

Board of Commissioners Consent Decree Information Sheet	
Commissioner	District 1 – Robert Patrick
Report Date	April 2025
Collection System Overview	
District 1 contains more than 570 miles of sanitary sewer gravity mains and about 15,700 manholes. Most flows from District 1 are directed toward Atlanta's RM Clayton WRF. The County has completed assessment of the Priority Areas with the District and have identified about 210,000 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.	
Assessments Completed by Type	
Inspection Type	Total Length (LF) / Manhole Count
Priority Areas	1,535,544
Acoustic Inspection	467,822
CCTV Inspection	284,266
Manhole Condition Assessment	3,705
Point Repair	230
Sewer Cleaning	19,485
Smoke Testing	757,637
Sonar/TISCIT	2,400
Other Areas	4,573,600
Acoustic Inspection	1,224,095
CCTV Inspection	1,235,670
Lining	9,132
Manhole Condition Assessment	7,249
Point Repair	5,209
Sewer Cleaning	181,871
Smoke Testing	1,517,909
Sonar/TISCIT	392,453
Manhole Rehab / Replace	12
Grand Total	6,109,144

Total Assessments Progress	
Assessment Area	Total Length (LF)
Priority Areas	1,535,544
Complete	1,535,544
Other Areas	4,573,600
Complete	4,387,401
To Be Completed	186,199
Grand Total	6,109,144

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 1 – Q1-2025	Total
Cleaning (LFt)	86,735	Cleaning (LFt)	26,754
Easement Clearing (SqFt)	5,476,114	Easement Clearing (SqFt)	2,047,541
Root Control (LFt)	111,596	Root Control (LFt)	40,209
Grand Total	5,674,445	Grand Total	2,114,504

