

2021 ANNUAL REPORT



**CITY OF TYLER
CONSENT DECREE
DOJ NO. 90-5-1-1-09767**



**James Sallans
Litigation Division, MC-175
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087**



**Associate Director, Water Enforcement Branch
Compliance Assurance and Enforcement Division
U.S. Environmental Protection Agency, Region 6
1201 Elm Street, Suite 500
Dallas, TX 75270-2102**

P.O. Box 2039
Tyler, Texas 75710



511 W. Locust
Tyler, Texas 75702

February 24, 2022

Associate Director, Water Enforcement Branch
Compliance Assurance and Enforcement Division
U.S. Environmental Protection Agency, Region 6
1201 Elm Street, Suite 500
Dallas, TX 75270-2102

James Sallans
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Re: City of Tyler Consent Decree
DOJ No. 90-5-1-1-09767
2021 Annual Report

To EPA Region 6 and TCEQ:

Pursuant to Paragraph IX.88 of the Consent Decree for *United States et al v. City of Tyler*, please find enclosed electronic and hard copies of the City of Tyler's annual report covering the reporting period of January 1, 2021, through December 31, 2021.

Please feel free to contact me at (903) 531-1234 if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kate Dietz". The signature is fluid and cursive, with the first name "Kate" and last name "Dietz" clearly distinguishable.

Kate Dietz, P.E.
Tyler Water Utilities
Director of Utilities

Enclosures

CITY OF TYLER
CONSENT DECREE, DOJ No. 90-5-1-1-09767

2021 ANNUAL REPORT
1 JANUARY 2021 THROUGH 31 DECEMBER 2021

Enclosed is the City of Tyler Annual Report for the reporting period of 1 January 2021 through 31 December 2021. The report structure follows the requirements listed in "Appendix I – Consolidated Listing of *United States et. al v. City of Tyler* Consent Decree Deliverables and Consent Decree Reports". Each tab represents the following sections:

Section A	CMOM Program
Section B	Trend Analysis
Section C	Quarterly Reports
Section D	Training Program
Section E	SSO Reporting
Section F	System-Wide Routine Cleaning Program
Section G	Revised High Frequency Cleaning Program
Section H	Root Control Program
Section I	Completion of Condition Assessment Activities
Section J	FOG Enforcement Program
Section K	Completion of Capacity Remedial Measures
Section L	Completion of Condition Remedial Measures
Section M	Completion of Lift Station Remedial Measures
Section N	Completion of Force Main Remedial Measures
Section O	Additional Constructed SSO Locations

CERTIFICATION:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.



Kate Dietz, P.E.
Director of Utilities

2-24-22
Date

Section A. CMOM Program (Subparagraph 88.a):

The certified Final Capacity, Management, Operation, and Maintenance (CMOM) Program, was submitted to the Associate Director, Water Enforcement Branch, Compliance Assurance and Enforcement Division, U.S. Environmental Protection Agency, Region 6 (EPA), and Mr. James Sallans, Litigation Division, MC-175, Texas Commission on Environmental Quality (TCEQ) on 5 October 2017, prior to the requirement (Paragraph 16) that it be submitted no later than one (1) year after the Consent Decree Effective Date of 10 April 2017. City of Tyler received comments on its Final CMOM Program from EPA, incorporated them 4 April 2018, and received an email confirming the Final CMOM Program (CMOM Program) acceptance 20 November 2018 from Mr. Alan Vaughn, U.S. Environmental Protection Agency, Region 6.

A thorough review of the CMOM program was completed during 2021, and resulting updates were non-material changes such as updating contact information, performance indicators, and the list of food service establishments. The updated CMOM has been posted to the City website.

A.1 Training Program

The technical and skills training program, as detailed in Appendix B of the CMOM Program, and in compliance with Paragraphs 19 and 20 of the Consent Decree, has been implemented at Tyler Water Utilities (TWU). Specific training is outlined for specific job categories and roles. Training records are maintained for each employee and are included in Section D of this Annual Report for 2021. No changes to this program have been made at this time.

A.2 Sewer Overflow Response Plan (SORP)

A Sewer Overflow Response Plan, as detailed in Appendix D of the CMOM Program, and in compliance with Paragraph 21 of the Consent Decree, has been implemented at TWU. The Emergency Contract Numbers (SORP Appendix 3), have been updated.

A.3 SSO Reporting and Documentation Procedures

The SORP provides written procedures for sanitary sewer overflow (SSO) reporting and documentation, in compliance with Paragraphs 22 – 27 of the Consent Decree. TWU Standard

Operating Procedures (SOPs), included in Appendix A of the CMOM Program, address requirements in said paragraphs and are currently implemented and in use to report and document SSOs. Records for 2021 are included in Section E of this Annual Report. No changes to these procedures have been made at this time.

A.4 System-Wide Routine Cleaning Program

In compliance with Paragraphs 28 – 30 of the Consent Decree, and as explained in Section 3.5 of the CMOM Program, a TWU developed system wide cleaning program is ongoing. Documentation of said cleaning for 2021 is included in Section F of this Annual Report. No changes to this program have been made at this time.

A.5 Revised High Frequency Cleaning Program

TWU staff, in compliance with Paragraphs 31 – 33 of the Consent Decree, developed and implemented a High Frequency Cleaning Program. Said High Frequency Cleaning Program is included in Appendix E of the CMOM Program. Changes to the high-frequency cleaning program are documented in Section G of this Annual Report. No changes to these procedures have been made at this time.

A.6 Sewer System Internal Inspection Program

TWU staff developed an ongoing Sewer System Internal Inspection Program, in compliance with Paragraphs 34 – 35 of the Consent Decree. Said Sewer System Internal Inspection Program will be implemented following completion of the Assessment of Gravity Sewer Lines required in Paragraph 58 of the Consent Decree. Section 3.2 of the CMOM Program presents this inspection program; Appendix F of the CMOM Program details components of the Condition Assessment as related to gravity sewer lines. No changes to this program have been made at this time.

A.7 Sewer System Manhole Inspection Program

TWU staff developed an ongoing Sewer System Manhole Inspection Program, in compliance with Paragraphs 36 – 37 of the Consent Decree. Said Sewer System Manhole Inspection Program will be implemented following completion of the Assessment of Manholes required in Paragraph 59 of the Consent Decree. Section 3.3 of the CMOM Program presents this inspection program;

Appendix F of the CMOM Program details components of the Condition Assessment as related to manholes. No changes to this program have been made at this time.

A. 8 Lift Station Preventative Maintenance Plan

In compliance with Paragraph 38 of the Consent Decree, TWU developed a Lift Station Preventive Maintenance Plan. Said Lift Station Preventive Maintenance Plan utilizes TWU SOPs, included in Appendix A of the CMOM Program. TWU utilizes Cityworks™ to track preventive maintenance work orders.

A.9 Fats, Oils, and Grease (FOG) Control Program

In compliance with Paragraphs 39 – 40 of the Consent Decree, a comprehensive FOG Control Program, as detailed in the CMOM Program, Appendix C, was developed. This FOG Control Program has been implemented and an ordinance has been adopted. No changes to this program have been made at this time. Updates to the FOG Generators (food service establishments) list and approved waste haulers are incorporated as needed.

A.10 Root Control Program

TWU staff developed a Root Control Program, in compliance with Paragraphs 41 – 43 of the Consent Decree. This Root Control Program is detailed in Section 7 of the CMOM Program. No changes to this program have been made at this time.

A.11 Information Management System

TWU, in compliance with Paragraphs 44 – 49 of the Consent Decree, updated its Information Management System (IMS) system to Cityworks™. The Asset Management System (AMS) system is integrated with City of Tyler's Geographical Information System (GIS) to create a Spatial Data Management System (SDMS). Sections 2.8 and 2.9 of the CMOM Program describe the IMS and SDMS plan. No substantial changes to this system have been made at this time.

Section B. Trend Analysis (Subparagraph 88.b):

An analysis of the number, volume, duration, and cause of SSOs over a 24-month rolling time period is required by the Consent Decree. In the reporting period of 1 January 2020 through 31 December 2020, there were 79 SSOs, as compared to 62 in the 1 January 2021 through 31 December 2021 reporting period. This is the start of a downward trend line. Annual rainfall for 2021, as compared to 2020, decreased approximately seven (7) inches, from 56.9" in 2020 to 49.6" in 2021.

B.1 Number: 24-month Rolling

A comparison of the rolling 24-month 2019-20 to 2020-21 periods, demonstrates that the annual average number of SSOs drops from 79 to 70.5. This is a 10.8% reduction.

B.2 Volume: 24-month Rolling

If the one (1) significant SSO event is removed from the 2019 totals, the 24-month rolling average volume can more accurately be reviewed. This significant SSO event was a 13,569,157 gallon event in 2019. The average SSO volume increased by 29.1% from 1,493 gallons during 2019-20 to 1,927 gallons in 2020-21.

B.3 Duration: 24-month Rolling

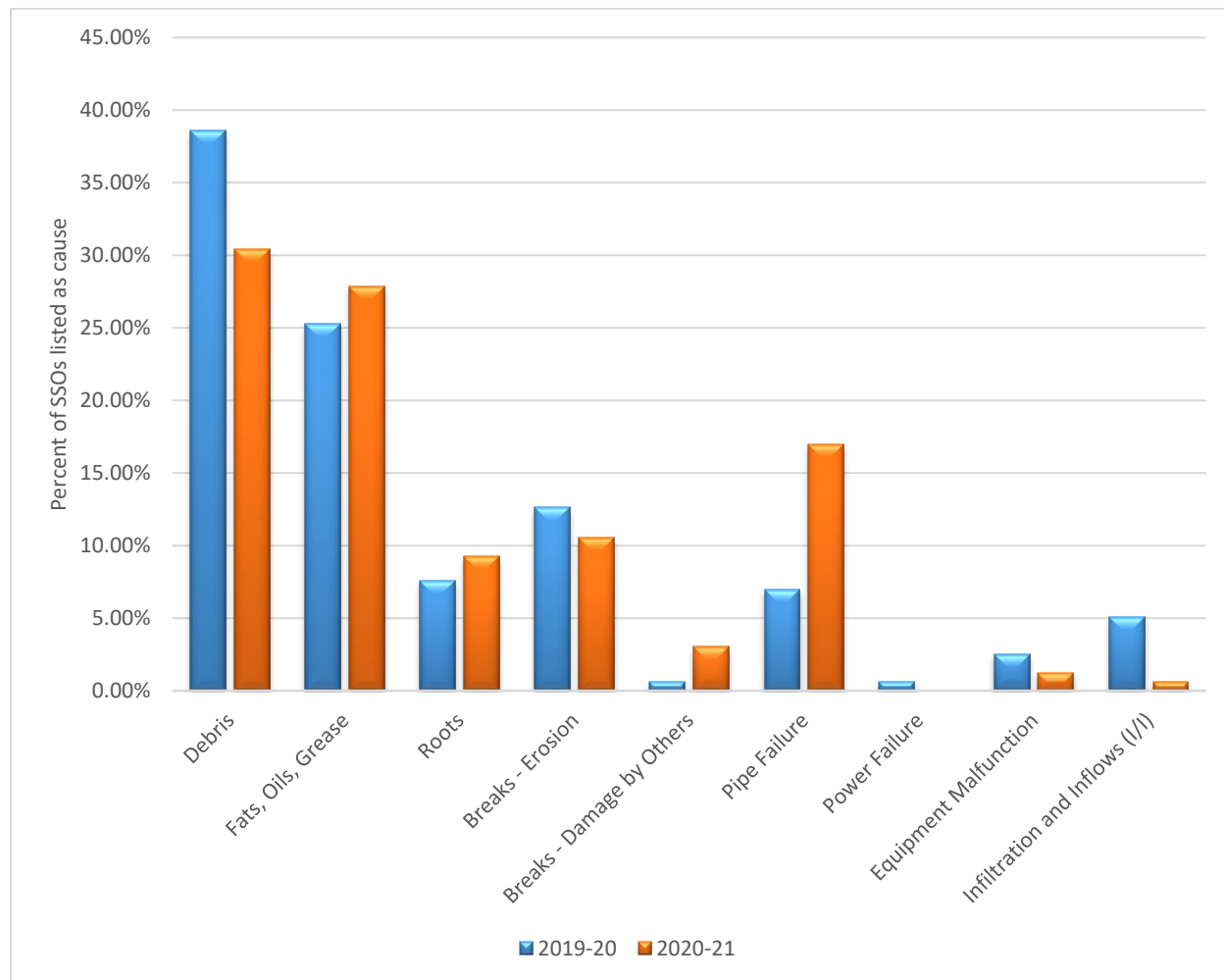
Comparing the average duration of SSOs during the 2019-20 period to the 2020-21 period, the average SSO duration fell from 154 minutes to 150 minutes. This is a reduction of 2.1%.

B.4 Discussion

The rolling 24-month comparisons are continuing to trend in the right direction. Improved access to easement and difficult to reach areas, proactive repair and remedial work, preventative maintenance, more miles of gravity sewer main cleaned, more experience, and improvements to the sanitary sewer collection system are all contributing factors to this trend. The majority of SSOs typically occurred due to debris and fats, oils, and grease (FOG). The decrease in debris related SSOs can be attributed to the preventative maintenance of the high frequency cleaning and city-wide cleaning program and the on-going capital improvements of the collection system.

Roots, breaks due to erosion, and pipe failure continue to be the three (3) next most common causes of SSOs after debris and FOG.

Figure B-1: Cause of SSOs in the 2019-20 and 2020-21 Rolling 24-Month Periods



City of Tyler is following the CMOM Program components to help prevent, mitigate, and decrease the number of SSOs. The high frequency and city-wide cleaning programs, along with the FOG program, are targeted CMOM Program components identified to reduce SSOs, and management continues to evaluate and monitor their effectiveness. Efficient and thorough utilization of the Cityworks™ AMS remains key to successfully performing and tracking preventative maintenance and remedial activities. City of Tyler is working to be better able to monitor those remote sewer lines by major easement improvements to reduce the number of SSOs caused by line breaks or failures primarily due to erosion.

Section C. Quarterly Reports (Subparagraph 88.c):

A compilation of the quarterly reports submitted during the 1 January 2021 through 31 December 2021 reporting period is attached.

City of Tyler
Consent Decree, DOJ No. 90-5-1-1-09767
Quarterly Report - 2021 Quarter 1
01 January 2021 through 31 March 2021

Start Date	Start Time	End Date	End Time	Address/Location	Asset ID	Receiving Stream	Estimated Volume Discharged (gal)	Estimated Volume Recovered (gal)	Component from Which SSO Was Released	Suspected Cause of SSO	Potential Danger to Human Health & Safety or the Environment	Repeat SSO? If yes, list date(s) of previous SSO(s) at this address/asset	Comments/Response	Follow-Up Actions	Public Notification Made?
1/5/2021	1:00:00 PM	1/5/2021	5:00:00 PM	15698 CR 46, Tyler, TX, 75704	SS.FM.T0000010	Contained In Yard	2400	2400	FORCE MAIN	BREAKS, OTHER CAUSES	No	Yes - 2/6/2020	Sewer leaking out of manhole. SS.MH.0000233 was leaking approximately 10 gallons per minute for 240 minutes = 2400 gallons into yard. Area was flushed with 500 gallons of fresh water, and disinfected with HTH. Recovered 2,900 gallons of wash water, disinfectant, and sewer mixture.	Repair Sewer Main	No
1/6/2021	2:53:00 PM	1/6/2021	3:05:15 PM	W Gentry Pkwy & N Palace Ave, Tyler, TX, 75702	SS.GM.T0005577	Blackfork Creek	120	0	MANHOLE	FATS, OIL, GREASE	No	No	Sewer leaking out of manhole. SS.MH.T0004569 was leaking approximately 10 gallons per minute for 12 minutes = 120 gallons into storm drain. Stop was approximately 50 feet from SS.MH.T0003013. Area was flushed with 420 gallons of fresh water, and disinfected with HTH. Recovered 0 gallons of wash water, disinfectant, and sewer mixture.	PM Wash, CCTV	No
1/7/2021	9:54:00 AM	1/7/2021	10:15:00 AM	305 S Hill Ave, Tyler, TX, 75702	SS.GM.T0007140	Willow Creek	420	420	MANHOLE	DEBRIS FATS, OIL, GREASE	No	No	Sewer leaking out of manhole. SS.MH.T0001847 was leaking approximately 20 gallons per minute for 21 minutes = 420 gallons into storm drain. Stop was relieved from SS.MH.T0001836 by running South for 83 feet. Area was flushed with 1,500 gallons of fresh water, and disinfected with HTH. Recovered 1,920 gallons of wash water, disinfectant, and sewer mixture.	PM Wash, CCTV	No
1/7/2021	1:00:19 PM	1/7/2021	2:00:25 PM	3707 Wynnwood Dr, Tyler, TX, 75701	SS.GM.T0000703	West Mud Creek	375	375	PRIVATE CLEANOUT	DEBRIS	No	Yes - 4/21/2018 & 2/29/2020	Sewer leaking out of private cleanout. The private cleanout was leaking approximately 5 gallons per minute for 75 minutes = 375 gallons into West Mud Creek. Stop was relieved from SS.MH.T0005227 by running North for 25 feet. rea was flushed with 500 gallons of fresh water, and disinfected with HTH. Recovered 875 gallons of wash water, disinfectant, and sewer mixture.	PM Wash, CCTV	No
1/12/2021	2:25:33 PM	1/12/2021	3:25:00 PM	Bellwood Rd & Buckley Ave, Tyler, TX, 75701	SS.GM.T0007749	Indian Creek	60	60	MANHOLE	DEBRIS FATS, OIL, GREASE	No	No	Sewer leaking out of manhole. SS.MH.T0002095 was leaking approximately 1 gallons per minute for 60 minutes = 60 gallons into storm drain. Stop was relieved from SS.MH.T0002099 by running East for 700 feet. Area was flushed with 500 gallons of fresh water, and disinfected with HTH. Recovered 560 gallons of wash water, disinfectant, and sewer mixture.	PM Wash, CCTV	No
1/13/2021	2:15:00 PM	1/13/2021	3:30:00 PM	2695 S Southwest Loop 323, Tyler, TX, 75701	SS.GM.T0012724	Contained In Yard	750	750	MANHOLE	FATS, OIL, GREASE	No	No	Sewer leaking out of manhole. SS.MH.T0012724 was leaking approximately 10 gallons per minute for 75 minutes = 750 gallons into yard. Stop was relieved from SS.MH.T0001390 by running South for 226 feet. Area was flushed with 2,000 gallons of fresh water, and disinfected with HTH. Recovered 750 gallons of wash water, disinfectant, and sewer mixture.	PM Wash, CCTV	No
1/20/2021	11:22:00 AM	1/20/2021	12:00:00 PM	Idel St & Fleishel Ave, Tyler, TX, 75701	SS.GM.T0004774	Blackfork Creek	494	494	MANHOLE	DEBRIS	No	No	Sewer leaking out of manhole. SS.MH.T0004774 was leaking approximately 13 gallons per minute for 38 minutes = 494 gallons into Black Fork Creek. Stop was relieved from SS.MH.T0000560 by running South for 475 feet. Area was flushed with 3,000 gallons of fresh water, and disinfected with HTH. Recovered 3,494 gallons of wash water, disinfectant, and sewer mixture.	PM Wash, CCTV	No

