

Clean Water 2020 Program

CONSENT DECREE QUARTERLY REPORT

January 1, 2025 – March 31, 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

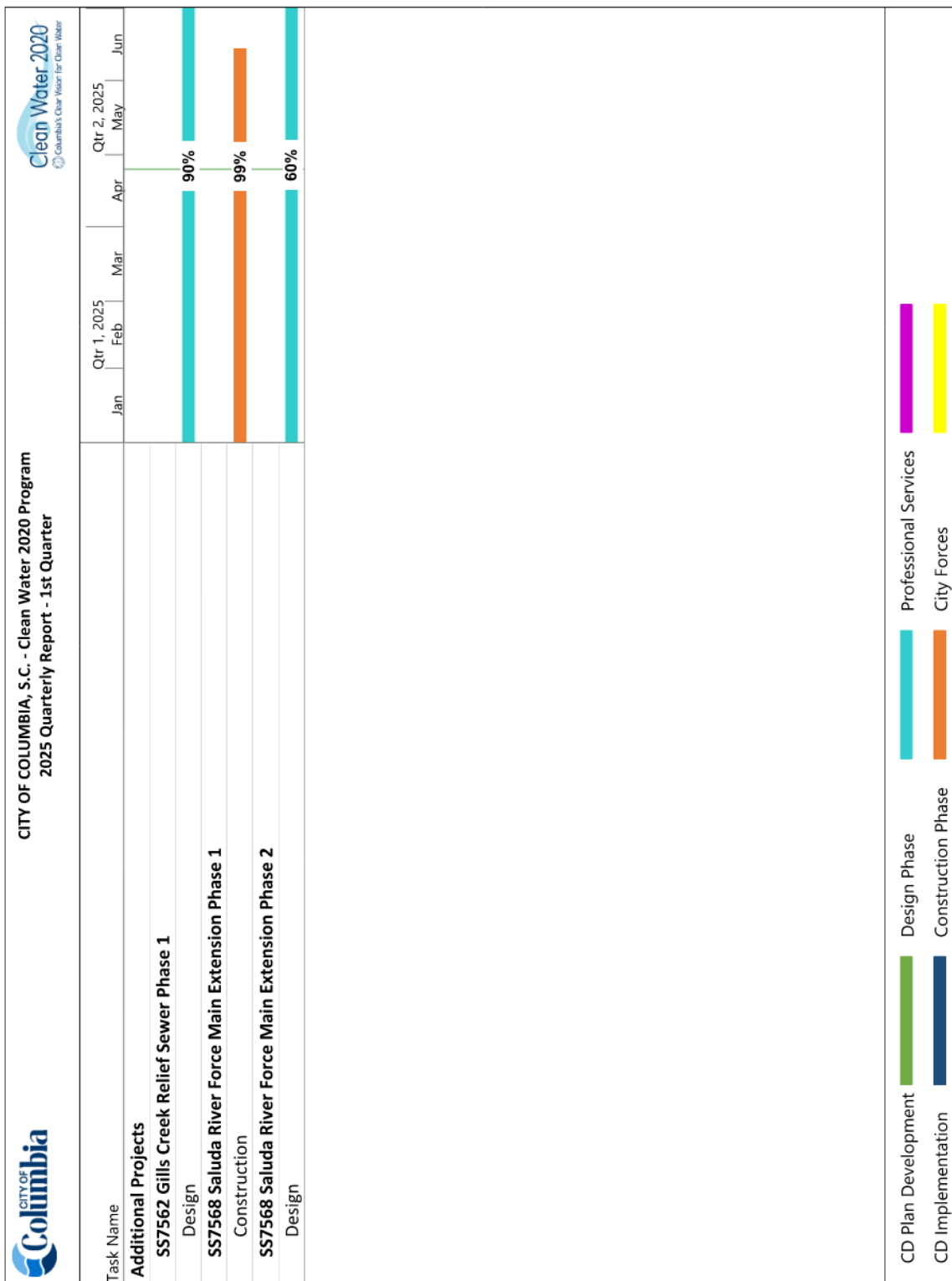
This section addresses the requirements of Section IX.39.a.(ii) of the Consent Decree and provides a tabular listing of sanitary sewer overflows (SSOs). The table includes the date, time, location, source, duration, estimated volume, receiving water (if any), cause, and actions taken to repair or otherwise 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, S.C. - Clean Water 2020 Program 2025 Quarterly Report - 1st Quarter		Clean Water 2020 Columbia's Clear Water for Clean Water					
Task Name	Jan	Feb	Mar	Apr	May	Jun	
Infrastructure Rehabilitation Report (IRR) for the WCTS							
Infrastructure Rehabilitation Projects							
SS7301 Bull Street							
Construction							
SS7331 Upper Kinley Creek Sewer Improvements Phase 1			99%				
Construction							
SS73701 East Rocky Branch Improvements Phase 1			95%				
Design							
SS735003 Crane Creek Lower North Branch Capacity Upgrade Phase 1			98%				
Construction							
SS7450 Crane Creek Lower North Branch Capacity Upgrade Phase 2			100%				
Construction							
SS753902 CIPP Major Pipe Rehabilitation			95%				
Design							
SS753903 Geopolymer Major Pipe Rehabilitation			95%				
Design							
SS753904 Pipe Bursting Major Pipe Rehabilitation			95%				
Design							
SS7565 Lower Kinley Creek Sewer Improvements			20%				
Construction							
SS7589 Broad River Force Main Replacement and Gravity Sewer Capacity Improvements			95%				
Design							
Supplemental IR Report							
Supplemental Infrastructure Rehabilitation Projects							
SS6786 Annual Gravity Sewer Manhole Lining and Replacement - FY2024							
Construction							
SS6786 Annual Gravity Sewer Manhole Lining and Replacement - FY2025							
Construction							

