

# Clean Water 2020 Program

## **CONSENT DECREE QUARTERLY REPORT**

July 1, 2025 – September 30, 2025



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## Section 1 Introduction

### 1.1 Summary of Reporting Requirements

On May 21, 2014, the City of Columbia (City) entered into a Consent Decree (CD) with the United States Environmental Protection Agency (EPA), the United States Department of Justice (DOJ) and the South Carolina Department of Health and Environmental Control (now known as the South Carolina Department of Environmental Services and hereinafter referred to as SCDES). To fulfill the reporting requirements as defined in Section IX.39.a of the CD, the City has prepared this *Quarterly Report* that includes the following information (as excerpted from the CD):

1. A description of all projects and activities conducted during the most recently completed calendar quarter to comply with the requirements of this Consent Decree, in Gantt chart or similar format. This description shall include completion percentages of early action capital improvement projects under Paragraph 10, continuing sewer assessments under the CSAP, and the subsequent remedial actions under the IR Report;
2. The date, time, location, source, duration, estimated volume, receiving water (if any), cause, and actions taken to repair or otherwise resolve the cause of all SSOs for the most recently completed quarter in a tabulated electronic format;
3. The anticipated projects and activities that will be performed in the next quarter to comply with the requirements of this Consent Decree, in Gantt chart or similar format;
4. Any additional information that demonstrates that Columbia is implementing the remedial measures required in this Consent Decree

### 1.2 Report Organization

This Quarterly Report is organized as follows:

#### **Section 1 – Introduction**

This section includes a summary of the reporting requirements and describes the report organization.

#### **Section 2 – Schedule of Projects and Activities**

This section addresses the requirements of Sections IX.39.a.(i) and IX.39.a.(iii) of the Consent Decree. The section includes the projects and activities conducted during the most recently completed calendar quarter to comply with the requirements of the CD as well as the anticipated projects and activities that will be performed in the next quarter to comply with the requirements of the CD. A Gantt chart schedule of these activities is provided and includes completion percentages of remedial actions under the IR Report, as applicable.