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01 January 2021 through 31 March 2021

Start Date	Start Time	End Date	End Time	Address/Location	Asset ID	Receiving Stream	Estimated Volume Discharged (gal)	Estimated Volume Recovered (gal)	Component from Which SSO Was Released	Suspected Cause of SSO	Potential Danger to Human Health & Safety or the Environment	Repeat SSO? If yes, list date(s) of previous SSO(s) at this address/asset	Comments/Response	Follow-Up Actions	Public Notification Made?
1/27/2021	11:30:10 AM	1/27/2021	12:30:15 PM	2441 Sunnybrook Dr, Tyler, TX, 75701	SS.GM.T0003021	Contained In Storm Drain	80	80	MANHOLE	BREAKS, OTHER CAUSES DEBRIS	No	No	Sewer leaking out of manhole. SS.MH.T0003950 was leaking approximately 2 gallons per minute for 40 minutes = 80 gallons into storm drain. Stop was relieved from SS.MH.T0002479 by running South for 112 feet. Area was flushed with 200 gallons of fresh water, and disinfected with HTH. Recovered 280 gallons of wash water, disinfectant, and sewer mixture.	Place on High Frequency Cleaning list, Repair Sewer Main, CCTV	No
1/27/2021	3:00:00 PM	1/27/2021	4:30:00 PM	2323 Frankston Hwy, Tyler, TX, 75701	SS.GM.T0002539	Contained In Storm Drain	450	450	MANHOLE	FATS, OIL, GREASE	No	No	Sewer leaking out of manhole. SS.MH.T0002416 was leaking approximately 5 gallons per minute for 90 minutes = 450 gallons into storm drain. Stop was relieved from SS.MH.T0002415 by running west for 149 feet. Area was flushed with 1000 gallons of fresh water, and disinfected with HTH. Recovered 1,450 gallons of wash water, disinfectant, and sewer mixture.	PM Wash, CCTV	No
1/27/2021	11:55:00 AM	1/27/2021	1:30:00 PM	3326 Craftdale Dr, Tyler, TX, 75701	SS.GM.T0006448	Contained In Yard	35	35	PRIVATE CLEANOUT	DEBRIS	No	No	Sewer leaking out of private cleanout. Cleanout was leaking approximately 1 gallons per minute for 35 minutes = 35 gallons into yard. Area was flushed with 200 gallons of fresh water, and disinfected with HTH. Recovered 235 gallons of wash water, disinfectant, and sewer mixture.	PM Wash, CCTV	No
2/1/2021	7:30:06 AM	2/1/2021	11:00:12 AM	Shelley Dr & S Broadway Ave, Tyler, TX, 75701	SS.GM.T0003827	Contained In Storm Drain	150	150	MANHOLE	FATS, OIL, GREASE	No	No	Sewer leaking out of manhole. SS.MH.T0005170 was leaking approximately 2 gallons per minute for 75 minutes = 150 gallons into storm drain. Area was flushed with 700 gallons of fresh water, and disinfected with HTH. Recovered 850 gallons of wash water, disinfectant, and sewer mixture.	Place on High Frequency Cleaning list	No
2/2/2021	8:15:00 AM	2/2/2021	9:00:00 AM	2616 W Northwest Loop 323, Tyler, TX, 75702	SS.GM.T0012349	Contained In Storm Drain	45	45	MANHOLE	DEBRIS	No	No	Sewer leaking out of manhole. SS.MH.T0000258 was leaking approximately 1 gallons per minute for 45 minutes = 45 gallons into storm drain. Area was flushed with 200 gallons of fresh water, and disinfected with HTH. Recovered 245 gallons of wash water, disinfectant, and sewer mixture.	Place on High Frequency Cleaning list	No
2/9/2021	11:09:00 AM	2/9/2021	12:03:00 PM	1224 Winona Ave, Tyler, TX, 75702	SS.GM.T0008420	Blackfork Creek	216	216	GRAVITY MAIN	BREAKS, OTHER CAUSES	No	No	Sewer leaking out of gravity main. SS.GM.T0008420 was leaking approximately 4 gallons per minute for 54 minutes = 216 gallons into Black Fork Creek. Area was flushed with 9,000 gallons of fresh water, and disinfected with HTH. Recovered 9,216 gallons of wash water, disinfectant, and sewer mixture.	Repair Sewer Main, CCTV	No
2/19/2021	7:00:00 PM	2/20/2021	9:00:02 PM	838 S Fleishel Ave, Tyler, TX, 75701	SS.GM.T0004790	Contained In Storm Drain	240	240	MANHOLE	FATS, OIL, GREASE	No	No	Sewer leaking out of manhole. SS.MH.T0005083 was leaking approximately 2 gallons per minute for 120 minutes = 240 gallons into storm drain. Area was flushed with 500 gallons of fresh water, and disinfected with HTH. Recovered 740 gallons of wash water, disinfectant, and sewer mixture.	Place on High Frequency Cleaning list, CCTV	No
2/20/2021	4:30:58 PM	2/20/2021	6:30:03 PM	1827 Rickety Ln, Tyler, TX, 75703	SS.GM.T0001224	Contained In Yard	120	120	PRIVATE CLEANOUT	DEBRIS	No	No	Sewer leaking out of private cleanout. Private clean-out was leaking approximately 1 gallons per minute for 120 minutes = 120 gallons into yard. Area was flushed with 500 gallons of fresh water, and disinfected with HTH. Recovered 620 gallons of wash water, disinfectant, and sewer mixture.	PM Wash	No

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3/2/2021	9:34:00 AM	3/2/2021	10:15:00 AM	2500 Walton Rd, Tyler, TX, 75701	SS.GM.T0007257	Contained In Storm Drain	41	41	MANHOLE	BREAKS, OTHER CAUSES	No	No	Sewer leaking out of manhole. SS.MH.T0001210was leaking approximately 1 gallon per minute for 41 minutes = 41 gallons into storm drain. Stop was relieved from SS.MH.T0001193 by running south for 353 feet. Area was flushed with 300 gallons of fresh water, and disinfected with HTH. Recovered 341 gallons of wash water, disinfectant, and sewer mixture.	Repair Sewer Main, CCTV	No
3/4/2021	2:00:00 PM	3/4/2021	2:15:00 PM	310 N Beverly Ave, Tyler, TX, 75702	SS.GM.T0004844	Contained In Storm Drain	15	15	PRIVATE CLEANOUT	FATS, OIL, GREASE	No	Yes - 4/5/2017 & 12/27/2017	Sewer leaking out of private cleanout. Private clean-out was leaking approximately 1 gallon per minute for 15 minutes = 15 gallons into storm drain. Area was flushed with 200 gallons of fresh water, and disinfected with HTH/lime. Recovered 215 gallons of wash water, disinfectant, and sewer mixture.	Place on High Frequency Cleaning list, CCTV	No
3/5/2021	1:30:00 PM	3/5/2021	1:45:00 PM	3031 W Gentry Pkwy, Tyler, TX, 75702	SS.GM.T0005934	Blackfork Creek	75	75	GRAVITY MAIN	BREAKS, OTHER CAUSES	No	Yes - 7/24/2020	Sewer leaking out of gravity main. SS.GM.T0005934 was leaking approximately 5 gallons per minute for 15 minutes = 75 gallons into Black Fork Creek. Area was flushed with 15,000 gallons of fresh water, and disinfected with HTH. Recovered 15,075 gallons of wash water, disinfectant, and sewer mixture.	Repair Sewer Main	No
3/7/2021	5:40:00 PM	3/7/2021	7:10:00 PM	2417 Plume Dr, Tyler, TX, 75703	SS.GM.T0003578	Contained in Yard	90	0	PRIVATE CLEANOUT	ROOTS	No	No	Sewer leaking out of private cleanout. Private clean-out was leaking approximately 1 gallon per minute for 90 minutes = 90 gallons into yard. Recovered 0 gallons of wash water, disinfectant, and sewer mixture.	Place on High Frequency Cleaning list, CCTV	No
3/9/2021	12:42:00 PM	3/9/2021	5:15:00 PM	Medical Dr, Tyler, TX, 75701	SS.GM.T0009245	Blackfork Creek	8190	8,190	GRAVITY MAIN	BREAKS DUE TO EROSION ROOTS	No	No	Sewer leaking out of gravity main. SS.GM.T0009245 was leaking approximately 30 gallons per minute for 273 minutes = 8,190 gallons into Black Fork Creek. Area was flushed with 72,000 gallons of fresh water, and disinfected with HTH. Recovered 26,500 gallons of wash water, disinfectant, and sewer mixture.	Repair Sewer Main, CCTV	No
3/10/2021	1:00:14 PM	3/10/2021	3:00:47 PM	415 Powell Dr, Tyler, TX, 75703	SS.GM.T0001621	West Mud Creek	360	360	MANHOLE	BREAKS DUE TO EROSION	No	No	Sewer leaking out of manhole. SS.MH.T0005481 was leaking approximately 3 gallons per minute for 120 minutes = 360 gallons into West Mud Creek. Area was flushed with 1,000 gallons of fresh water, and disinfected with HTH. Recovered 1,360 gallons of wash water, disinfectant, and sewer mixture.	Repair Sewer Main, CCTV	No
3/15/2021	12:45:07 PM	3/15/2021	1:50:14 PM	3931 Troup Hwy, Tyler, TX, 75703	SS.GM.T0001742	West Mud Creek	650	650	MANHOLE	FATS, OIL, GREASE	No	Yes - 2/20/2018	Sewer leaking out of manhole. SS.MH.T0005585 was leaking approximately 5 gallons per minute for 130 minutes = 650 gallons into West Mud Creek. Stop was relieved from SS.MH.T0005583 by running East for 164 feet. Area was flushed with 1,000 gallons of fresh water, and disinfected with HTH. Recovered 1,650 gallons of wash water, disinfectant, and sewer mixture.	Place on High Frequency Cleaning list, CCTV	No
3/19/2021	3:45:00 PM	3/19/2021	4:30:00 PM	1420 Old Noonday Rd, Tyler, TX 75701	SS.GM.T0009316	Contained In Yard	225	0	MANHOLE	DEBRIS, GREASE	No	Yes - 8/3/2017	Sewer leaking out of manhole. SS.MH.T0005997 was leaking approximately 5 gallons per minute for 45 minutes = 225 gallons into yard. Area was flushed with 1,000 gallons of fresh water, and disinfected with HTH. Recovered 0 gallons of wash water, disinfectant, and sewer mixture.	Placed on HFOP Root Control list	No

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3/23/2021	2:03:00 PM	3/23/2021	2:35:00 PM	1327 Baxter Ave, Tyler, TX 75701	SS.GM.T0004802	Contained In Storm Drain	32	32	MANHOLE	DEBRIS	No	No	Sewer leaking out of manhole. SS.MH.T0003203 was leaking approximately 1 gallon per minute for 32 minutes = 32 gallons into storm drain. Area was flushed with 500 gallons of fresh water, and disinfected with HTH. Recovered 532 gallons of wash water, disinfectant, and sewer mixture.	PM Wash	No
3/24/2021	11:30:43 AM	3/24/2021	12:07:48 PM	415 Powell Dr, Tyler, TX, 75703	SS.GM.T0001621	West Mud Creek	37	37	MANHOLE	DEBRIS, GREASE	No	Yes - 3/10/2021	Sewer leaking out of manhole. SS.MH.T0005481 was leaking approximately 1 gallon per minute for 37 minutes = 37 gallons into West Mud Creek. Stop was relieved from SS.MH.T0005480 by running through SS.MH.T0000318 for 397 feet. Area was flushed with 200 gallons of fresh water, and disinfected with HTH. Recovered 237 gallons of wash water, disinfectant, and sewer mixture.	Replace Sewer Main	No
3/26/2021	4:40:00 PM	3/26/2021	5:30:00 PM	Camp St & Carlyle Ave Tyler, TX 75702	SS.GM.T0005150	Blackfork Creek	150	150	MANHOLE	GREASE	No	No	Sewer leaking out of manhole. SS.MH.T0004422 was leaking approximately 3 gallons per minute for 50 minutes = 150 gallons into storm drain. Area was flushed with 500 gallons of fresh water, and disinfected with HTH. Recovered 650 gallons of wash water, disinfectant, and sewer mixture.	Repair Sewer Main, PM Wash	No
3/29/2021	7:15:00 AM	3/29/2021	8:40:49 AM	2021 Old Omen Rd, Tyler, TX, 75701	SS.GM.T0005276	Blackfork Creek	1700	1700	MANHOLE	FATS, OIL, GREASE	No	No	Sewer leaking out of manhole. SS.MH.T0006447 was leaking approximately 20 gallons per minute for 85 minutes = 1,700 gallons into storm drain. Area was flushed with 2,000 gallons of fresh water, and disinfected with HTH. Recovered 3,700 gallons of wash water, disinfectant, and sewer mixture.	Place on High Frequency Cleaning list, CCTV	No
3/29/2021	9:58:00 AM	3/29/2021	11:15:00 AM	2216 S Southeast Loop 323, Tyler, TX, 75701	SS.GM.T0008928	Contained In Yard	77	77	GRAVITY MAIN	DEBRIS ROOTS	No	No	Sewer leaking out of gravity main. SS.GM.T0008928 was leaking approximately 1 gallon per minute for 77 minutes = 77 gallons into yard. Area was flushed with 1,000 gallons of fresh water, and disinfected with HTH. Recovered 1,077 gallons of wash water, disinfectant, and sewer mixture.	Place on High Frequency Cleaning list, CCTV	No

CERTIFICATION:
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.



4/16/2021
Date

Mr. Doug Box - Interim Director of Utilities

Start Date	Start Time	Finish Date	Finish Time	Address/Location	Asset ID	Receiving Stream	Estimated Volume Discharged (gal)	Estimated Volume Recovered (gal)	Component from Which SSO Was Released	Suspected Cause of SSO	Potential Danger to Human Health & Safety or the Environment	Repeat SSO? If yes, list date(s) of previous SSO(s) at this address/asset	Comments/Response	Follow-Up Actions	Public Notification Made?
4/5/2021	3:01:00 PM	4/5/2021	5:30:00 PM	4211 Lazy Creek Dr, Tyler, TX 75707	SS.GM.T0009602	Gilley Creek	4,470	4,470	MANHOLE	DEBRIS ROOTS	No	Yes, 5/7/2020	Sewer leaking out of manhole. SS.MH.T0006076 was leaking approximately 30 gallons per minute for 149 minutes =4470 gallons into Creek. Stop was relieved from SS.MH.T0006859 by Jetter West for 280 feet. Stop was approximately 280 feet from SS.MH.T0006859. Area was flushed with 18,000 gallons of fresh water and disinfected with HTH. Recovered 24,000 gallons of wash water, disinfectant, and sewer mixture.	Place on High Frequency Cleaning List	No
4/17/2021	10:20:00 AM	4/17/2021	11:30:00 AM	3205 W Erwin St, Tyler, TX 75702	SS.GM.T0006659	Willow Creek	1,750	1,750	MANHOLE	CONTRACTOR DAMAGE	No	No	Sewer leaking out of manhole SS.MH.T0001131 was leaking approximately 25 gallons per minute for 70 minutes = 1,750 gallons into creek. Stop was relieved from SS.MH.T0013042 by jetting SS.GM.T0007618, SS.GM.T0006662, and SS.GM.T0006661 for 472 feet. Stop was approximately 10 feet from SS.MH.T0001131 upstream. Area was flushed with 3,000 gallons of fresh water, and disinfected with HTH. Recovered 3,700 gallons of wash water, disinfectant, and sewer mixture .5 lbs of debris removed.	CCTV; Remove Debris	No
4/28/2021	1:30:00 PM	4/28/2021	5:00:00 PM	2927 S Southwest Loop 323, Tyler, TX, 75701	SS.GM.T0007319	Indian Creek	6,300	6,300	GRAVITY MAIN	BREAKS DUE TO EROSION	No	Yes, 9/11/2020	Sewer leaking out of gravity main. SS.GM.T0007319 was leaking approximately 30 gallons per minute for 210 minutes = 6,300 gallons into creek. Stop was relieved by repairing SS.GM.T00007319. Problem occurred where SS.MH.T0002259 once stood. Area flushed with 14,200 gallons of fresh water. Disinfected with HTH. Recovered 15,000 gallons of wash water.	Repair Sewer Main, CCTV; Reroute Sewer Lines	No
5/6/2021	5:30:00 PM	5/6/2021	5:45:00 PM	5306 Rhones Quarter Rd, Tyler, TX, 75707	SS.GM.T0004015	Contained In Yard	150	250	MANHOLE	DEBRIS	No	No	Sewer leaking out of clean-out. SS.MH.T0009586 was leaking approximately 10 gallons per minute for 15 minutes = 150 gallons contained in yard. Stop was relieved from SS.MH.T0006984 by jetting SS.GM.T00003073 for 500 feet. Stop was approximately 150 feet downstream from SS.MH.T0006984 Area was flushed with 100 gallons of fresh water, and disinfected with HTH. Recovered 250 gallons of wash water, disinfectant, and sewer mixture.	CCTV	No
5/14/2021	9:30:00 AM	5/14/2021	3:30:00 PM	1213 E Laurel St, Tyler, TX, 75702	SS.MH.T0005655	Black Fork Creek	5,400	6,000	MANHOLE	BREAKS DUE TO EROSION BREAKS, OTHER CAUSES	No	No	Sewer leaking out of manhole. SS.MH.T0005655 was leaking approximately 15 gallons per minute for 360 minutes = 5,400 gallons into creek. Stop was relieved from SS.MH.T0005655 by patching a crack. Stop was approximately on the manhole riser. Area was flushed with 9,000 gallons of fresh water, and disinfected with lime. Recovered 6,000 gallons of wash water, disinfectant, and sewer mixture.	Repair Manhole/Invert	No
5/19/2021	9:13:00 AM	5/19/2021	9:45:00 AM	223 S Lyons Ave, Tyler, TX, 75702	SS.GM.T0007685	Willow Creek	224	724	MANHOLE	DEBRIS FATS, OIL, GREASE ROOTS	No	No	Sewer leaking out of manhole. SS.MH.T0001821 was leaking approximately 7 gallons per minute for 32 minutes = 224 gallons into storm drain. Stop was relieved from SS.MH.T0001821 by jetting SS.GM.T0007685 for 353 feet. Stop was approximately 2 feet from SS.MH.T0012887. Area was flushed with 500 gallons of fresh water, and disinfected with HTH. Recovered 724 gallons of wash water, disinfectant, and sewer mixture.	CCTV	No

