tanks help to manage water pressure during periods of peak demand.

Small Diameter System Details

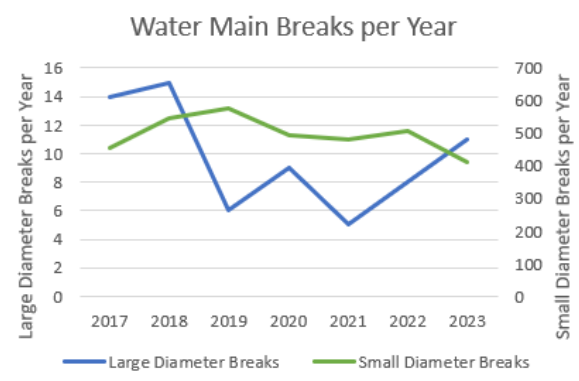
Pipe Construction	Feet	Miles
Asbestos Cement	1,636,126	309.9
Cast Iron	2,186,327	414.1
Copper	641,823	121.6
Ductile Iron	3,195,945	605.3
Galvanized	141,037	26.7
PVC	800,232	151.6
Other / Unknown	104,663	19.8
Total Feet	8,601,490	1,629.1

Large Diameter System Details

Pipe Construction	Feet	Miles
Cast Iron	78,340	14.8
Carbon Steel	249,048	47.2
Ductile Iron	497,213	94.2
Prestressed Concrete Cylinder Pipe	22,119	4.2
Other / Unknown	6	0.0
Total Feet	846,721	160.4

Water Main Breaks Since 2017

Super District 7	Breaks since 2017
Large Diameter	65
Small Diameter	3,730



Key Upcoming Projects	
Project Name	Benefit
60" Transmission Main Phase A	New 60" transmission main to help with current and future water demands throughout the County
PCCP Transmission Main Replacement Phase A (Glendale)	Replacement of deteriorated PCCP water transmission mains
Lavista Rd	Replacement of deteriorated cast iron water mains