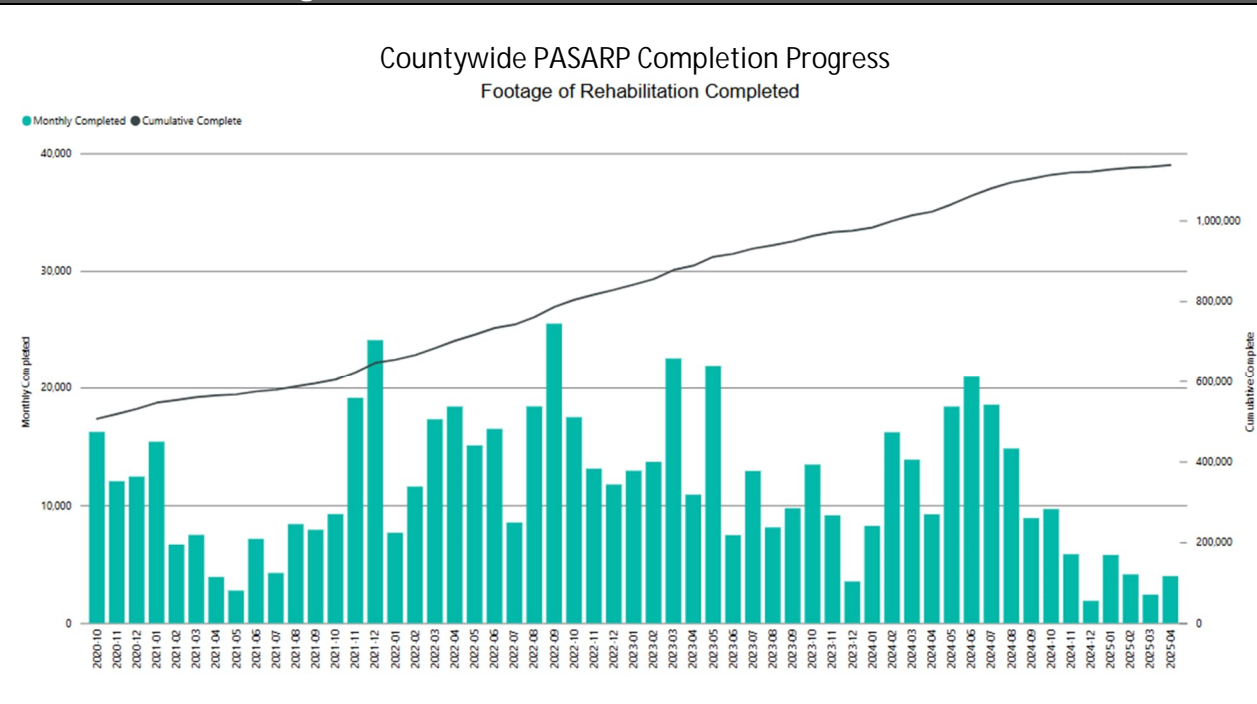
Priority Area Rehabilitation Progress

Priority Areas Progress		Rehabilitation Completed by Type	
	Total Length (LF)	Rehabilitation Method	Total Length (LF)
Contracted	240,200	Abandoned	301
Completed	187,444	Lining	167,919
In Progress	52,756	Point Repair	6,053
Not Contracted	6,215	Point Repair & Lining	544
In Progress	6,215	Replacement	12,627
Grand Total	246,415	Grand Total	187,444

Lift Stations & Force Mains

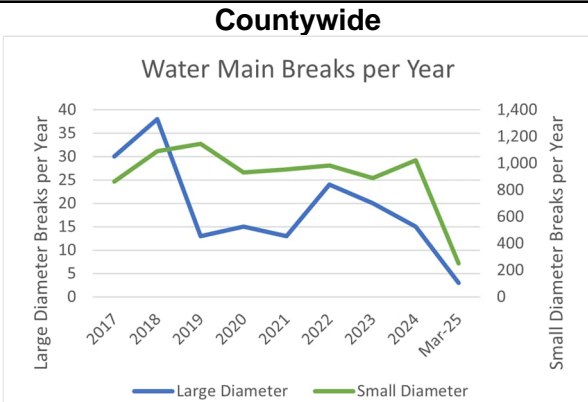
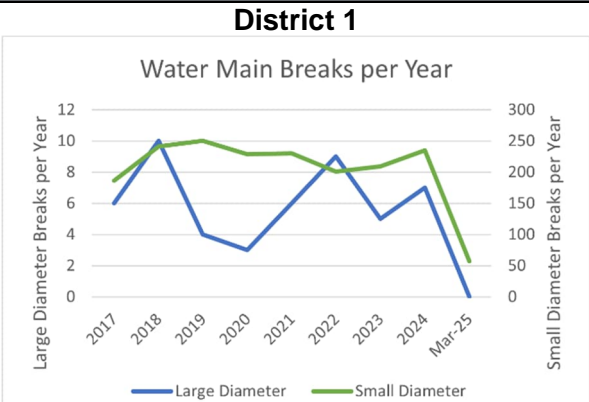
Sewer lift stations pump untreated wastewater via a force main from lower lying areas to areas that will allow for gravity flow of the wastewater to a treatment facility. District 1 has 15 lift stations and 27,000 LF of force main to ensure the proper collection of wastewater. All planned lift station rehabilitation was completed by the end of 2019.

Overall PASARP Progress



Board of Commissioners Water System Information Sheet																														
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Distribution System Overview																														
District 1 contains more than 592 miles of small diameter (less than 16”) water mains and more than 53 miles of large diameter (greater than 16”) water mains. The system in District 1 contains more than 5,100 fire hydrants to support fire protection efforts. District 1 is home to the Scott Candler Water Treatment Plant – the sole source of potable water for DeKalb County. There are a total of 8 water storage tanks in District 1 – 5 at the Scott Candler WTP, 2 in Dunwoody, and the ground storage tank in Tucker. These 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 1 Breaks since 2017		Countywide Breaks since 2017																												
Large Diameter	50	Large Diameter	171																											
Small Diameter	1,838	Small Diameter	8,127																											

Water Main Breaks Since 2017



Key Upcoming Projects

Project Name	Benefit
SCWTP Clearwells	Two new clearwells and associated pump station to add redundancy to plant operations
60" Transmission Main Phase A	New 60" transmission main to help with current and future water demands throughout the County
Peachtree Industrial Blvd 30" Transmission Main Replacement	Replacement of existing 30" transmission main experiencing frequent failures