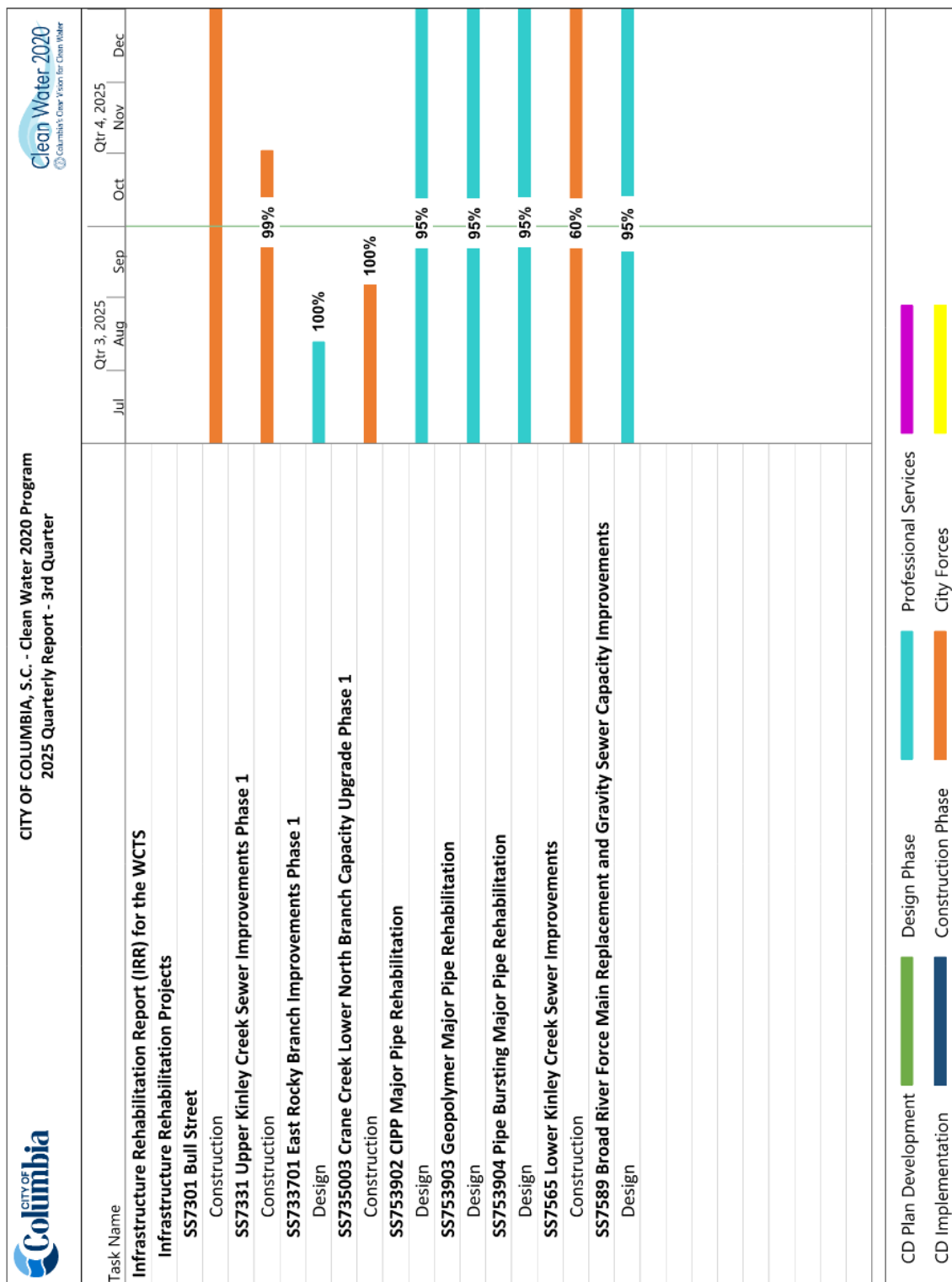
**Section 3 – Additional Information Demonstrating Implementation of Consent Decree Requirements**

This section addresses the requirements of Section IX.39.a.(iv) of the Consent Decree and includes additional information that demonstrates that Columbia is implementing the remedial measures required in the CD. Information supplemental to that which is provided in Section 2 is provided in this section.

**Section 4 – Quarterly SSO Report**

This section addresses the requirements of Section IX.39.a.(ii) of the Consent Decree and provides a tabular listing of sanitary sewer overflows (SSOs). The table includes the date, time, location, source, duration, estimated volume, receiving water (if any), cause, and actions taken to repair or otherwise resolve the cause of all SSOs that occurred during the most recently completed calendar quarter.

# Section 2 Schedule of Projects and Activities







CITY OF COLUMBIA		CITY OF COLUMBIA, S.C. - Clean Water 2020 Program 2025 Quarterly Report - 3rd Quarter		Clean Water 2020 Columbia's Clear Vision for Clean Water			
Task Name	Phase	Qtr 3, 2025			Qtr 4, 2025		
		Jul	Aug	Sep	Oct	Nov	Dec
<b>Additional Projects</b>							
SS7562 Gills Creek Relief Sewer Phase 1	Design			90%			
SS7568 Saluda River Force Main Extension Phase 1	Construction		100%				
SS7568 Saluda River Force Main Extension Phase 2	Design			60%			

CD Plan Development	Design Phase	Professional Services
CD Implementation	Construction Phase	City Forces

## Section 3 Additional Information

### Demonstrating Implementation of Consent Decree Requirements

In accordance with Section IX.39.a.(iv) of the CD, the following section provides additional information that demonstrates that the City is implementing the remedial measures required in the CD.