Start Date	Start Time	Finish Date	Finish Time	Address/Location	Asset ID	Receiving Stream	Estimated Volume Discharged (gal)	Estimated Volume Recovered (gal)	Component from Which SSO Was Released	Suspected Cause of SSO	Potential Danger to Human Health & Safety or the Environment	Repeat SSO? If yes, list date(s) of previous SSO(s) at this address/asset	Comments/Response	Follow-Up Actions	Public Notification Made?
5/20/2021	1:36:00 PM	5/20/2021	1:46:00 PM	927 S Peach Ave, Tyler, TX, 75701	SS.GM.T0007555	Willow Creek	250	750	MANHOLE	BREAKS, OTHER CAUSES	No	No	Sewer leaking out of manhole. SS.MH.T0001858 was leaking approximately 25 gallons per minute for 10 minutes = 250 gallons into creek. Stop was relieved from SS.MH.T0001859 by jetting SS.GM.T0007555 for 176 feet. Stop was approximately 150 feet from SS.MH.T0001858. Area was flushed with 500 gallons of freshwater, and disinfected with hth. Recovered 750 gallons of wash water, disinfectant, and sewer mixture.	Repair Sewer Main, CCTV	No
6/10/2021	1:06:00 PM	6/10/2021	1:45:00 PM	3274 Professional Dr, Tyler, TX 75701	SS.GM.T001483	W Mud Creek	351	1,351	MANHOLE	FATS, OIL, GREASE	No	No	Sewer leaking out of manhole. SS.MH.T001437 was leaking approximately 9 gallons per minute for 39 minutes = 351 gallons into storm drain. Stop was relieved from SS.MH.T0001529 by jetting SS.GM.T001483s for 275 feet. Stop was approximately 200 feet from SS.MH.T0001529. Area was flushed with 1000 gallons of fresh water, and disinfected with HTH. Recovered 1351 gallons of wash water, disinfectant, and sewer mixture.	Place on High Frequency Cleaning List, CCTV	No
6/30/2021	9:53:47 AM	6/30/2021	10:52:30 AM	1920 Stonegate Blvd, Tyler, TX, 75703	SS.GM.T0011538	Contained In Yard	885	500	PRIVATE CLEANOUT	BREAKS, OTHER CAUSES	No	No	Sewer leaking out of private cleanout. Clean-out was leaking approximately 15 gallons per minute for 59 minutes = 885 gallons into yard. Stop was relieved from SS.MH.T0007992 by jetting SS.GM.T0011538 for 310 feet. Stop was approximately 310 feet from SS.MH.T0007982. Area was flushed with 9,000 gallons of fresh water, and disinfected with HTH. Recovered 500 gallons of wash water, disinfectant, and sewer mixture.	Repair Sewer Main, CCTV	No
6/30/2021	4:27:00 PM	6/30/2021	5:00:00 PM	150 Airport Dr, Tyler, TX 75704	SS.GM.T0011886	Contained In Yard	198	198	GRAVITY MAIN	BREAKS, OTHER CAUSES	No	No	Sewer leaking out of street. SS.GM.T0011886 was leaking approximately 6 gallons per minute for 33 minutes = 198 gallons into street. Stop was relieved from SS.MH.T0015625 by jetting SS.GM.T0011886 for 200 feet. Stop was approximately 145 feet from SS.MH.T0008433. Area was flushed with 700 gallons of fresh water, and disinfected with HTH. Recovered 898 gallons of wash water, disinfectant, and sewer mixture.	Repair Sewer Main, CCTV	No

CERTIFICATION:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.


Mr. Doug Box - Interim Director of Utilities
7/7/2021
Date

Start Date	Start Time	Finish Date	Finish Time	Address/Location	Asset ID	Receiving Stream	Estimated Volume Discharged (gal)	Estimated Volume Recovered (gal)	Component from Which SSO Was Released	Suspected Cause of SSO	Potential Danger to Human Health & Safety or the Environment	Repeat SSO? If yes, list date(s) of previous SSO(s) at this address/asset	Comments/Response	Follow-Up Actions	Public Notification Made?
7/13/2021	9:00:00 AM	7/13/2021	10:22:00 AM	3216 Rolling Hill Dr, Tyler, TX, 75702	SS.GM.T0007602	Willow Creek	1,640	1,640	MANHOLE	DEBRIS	No	Yes, 12/5/2017	Sewer leaking out of manhole. SS.MH.T0001960 was leaking approximately 20 gallons per minute for 82 minutes = 1640 gallons into creek. Stop was relieved from SS.MH.T0001067 by rodding SS.GM.T0007602 for 487 feet. Stop was approximately 82 feet from SS.MH.T0001960. This stop was caused by grease & debris that gathers up in the manhole on a 90 degree turn. CCTV shows us that there is a small offset in SS.GM.T0007982. SS.MH.T0001960 is a 90 degree turn that does not flow well due to friction. SS.GM.T0007602 has a long sag in it making up 80% of the pipe.	Place on High Frequency Cleaning List	No
7/27/2021	9:48:00 AM	7/27/2021	2:13:00 PM	5736 Reed Rd, Tyler, TX, 75707	SS.FM.T0000071	Gilley Creek	12,600	12,600	FORCE MAIN	BREAKS, OTHER CAUSES EQUIPMENT MALFUNCTION	No	No	Sewer leaking out of force main. SS.FM.T0000071 was leaking approximately 50 gallons per minute for 252 minutes = 12,600 gallons into creek. Stop was relieved from SS.FM.T0000071 by placing a clamp around the pipe. Leak was approximately 560 feet South of SS.MH.T0006187. SS.MH.T0006187 is only mentioned for a reference point. This leak was caused by old ARV.	Installed New ARV	No
8/13/2021	7:50:00 PM	8/13/2021	8:40:00 PM	6401 S Broadway Ave, Tyler, TX, 75703	SS.GM.T0003233	West Mud Creek	1,000	1,000	MANHOLE	FATS, OIL, GREASE	No	Yes, 11/4/2019	Sewer leaking out of manhole. SS.MH.T0003815 was leaking approximately 20 gallons per minute for 50 minutes = 1,000 gallons into storm drain. Stop was relieved from SS.MH.T0014297 by jetting SS.GM.T0003233 for 2 feet. Stop was approximately 2 feet from SS.MH.T0014297. This stop was caused by grease. The CCTV discovered grease coming from upstream.	Heavy Cleaning and Refer to FOG Program	No
8/17/2021	10:45:37 AM	8/17/2021	4:00:00 PM	1930 Ferrell St, Tyler, TX, 75701	SS.GM.T0004721	Black Fork Creek	4,500	4,500	MANHOLE	ROOTS	No	No	Sewer leaking out of manhole. SS.MH.T0005868 was leaking approximately 100 gallons per minute for 45 minutes = 4,500 gallons into creek. Stop was relieved from SS.MH.T0003263 by jetting SS.GM.T0008037 for 800 feet. Stop was approximately 250 feet from SS.MH.T0008715. This stop was caused by roots. CCTV shows us that this gravity main had a brick in it, which we removed. We were also able to see several root masses which were cabled as well.	Place in Root Control Program	No
8/18/2021	7:00:00 PM	8/18/2021	9:00:00 PM	8800 C R 1125, Tyler, TX, 75709	SS.FM.T0000042	Indian Creek	14,000	14,000	FORCE MAIN	BREAKS, OTHER CAUSES	No	No	Sewer leaking out of force main. SS.FM.T0000042 was leaking approximately 117 gallons per minute for 120 minutes = 14,000 gallons into creek. Stop was relieved by repairing SS.FM.T0000042 by replacing 15 ft. of pipe. Stop was approximately in front of 8800 CR 1125. We removed and replaced 5 yards of top soil. This leak was caused by crack in the force main.	Repair Force Main	No
8/24/2021	10:00:00 AM	8/25/2021	7:10:00 PM	1909 Shiloh, Tyler, TX, 75703	SS.GM.T0011431	West Mud Creek	16,380	16,380	GRAVITY MAIN	BREAKS, OTHER CAUSES	No	No	Sewer leaking out of gravity main. SS.GM.T0011431 was leaking approximately 30 GPM for 256 minutes=16,380 gallons into creek. Stop was relieved by repairing the gravity main at the creek crossing. The leak was approximately 100 ft West of SS.MH.T0015436.	Repair Sewer Main	No
8/29/2021	6:00:00 PM	8/29/2021	6:45:00 PM	N Beverly Ave & E Line St, Tyler, TX, 75702	SS.GM.T0004844	Black Fork Creek	450	450	GRAVITY MAIN	FATS, OIL, GREASE	No	Yes, 4/5/2017, 12/27/2017, 3/4/2021	Sewer leaking out of manhole. SS.MH.T0004598 was leaking approximately 10 gallons per minute for 45 minutes = 450 gallons into creek. Stop was relieved from SS.MH.T0004599 by washing/jetting SS.GM.T0004844 for 505 feet. Stop was approximately 480 feet from SS.MH.T0004599. This stop was caused by grease and debris buildup.	Referred to FOG Program and Place on High Frequency Cleaning List	No
8/30/2021	9:00:00 AM	8/30/2021	10:00:00 AM	2421 E SE Loop 323, Tyler, TX, 75701	SS.MH.T0006597	Black Fork Creek	120	120	PRIVATE CLEANOUT	CONTRACTOR DAMAGE	No	Yes, 9/22/2020	Sewer leaking out of private cleanout. SS.MH.T0006597 was blocked. Cleanout leaked approximately 2 gallons per minute for 60 minutes = 120 gallons into storm drain. Stop was relieved from SS.MH.T0006597 by unblocking the invert. Stop was in SS.MH.T0006597. Area was flushed with 2000 gallons of fresh water, and disinfected with HTH. Recovered 3,000 gallons of wash water, disinfectant, and sewer mixture. This stop was caused by contractors bypassing service & it kinked in the hose.	Follow Up Inspection of Contractor Bypass	No

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Kate Dietz, P.E. - Director of Utilities


Date

City of Tyler
Consent Decree, DOI No. 90-5-1-1-09767
Quarterly Report - 2021 Quarter 4
01 October 2021 through 31 December 2021

Start Date	Start Time	Finish Date	Finish Time	Address/Location	Asset ID	Receiving Stream	Estimated Volume Discharged (gal)	Estimated Volume Recovered (gal)	Component from Which SSD Was Released	Suspected Cause of SSD	Potential Danger to Human Health & Safety or the Environment	Repeat SSOT if yes, list date(s) of previous SSD(s) at this address/asset	Comments/Response	Follow-Up Actions	Public Notification Made?
10/1/2021	4:00:00 PM	10/1/2021	11:59:00 PM	12673 C R 46, Tyler, TX, 75704	SS.GM.T0012009	Black Fork Creek	24,000	24,000	MANHOLE	DEBRIS ROOTS	No	No	Sewer leaking out of manhole. SS.MH.T0008564 was leaking approximately 50 gallons per minute for 480 minutes = 24,000 gallons into creek. Stop was relieved from 1 ft. downstream from SS.MH.T0008564 by diverting overflow to SS.GM.T0012009. Stop was approximately 1 ft. from SS.MH.T0008564. Area was flushed with 120,000 gallons of fresh water, and disinfected with lime. Recovered 72,000 gallons of wash water, disinfectant, and sewer manure. This stop was caused by debris.	Other: Repair Sewer Main	No
11/12/2021	8:16:00 PM	11/12/2021	8:55:00 PM	2036 Montrose Dr, Tyler, TX, 75701	SS.GM.T0005877	Black Fork Creek	2,730	400	MANHOLE	DEBRIS FATS, OIL, GREASE	No	No	Sewer leaking out of manhole. SS.MH.T0006684 was leaking approximately 70 gallons per minute for 36 minutes = 2,730 gallons into storm drain. Stop was relieved from SS.MH.T0012810 by jetting. SS.GM.T0005977 for 331 feet. Stop was approximately 10 feet from SS.MH.T0006683. Area was flushed with 800 gallons of fresh water, and disinfected with HTH. Recovered 400 gallons of sewer. This stop was caused by debris.	Other: Place on High Frequency Cleaning List Schedule Follow-Up CCTV Inspection	No
11/17/2021	5:45:00 PM	11/17/2021	7:47:00 PM	6150 Rhones Quarter Rd, Tyler, TX, 75707	SS.FM.T0000064	Hill Creek	5,700	2,500	FORCE MAIN	CONTRACTOR DAMAGE	No	No	Sewer was leaking out of force main SS.FM.T0000064 approximately 300 gallons per minute for 19 minutes = 5,700 gallons went into creek. Stop was relieved by shutting down the lift station. SS.FM.T0000064 was repaired at the 90 degree turn near the entrance to 6150 Rhones Quarter Rd.. Directional boring collided with the force main approximately 1 foot from the turn in the line where it heads north. The actual start & finish time are different, for the lift station periodically turned on 4 minutes for every 22 minutes it was off. Area was flushed with 3000 gallons of fresh water, and disinfected with HTH. Recovered 2,500 gallons of sewer. This stop was caused by contractors boring underground.	Other: Reviewed Contractor Utility Locates	No
11/23/2021	10:05:00 AM	11/23/2021	11:00:00 AM	Morning Star Dr & Holly Star Dr, Tyler, TX, 75703	SS.GM.T0010551	Contained In Storm Drain	185	120	MANHOLE	FATS, OIL, GREASE	No	No	Sewer leaking out of manhole. SS.MH.T0007335 was leaking approximately 3 gallons per minute for 55 minutes = 185 gallons into storm drain. Stop was relieved from SS.MH.T0007335 by jetting. SS.GM.T0010551 for 447 feet. Stop was approximately 200 feet from SS.MH.T0007335. Area was flushed with 500 gallons of fresh water, and disinfected with HTH. Recovered 120 gallons of sewer. The sewer entered a storm drain but never made it into the waters of the state.	Other: Place on High Frequency Cleaning List Schedule Follow-Up CCTV Inspection	No
12/1/2021	9:00:00 PM	12/2/2021	3:00:00 AM	4043 Troup Hwy, Tyler, TX, 75703	SS.GM.T0001749	West Mud Creek	10,800	8,640	GRAVITY MAIN	BREAKS DUE TO EROSION BREAKS, OTHER CAUSES	No	Yes-2/5/2020, 2/22/2020, and 11/5/2021	Sewer leaking from a broken gravity main at a creek crossing. SS.GM.T0001749 was leaking approximately 30 gallons per minute for 360 minutes = 10,800 gallons into W. Mud creek. Stop was relieved by repairing SS.GM.T0001749 by cutting out old pipe & replacing 8ft of new PVC. Break was approximately 70 feet north of SS.MH.T0005580. Area was flushed with 72,000 gallons of fresh water, and disinfected with lime on the creek bank. Recovered 8,640 gallons of sewer. This leak was caused by decaying pipe that broke due to heavy concrete encasement where the base is washing out from erosion.	Other: Place on High Frequency Cleaning List Repair Sewer Main Schedule Follow-Up CCTV Inspection Repair the Crossing with Heavy Duty Material.	No
12/7/2021	11:00:22 AM	12/7/2021	11:15:00 AM	S Broadway Ave & E 4th St, Tyler, TX, 75701	SS.GM.T0006099	Contained In Storm Drain	75	75	MANHOLE	OFFSET	No	No	Sewer leaking out of manhole. SS.MH.T0004713 was leaking approximately 5 gallons per minute for 15 minutes = 75 gallons into storm drain. Stop was relieved from SS.MH.T0004710 by jetting SS.GM.T0006099 for 358 feet. Stop was approximately 300 feet from SS.MH.T0004710. Area was flushed with 250 gallons of fresh water, and disinfected with HTH. Recovered 75 gallons of sewerage. This stop was caused by offset pipe.	Other: Repair Sewer Main Schedule Follow-Up CCTV Inspection	Yes
12/7/2021	4:30:59 PM	12/7/2021	7:00:03 PM	Devine St & Pinkerton St, Tyler, TX, 75701	SS.GM.T0013202	Contained In Yard	90	0	MANHOLE	DEBRIS ROOTS	No	No	Sewer leaking out of manhole. SS.MH.T0005808 was leaking approximately 2 gallons per minute for 45 minutes = 90 gallons into area around manhole. Stop was relieved from SS.MH.T00013064 by jetting SS.GM.T00013202 for 18 feet. Stop was approximately 15 feet from SS.MH.T00013064. Area was flushed with 200 gallons of fresh water, and disinfected with HTH. All sewerage was contained in area around manhole. Ground was sucking it up. This stop was caused by roots, and debris. Unable to recover due to steep slopes and heavy vegetation.	Place on High Frequency Cleaning List Schedule Follow-Up CCTV Inspection	No
12/10/2021	1:50:00 PM	12/10/2021	2:10:07 PM	S Fannin Ave & E Rix St, Tyler, TX 75701	SS.GM.T0006075	Black Fork Creek	100	100	MANHOLE	ROOTS	No	No	Sewer leaking out of manhole. SS.MH.T0012810 was leaking approximately 5 gallons per minute for 20 minutes = 100 gallons into storm drain. Stop was relieved from SS.MH.T0003313 by Jetting SS.GM.T0006075 for 94 feet. Stop was approximately 80 feet from SS.MH.T0003313. Area was flushed with 200 gallons of fresh water, and disinfected with HTH. Recovered 100 gallons of sewage. This stop was caused by roots.	Place on Root Control Program Repair Sewer Main Schedule Follow-Up CCTV Inspection	No
12/13/2021	12/13/2021	12/13/2021	12/13/2021	6429 Sydney Rd, Whitehouse, TX, 75791	SS.FM.T0000080	Contained In Yard	800	600	FORCE MAIN	BREAKS, OTHER CAUSES	No	Yes, 11/15/2019 & 12/13/2021	Sewer leaking out of ARV. ARV not on GIS. ARV was leaking approximately 10 gallons per minute for 80 minutes = 800 gallons into yard. Stop was relieved by turning of lift station. Stop was approximately 10 feet from east Grande lift station. Area was flushed with 2000 gallons of fresh water, and disinfected with HTH. Recovered 600 gallons of sewer. This stop was caused by a broken ARV.	Repair Sewer Main by Removing a Clamp that held an ARV and placing a New Clamp	No
12/16/2021	2:25:00 PM	12/16/2021	3:00:00 PM	W 5th St & Old Noonday Rd, Tyler, TX, 75701	SS.GM.T0009313	Indian Creek	105	75	MANHOLE	OFFSET/MATERIAL CHANGE	No	No	Sewer leaking out of manhole. SS.MH.T0000782 was leaking approximately 3 gallons per minute for 35 minutes = 105 gallons into creek. Stop was relieved from SS.MH.T0000792 by jetting SS.GM.T0009313 for 250 feet. Stop was approximately 250 feet from SS.MH.T0000792. Area was flushed with 1,000 gallons of fresh water, and disinfected with HTH. Recovered 75 gallons of wash water, disinfectant, and sewer mixture. This stop was caused by grease.	Point Repair by Removing 4 ft. of Old Ductile Pipe. Replace with PVC. We also installed a New Manhole where there was a 90 degree turn.	No
12/18/2021	6:50:00 PM	12/18/2021	8:10:00 PM	5502 S Broadway Ave, Tyler, TX, 75703	SS.GM.T0002043	West Mud Creek	8000	4000	MANHOLE	DEBRIS FATS, OIL, GREASE	No	No	Sewer leaking out of manhole. SS.MH.T0004149 was leaking approximately 100 gallons per minute for 80 minutes = 8,000 gallons into creek. Stop was relieved from SS.MH.T0003616 by jetting. SS.GM.T0002043 for 200 feet. Stop was approximately 8 feet from SS.MH.T0004149. Area was flushed with 4,500 gallons of fresh water, and disinfected with HTH. Recovered 4,000 gallons of wash water, disinfectant, and sewer mixture. This stop was caused by debris.	Remove Scale from Iron Pipe Schedule Follow-Up CCTV Inspection Refer to the FOG program due to the Location for as many Restaurants are tied into this line	No
12/21/2021	10:25:21 AM	12/21/2021	10:50:28 AM	1600 W Mims St, Tyler, TX, 75702	SS.GM.T0005928	Black Fork Creek	625	330	MANHOLE	DEBRIS FATS, OIL, GREASE	No	No	Sewer leaking out of manhole SS.MH.T0002916 was leaking approximately 25 gallons per minute for 25 minutes = 625 gallons into creek. Area was flushed with 2,000 gallons of fresh water, and disinfected with HTH. Stop was relieved from SS.MH.T0002915 by jetting SS.GM.T0005928 for 65 feet. Stop was approximately 94 feet from SS.MH.T0002916. Recovered 330 gallons of sewer. This stop was caused by debris.	Place on High Frequency Cleaning List Schedule Follow-Up CCTV Inspection Inform the Public about FOG by passing out informative flyers.	No
12/27/2021	6:30:38 PM	12/27/2021	7:15:00 PM	S Glenwood Blvd & W Elm St, Tyler, TX, 75702	SS.GM.T0007537	Contained In Yard	675	675	MANHOLE	FATS, OIL, GREASE	No	No	Sewer leaking out of manhole. SS.MH.T0001828 was leaking approximately 15 gallons per minute for 45 minutes = 675 gallons into yard. Stop was relieved from SS.MH.T0001828 by jetting SS.GM.T0007537 for 50 feet. Stop was approximately 50 feet from SS.MH.T0001828. Area was flushed with 1,000 gallons of fresh water and disinfected with HTH. Recovered 675 gallons of sewer. This stop was caused by grease.	Place on High Frequency Cleaning List Schedule Follow-Up CCTV Inspection	No
12/28/2021	8:38:00 AM	12/28/2021	9:15:00 AM	200 Glenhaven Dr, Tyler, TX, 75701	SS.GM.T0002116	West Mud creek	148	100	MANHOLE	DEBRIS	No	No	Sewer leaking out of manhole. SS.MH.T0003988 was leaking approximately 4 gallons per minute for 37 minutes = 148 gallons into storm drain. Stop was relieved from SS.MH.T0000351 by jetting SS.GM.T0000463 and SS.GM.T0002116 for 346 feet. Stop was approximately 200 feet from SS.MH.T0000351. Area was flushed with 1000 gallons of fresh water, and disinfected with HTH. Recovered 100 gallons of sewer. This stop was caused by debris.	Place on High Frequency Cleaning List Schedule Follow-Up CCTV Inspection	No