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 95% Complete
- SS735003 Crane Creek Lower North Branch Capacity Upgrade Phase 1 – Construction 98% Complete
- SS7450 Crane Creek Lower North Branch Capacity Upgrade Phase 2 – 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 20% Complete
- SS7589 Broad River Force Main Replacement and Gravity Sewer Capacity Improvements – Design 95% Complete

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 70% Complete
- SS6786 Annual Gravity Sewer Manhole Lining and Replacement – FY2025 Construction 50% Complete
- SS6911 Sanitary Sewer Root Control – FY2025 Construction 90% Complete
- SS6966 Annual Rehab on Lines less than 15" – FY2025 Construction 40% Complete
- SS7435 Wexford and Windsong Lift Stations Evaluation and Rehabilitation Project – Construction 90% Complete
- SS7437 Miscellaneous Lift Station Improvements and Backup Power Addition – Construction 50% Complete
- SS7462 Investigation of Crockett Road, Atlas Road and Versch Lock Lift Stations – Design 85% Complete
- SS7464 Sewer System Evaluation Study and Sewer Rehabilitation Implementation CC02 and CC04 – Construction 75% Complete
- SS7467 North Columbia Pump Station Upgrade – Construction 100% Complete
- SS7497 Mill Creek PS Miscellaneous Improvements – Design 99% Complete
- SS7554 Harbison #4 Pump Station Improvements and Force Main Replacement – Design 30% Complete
- SS7564 West Columbia Pump Station Improvements – Construction 100% Complete
- SS7583 SR02 and BR04 Engineer Led Find and Fix Rehabilitation – Construction 99% Complete
- SS7604 Continuing Sewer Assessment Program Preventative Maintenance – FY2025 Construction 20% Complete
- SS7657 Colonial Life Force Main Replacement – Design 0% Complete

3.3 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

Completion percentages of these projects are as follows:

- SS7562 Gills Creek Relief Sewer Phase 1 – Design 90% Complete
- SS7568 Saluda River Force Main Extension Phase 1 – Construction 99% Complete
- 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, 1st Quarter 2025

