



REGION 4

ATLANTA, GA 30303

ELECTRONIC MAIL
CONFIRMATION OF RECEIPT EMAIL REQUESTED

Clint Shealy
Assistant City Manager
City of Columbia, SC
300 Laurel Street
Columbia, South Carolina 29201
Email: clint.shealy@columbiasc.gov

Re: Infrastructure Rehabilitation Report/Supplemental Rehabilitation Report
City of Columbia Consent Decree
Civil Action No.: 3:13-cv-02429-TLW
DOJ Case Number 90-5-1-1-09

Dear Clint Shealy:

The U.S. Environmental Protection Agency, Region 4 have reviewed City of Columbia's Infrastructure Rehabilitation Report dated November 2019 and the Supplemental Rehabilitation Report dated November 2022 (the "IRR/SIRR") submitted pursuant to Paragraph 16 of the Consent Decree (CD), as well as supporting emails and documents submitted to the EPA between December 2023 and June 2024. Various project names, nomenclatures, and descriptions were identified as a result of the review and is summarized in Attachments 1 and 2. Attachment 1 shall be added to the IRR and Attachment 2 shall be added to the SIRR. Attachments 1 and 2 are hereby integrated into the IRR/SIRR as Revision 1 addendums. Upon consultation with and concurrence from the South Carolina Department of Environmental Services, the EPA hereby approves the IRR/SIRR with Revision 1 addendums.

Pursuant to Paragraph 20 of the CD, the IRR/SIRR with Revision 1 are hereby incorporated into and become enforceable under this CD. Please contact Dennis Sayre at (404) 562-9756 or via email at sayre.dennis@epa.gov and Adrienne Wright via email at adrienne.wright@des.sc.gov, should you have any questions regarding this matter.

Sincerely,

JAIRO
CASTILLO

Jairo Castillo, P.E., Chief
Wastewater Enforcement Section
Water Enforcement Branch

Digitally signed by JAIRO
CASTILLO
Date: 2025.03.18 11:27:43
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Attachments:

1. Infrastructure Rehabilitation Report Revision 1, March 2025
2. Supplemental Infrastructure Rehabilitation Report Revision 1, March 2025

cc: Lorria Caswell
South Carolina Department of Environmental Services
lorria.caswell@des.sc.gov

Adrienne Wright
South Carolina Department of Environmental Services
adrienne.wright@des.sc.gov

Peter Krzywicki
U.S. Department of Justice
peter.krzywicki@usdoj.gov

Attachment 1

Revision 1 - IRR Project Names (March 2025)