#### 3.1 Capacity Assurance Program

In accordance with the requirements of Paragraph V.12.e of the CD, the City is to submit to EPA and SCDES for review, comment, and approval a Capacity Assurance Program (CAP). The CAP was submitted to EPA and SCDES on September 30, 2024. The City is awaiting EPA and SCDES review and approval of the CAP.

#### 3.2 Infrastructure Rehabilitation Report (IRR) for the WCTS

In accordance with Section V.16 of the CD, the City shall submit an Infrastructure Rehabilitation Report (IRR) summarizing the results of the CSAP of the major components of the WCTS and a description of proposed rehabilitation projects. The IRR was submitted to EPA and SCDES on November 22, 2019. The City received final approval of the IRR from EPA and SCDES on March 18, 2025.

Completion percentages of IRR-required projects currently in progress are below. The list omits projects previously included in past Quarterly Reports which were identified in the normal course of operations and maintenance but are not required by the IRR.

- SS7301 Bull Street – Construction in Progress; a completion percentage cannot be provided due to a varying scope of work and timeline for this project.
- SS7331 Upper Kinley Creek Sewer Improvements Phase 1 – Construction 99% Complete
- SS733701 East Rocky Branch Improvements Phase 1 – Design 100% Complete
- SS735003 Crane Creek Lower North Branch Capacity Upgrade Phase 1 – Construction 100% Complete
- SS753902 CIPP Major Pipe Rehabilitation – Design 95% Complete
- SS753903 Geopolymer Major Pipe Rehabilitation – Design 95% Complete
- SS753904 Pipe Bursting Major Pipe Rehabilitation – Design 95% Complete
- SS7565 Lower Kinley Creek Sewer Improvements – Construction 60% Complete
- SS7589 Broad River Force Main Replacement and Gravity Sewer Capacity Improvements – Design 95% Complete

### 3.3 Supplemental Infrastructure Rehabilitation Report (SIRR) for the WCTS

In accordance with Section V.16.c of the CD, the City shall submit a Supplemental Infrastructure Rehabilitation Report (SIRR) which shall update all portions of the IRR to reflect additional information developed by the City through completion of the CSAP of the minor components of the WCTS. The SIRR was submitted to EPA and SCDES on November 22, 2022. The City received final approval of the SIRR from EPA and SCDES on March 18, 2025.

Completion percentages of SIRR-required projects currently in progress are below. The listing omits projects previously included in past Quarterly Reports which were identified in the normal course of operations and maintenance but are not required by the SIRR.

- SS6786 Annual Gravity Sewer Manhole Lining and Replacement – FY2024 Construction 95% Complete
- SS6786 Annual Gravity Sewer Manhole Lining and Replacement – FY2025 Construction 90% Complete
- SS6786 Annual Gravity Sewer Manhole Lining and Replacement – FY2026 Construction 0% Complete
- SS6911 Sanitary Sewer Root Control – FY2026 Construction 50% Complete
- SS6966 Annual Rehab on Lines less than 15" – FY2026 Construction 10% Complete
- SS7437 Miscellaneous Lift Station Improvements and Backup Power Addition – Construction 85% Complete
- SS7462 Investigation of Crockett Road, Atlas Road and Versch Lock Lift Stations – Design 90% Complete
- SS7463 Sewer System Evaluation Study and Sewer Rehabilitation Implementation CC01 – Construction 5% Complete
- SS7464 Sewer System Evaluation Study and Sewer Rehabilitation Implementation CC02 and CC04 – Construction 99% Complete
- SS7497 Mill Creek PS Miscellaneous Improvements – Design 100% Complete
- SS7554 Harbison #4 Pump Station Improvements and Force Main Replacement – Design 30% Complete
- SS7583 SR02 and BR04 Engineer Led Find and Fix Rehabilitation – Construction 100% Complete
- SS7604 Continuing Sewer Assessment Program Preventative Maintenance – FY2025 Construction 85% Complete
- SS7604 Continuing Sewer Assessment Program Preventative Maintenance – FY2026 Construction 10% Complete
- SS7657 Colonial Life Force Main Replacement – Design 0% Complete