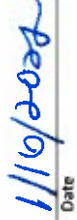
City of Tyler
Consent Decree, DOJ No. 90-5-1-1-09767
Quarterly Report - 2021 Quarter 4
01 October 2021 through 31 December 2021

Date	Start Time	Finish Date	Finish Time	Address/Location	Asset ID	Receiving Stream	Estimated Volume Discharged (gal)	Estimated Volume Recovered (gal)	Component from Which SSO Was Released	Suspected Cause of SSO	Potential Danger to Human Health & Safety or the Environment	Repeat SSO? If yes, list date(s) of previous SSO(s) at this address/asset	Comments/Response	Follow-Up Actions	Public Notification Made?
2021	2:37:00 PM	12/29/2021	4:37:00 PM	2705 Rachel Ave, Tyler, TX, 75701	SS GM.T0007432	Indian Creek	1,200	1,000	GRAVITY MAIN	BREAKS DUE TO EROSION FLOODING	No	No	Sewer leaking out of gravity main SS GM.T0007432. GM was leaking approximately 10 gallons per minute for 120 minutes = 1,200 gallons into creek. We did not disinfect, but flushed the creek and pumped from a downstream source recovering 1,000 gallons of sewer. This stop was caused by broken pipe due to erosion.	Repair Sewer Main	No
2021	3:45:51 PM	12/30/2021	4:15:24 PM	1116 E Dawson St, Tyler, TX, 75701	SS GM.T0014779	Black Fork Creek	150	150	MANHOLE	DEBRIS	No	No	Sewer leaking out of manhole SS.MH.T0014772 was leaking approximately 5 gallons per minute for 30 minutes = 150 gallons into creek. Stop was relieved from SS.MH.T0014028 by jelling SS GM.T0014779 for 445 feet. Stop was approximately 5 feet from SS.MH.T0014772. Area was flushed with 1,000 gallons of fresh water, and disinfected with HTH. Recovered 150 gallons of sewer. This stop was caused by baby wipes.	Place on High Frequency Cleaning list Schedule follow-up CCTV inspection Notify Pre Treatment and perform a Public Service Announcement about Bathroom Products that the City is finding in the Collections System	No

CERTIFICATION:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.


Kate Dutz, P.E. - Director of Utilities


Date

Section D. Training Program (Paragraph 19):

Information relative to City of Tyler’s training program is attached. **Table D-1** lists all training activities during the 1 January 2021 through 31 December 2021 reporting period. Safety training is not included and other unrelated training is not included.

Special training on “Sanitary Sewer Overflow Calculating” was conducted for the TWU operators on December 10, 2021, and the presentation for the training is attached as **Figure D-1**.

Table D-1: Training Activities

Tyler Water Utilities



Completed Training List

Filter: Begin: 1/1/2021, End: 12/31/2021

Trained Date	Course Title	Course Number	Version	Personnel Name	Group	Score	Credits	Hours
12/9/2021	PACP	CRS0001006	1	Baldwin, Jonathan	Administrator		20	30
12/9/2021	PACP	CRS0001006	1	Gomez, Rogelio	Preventive Maintenance		20	30
12/9/2021	PACP	CRS0001006	1	Moore, Sr., Timothy	Admin/Office/Supervisor		20	30
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Adams, Joe	Repair/Construction			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Antonio, Hubbard	Admin/Office/Supervisor			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Barnes, Shane	Preventive Maintenance			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Battee, William	Meter Shop-Flushing			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Bradley, Shane	Repair/Construction			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Brigido, Flores	Preventive Maintenance			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Carter, Travis	Preventive Maintenance			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Com, Mitch	Admin/Office/Supervisor			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Cravens, Tim	Repair/Construction			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Curtis, Mike	Repair/Construction			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Drew, Tyeko	Locator			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Espinosa, David	Repair/Construction			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Espinosa, Miguel	Repair/Construction			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Gomez, Phillip	Admin/Office/Supervisor			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Gomez, Rogelio	Preventive Maintenance			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Howell, Mathew	Meter Shop-Flushing			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Jimenez, Juan	Preventive Maintenance			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Jones, Eric	Preventive Maintenance			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Lombara, Juan	Repair/Construction			3



Completed Training List

Filter: Begin: 1/1/2021, End: 12/31/2021

Trained Date	Course Title	Course Number	Version	Personnel Name	Group	Score	Credits	Hours
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Marshall, Eddie	Admin/Office/Supervisor			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Martinez, Arturo	Repair/Construction			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Mitchum, Jeremy	Preventive Maintenance			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Moore, Sr., Timothy	Admin/Office/Supervisor			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Phillips, Horacio	Flushing Crew			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Phillips, Jerry	Repair/Construction			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Roquemore, DaRavian	Locator			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Scott, Tina	Admin/Office/Supervisor			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Tudor, Teresa	Admin/Office/Supervisor			3
8/17/2021	TX Hazard Communication Training	CRS0001021	1	Zuniga, Ivan	Repair/Construction			3
8/11/2021	Valve & Maintenance	CRS0001022	1	Moore, Sr., Timothy	Admin/Office/Supervisor			20
6/18/2021	PACP	CRS0001006	1	Corn, Mitch	Admin/Office/Supervisor		20	20
6/18/2021	PACP	CRS0001006	1	Jimirez, Juan	Preventive Maintenance		20	20

Report Record Count: 35

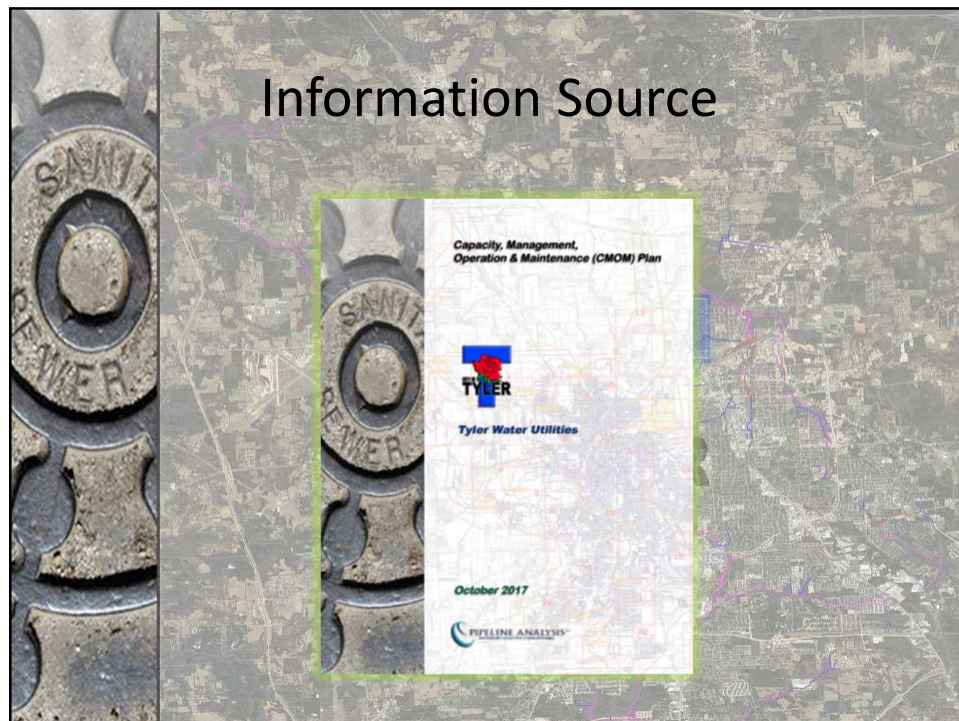
Report Summary:

100 237

Figure D-1: Special Training Presentation

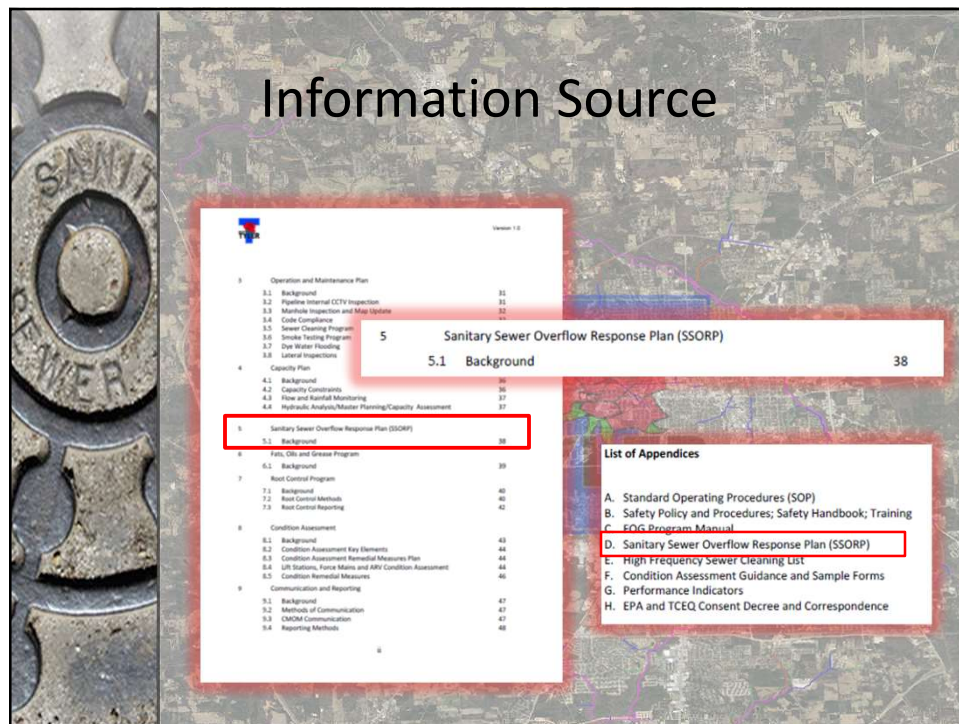


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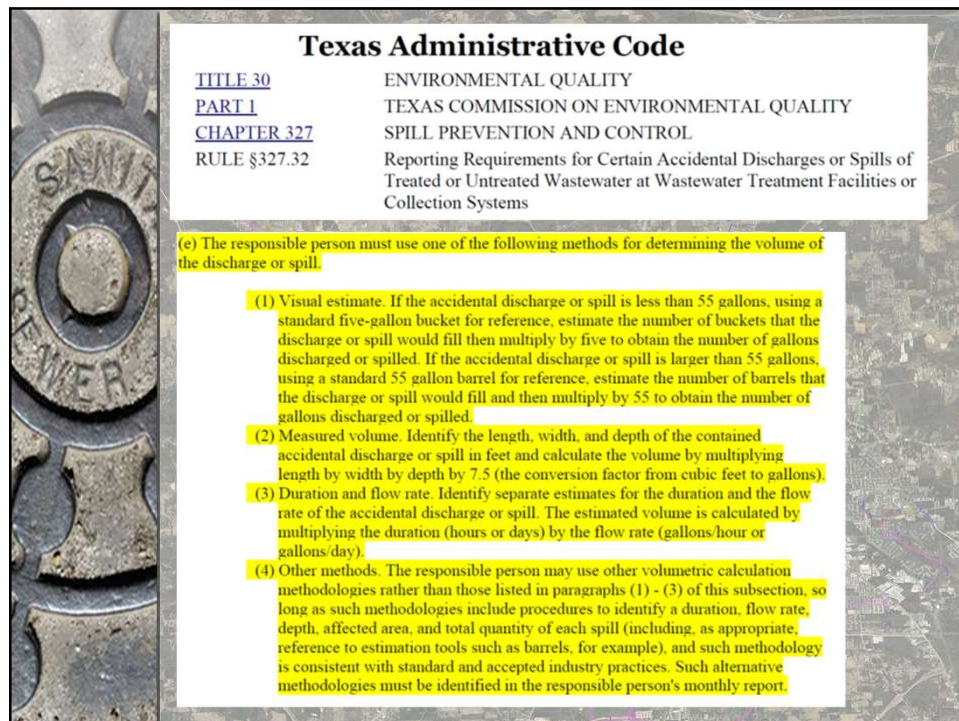


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Figure D-1: Special Training Presentation