City of Columbia, SC Quarterly SSO Listing 1st Quarter 2025									
Date	Time	Location	Source	Date of Corrective Action	Time of Corrective Action	Estimated Volume (gallons)	Receiving Water (if any)	Cause	Actions Taken
1/8/2025	16:30	3329 Margrave Rd, Columbia, SC 29203	Cleanout	1/31/2025	14:30	15		Roots	Washed Service Line To Remove Stoppage And Resume Normal Flow. Service Lateral CIPP.
1/21/2025	15:30	906 Rosedale Arch, Columbia, SC 29203	Manhole	1/21/2025	15:30	60	Storm Drain	Debris	Washed Main Line To Remove Stoppage And Resume Normal Flow.
1/24/2025	15:30	520 Woodrow St, Columbia, SC 29205	Cleanout	2/18/2025	14:00	13		Roots	Root Cut Service Line To Remove Stoppage And Resume Normal Flow. Service Lateral CIPP.
1/28/2025	13:00	1745 Sumter St, Columbia, SC 29201	Cleanout	TBD		40	Storm Drain	Roots	Washed Main Line To Remove Stoppage And Resume Normal Flow. Main Line Cipp Point Repair (Kit) To Be Done.
1/29/2025	13:15	1401 Longcreek Dr, Columbia, SC 29210	Manhole	TBD		45	Storm Drain	Collapsed Line	Washed Main Line To Remove Stoppage And Resume Normal Flow. Main Line Repair To Be Done.
1/31/2025	14:15	1907 Henderson St, Columbia, SC 29201	Cleanout	2/20/2025	14:30	137	Storm Drain	Collapsed Line	Washed Service Line To Remove Stoppage And Resume Normal Flow. Service Lateral Point Repair.
1/31/2025	15:11	228 Lakeridge Pkwy, Columbia, SC 29203	Manhole	1/31/2025	16:40	48694	Swamp	Debris	Washed Main Line To Remove Stoppage And Resume Normal Flow.
2/2/2025	11:15	231 Sheringham Rd, Columbia, SC 29212	Manhole	2/19/2025	15:00	675	Pond	Roots	Washed Main Line To Remove Stoppage And Resume Normal Flow. Manhole Cleaned.
2/3/2025	16:08	113 Hickory Forest Dr, Columbia, SC 29209	Manhole	2/3/2025	17:00	113	Storm Ditch	Debris	Washed Main Line To Remove Stoppage And Resume Normal Flow.
2/4/2025	19:42	229 Tabor Dr, Columbia, SC 29203	Cleanout	2/4/2025	21:00	449		Debris	Washed Service Line To Remove Stoppage And Resume Normal Flow.
2/9/2025	13:15	106 Berwick Ct, Columbia, SC 29212	Manhole	2/9/2025	15:00	497		Grease	Washed Main Line To Remove Stoppage And Resume Normal Flow.
2/10/2025	14:05	799 Woodland Dr, Columbia, SC 29205	Manhole	2/12/2025	12:00	132	Storm Drain	Debris	Checked Manholes In Area But All Were Flowing. Main Line Washed.
2/10/2025	16:00	9 Shadowcreek Ct, Columbia, SC 29209	Manhole	3/4/2025	15:00	23		Collapsed Line	Washed Main Line To Remove Stoppage And Resume Normal Flow. Main Line Repair.
2/19/2025	11:25	2761 The Blvd, Columbia, SC 29209	Manhole	TBD		199	Storm Drain	Collapsed Line	Washed Main Line To Remove Stoppage And Resume Normal Flow. Main Line Repair And Main Line Kit To Be Done.
2/22/2025	17:40	1104 Slash Pine Ln, Columbia, SC 29203	Cleanout	3/13/2025	14:30	541		Roots	Washed Service Line To Remove Stoppage And Resume Normal Flow. Main Line Repair.
2/23/2025	08:30	1104 Slash Pine Ln, Columbia, SC 29203	Cleanout	3/13/2025	14:30	1140		Roots	Washed Main Line To Remove Stoppage And Resume Normal Flow. Main Line Repair.
2/26/2025	16:30	1122 King St, Columbia, SC 29205	Cleanout	2/27/2025	15:00	80		Collapsed Line	Washed Service Line To Remove Stoppage And Resume Normal Flow. Service Line Tap Repair.
2/27/2025	10:45	2703 Magnolia St, Columbia, SC 29204	Cleanout	3/1/2025	12:00	10		Collapsed Line	Washed Service Line To Remove Stoppage And Resume Normal Flow. Service Line Point Repair.
3/3/2025	18:45	701 Barnes St, Columbia, SC 29201	Cleanout	TBD		23		Roots	Root Cut Service Line To Remove Stoppage And Resume Normal Flow. Service Lateral Top Hat Liner To Be Done.
3/5/2025	13:30	905 Craven St, Columbia, SC 29203	Manhole	3/5/2025	15:00	7500	Storm Drain	Debris	Washed Main Line To Remove Stoppage And Resume Normal Flow.
3/5/2025	15:05	1530 Wheat St, Columbia, SC 29201	Other	3/6/2025	11:32	100	Storm Drain Into Rocky Branch	Debris	Washed Main Line To Remove Stoppage And Resume Normal Flow.
3/7/2025	13:10	1800 Gary St, Columbia, SC 29203	Manhole	3/7/2025	17:00	1300		Grease	Washed Main Line To Remove Stoppage And Resume Normal Flow.
3/7/2025	14:30	1600 Williams St, Columbia, SC 29201	Other	3/11/2025	15:00	750	Storm Drain	Collapsed Line	Washed Main Line To Remove Stoppage And Resume Normal Flow. Emergency Main Line Repair.
3/10/2025	10:00	5310 Colonial Dr, Columbia, SC 29203	Cleanout	3/10/2025	10:10	34		Debris	Washed Service Line To Remove Stoppage And Resume Normal Flow.