### 3.4 Additional Projects

At the request of EPA, the City is providing progress updates on the following four Additional Projects:

- SS733701 East Rocky Branch Improvements Phase 1
- SS7589 Broad River Force Main Replacement and Gravity Sewer Capacity Improvements
- SS7562 Gills Creek Relief Sewer Phase 1
- SS7568 Saluda River Force Main Extension (Phases 1 & 2)

Completion percentages of these projects are as follows:

- SS733701 East Rocky Branch Improvements Phase 1 – Design 100% Complete
- SS7589 Broad River Force Main Replacement and Gravity Sewer Capacity Improvements – Design 95% Complete
- SS7562 Gills Creek Relief Sewer Phase 1 – Design 90% Complete
- SS7568 Saluda River Force Main Extension Phase 1 – Construction 100% Complete as of March 6, 2025
- SS7568 Saluda River Force Main Extension Phase 2 – Design 60% Complete

## Section 4 Quarterly SSO Report

In accordance with Section IX.39.a.(ii) of the CD, the City is to provide a list of all SSOs that occurred during the reporting period in a tabular format along with information on the date, time, location, source, duration, estimated volume, receiving water, cause, and actions taken to resolve the SSO.

**Table 1 – SSO Report, 3<sup>rd</sup> Quarter 2025**

City of Columbia, SC Quarterly SSO Listing 3rd Quarter 2025									
Date	Time	Location	Source	Date of Corrective Action	Time of Corrective Action	Estimated Volume (gallons)	Receiving Water (if any)	Cause	Actions Taken
7/8/2025	14:45	1741 Shivers Rd, Columbia, SC 29210	Manhole	7/10/2025	12:00	4615	Unnamed Tributary Feeding Broad River	Roots	Washed Main Line To Remove Stoppage And Resume Normal Flow. Main Line Repair.
7/11/2025	13:35	324 Bertha Ave, Columbia, SC 29203	Cleanout	7/16/2025	19:45	19	Ditch	3rd Party Responsibility	Washed Service Line To Remove Stoppage And Resume Normal Flow. Service Lateral Point Repair.
7/13/2025	09:20	169 Brook Pines Dr, Columbia, SC 29210	Cleanout	7/29/2025	14:30	300	Storm Drain	Roots	Washed Service Line To Remove Stoppage And Resume Normal Flow. Service Lateral Point Repair.
7/14/2025	21:42	129 Old Arms Ct, Columbia, SC 29212	Manhole	8/19/2025	11:56	673	Rawis Creek	Roots	Washed Main Line To Remove Stoppage And Resume Normal Flow. Being Treated For Root Control By Contractor.
7/17/2025	09:30	1400 Wayne St, Columbia, SC 29201	Manhole	7/19/2025	12:00	3000	Storm Drain	Collapsed Line	Washed Main Line To Remove Stoppage And Resume Normal Flow. Main Line Repair and Manhole Replacement.
7/17/2025	19:52	2220 Hertford Dr, Columbia, SC 29210	Manhole	7/18/2025	15:00	100		3rd Party Responsibility	Washed Main Line To Remove Stoppage And Resume Normal Flow. Service Lateral Point Repair.
7/21/2025	18:00	313 Regatta Rd, Columbia, SC 29212	Other	7/22/2025	15:00	5755	Storm Drain Feeding Lake Murray	Collapsed Line	Force Main Service Line Repair.