IRR Project Name (November 2019)	Referenced IRR Tables	Revised Project(s) Currently Proposed to Address IRR High Priority Assets (November 2024)
SS6954 – 48” Sanitary Sewer Interceptor Along Crane Creek and Broad River	2-4, 5-2, 5-5	No Change
SS7261 – Lake Katherine Sewer Line Capacity Enhancement	2-4, 5-2, 5-5	No Change
SS733701 – East Rocky Branch Improvements Phase 1	2-5, 2-7, 2-8, 5-3, 5-5	No Change
SS733702 – East Rocky Branch Improvements Phase 2	2-5, 2-7, 2-8, 5-3, 5-5	No Change
SS7076 – 30" Gravity Sewer from Burnside #1 Pump Station to Bluff Road and I-77	2-5, 5-3, 5-5	No Change
Proposed Lower Gills Creek Sewer Improvements	2-5, 5-3, 5-5	SS753902 CIPP Major Pipe Rehabilitation
Proposed Upper Gills Creek Sewer Improvements	2-5, 5-3, 5-5	SS753902 CIPP Major Pipe Rehabilitation
SS7330 Upper Mill Creek Sewer Improvements	2-7, 5-4, 5-5	SS753902 CIPP Major Pipe Rehabilitation
SS7428 Lower Saluda Relief Sewer and Major Pipe Rehabilitation	2-7, 5-4, 5-5	No Change
SS7433 Cunningham Rd/Johnson Ave/Cramer Dr/Summerlea Dr Sewer Relocation	2-7, 5-4	No Change
Major Pipe and Manhole CIPP Rehab Project	2-7, 2-8, 5-4, 5-5	SS753902 CIPP Major Pipe Rehabilitation; SS7487 Hickory Ridge Road Sewer Rehab; SS7502 Summerlea Drive Sewer Replacement; SS7565 Lower Kinley Creek Sewer Improvements SS7301 Bull Street Development
Major Pipe and Manhole Pipe Bursting Rehab Project	2-7, 2-8, 5-4, 5-5	SS753904 Pipe Bursting Major Pipe Rehabilitation
Major Pipe and Manhole Sliplining Rehab Project	2-7, 5-4, 5-5	SS753904 Pipe Bursting Major Pipe Rehabilitation
Major Pipe and Manhole Spray-Applied Liner Rehab Project	2-7, 5-4, 5-5	SS753903 Geopolymer Major Pipe Rehabilitation
SS7454 Broad River Force Main Replacement and Gravity Sewer Capacity Improvements	2-7, 2-8, 4-3, 5-4, 5-5	SS7589 Broad River Force Main Replacement and Gravity Sewer Capacity Improvements
SS7465 Lower Crane Creek Relief Sewer Phase 2	2-7, 2-8, 5-4, 5-5	SS753902 CIPP Major Pipe Rehabilitation; SS6786 Gravity Sewer Manhole Lining and Replacement (Annual Contract).
SS7470 Lower Crane Creek Relief Sewer Phase 1	2-7, 2-8, 5-4, 5-5	SS753902 CIPP Major Pipe Rehabilitation; SS6786 Gravity Sewer Manhole Lining and Replacement (Annual Contract).
SS7474 Upper North Branch Crane Creek Sewer Improvements Phase 1	2-7, 2-8, 5-4, 5-5	SS753902 CIPP Major Pipe Rehabilitation; SS6786 Gravity Sewer Manhole Lining and Replacement (Annual Contract).
SS6786 Annual Gravity Sewer Manhole Lining and Replacement	2-8, 5-4, 5-5	No Change
SS7331 Upper Kinley Creek Sewer Improvements Phase 1	2-8, 5-4, 5-5	SS7331 Upper Kinley Creek Sewer Improvements
SS735003 Crane Creek Lower North Branch Capacity Upgrade Phase 1	2-8, 5-4, 5-5	No Change
SS7389 Crane Creek and Smith Branch Manhole Repair and Mitigation	2-8, 5-4, 5-5	No Change
SS7450 Crane Creek Lower North Branch Capacity Upgrade Phase 2	2-8, 5-4, 5-5	No Change
Major Manhole Rehab Project	2-8, 5-4, 5-5	SS6786 Gravity Sewer Manhole Lining and Replacement (Annual Contract); SS753902 CIPP Major Pipe Rehabilitation; SS753904 Pipe Bursting Major Pipe Rehabilitation.
SS6764 30" Force Main from Mill Creek Pump Station to WWTP	4-3, 5-4, 5-5	No Change

Attachment 2

Revision 1 - SIRR Project Names (March 2025)

