

Board of Commissioners Consent Decree Information Sheet																																																					
Commissioner	District 5 – Mereda Davis Johnson																																																				
Report Date	April 2025																																																				
Collection System Overview																																																					
District 5 contains more than 480 miles of sanitary sewer gravity mains and about 14,300 manholes. Most flows from District 5 are treated by the Snapfinger and Pole Bridge Plants, with a portion of the flow treated by Gwinnett County. The County has completed assessment of the Priority Areas with the District and have identified about 57,000 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.																																																					
<div>Total Assessments Progress</div> <table><tr><th>Assessment Area</th><th>Total Length (LF)</th></tr><tr><td>Priority Areas</td><td>821,860</td></tr><tr><td>Complete</td><td>821,860</td></tr><tr><td>Other Areas</td><td>3,807,023</td></tr><tr><td>Complete</td><td>3,682,408</td></tr><tr><td>To Be Completed</td><td>124,615</td></tr><tr><td>Grand Total</td><td>4,628,883</td></tr></table>	Assessment Area	Total Length (LF)	Priority Areas	821,860	Complete	821,860	Other Areas	3,807,023	Complete	3,682,408	To Be Completed	124,615	Grand Total	4,628,883	<div>Assessments Completed by Type</div> <table><tr><th>Inspection Type</th><th>Total Length (LF) / Manhole Count</th></tr><tr><td>Priority Areas</td><td>821,860</td></tr><tr><td>Acoustic Inspection</td><td>340,903</td></tr><tr><td>CCTV Inspection</td><td>76,604</td></tr><tr><td>Manhole Condition Assessment</td><td>2,064</td></tr><tr><td>Sewer Cleaning</td><td>2,988</td></tr><tr><td>Smoke Testing</td><td>364,777</td></tr><tr><td>Sonar/TISCIT</td><td>34,523</td></tr><tr><td>Other Areas</td><td>3,807,023</td></tr><tr><td>Acoustic Inspection</td><td>1,490,616</td></tr><tr><td>CCTV Inspection</td><td>611,688</td></tr><tr><td>Lining</td><td>9,058</td></tr><tr><td>Manhole Condition Assessment</td><td>5,741</td></tr><tr><td>Point Repair</td><td>1,595</td></tr><tr><td>Sewer Cleaning</td><td>116,461</td></tr><tr><td>Smoke Testing</td><td>1,263,215</td></tr><tr><td>Sonar/TISCIT</td><td>308,645</td></tr><tr><td>Manhole Rehab / Replace</td><td>4</td></tr><tr><td>Grand Total</td><td>4,628,883</td></tr></table>	Inspection Type	Total Length (LF) / Manhole Count	Priority Areas	821,860	Acoustic Inspection	340,903	CCTV Inspection	76,604	Manhole Condition Assessment	2,064	Sewer Cleaning	2,988	Smoke Testing	364,777	Sonar/TISCIT	34,523	Other Areas	3,807,023	Acoustic Inspection	1,490,616	CCTV Inspection	611,688	Lining	9,058	Manhole Condition Assessment	5,741	Point Repair	1,595	Sewer Cleaning	116,461	Smoke Testing	1,263,215	Sonar/TISCIT	308,645	Manhole Rehab / Replace	4	Grand Total	4,628,883
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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 of 2025 only.

Countywide Q1-2025	Total	District 5 Q1-2025	Total
Cleaning (LFt)	86,735	Cleaning (LFt)	21,829
Easement Clearing (SqFt)	5,476,114	Easement Clearing (SqFt)	1,334,864
Root Control (LFt)	111,596	Root Control (LFt)	13,514
Grand Total	5,674,445	Grand Total	1,370,207

Priority Area Rehabilitation Progress

Priority Areas Progress

	Total Length (LF)
Contracted	135,765
Completed	88,756
In Progress	47,009
Not Contracted	1,970
In Progress	1,970
Grand Total	137,735

Rehabilitation Completed by Type

Rehabilitation Method	Total Length (LF)
Abandoned	2,816
Lining	76,932
Point Repair & Lining	151
Replacement	8,857
Grand Total	88,756