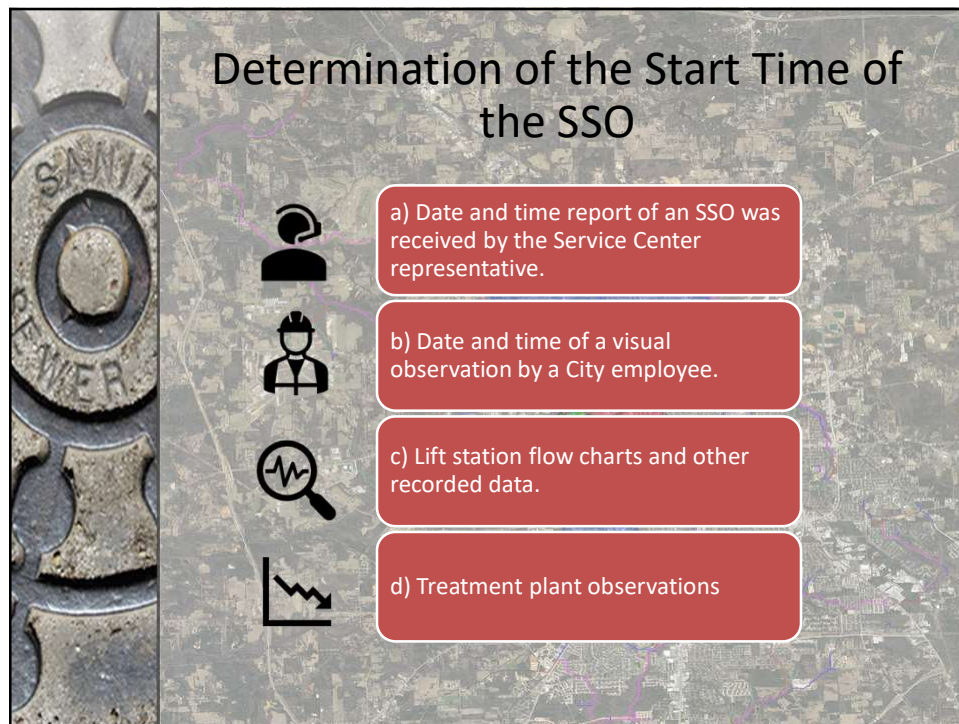


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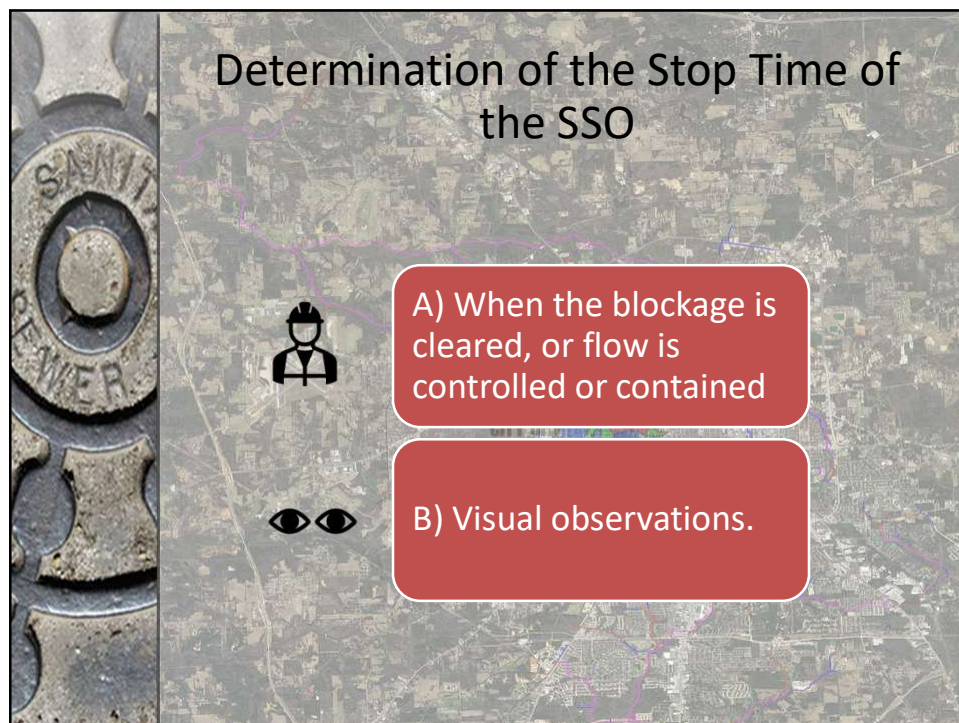


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Figure D-1: Special Training Presentation

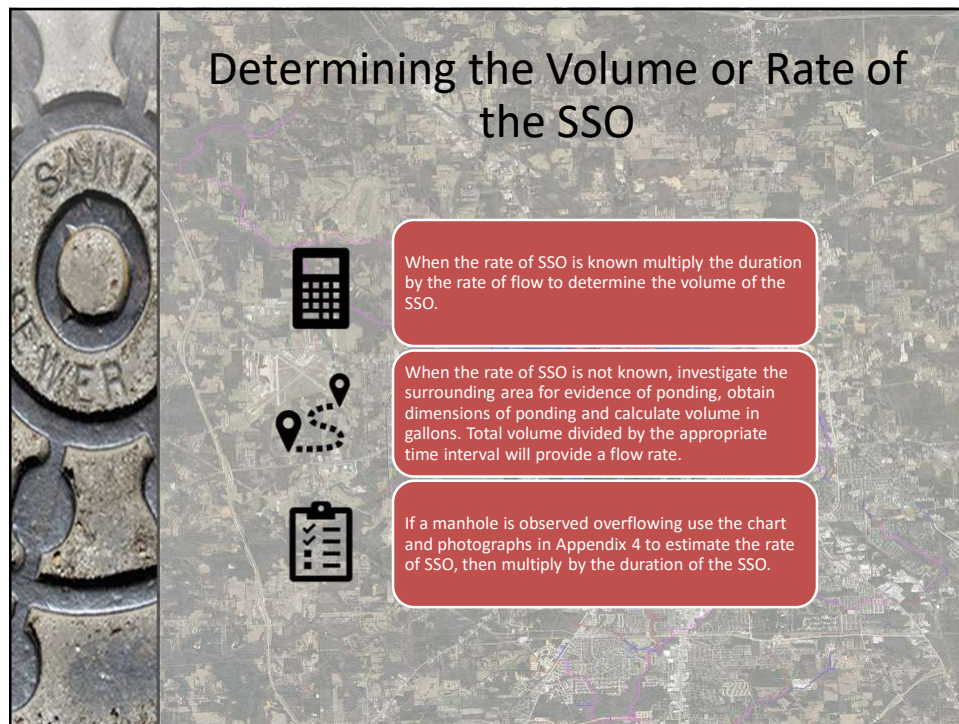


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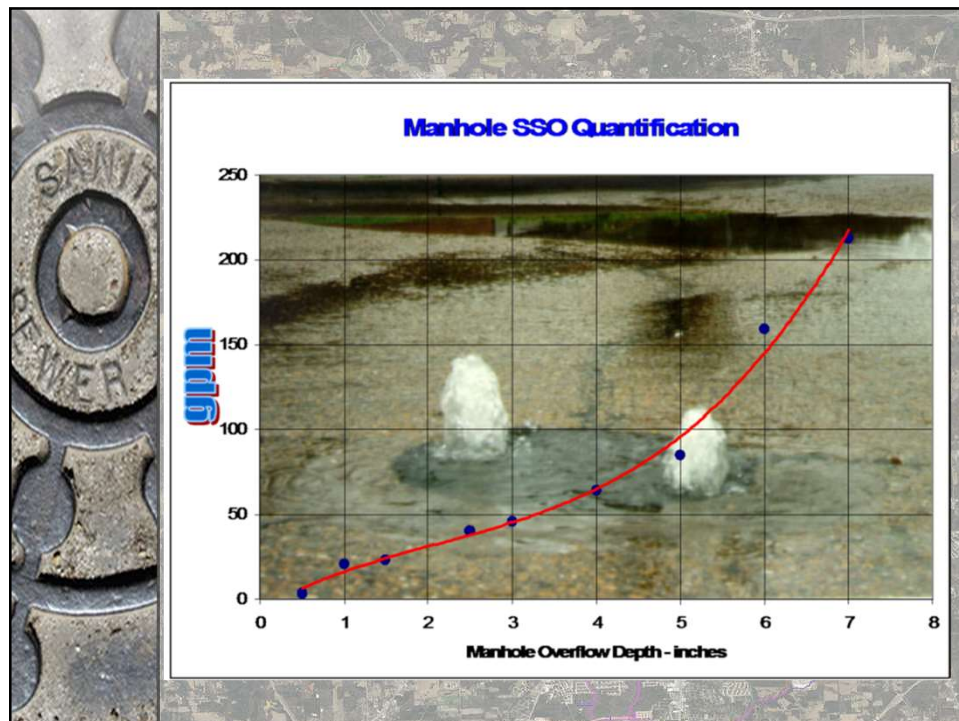


6

Figure D-1: Special Training Presentation

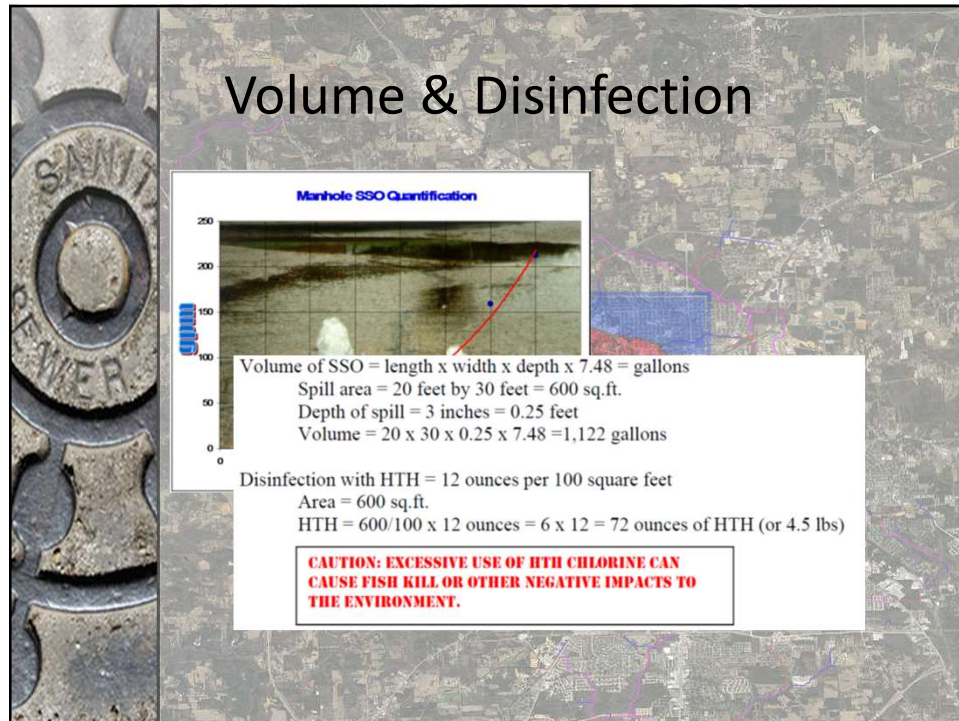


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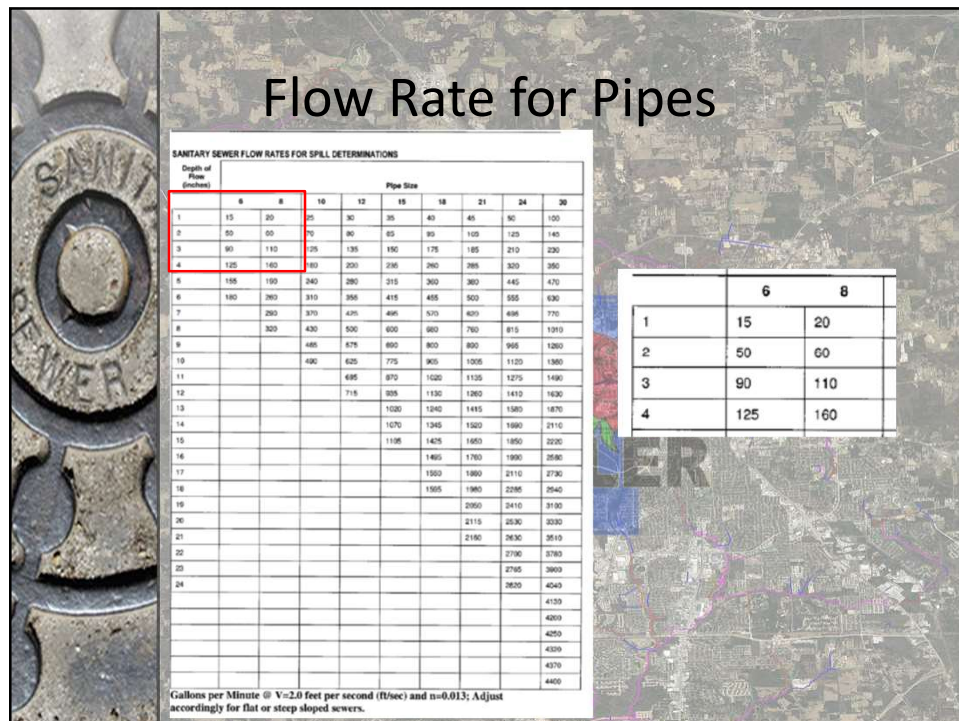