City of Columbia, SC Quarterly SSO Listing 1st Quarter 2025									
Date	Time	Location	Source	Date of Corrective Action	Time of Corrective Action	Estimated Volume (gallons)	Receiving Water (if any)	Cause	Actions Taken
3/11/2025	18:24	198 Brookland Cir, Columbia, SC 29204	Manhole	TBD		448	Storm Drain	Debris	Washed Main Line To Remove Stoppage And Resume Normal Flow. Manhole Repair To Be Done.
3/12/2025	10:30	200 Saluda River Rd, Columbia, SC 29210	Manhole	3/12/2025	11:30	175	Storm Drain	Grease	Washed Main Line To Remove Stoppage And Resume Normal Flow.
3/17/2025	19:19	1800 Greene St, Columbia, SC 29201	Other	3/17/2025	19:30	1925		Debris	Washed Service Line To Remove Stoppage And Resume Normal Flow.
3/18/2025	10:45	1051 Southern Dr, Columbia, SC 29201	Manhole	3/18/2025	13:45	208		Grease	Washed Main Line To Remove Stoppage And Resume Normal Flow.
3/20/2025	15:40	4352 Brookridge Dr, Columbia, SC 29203	Cleanout	3/20/2025	16:00	32	Storm Drain	Grease	Washed Main Line To Remove Stoppage And Resume Normal Flow.
3/23/2025	12:15	1311 Victory St, Columbia, SC 29204	Other	4/1/2025	14:30	50	Storm Drain	Collapsed Line	Washed Service Line To Remove Stoppage And Resume Normal Flow. Service Lateral Point Repair.
3/24/2025	17:00	308 Briercliff Dr, Columbia, SC 29203	Cleanout	TBD		7		Collapsed Line	Washed Service Line To Remove Stoppage And Resume Normal Flow. Service Lateral Point Repair To Be Done.
3/25/2025	15:36	227 Lincreek Dr, Columbia, SC 29212	Manhole	3/25/2025	17:30	299	Storm Ditch	Debris	Washed Main Line To Remove Stoppage And Resume Normal Flow.

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.

No building backups were identified within the City’s system for the current reporting period.