7/27/2025	15:00	2400 Devine St, Columbia, SC 29205	Other	8/11/2025	15:00	13		Collapsed Line	Washed Service Line To Remove Stoppage And Resume Normal Flow. Service Lateral Point Repair.
7/29/2025	13:00	1927 Cedarbrook Dr, Columbia, SC 29212	Cleanout	8/4/2025	13:30	20	Creek	Roots	Washed Service Line To Remove Stoppage And Resume Normal Flow. Service Lateral CIPP.
8/5/2025	18:24	108 Northman Dr, Columbia, SC 29210	Cleanout	N/A		140	Storm Drain	Wet Weather	Wet Weather - Observation Only.
8/8/2025	12:45	1221 Bower Pkwy, #103, Columbia, SC 29212	Manhole	8/19/2025	13:00	750	Storm Drain	Collapsed Line	Washed Main Line To Remove Stoppage And Resume Normal Flow. Manhole Repair.
8/9/2025	14:30	3026 Gervais St, Columbia, SC 29204	Manhole	TBD		30		Roots	Washed Main Line To Remove Stoppage And Resume Normal Flow. Main Line Inspection and Repair To Be Done.
8/12/2025	13:45	2218 Liberty St, Columbia, SC 29203	Cleanout	8/12/2025	13:55	4		Debris	Washed Service Line To Remove Stoppage And Resume Normal Flow.
8/15/2025	10:40	2018 Heidt St, Columbia, SC 29204	Cleanout	9/9/2025	15:30	10		Collapsed Line	Washed Service Line To Remove Stoppage And Resume Normal Flow. Service Lateral Point Repair.
8/18/2025	05:45	1200 Simmon Tree Lane, Columbia, SC 29201	Train 2 Daft Wet Well	8/18/2025	08:00	118		Treatment Plant	Bypass Pump Cycled And Stopped. Repositioned Hose From Bypass Pump.
8/21/2025	10:15	1737 Carousel Cir, Columbia, SC 29203	Cleanout	8/21/2025	10:35	7		Debris	Washed Service Line To Remove Stoppage And Resume Normal Flow.
8/25/2025	12:00	212 Linsbury Cir, Columbia, SC 29210	Manhole	8/25/2025	12:30	845		Debris	Washed Main Line To Remove Stoppage And Resume Normal Flow.
8/26/2025	11:39	317 W Miriam Ave, Columbia, SC 29203	Manhole	9/11/2025	15:30	70	Storm Drain	Collapsed Line	Washed Main Line To Remove Stoppage And Resume Normal Flow. Main Line Repair.
8/31/2025	21:05	196 Upper Wing Trl, Blythewood, SC 29016	Manhole	9/2/2025	15:00	491	Storm Drain	Debris	Washed Main Line To Remove Stoppage And Resume Normal Flow.
9/2/2025	16:11	1409 Waterbrook Dr, Columbia, SC 29212	Cleanout	9/15/2025	16:15	28		Collapsed Line	Washed Service Line To Remove Stoppage And Resume Normal Flow. Service Lateral Point Repair.
9/10/2025	13:15	1325 Heidt St, Columbia, SC 29204	Cleanout	9/24/2025	13:30	3		Roots	Root Cut Service Line To Remove Stoppage And Resume Normal Flow. Service Lateral CIPP.
9/10/2025	17:17	3001 Cliffside Dr, Columbia, SC 29209	Cleanout	9/10/2025	17:45	38		Grease	Washed Service Line To Remove Stoppage And Resume Normal Flow.
9/12/2025	14:15	1009 Heidt St, Columbia, SC 29205	Cleanout	9/12/2025	14:30	23		Grease	Washed Service Line And Added Degreaser to Line To Remove Stoppage And Resume Normal Flow.
9/16/2025	13:30	401 Columbiana Dr, Columbia, SC 29212	Cleanout	9/16/2025	13:45	30		Grease	Washed Service Line And Added Degreaser to Line To Remove Stoppage And Resume Normal Flow.