8

Figure D-1: Special Training Presentation

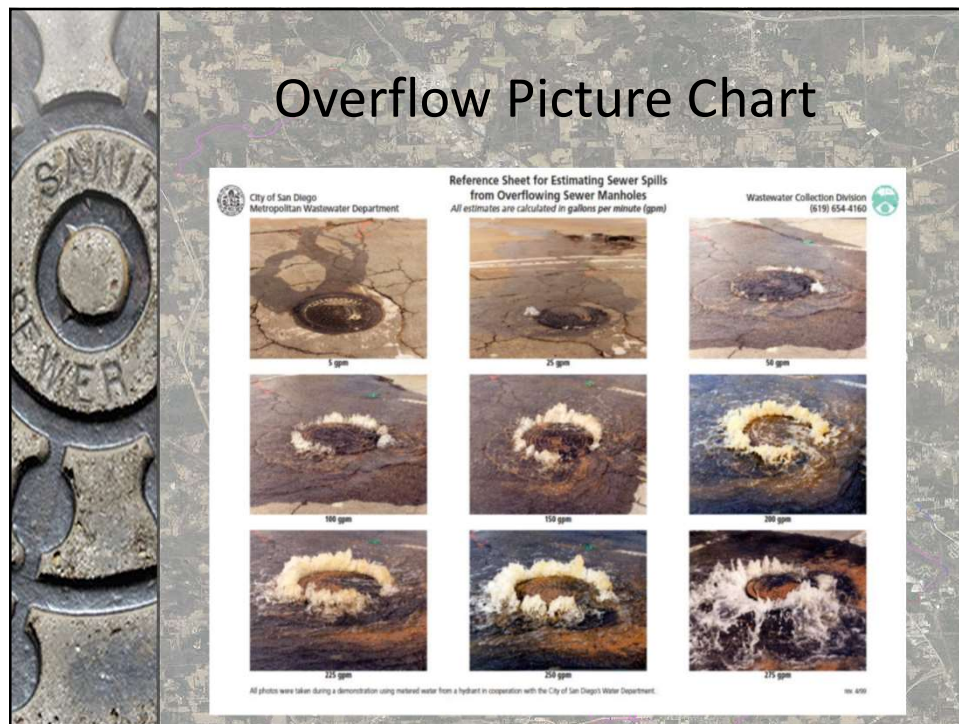


9



10

Figure D-1: Special Training Presentation



11



12

Figure D-1: Special Training Presentation



13



14

Figure D-1: Special Training Presentation



15



16

Figure D-1: Special Training Presentation

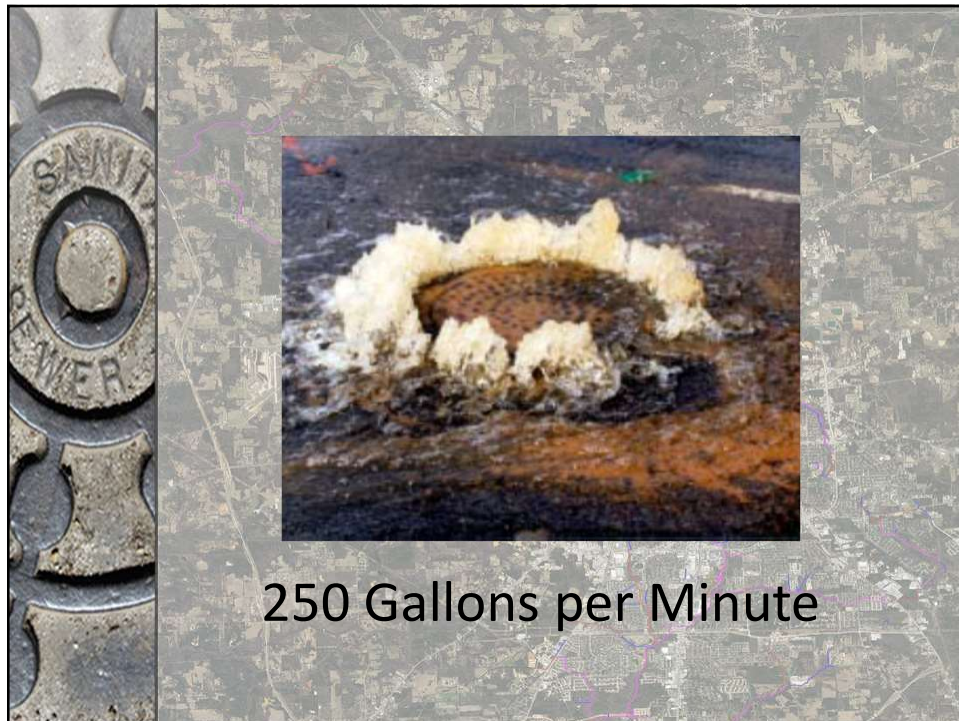


17



18

Figure D-1: Special Training Presentation

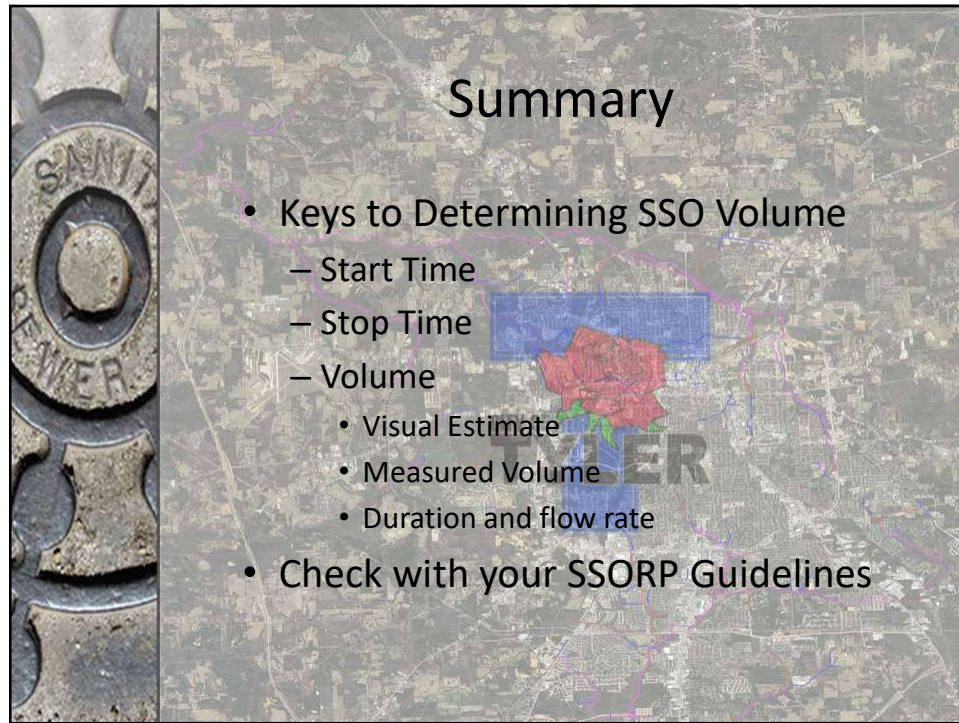


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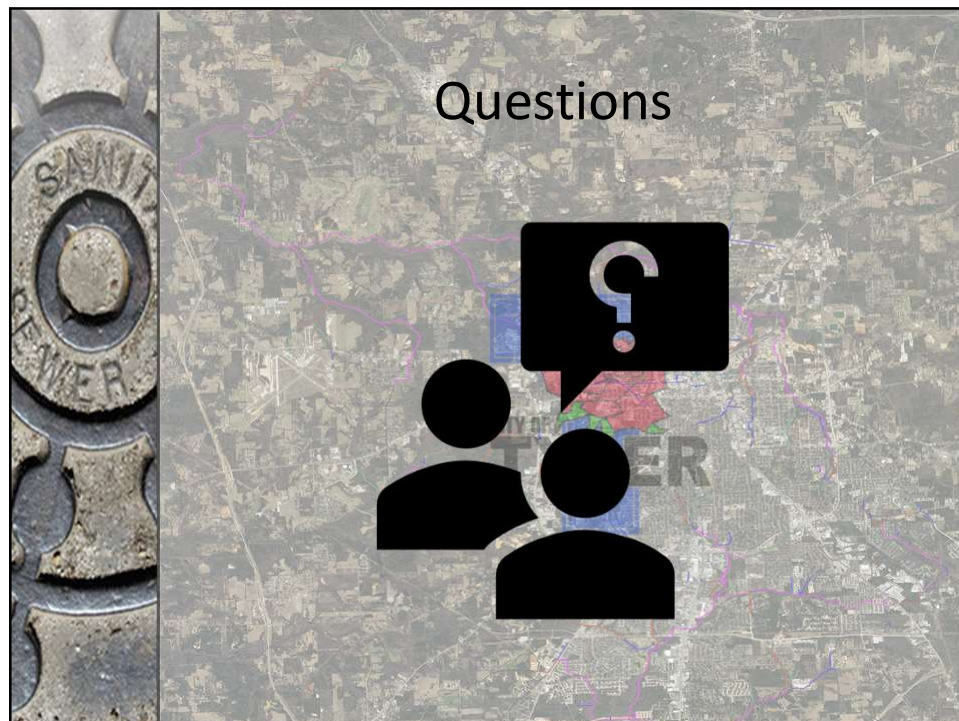


20

Figure D-1: Special Training Presentation



21



22

Section E. SSO Reporting (Subparagraph 24.c and Paragraph 25):

Monthly Compliance Reports

See the following pages for copies of monthly compliance reports for the 1 January 2021 through 31 December 2021 reporting period.

Releases or Backups from Private Laterals

Table E-1 displays the releases or backups from private laterals that occurred during the 1 January 2021 through 31 December 2021 reporting period. There were no releases or backups from private laterals for 2021.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **January 2021**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler** 903-531-1285

EPA ID No: **TX 0047996**

Regulated Entity No: Click here to enter text.

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-001 Westside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
1/13/2021 2:15pm	1/13/2021 3:30pm	750	2695 SSW Loop 323	F.O.G.	Cctv, pm wash, pm cable, wash and treat HFCEP	Call came in @ 2:15 pm .Relieved stop @ 3:30 p.m. MH overflowing 10 gpm x 75 min=750 gallons of sewer contained in yard. Ran MH T0001390 south 226 ft to next mh to relieve stop. This was a Grease stop. Notified Tim Cravens.	75
1/27/2021 11:40am	1/27/2021 12:15 pm	35	3326 Craftdale	Protrud ing tap	Cctv, pm wash, pm cable, added to HFCEP/wash, removed PT	"Customers cleanout was leaking approx. 1 gpm x 35 min = 35 gal of sewer that was contained in customer's yard. We flushed with approx. 200 gals of fresh water and disinfected with HTH. We VAC'd 235 gals of fresh/sewer mix and disposed at Westside Treatment plant. Call came in @ 11:40, 607 was notified, and this was a debris stop."	35
1/27/2021 11:50am	1/27/2021 12:30pm	80	2441 Sunnybrook	Broken main	Repair sewer main, cctv, wash main	Call came in at 11:50am crew received call at 11:55am arrival time was 12:15pm relieved stop at 12:30pm mh0003950 was leaking approximately 2gpm x 40min=80gals of sewer that was contained in storm drain which was sprayed with 200gals of fresh water from vac truck and disinfected with hth making it 280gals of sewer and fresh water mix that was d-caned back into sewer system this was a root and grease stop that was relieved from mh0002479 running south 112ft management was notified of findings	40

TCEQ-20756 (06-27-16)

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Note: A copy of this form should be sent to your TCEQ Regional Office no later than the 20th day of the following month and the original to the TCEQ Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087

*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **January 2021**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler** 903-531-1285

EPA ID No: **TX0047988**

Regulated Entity No: Click here to enter text.

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-002** **Southside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
1/27/2021 3:00pm	1/27/2021 4:30pm	450	2306 Frankston Hwy	F.O.G	Pm cable , pm wash, cctv, HFCP/wash treat	Call came in @ 3:00pm crew relieved call @ 3:05 arrived at location at 3:20pm relieved stop @ 3:20pm mh0002416 was leaking approximately 5gpmx90min=450gals of sewer that flowed and was contained in storm drain which was sanitized with area and flushed the storm drain with 1,000gals of fresh water making it 1,450gals of sewer and water mix that was pumped up and d-caned back into sewer system this was a grease stop that was relieved from mh0002415 running west 149ft management was notified	90 min

Information Reported by (Name/Title): Michael Norris/Manager Wastewater Treatment Systems		Signature: _____
Date Reported:		Attn: Lisa Fisher
		Mailed to Austin:

When reporting an accidental or unauthorized discharge or spill, it is important to include all information that is requested on the notification form. If you have questions about the form, do not hesitate to call your TCEQ Regional Office and ask to speak to a wastewater investigator. All

TCEQ-20756 (06-27-16)

Page 1

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*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **Feb 2021**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler** 903-531-1285

EPA ID No: **TX 0047996**

Regulated Entity No: Click here to enter text.

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-001 Westside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
2/12/2021 8:15am	2/12/2021 9:00am	45	2616 w. NW loop 323	debris	HFCP wash, cctv	MH T000258 was leaking approx. 1gpm x45 min =45 gallons of sewer that was contained in storm drain. We flushed with 200 gallons of freshwater and disinfected site with hth. We pumped 245 gallons of sewer and water and placed back into the sewer system. Call came in at 8:15am. Mitch Corn was notified. This was a debris stop.	45 min.
2/19/2021 7:00pm	2/19/2021 9:00pm	240	838 S fleishel	FOG	CCTV, HFCP wash & treat, HFCP Pm cable	Manhole: T0005083 was leaking approx. 2gpm X 120min = 240 gallons of sewer that was contained in storm drain system. We flushed storm drain system with 500 gallons of fresh water and disinfected with HTH. We pumped 740 gallons of fresh/ sewer mix and placed it back into the sewer system. Call came in at 7:00p.m Mitch corn was notified. This was a grease stop.	120 min.
Information Reported by (Name/Title): Michael Norris/ Manager Wastewater Treatment Systems							Signature: _____

TCEQ-20756 (06-27-16)

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*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **February 2021**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler** **903-531-1285**

EPA ID No: **TX0047988**

Regulated Entity No: Click here to enter text.

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-002** **Southside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
2-20-2021 4:30pm	2-20-21 6:30pm	120	1827 Rickety	sludge	HFCP PM Wash, CCTV	Resident clean out was leaking approx. 1gpm X 120 = 120 gallons of sewer that was contained in Yard. We flushed yard with 500 gallons of fresh water and disinfected with HTH. We pumped 620 gallons of fresh/ sewer mix and placed it back into the sewer system. Call came in at 4:30p.m Mitch com was notified. This was a grease stop.	120 min.
2/1/2021 7:30AM	2/1/2021 8:45AM	150	Shelly & Broadway	Grease, excessive flow	CCTV, HFCP wash & treat	(Copied from Service Request 37548): "MH5171 was leaking approx. 2 gpm x 75 min = 150 gal of sewer that was contained in storm drain. We flushed with 700 gal of fresh water and disinfected with HTH. We Vatted out a total of 850 gal of fresh/sewer mix and decant back into sewer system. 607 was notified. Call came in @ 0730 to service center" Barnes, Shane 02/1/2021 11:06 AM (Copied from Service Request 37548): "This was a grease stop" Barnes, Shane 02/1/2021 11:31 AM MH5170**	75 min.

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*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **March 2021**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler 903-531-1285**

EPA ID No: **TX 0047996**

Regulated Entity No: Click here to enter text.

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-001 Westside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
3/2/2021 9:34am	3/2/2021 10:15am	41	2500 Walton	Offset pipe	CCTV, sewer main repair	MH was leaking 1gpm x 41 min = 41 gallons of sewer was contained in the storm drain. Ran MH T0001193 south 353 ft to relieve stop. Call came in at 9:34 am. Mitch Corn was notified. This was a Grease stop.	41 min.
3/4/2021 2:00pm	3/4/2021 2:15pm	15	310 N Beverly	grease	HFCP, CCTV, Called to have nearby restaurant grease traps inspected	CO was leaking 1gpm x 15min=15 gallons of sewer was contained in storm drain. We flushed 200 gallons of freshwater and disinfected site with hth. We pumped 215 gallons of sewer and water and put back into the sewer system. Call came in at 2:00 pm. Mitch Corn was notified. This was a Grease stop.	15 min.
3/19/2021 3:45pm	3/19/2021 4:30pm	225	1420 Old Noon Day	Roots, grease	HFCP Root removal, CCTV	MH was leaking 5 gpm x 45 min =225 gallons of sewer contained in yard. Call came in At 3:45 pm. Mitch Corn was notified. This was a debris and Grease stop.	45 min.
3/29/2021 9:58am	3/29/2021 11:15am	77	2216 SSE Loop 323	debris	CCTV, HFCP pm wash, Repair potential break in line	Sewer leaking out of ground 1gpm x 77 min=77 gallons of sewer contained in yard. Call came in at 9:58 am. This was a debris stop. Mitch Corn was notified.	77 min
3/23/2021 2:03pm	3/23/2021 2:35pm	32	1327 Baxter	MH inverts	CCTV, HFCP Pm Wash, Repair MH>	MH was leaking 1gpm x32 min=32 gallons of sewer was contained in the storm drain. Call came in at 2:03 pm. Mitch Corn was notified. This was a debris stop.	32 min

TCEQ-20756 (06-27-16)

Page 1

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*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
3/26/2021 4:40pm	3/26/2021 5:30pm	150	Camp & Carlyle	Tuberc ulation/ fracture pipe	CCTV, HFEP Pm wash, Repair main	MH: 0004422 was leaking Approx. 3gpmx50minutes= 150 gallons of sewer that entered a storm drain system. We flushed with 500 gallons of fresh water and disinfected with HTH. We pumped 750 gallons of fresh water/sewer mix and placed it back into sewer system. Call came in at 4:40 pm Phillip Gomez was notified. This was a grease stop.	50 min.

Information Reported by (Name/Title): Michael Norris/ Manager Wastewater Treatment Systems

Signature: _____

FAX to 903-525-0389

Attn: Lisa Fisher

Mailed to Austin:

Date Reported: 1/2/2020

1/2/2020

When reporting an accidental or unauthorized discharge or spill, it is important to include all information that is requested on the notification form. If you have questions about the form, do not hesitate to call your TCEQ Regional Office and ask to speak to a wastewater investigator. All information should comply with reporting requirements noted in Texas Water Code Section 26.039, 30 Texas Administrative Code (TAC) Section 305.132, and, if applicable, 30 TAC Section 327.32.

This form may be used in lieu of 24-hour notification to the Regional Office when the accidental or unauthorized discharge or spill meets the requirements in 30 TAC 305.132 and 30 TAC 327.32. You must fax or mail a completed, signed copy within 20 days of the following month to the Water Section Manager at your TCEQ Regional Office. The original, signed copy should be mailed to the address located at the bottom of the form.

General Information

Entity name - permitted name or owner name for subscriber systems.

Permit Number – Your TCEQ WQ permit number (i.e., WQ0012345001). If you are a subscriber, use the RN to which the collection system is associated. If the RN is unknown, please call the TCEQ Regional Office for assistance.

Noncompliance Summary

Volume – volume must be estimated by the one of the four methods outlined in 30 TAC

TCEQ-20756 (06-27-16)



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **March 2021**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler** 903-531-1285

EPA ID No: **TX0047988**

Regulated Entity No: [Click here to enter text.](#)

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-002** **Southside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
3/7/2021 5:40 PM	3/7/2021 7:10PM	90	2417 Plume	Roots	CCTV, HFCEP root removal	Jimenez, Juan 03/7/2021 9:32 PM Resident clean out was leaking Approx. 1gpm X 90min = 90gallons of sewer that was contained in yard. Resident didn't want yard to be flushed with fresh water or disinfected with HTH. We didn't pump any fresh/sewer mix back into sewer system, due to resident not allowing a clean-up. Call came in at 5:40 p.m. Antonio Hubbard was notified. This was a root and debris stop.	90 min.

Information Reported by (Name/Title): Michael Norris/Manager Wastewater Treatment Systems	Signature: _____	Mailed to Austin:
Date Reported:	FAX to 903-525-0389 Attn: Lisa Fisher	

When reporting an accidental or unauthorized discharge or spill, it is important to include all information that is requested on the notification form. If you have questions about the form, do not hesitate to call your TCEQ Regional Office and ask to speak to a wastewater investigator. All information should comply with reporting requirements noted in Texas Water Code Section 26.039, 30 Texas Administrative Code (TAC) Section 305.132, and, if applicable, 30 TAC Section 327.32.

TCEQ-20756 (06-27-16)

Page 1

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*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **May 2021**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler** 903-531-1285

EPA ID No: **TX0047988**

Regulated Entity No: Click here to enter text.

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-002** Southside Plant

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
5/6/2021 5:30pm	5/6/2021 5:45pm	150	5306 Rhones Quarters	sludge	Cctv, pm wash,	Sewer leaking out of clean-out SS.MH.T0009586 was leaking approximately 10 gallons per minute for 15 minutes = 150 gallons contained in yard. Stop was relieved from SS.MH.T0006984 by jetting/SS.GM.T00003073 for 500 feet. Stop was approximately 150 feet downstream from SS.MH.T0006984 Area was flushed with 100 gallons of fresh water, and disinfected with HTH. Recovered 250 gallons of wash water, disinfectant, and sewer mixture.	5 gallon bucket method.
Information Reported by (Name/Title): Michael Norris/Manager Wastewater Treatment Systems Signature: _____ Date Reported: _____ FAX to 903-525-0389 Attn: Lisa Fisher Mailed to Austin:							

When reporting an accidental or unauthorized discharge or spill, it is important to include all information that is requested on the notification form. If you have questions about the form, do not hesitate to call your TCEQ Regional Office and ask to speak to a wastewater investigator. All information should comply with reporting requirements noted in Texas Water Code Section 26.039, 30 Texas Administrative Code (TAC) Section 305.132, and, if applicable, 30 TAC Section 327.32.

TCEQ-20756 (06-27-16)

Note: A copy of this form should be sent to your TCEQ Regional Office no later than the 20th day of the following month and the original to the TCEQ Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087

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*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **June 2021**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler** **903-531-1285**

EPA ID No: **TX0047988**

Regulated Entity No: Click here to enter text.