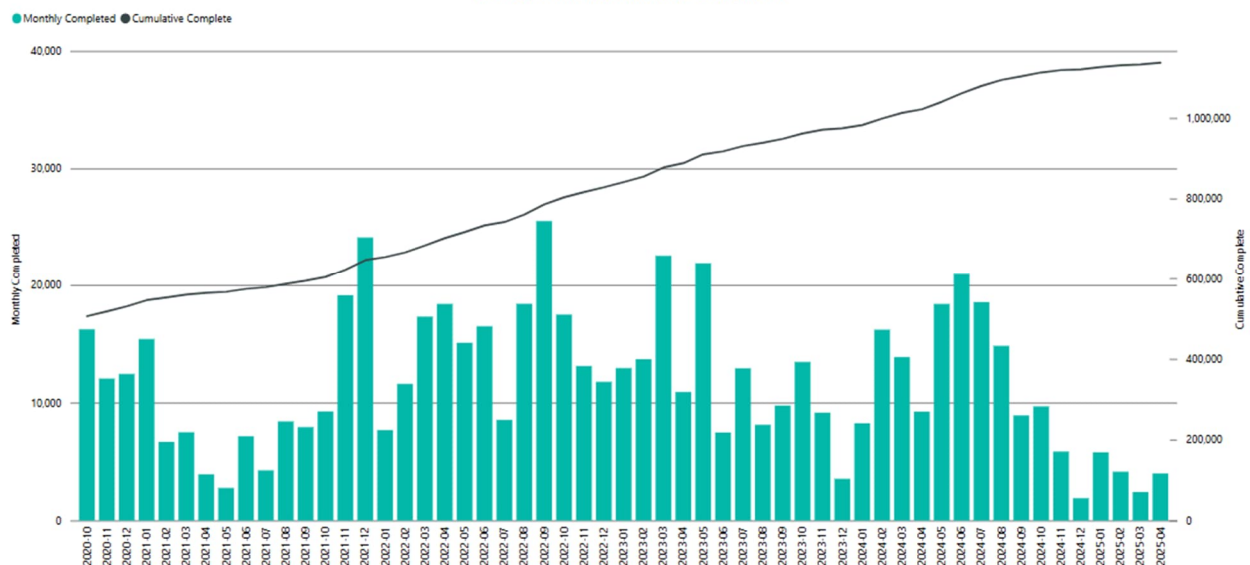
Lift Stations & Force Mains

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 5 has 33 lift stations and 97,500 LF of force main to ensure the proper collection of wastewater. All scheduled lift station rehabilitation in District 5 was completed by the end of 2019; routine maintenance is ongoing.

Overall PASARP Progress

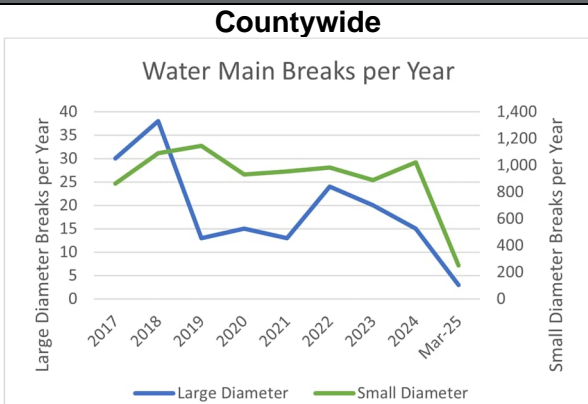
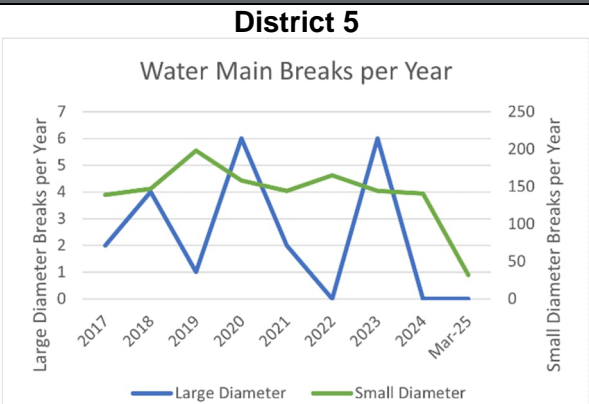
Countywide PASARP Completion Progress

Footage of Rehabilitation Completed



Board of Commissioners Water System Information Sheet																														
Commissioner		District 5 – Mereda Davis Johnson																												
Report Date		April 2025																												
Distribution System Overview																														
District 5 contains more than 655 miles of small diameter (less than 16”) water mains and more than 66 miles of large diameter (greater than 16”) water mains. The system in District 5 contains more than 5,900 fire hydrants to support fire protection efforts. There are 3 water tanks in District 5, two on Redan Road, and on Parkway Road. The tanks help to manage water pressure during periods of peak demand.																														
Small Diameter System Details																														
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Water Main Breaks Since 2017																														
	District 5 Breaks since 2017			Countywide Breaks since 2017																										
	Large Diameter	21		Large Diameter	171																									
	Small Diameter	1,268		Small Diameter	8,127																									

Water Main Breaks Since 2017



Key Upcoming Projects

Project Name	Benefit
Salem Rd Area Water Main Replacement	Replacement of deteriorated cast iron and asbestos cement water mains
Panola Rd Water Main Replacement	Replacement of deteriorated cast iron and asbestos cement water mains
Browns Mill Rd Water Main Replacement	Replacement of deteriorated cast iron and asbestos cement water mains