City of Columbia, SC Quarterly SSO Listing 3rd Quarter 2025									
Date	Time	Location	Source	Date of Corrective Action	Time of Corrective Action	Estimated Volume (gallons)	Receiving Water (if any)	Cause	Actions Taken
9/18/2025	16:30	511 Alcott Dr, Columbia, SC 29203	Cleanout	9/19/2025	14:20	1065	Storm Drain	Debris	Washed Main Line To Remove Stoppage And Resume Normal Flow.
9/19/2025	11:10	2012 Harden St, Columbia, SC 29204	Manhole	9/19/2025	11:20	50	Storm Drain	Debris	Washed Main Line To Remove Stoppage And Resume Normal Flow.
9/20/2025	10:23	1600 Garner Ln, Columbia, SC 29210	Manhole	9/24/2025	14:00	1000	Broad River	Collapsed Line	Manhole Repair. Worked With Contractor From Downstream Construction Project To Regulate Pump Station Bypass. The Down Stream Bypass Did Contribute To Surcharge Leading To Seal Failure.
9/22/2025	18:50	317 Regatta Rd, Columbia, SC 29212	Other	9/23/2025	15:00	4570	Storm Drain	Collapsed Line	Hydroexcavation And Shut Off Valve To Stop Sewer. Emergency Service Lateral Point Repair.
9/22/2025	12:00	1016 Peachwood Dr, Columbia, SC 29203	Manhole	TBD		2250	Crane Creek	Collapsed Line	Washed Main Line To Remove Stoppage And Resume Normal Flow. Main Line Repair To Be Done.
9/22/2025	22:00	749 Vernon St, Columbia, SC 29203	Cleanout	9/30/2025	13:00	100		Roots	Root Cut Service Line To Remove Stoppage And Resume Normal Flow. Service Lateral Point Repair.
9/23/2025	11:30	1311 Lyon St, Columbia, SC 29204	Manhole	9/23/2025	12:00	1070		Debris	Washed Main Line To Remove Stoppage And Resume Normal Flow.
9/25/2025	20:45	700 N Highland Forest Dr, Columbia, SC 29203	Cleanout	TBD		1299	Crane Creek	Collapsed Line	Washed Service Line To Remove Stoppage And Resume Normal Flow. Service Line CIPP Repair To Be Done.
9/28/2025	20:30	302 Crockett Rd, Columbia, SC 29212	Force Main	9/30/25	14:30	4036	Lake Murray	Collapsed Line	Made Embankment To Contain Spill Until Repair Was Completed. Force Main Repair.
9/30/2025	10:00	3001 Cliffside Dr, Columbia, SC 29209	Cleanout	TBD		49		Collapsed Line	Washed Service Line To Remove Stoppage And Resume Normal Flow. Service Lateral Point Repair To Be Done.

As noted in Section IV.8.a of the CD, a Building Backup is defined as a release of wastewater into a building or onto private property that is caused by blockages, flow conditions, or other malfunctions in the WCTS.

Separate from the SSO listing provided in Table 1 above, the following table identifies building backups within the City’s system for the current reporting period.

**Table 2 – Building Backup Report, 3<sup>rd</sup> Quarter 2025**

City of Columbia, SC Quarterly Building Backup Listing 3rd Quarter 2025									
Date	Time	Location	Source	Date of Corrective Action	Time of Corrective Action	Estimated Volume (gallons)	Receiving Water (if any)	Cause	Actions Taken
8/5/2025	14:25	42 Old Friars Rd, Columbia, SC 29210	City	N/A		1007		Wet Weather	Wet Weather - Observation Only. Gave Homeowner Number For Claims.
8/26/2025	00:09	116 Harden St, Columbia, SC 29205	City	8/27/2025	19:00	249		Collapsed Line	Televised Service Line To Find Collapsed Line. Service Lateral Point Repair.
9/18/2025	19:15	317 Stirlington Rd, Columbia, SC 29212	City	N/A		1		3rd Party Responsibility	N/A
9/30/2025	16:45	220 Broken Hill Rd, Columbia, SC 29212	City	N/A		1		3rd Party Responsibility	N/A