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-002** **Southside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
6/30/2021 9:53am	6/30/2021 10:52am	885	1920 Stonegate BLVD	Offset/ Broke pipe	Repair main, cctv, pm wash	Sewer leaking out of private cleanout. Clean-out was leaking approximately 15 gallons per minute for 59 minutes = 885 gallons into yard. Stop was relieved from SS.MH.T0007982 by jetting SS.GM.T0011538 for 310 feet. Stop was approximately 310 feet from SS.MH.T0007982. Area was flushed with 9000 gallons of fresh water, and disinfected with HTH. Recovered 500 gallons of wash water, disinfectant, and sewer mixture. This stop was caused by a broke/offset sewer main.	5 gallon bucket method

Information Reported by (Name/Title): Michael Norris/Manager Wastewater Treatment Systems	Signature: _____
Date Reported:	FAX to 903-525-0389 Attn: Lisa Fisher Mailed to Austin:

When reporting an accidental or unauthorized discharge or spill, it is important to include all information that is requested on the notification form. If you have questions about the form, do not hesitate to call your TCEQ Regional Office and ask to speak to a wastewater investigator. All information should comply with reporting requirements noted in Texas Water Code Section 26.039, 30 Texas Administrative Code (TAC) Section 305.132, and, if applicable, 30 TAC Section 327.32.

TCEQ-20756 (06-27-16)

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*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: June 2021

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler** 903-531-1285

EPA ID No: **TX 0047996**

Regulated Entity No: Click here to enter text.

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-001 Westside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
6/30/2021 4:27pm	6/30/2021 5:00pm	198	150 Airport Dr.	Bored thru sewer main	Repair sewer main, cctv, pm wash	Sewer leaking out of street, SS.GmT0011886 was leaking approximately 6 gallons per minute for 33 minutes = 198 gallons into street. Stop was relieved from SS.MH.T0015625 by jetting. SS.GM.T0011886 for 200 feet. Stop was approximately 145 feet from SS.MH.T0008433. Area was flushed with 700 gallons of fresh water, and disinfected with HTH. Recovered 898 gallons of wash water, disinfectant, and sewer mixture.	5 gallon bucket method

Information Reported by (Name/Title): **Michael Norris/ Manager Wastewater Treatment Systems**

Signature: _____

FAX to 903-525-0389

Attn: Lisa Fisher

Mailed to Austin:

Date Reported: 1/2/2020

1/2/2020

TCEQ-20756 (06-27-16)

Note: A copy of this form should be sent to your TCEQ Regional Office no later than the 20th day of the following month and the original to the TCEQ Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087

*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **November 2021**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler** 903-531-1285

EPA ID No: **TX0047988**

Regulated Entity No: Click here to enter text.

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-002** Southside Plant

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
11/23/2021 10:05am	11/23/2021 11:00am	165 gallons	Morning star & Holly star	grease	CCTV, place flyers in neighborhood about placing grease down drain, place on HFCP 6 months	Sewer leaking out of manhole. SS.MH.T0007335 was leaking approximately 3 gallons per minute for 55 minutes = 165 gallons into /storm drain. Stop was relieved from SS.MH.T0007335 by jetting. SS.GM.T0010551 for 447 feet. Stop was approximately 200 feet from SS.MH.T0007335. Area was flushed with 500 gallons of fresh water and disinfected with HTH. Recovered 120 gallons of sewer.	5-gallon bucket method
Information Reported by (Name/Title): Michael Norris/Manager Wastewater Treatment Systems Signature: _____ Date Reported: _____ FAX to 903-525-0389 Attn: Lisa Fisher Mailed to Austin:							

When reporting an accidental or unauthorized discharge or spill, it is important to include all information that is requested on the notification form. If you have questions about the form, do not hesitate to call your TCEQ Regional Office and ask to speak to a wastewater investigator. All information should comply with reporting requirements noted in Texas Water Code Section 26.039, 30 Texas Administrative Code (TAC) Section 305.132, and, if applicable, 30 TAC Section 327.32.

TCEQ-20756 (06-27-16)

Note: A copy of this form should be sent to your TCEQ Regional Office no later than the 20th day of the following month and the original to the TCEQ Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087
*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **December 2021**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler** **903-531-1285**

EPA ID No: **TX0047988**

Regulated Entity No: Click here to enter text.

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-002** **Southside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
12/13/2021 11:40am	12/13/2021 1:00pm	800	6429 Sydney Rd	Split PVC pipe @ARV	Remove old pipe and replace with new pipe.	Sewer leaking out of ARV. ARV not on GIS. ARV was leaking approximately 10 gallons per minute for 80 minutes = 800 gallons into yard. Stop was relieved by turning of lift station. Stop was approximately 10 feet from east Grande lift station. Area was flushed with 2000 gallons of fresh water and disinfected with HTH. Recovered 600 gallons of sewer. This stop was caused by a broken ARV.	5 gallon bucket method

Information Reported by (Name/Title): Michael Norris/Manager Wastewater Treatment Systems	Signature: _____
Date Reported: _____	FAX to 903-525-0389 Attn: Lisa Fisher
	Mailed to Austin:

When reporting an accidental or unauthorized discharge or spill, it is important to include all information that is requested on the notification form. If you have questions about the form, do not hesitate to call your TCEQ Regional Office and ask to speak to a wastewater investigator. All information should comply with reporting requirements noted in Texas Water Code Section 26.039, 30 Texas Administrative Code (TAC) Section 305.132, and, if applicable, 30 TAC Section 327.32.

TCEQ-20756 (06-27-16)

Note: A copy of this form should be sent to your TCEQ Regional Office no later than the 20th day of the following month and the original to the TCEQ Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087

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*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **December 2021**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler 903-531-1285**

EPA ID No: **TX 0047996**

Regulated Entity No: Click here to enter text.

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-001 Westside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
12/7/2021 11:00am	12/7/2021 11:15am	75	Broadway & 4 th St	debris	CCTV, SSO wash. Place on HFCP, we were unable to determine an obvious reason for the overflow. We think an earlier repair made upstream by a contractor may have contributed to some debris.	Sewer leaking out of manhole. SS.MH.T0004713 was leaking approximately 5 gallons per minute for 15 minutes = 75 gallons into storm drain. Stop was relieved from SS.MH.T0004710 by jetting SS.GM.T0006099 for 358 feet. Stop was approximately 300 feet from SS.MH.T0004710. Area was flushed with 250 gallons of fresh water and disinfected with HTH. Recovered 75 gallons of sewerage. This stop was caused by debris.	5-gallon bucket method
12/7/2021 4:30pm	12/7/2021 5:15pm	90	Devine & Pinkerton	Roots debris	We think roots and debris were the reason for the overflow. After CCTV, we noticed a tap root that may have been bigger before it was washed out. We will place line on 6-month HFCP	Sewer leaking out of manhole. SS.MH.T0005808 was leaking approximately 2 gallons per minute for 45 minutes = 90 gallons into area around manhole. Stop was relieved from SS.MH.T00013064 by jetting SS.GM.T00013202 for 18 feet. Stop was approximately 15 feet from SS.MH.T00013064. Area was flushed with 200 gallons of fresh water and disinfected with HTH. All sewerage was contained in area around manhole. Ground was sucking it up. This stop was caused by roots, and debris. Unable to recover due to steep slopes and heavy vegetation.	5-gallon bucket method
12/27/21 6:30pm	12/27/21 7:15pm	675	Glenwood & Elm	Grease, siphon	CCTV, PM Wash. Place this line on HFCP.	Sewer leaking out of manhole. SS.MH.T0001828 was leaking approximately 15 gallons per minute for 45 minutes = 675 gallons into yard. Stop was relieved from SS.MH.T0001829 by jetting SS.GM.T0007537 for 50 feet. Stop was approximately 50 feet from SS.MH.T0001829. Area was flushed with 1000 gallons of fresh water. Recovered 675 gallons of sewer. This stop was caused by grease.	5-gallon bucket method

TCEQ-20756 (06-27-16)

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Table E-1: Listing of Releases and/or Backups from Private Laterals

Work Order	Date	Address/Location	Cause

Section F. System-Wide Routine Cleaning Program (Paragraph 30)

Total Miles of Unique Gravity Sewer Lines Cleaned

The total number of unique miles of gravity sewer lines cleaned during the 1 January 2021 through 31 December 2021 reporting period was 217.9 miles. **Figure F-1** follows and depicts the locations of unique sewer segments cleaned.

Total Miles of Gravity Sewer Lines Cleaned

The total miles of all gravity sewer lines cleaned during the 1 January 2021 through 31 December 2021 reporting period, including all lengths of gravity sewer lines cleaned in accordance with the Revised High Frequency Cleaning Program, was 307.9 miles.

Sewer Segments Added or Removed from the High Frequency Cleaning Program

Table F-1 lists the sewer segments that were added to the High Frequency Cleaning Program's three (3), six (6), and 12 month cycles, respectively. A total of 385 sewer segments were added to the High Frequency Cleaning Program during the 1 January 2021 through 31 December 2021 reporting period.

Table F-2 lists the 63 sewer segments that were removed from the High Frequency Cleaning Program during the 1 January 2021 through 31 December 2021 reporting period.



Table F-1: Gravity Sewer Segments Added to the High Frequency Cleaning Program

Asset ID	Cycle	Asset ID	Cycle	Asset ID	Cycle
SS.GM.T0014216	3	SS.GM.T0000516	6	SS.GM.T0000354	12
		SS.GM.T0000576	6	SS.GM.T0000671	12
		SS.GM.T0000853	6	SS.GM.T0000672	12
		SS.GM.T0001144	6	SS.GM.T0000814	12
		SS.GM.T0001149	6	SS.GM.T0000821	12
		SS.GM.T0001224	6	SS.GM.T0000871	12
		SS.GM.T0001563	6	SS.GM.T0000895	12
		SS.GM.T0001567	6	SS.GM.T0001132	12
		SS.GM.T0001712	6	SS.GM.T0001327	12
		SS.GM.T0001797	6	SS.GM.T0001389	12
		SS.GM.T0002169	6	SS.GM.T0001390	12
		SS.GM.T0002206	6	SS.GM.T0001391	12
		SS.GM.T0002248	6	SS.GM.T0001609	12
		SS.GM.T0002591	6	SS.GM.T0001678	12
		SS.GM.T0002787	6	SS.GM.T0001846	12
		SS.GM.T0003433	6	SS.GM.T0002203	12
		SS.GM.T0003787	6	SS.GM.T0002214	12
		SS.GM.T0003886	6	SS.GM.T0002409	12
		SS.GM.T0004053	6	SS.GM.T0002491	12
		SS.GM.T0004054	6	SS.GM.T0002492	12
		SS.GM.T0004158	6	SS.GM.T0002495	12
		SS.GM.T0004359	6	SS.GM.T0002547	12
		SS.GM.T0004469	6	SS.GM.T0003031	12
		SS.GM.T0004470	6	SS.GM.T0003075	12
		SS.GM.T0004474	6	SS.GM.T0003076	12
		SS.GM.T0004709	6	SS.GM.T0003232	12
		SS.GM.T0004713	6	SS.GM.T0003397	12
		SS.GM.T0004717	6	SS.GM.T0003447	12
		SS.GM.T0004802	6	SS.GM.T0003670	12
		SS.GM.T0005389	6	SS.GM.T0003838	12
		SS.GM.T0005690	6	SS.GM.T0003898	12
		SS.GM.T0005792	6	SS.GM.T0003910	12
		SS.GM.T0005977	6	SS.GM.T0003962	12
		SS.GM.T0006099	6	SS.GM.T0003980	12
		SS.GM.T0006122	6	SS.GM.T0003982	12
		SS.GM.T0006123	6	SS.GM.T0004010	12
		SS.GM.T0006124	6	SS.GM.T0004012	12
		SS.GM.T0006125	6	SS.GM.T0004017	12
		SS.GM.T0006376	6	SS.GM.T0004097	12
		SS.GM.T0006413	6	SS.GM.T0004102	12
		SS.GM.T0006644	6	SS.GM.T0004113	12
		SS.GM.T0006645	6	SS.GM.T0004114	12
		SS.GM.T0006646	6	SS.GM.T0004140	12
		SS.GM.T0006647	6	SS.GM.T0004171	12
		SS.GM.T0006652	6	SS.GM.T0004249	12
		SS.GM.T0006872	6	SS.GM.T0004381	12
		SS.GM.T0007233	6	SS.GM.T0004382	12
		SS.GM.T0007366	6	SS.GM.T0004391	12
		SS.GM.T0007473	6	SS.GM.T0004396	12
		SS.GM.T0007479	6	SS.GM.T0004415	12
		SS.GM.T0007630	6	SS.GM.T0004452	12
		SS.GM.T0008164	6	SS.GM.T0004515	12
		SS.GM.T0008197	6	SS.GM.T0004574	12
		SS.GM.T0008227	6	SS.GM.T0004650	12

Table F-1: Gravity Sewer Segments Added to the High Frequency Cleaning Program

Asset ID	Cycle	Asset ID	Cycle	Asset ID	Cycle
SS.GM.T0008271	6	SS.GM.T0008271	6	SS.GM.T0004693	12
SS.GM.T0008273	6	SS.GM.T0008273	6	SS.GM.T0004736	12
SS.GM.T0008288	6	SS.GM.T0008288	6	SS.GM.T0004743	12
SS.GM.T0008290	6	SS.GM.T0008290	6	SS.GM.T0004781	12
SS.GM.T0008422	6	SS.GM.T0008422	6	SS.GM.T0004795	12
SS.GM.T0008836	6	SS.GM.T0008836	6	SS.GM.T0004797	12
SS.GM.T0008910	6	SS.GM.T0008910	6	SS.GM.T0004815	12
SS.GM.T0008928	6	SS.GM.T0008928	6	SS.GM.T0004817	12
SS.GM.T0009263	6	SS.GM.T0009263	6	SS.GM.T0004898	12
SS.GM.T0009264	6	SS.GM.T0009264	6	SS.GM.T0004900	12
SS.GM.T0009269	6	SS.GM.T0009269	6	SS.GM.T0004971	12
SS.GM.T0009291	6	SS.GM.T0009291	6	SS.GM.T0004994	12
SS.GM.T0009315	6	SS.GM.T0009315	6	SS.GM.T0005038	12
SS.GM.T0009388	6	SS.GM.T0009388	6	SS.GM.T0005041	12
SS.GM.T0009499	6	SS.GM.T0009499	6	SS.GM.T0005113	12
SS.GM.T0009844	6	SS.GM.T0009844	6	SS.GM.T0005154	12
SS.GM.T0009854	6	SS.GM.T0009854	6	SS.GM.T0005192	12
SS.GM.T0009884	6	SS.GM.T0009884	6	SS.GM.T0005194	12
SS.GM.T0009900	6	SS.GM.T0009900	6	SS.GM.T0005198	12
SS.GM.T0010197	6	SS.GM.T0010197	6	SS.GM.T0005314	12
SS.GM.T0010199	6	SS.GM.T0010199	6	SS.GM.T0005315	12
SS.GM.T0010225	6	SS.GM.T0010225	6	SS.GM.T0005316	12
SS.GM.T0010515	6	SS.GM.T0010515	6	SS.GM.T0005379	12
SS.GM.T0010621	6	SS.GM.T0010621	6	SS.GM.T0005412	12
SS.GM.T0010631	6	SS.GM.T0010631	6	SS.GM.T0005530	12
SS.GM.T0010737	6	SS.GM.T0010737	6	SS.GM.T0005767	12
SS.GM.T0010738	6	SS.GM.T0010738	6	SS.GM.T0005783	12
SS.GM.T0010739	6	SS.GM.T0010739	6	SS.GM.T0005867	12
SS.GM.T0011236	6	SS.GM.T0011236	6	SS.GM.T0005896	12
SS.GM.T0011237	6	SS.GM.T0011237	6	SS.GM.T0005934	12
SS.GM.T0011240	6	SS.GM.T0011240	6	SS.GM.T0005941	12
SS.GM.T0011264	6	SS.GM.T0011264	6	SS.GM.T0005942	12
SS.GM.T0011414	6	SS.GM.T0011414	6	SS.GM.T0006091	12
SS.GM.T0011457	6	SS.GM.T0011457	6	SS.GM.T0006130	12
SS.GM.T0011481	6	SS.GM.T0011481	6	SS.GM.T0006183	12
SS.GM.T0011507	6	SS.GM.T0011507	6	SS.GM.T0006194	12
SS.GM.T0011509	6	SS.GM.T0011509	6	SS.GM.T0006197	12
SS.GM.T0011510	6	SS.GM.T0011510	6	SS.GM.T0006204	12
SS.GM.T0012003	6	SS.GM.T0012003	6	SS.GM.T0006205	12
SS.GM.T0012048	6	SS.GM.T0012048	6	SS.GM.T0006207	12
SS.GM.T0012574	6	SS.GM.T0012574	6	SS.GM.T0006218	12
SS.GM.T0012606	6	SS.GM.T0012606	6	SS.GM.T0006335	12
SS.GM.T0012860	6	SS.GM.T0012860	6	SS.GM.T0006365	12
SS.GM.T0012861	6	SS.GM.T0012861	6	SS.GM.T0006384	12
SS.GM.T0012888	6	SS.GM.T0012888	6	SS.GM.T0006385	12
SS.GM.T0012927	6	SS.GM.T0012927	6	SS.GM.T0006407	12
SS.GM.T0012928	6	SS.GM.T0012928	6	SS.GM.T0006408	12
SS.GM.T0013191	6	SS.GM.T0013191	6	SS.GM.T0006409	12
SS.GM.T0013192	6	SS.GM.T0013192	6	SS.GM.T0006447	12
SS.GM.T0013337	6	SS.GM.T0013337	6	SS.GM.T0006472	12
SS.GM.T0013338	6	SS.GM.T0013338	6	SS.GM.T0006536	12
SS.GM.T0013340	6	SS.GM.T0013340	6	SS.GM.T0006586	12
SS.GM.T0013344	6	SS.GM.T0013344	6	SS.GM.T0006602	12
SS.GM.T0014174	6	SS.GM.T0014174	6	SS.GM.T0006606	12

Table F-1: Gravity Sewer Segments Added to the High Frequency Cleaning Program

Asset ID	Cycle
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Asset ID	Cycle
SS.GM.T0014656	6
SS.GM.T0014658	6
SS.GM.T0014661	6
SS.GM.T0014994	6
SS.GM.T0015060	6
SS.GM.T0015139	6