SIRR Project Name (November 2022)	Referenced SIRR Tables	Revised Project(s) Currently Proposed to Address SIRR High-Priority Assets (November 2024)
SS7261 – Lake Katherine Sewer Line Capacity Enhancement	2-3, 3-3, 8-1	No Change
SS7331 Upper Kinley Creek	2-3	SS7331 Upper Kinley Creek Sewer Improvements
SS7428 Lower Saluda Relief Sewer	2-3	SS7428 Lower Saluda Relief Sewer and Major Pipe Rehabilitation
SS7583 - SR02 and BR04 Engineer Led Find & Fix Rehabilitation	3-3, 3-5, 8-3, 8-4, 8-5	No Change
SS6954 – 48” Sanitary Sewer Interceptor Along Crane Creek and Broad River	3-3	No Change
SS7424 - BR02 Sewer System Evaluation Study and Sewer Rehabilitation Implementation	3-5, 8-3, 8-4, 8-5	No Change
SS7463 - CC01 Sewer System Evaluation Study and Sewer Rehabilitation Implementation	3-5, 8-3, 8-4, 8-5	No Change
SS7464 - CC02 and CC04 Sewer System Evaluation Study and Sewer Rehabilitation Implementation	3-5, 8-3, 8-4, 8-5	No Change
CC03 Rehabilitation Project	3-5, 8-3, 8-4, 8-5	Project has not started yet; no new project name or number to report.
MC01 Rehabilitation Project	3-5, 8-3, 8-4, 8-5	SS6911 Sanitary Sewer Root Control Annual Contract.
SS6966 - Sanitary Sewer Pipe Rehabilitation (Annual Contract)	3-5, 8-3, 8-4, 8-5	SS6966 Rehab of Lines Less than 15-inch (Annual Contract)
SS6786 - Sanitary Sewer Manhole Rehabilitation (Annual Contract)	3-5, 8-3, 8-4, 8-5	SS6786 Gravity Sewer Manhole Lining and Replacement (Annual Contract).
CC06 Rehabilitation Project	3-5, 8-3, 8-4, 8-5	SS6911 Sanitary Sewer Root Control Annual Contract; SS7604 Continuing Sewer Assessment Program Preventative Maintenance Assistance; SS6966 Rehab of Lines Less than 15-inch (Annual Contract); SS6786 Gravity Sewer Manhole Lining and Replacement (Annual Contract).
SS7425 - RB03 Sewer System Evaluation Study and Sewer Rehabilitation Implementation	3-5, 8-3, 8-4, 8-5	SS7425 - RB03 Sewer System Evaluation Study and Sewer Rehabilitation Implementation SS7626 Senate Street Gravity Swer Completion Project
SB04 Rehabilitation Project	3-5, 8-3, 8-4, 8-5	SS6966 Rehab of Lines Less than 15-inch (Annual Contract)
SB05 Rehabilitation Project	3-5, 8-3, 8-4, 8-5	SS6911 Sanitary Sewer Root Control Annual Contract; SS6786 Gravity Sewer Manhole Lining and Replacement (Annual Contract); SS7604 Continuing Sewer Assessment Program Preventative Maintenance Assistance; SS6966 Rehab of Lines Less than 15-inch (Annual Contract).
SB06 Rehabilitation Project	3-5, 8-3, 8-4, 8-5	SS6786 Gravity Sewer Manhole Lining and Replacement (Annual Contract); SS7604 Continuing Sewer Assessment Program Preventative Maintenance Assistance; SS6966 Rehab of Lines Less than 15-inch (Annual Contract).
SR06 Rehabilitation Project	3-5, 8-3, 8-4, 8-5	SS6911 Sanitary Sewer Root Control Annual Contract; SS7604 Continuing Sewer Assessment Program Preventative Maintenance Assistance; SS6966 Rehab of Lines Less than 15-inch (Annual Contract).
SS7208 - Saluda River Basin SSES and Rehabilitation for SR-03, 10, & 12	3-5, 8-3, 8-4, 8-5	No Change
SR11 Rehabilitation Project	3-5, 8-3, 8-4, 8-5	SS6786 Gravity Sewer Manhole Lining and Replacement (Annual Contract); SS7604 Continuing Sewer Assessment Program Preventative Maintenance Assistance; SS6966 Rehab of Lines Less than 15-inch (Annual Contract).
SR15 Rehabilitation Project	3-5, 8-3, 8-4, 8-5	Not included in project list as work was completed by City staff.
Broad River Pump Station Evaluation	4-3, 8-3, 8-4, 8-5	Not included in project list as work was completed by City staff.
SS7467 - Evaluation of North Columbia Pump Station Upgrades	4-3, 8-3, 8-4, 8-5	No Change
SS7564 - West Columbia Pump Station Improvements	4-3, 8-3, 8-4, 8-5	No Change
SS7497 - Mill Creek Pump Station Miscellaneous Improvements	4-3, 8-3, 8-4, 8-5	No Change
SS7432 - Starlite Pump Station Decommissioning and Basin Rehabilitation Related Works	5-2, 5-4, 8-3, 8-4, 8-5	No Change

Revision 1 (cont.) - SIRR Project Names (March 2025)

SIRR Project Name (November 2022)	Referenced SIRR Tables	Revised Project(s) Currently Proposed to Address SIRR High-Priority Assets (November 2024)
SS7060 - City of Columbia Pump Station Improvements at Six Facilities (Clearwater, Meadowlands, Prescott Manor, Shady Lane, Swandale, and Yacht Cove)	5-4, 8-3, 8-4, 8-5	No Change
SS7435 - Wexford and Windsong Lift Stations Evaluation and Rehabilitation Project	5-4, 8-3, 8-4, 8-5	No Change
SS7462 - Investigation of Crockett Road, Atlas Road, and Versch Lock Lift Stations	5-4, 8-3, 8-4, 8-5	No Change
Lake Murray Pump Station Miscellaneous Improvements	5-4, 8-3, 8-4, 8-5	Not included in project list as work was completed by City staff.
SS7172 - Evaluation of Design and Construction for the Rehabilitation and/or Replacement of Harbison #2, Mallard Pointe, and Animal Shelter Pump Stations	5-4, 8-3, 8-4, 8-5	No Change
SS7437 - Miscellaneous Lift Station Improvements and Backup Power Addition Project	5-4, 8-3, 8-4, 8-5	No Change
SS7554 - Harbison #4 Pump Station Improvements and Force Main Replacement	5-4, 8-3, 8-4, 8-5	No Change
SS7549 - Woodlands Force Main Replacement	7-3, 8-3, 8-4, 8-5	No Change
Colonial Life Force Main Rehabilitation Project	7-3, 8-3, 8-4, 8-5	Project has not started yet; no new project name or number to report.
SS7468 - Three Rivers Pump Station Force Main Replacement	7-3, 8-3, 8-4, 8-5	No Change
SS7389 - Crane Creek and Smith Branch Manhole Repair and Mitigation	8-2	No Change