Asset ID	Cycle
SS.GM.T0006714	12
SS.GM.T0006788	12
SS.GM.T0006789	12
SS.GM.T0006814	12
SS.GM.T0006815	12
SS.GM.T0006817	12
SS.GM.T0006831	12
SS.GM.T0006894	12
SS.GM.T0006956	12
SS.GM.T0006974	12
SS.GM.T0006975	12
SS.GM.T0007005	12
SS.GM.T0007098	12
SS.GM.T0007118	12
SS.GM.T0007119	12
SS.GM.T0007253	12
SS.GM.T0007308	12
SS.GM.T0007309	12
SS.GM.T0007310	12
SS.GM.T0007311	12
SS.GM.T0007320	12
SS.GM.T0007321	12
SS.GM.T0007344	12
SS.GM.T0007347	12
SS.GM.T0007348	12
SS.GM.T0007460	12
SS.GM.T0007468	12
SS.GM.T0007469	12
SS.GM.T0007474	12
SS.GM.T0007475	12
SS.GM.T0007482	12
SS.GM.T0007483	12
SS.GM.T0007503	12
SS.GM.T0007599	12
SS.GM.T0007600	12
SS.GM.T0007601	12
SS.GM.T0007602	12
SS.GM.T0007673	12
SS.GM.T0007704	12
SS.GM.T0007720	12
SS.GM.T0007721	12
SS.GM.T0007722	12
SS.GM.T0007723	12
SS.GM.T0007877	12
SS.GM.T0007881	12
SS.GM.T0007942	12
SS.GM.T0007963	12
SS.GM.T0007964	12
SS.GM.T0007972	12
SS.GM.T0007982	12
SS.GM.T0007983	12
SS.GM.T0008036	12
SS.GM.T0008056	12
SS.GM.T0008058	12

Table F-1: Gravity Sewer Segments Added to the High Frequency Cleaning Program

Asset ID	Cycle	Asset ID	Cycle	Asset ID	Cycle
				SS.GM.T0008063	12
				SS.GM.T0008090	12
				SS.GM.T0008091	12
				SS.GM.T0008139	12
				SS.GM.T0008153	12
				SS.GM.T0008159	12
				SS.GM.T0008160	12
				SS.GM.T0008162	12
				SS.GM.T0008163	12
				SS.GM.T0008191	12
				SS.GM.T0008202	12
				SS.GM.T0008231	12
				SS.GM.T0008272	12
				SS.GM.T0008326	12
				SS.GM.T0008333	12
				SS.GM.T0008339	12
				SS.GM.T0008358	12
				SS.GM.T0008379	12
				SS.GM.T0008393	12
				SS.GM.T0008394	12
				SS.GM.T0008401	12
				SS.GM.T0008429	12
				SS.GM.T0008456	12
				SS.GM.T0008495	12
				SS.GM.T0008504	12
				SS.GM.T0008585	12
				SS.GM.T0008625	12
				SS.GM.T0008691	12
				SS.GM.T0008698	12
				SS.GM.T0008893	12
				SS.GM.T0008919	12
				SS.GM.T0008945	12
				SS.GM.T0009005	12
				SS.GM.T0009035	12
				SS.GM.T0009047	12
				SS.GM.T0009082	12
				SS.GM.T0009084	12
				SS.GM.T0009125	12
				SS.GM.T0009143	12
				SS.GM.T0009161	12
				SS.GM.T0009203	12
				SS.GM.T0009226	12
				SS.GM.T0009228	12
				SS.GM.T0009232	12
				SS.GM.T0009235	12
				SS.GM.T0009237	12
				SS.GM.T0009243	12
				SS.GM.T0009290	12
				SS.GM.T0009353	12
				SS.GM.T0009385	12
				SS.GM.T0009686	12
				SS.GM.T0009730	12
				SS.GM.T0009852	12
				SS.GM.T0009853	12

Table F-1: Gravity Sewer Segments Added to the High Frequency Cleaning Program

Asset ID	Cycle	Asset ID	Cycle	Asset ID	Cycle
				SS.GM.T0009855	12
				SS.GM.T0009856	12
				SS.GM.T0009857	12
				SS.GM.T0009858	12
				SS.GM.T0009861	12
				SS.GM.T0009862	12
				SS.GM.T0009863	12
				SS.GM.T0009979	12
				SS.GM.T0009981	12
				SS.GM.T0009982	12
				SS.GM.T0009983	12
				SS.GM.T0009985	12
				SS.GM.T0010656	12
				SS.GM.T0012041	12
				SS.GM.T0012075	12
				SS.GM.T0012358	12
				SS.GM.T0012438	12
				SS.GM.T0012440	12
				SS.GM.T0012441	12
				SS.GM.T0012444	12
				SS.GM.T0012661	12
				SS.GM.T0012662	12
				SS.GM.T0012663	12
				SS.GM.T0012664	12
				SS.GM.T0012929	12
				SS.GM.T0012963	12
				SS.GM.T0013028	12
				SS.GM.T0013035	12
				SS.GM.T0013187	12
				SS.GM.T0013210	12
				SS.GM.T0013315	12
				SS.GM.T0013359	12
				SS.GM.T0013439	12
				SS.GM.T0013558	12
				SS.GM.T0013590	12
				SS.GM.T0013677	12
				SS.GM.T0013880	12
				SS.GM.T0013885	12
				SS.GM.T0013895	12
				SS.GM.T0013922	12
				SS.GM.T0014105	12
				SS.GM.T0014141	12
				SS.GM.T0014143	12
				SS.GM.T0014186	12
				SS.GM.T0014200	12
				SS.GM.T0014213	12
				SS.GM.T0014673	12
				SS.GM.T0014807	12
				SS.GM.T0014893	12
				SS.GM.T0015090	12
				SS.GM.T0015121	12
				SS.GM.T0015122	12
				SS.GM.T0015433	12
				SS.GM.T0015575	12

Table F-2: Gravity Sewer Segments Removed from the High Frequency Cleaning Program

Asset ID	Cycle
SS.GM.T0001461	3

Asset ID	Cycle
SS.GM.T0000432	6
SS.GM.T0000433	6
SS.GM.T0000452	6
SS.GM.T0001054	6
SS.GM.T0001057	6
SS.GM.T0001820	6
SS.GM.T0002487	6
SS.GM.T0002488	6
SS.GM.T0002768	6
SS.GM.T0003358	6
SS.GM.T0003384	6
SS.GM.T0003534	6
SS.GM.T0005620	6
SS.GM.T0005621	6
SS.GM.T0005622	6
SS.GM.T0005623	6
SS.GM.T0005632	6
SS.GM.T0007478	6
SS.GM.T0007862	6
SS.GM.T0008375	6
SS.GM.T0009548	6
SS.GM.T0013912	6

Asset ID	Cycle
SS.GM.T0000650	12
SS.GM.T0001384	12
SS.GM.T0001385	12
SS.GM.T0001386	12
SS.GM.T0001645	12
SS.GM.T0002805	12
SS.GM.T0003351	12
SS.GM.T0004254	12
SS.GM.T0004317	12
SS.GM.T0006061	12
SS.GM.T0006178	12
SS.GM.T0006459	12
SS.GM.T0006460	12
SS.GM.T0006599	12
SS.GM.T0006756	12
SS.GM.T0006794	12
SS.GM.T0006857	12
SS.GM.T0006858	12
SS.GM.T0006859	12
SS.GM.T0007088	12
SS.GM.T0007219	12
SS.GM.T0007609	12
SS.GM.T0007885	12
SS.GM.T0007985	12
SS.GM.T0008490	12
SS.GM.T0008494	12
SS.GM.T0008516	12
SS.GM.T0008972	12
SS.GM.T0009118	12
SS.GM.T0009122	12
SS.GM.T0009165	12
SS.GM.T0009573	12
SS.GM.T0009687	12
SS.GM.T0009990	12
SS.GM.T0010756	12
SS.GM.T0012209	12
SS.GM.T0014985	12
SS.GM.T0015015	12
SS.GM.T0015599	12
SS.GM.T0015624	12

Section G. Revised High Frequency Cleaning Program (Paragraph 33)

Sewer Segments Subject to Revised High Frequency Cleaning Program

See attached **Table G-1**, listing the 2,430 sewer segments subject to the Revised High Frequency Cleaning Program, along with an identification of how often each segment was cleaned during this reporting period. The list for the 1 January 2021 through 31 December 2021 reporting period is sorted by Asset ID.

Maps of Sewer Segments Subject to Revised High Frequency Cleaning Program

See attached **Figure G-1** depicting the locations of sewer segments subject to the Revised High Frequency Cleaning Program as of 31 December 2021.

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0000316	12	1
SS.GM.T0000318	12	1
SS.GM.T0000319	12	2
SS.GM.T0000320	12	1
SS.GM.T0000354	12	1
SS.GM.T0000364	12	1
SS.GM.T0000384	6	4
SS.GM.T0000411	12	1
SS.GM.T0000412	12	1
SS.GM.T0000413	12	1
SS.GM.T0000414	12	2
SS.GM.T0000420	12	1
SS.GM.T0000423	12	1
SS.GM.T0000425	12	2
SS.GM.T0000471	12	1
SS.GM.T0000472	12	2
SS.GM.T0000473	12	2
SS.GM.T0000477	12	1
SS.GM.T0000481	12	2
SS.GM.T0000508	12	1
SS.GM.T0000509	12	1
SS.GM.T0000510	12	1
SS.GM.T0000516	6	1
SS.GM.T0000522	12	1
SS.GM.T0000543	12	1
SS.GM.T0000544	12	3
SS.GM.T0000545	12	1
SS.GM.T0000546	12	2
SS.GM.T0000547	12	2
SS.GM.T0000552	12	3
SS.GM.T0000553	12	1
SS.GM.T0000554	12	1
SS.GM.T0000555	12	1
SS.GM.T0000575	12	2
SS.GM.T0000576	6	1
SS.GM.T0000580	12	2
SS.GM.T0000581	6	2
SS.GM.T0000582	6	2
SS.GM.T0000584	12	1
SS.GM.T0000586	12	2
SS.GM.T0000593	12	1
SS.GM.T0000601	12	1
SS.GM.T0000602	12	1
SS.GM.T0000603	12	1
SS.GM.T0000604	12	1
SS.GM.T0000618	12	1
SS.GM.T0000619	12	1
SS.GM.T0000620	12	1
SS.GM.T0000629	12	1
SS.GM.T0000637	12	2
SS.GM.T0000659	12	1
SS.GM.T0000663	12	1
SS.GM.T0000665	12	1
SS.GM.T0000671	12	1
SS.GM.T0000672	12	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0006228	12	1
SS.GM.T0006235	12	1
SS.GM.T0006248	12	2
SS.GM.T0006289	12	1
SS.GM.T0006290	12	1
SS.GM.T0006298	12	1
SS.GM.T0006299	12	1
SS.GM.T0006300	12	1
SS.GM.T0006301	12	1
SS.GM.T0006303	12	1
SS.GM.T0006330	12	1
SS.GM.T0006337	12	1
SS.GM.T0006341	12	1
SS.GM.T0006347	12	1
SS.GM.T0006364	12	2
SS.GM.T0006365	12	1
SS.GM.T0006366	12	2
SS.GM.T0006370	12	1
SS.GM.T0006373	12	1
SS.GM.T0006376	6	1
SS.GM.T0006383	12	1
SS.GM.T0006384	12	1
SS.GM.T0006385	12	1
SS.GM.T0006403	12	0
SS.GM.T0006404	12	0
SS.GM.T0006406	12	0
SS.GM.T0006407	12	0
SS.GM.T0006408	12	0
SS.GM.T0006409	12	0
SS.GM.T0006413	6	0
SS.GM.T0006421	12	1
SS.GM.T0006433	12	2
SS.GM.T0006434	12	1
SS.GM.T0006435	12	1
SS.GM.T0006441	12	1
SS.GM.T0006447	12	1
SS.GM.T0006466	12	1
SS.GM.T0006470	12	1
SS.GM.T0006472	12	1
SS.GM.T0006487	12	0
SS.GM.T0006518	12	1
SS.GM.T0006536	12	1
SS.GM.T0006537	12	2
SS.GM.T0006538	12	2
SS.GM.T0006566	12	2
SS.GM.T0006567	12	2
SS.GM.T0006574	12	2
SS.GM.T0006575	12	2
SS.GM.T0006576	12	2
SS.GM.T0006577	12	2
SS.GM.T0006578	12	1
SS.GM.T0006579	12	1
SS.GM.T0006580	12	2
SS.GM.T0006581	12	1
SS.GM.T0006585	12	1

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0000673	12	2
SS.GM.T0000674	12	1
SS.GM.T0000675	12	1
SS.GM.T0000676	12	1
SS.GM.T0000678	12	1
SS.GM.T0000690	12	1
SS.GM.T0000693	12	1
SS.GM.T0000694	12	1
SS.GM.T0000700	3	4
SS.GM.T0000703	12	4
SS.GM.T0000715	12	1
SS.GM.T0000716	12	1
SS.GM.T0000720	12	1
SS.GM.T0000724	12	1
SS.GM.T0000738	6	1
SS.GM.T0000739	6	1
SS.GM.T0000740	6	1
SS.GM.T0000745	12	2
SS.GM.T0000761	12	1
SS.GM.T0000775	12	1
SS.GM.T0000793	12	1
SS.GM.T0000806	12	1
SS.GM.T0000808	12	1
SS.GM.T0000813	6	2
SS.GM.T0000814	12	1
SS.GM.T0000821	12	1
SS.GM.T0000829	12	1
SS.GM.T0000833	12	1
SS.GM.T0000834	12	1
SS.GM.T0000840	12	1
SS.GM.T0000843	12	2
SS.GM.T0000844	12	1
SS.GM.T0000846	12	1
SS.GM.T0000871	12	1
SS.GM.T0000888	12	1
SS.GM.T0000890	12	1
SS.GM.T0000891	12	1
SS.GM.T0000892	12	1
SS.GM.T0000893	12	1
SS.GM.T0000894	12	1
SS.GM.T0000895	12	1
SS.GM.T0000927	12	1
SS.GM.T0000928	6	1
SS.GM.T0000929	12	2
SS.GM.T0000950	6	3
SS.GM.T0000951	6	2
SS.GM.T0000952	6	2
SS.GM.T0000964	6	2
SS.GM.T0000965	6	2
SS.GM.T0000972	12	1
SS.GM.T0000975	12	1
SS.GM.T0000991	12	2
SS.GM.T0001050	12	1
SS.GM.T0001051	12	1
SS.GM.T0001053	6	2

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0006586	12	0
SS.GM.T0006589	12	1
SS.GM.T0006602	12	1
SS.GM.T0006606	12	1
SS.GM.T0006608	12	1
SS.GM.T0006616	12	1
SS.GM.T0006617	12	1
SS.GM.T0006618	12	1
SS.GM.T0006636	6	1
SS.GM.T0006638	6	2
SS.GM.T0006639	12	1
SS.GM.T0006640	12	1
SS.GM.T0006644	6	1
SS.GM.T0006645	6	1
SS.GM.T0006647	6	1
SS.GM.T0006648	6	2
SS.GM.T0006652	6	1
SS.GM.T0006663	12	1
SS.GM.T0006704	12	2
SS.GM.T0006714	12	1
SS.GM.T0006728	12	2
SS.GM.T0006731	12	1
SS.GM.T0006732	12	1
SS.GM.T0006733	12	1
SS.GM.T0006737	12	1
SS.GM.T0006787	12	1
SS.GM.T0006788	12	1
SS.GM.T0006789	12	1
SS.GM.T0006790	12	1
SS.GM.T0006791	12	1
SS.GM.T0006792	12	1
SS.GM.T0006793	12	1
SS.GM.T0006814	12	1
SS.GM.T0006815	12	1
SS.GM.T0006817	12	1
SS.GM.T0006831	12	1
SS.GM.T0006855	12	0
SS.GM.T0006865	12	1
SS.GM.T0006872	6	1
SS.GM.T0006874	12	0
SS.GM.T0006894	12	1
SS.GM.T0006903	12	1
SS.GM.T0006911	12	2
SS.GM.T0006912	12	2
SS.GM.T0006914	12	2
SS.GM.T0006943	12	1
SS.GM.T0006956	12	1
SS.GM.T0006957	12	1
SS.GM.T0006958	12	3
SS.GM.T0006974	12	1
SS.GM.T0006975	12	1
SS.GM.T0007001	6	2
SS.GM.T0007005	12	1
SS.GM.T0007022	12	1
SS.GM.T0007028	12	1

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0001058	6	2
SS.GM.T0001059	6	2
SS.GM.T0001077	12	1
SS.GM.T0001078	12	1
SS.GM.T0001079	12	1
SS.GM.T0001082	12	1
SS.GM.T0001084	12	1
SS.GM.T0001085	12	1
SS.GM.T0001090	12	1
SS.GM.T0001139	6	1
SS.GM.T0001140	6	1
SS.GM.T0001144	6	1
SS.GM.T0001149	6	1
SS.GM.T0001150	12	2
SS.GM.T0001161	12	1
SS.GM.T0001163	12	1
SS.GM.T0001165	12	1
SS.GM.T0001176	6	2
SS.GM.T0001186	12	2
SS.GM.T0001224	6	1
SS.GM.T0001236	12	1
SS.GM.T0001237	12	1
SS.GM.T0001238	6	1
SS.GM.T0001240	12	1
SS.GM.T0001241	12	1
SS.GM.T0001242	12	1
SS.GM.T0001243	12	1
SS.GM.T0001250	6	1
SS.GM.T0001257	12	2
SS.GM.T0001258	12	2
SS.GM.T0001282	12	1
SS.GM.T0001300	12	1
SS.GM.T0001305	12	1
SS.GM.T0001307	12	1
SS.GM.T0001309	12	1
SS.GM.T0001315	6	1
SS.GM.T0001326	12	2
SS.GM.T0001327	12	1
SS.GM.T0001329	12	1
SS.GM.T0001331	12	1
SS.GM.T0001336	12	1
SS.GM.T0001339	12	1
SS.GM.T0001348	12	1
SS.GM.T0001357	12	1
SS.GM.T0001381	6	2
SS.GM.T0001389	12	1
SS.GM.T0001390	12	1
SS.GM.T0001391	12	1
SS.GM.T0001455	12	1
SS.GM.T0001456	12	1
SS.GM.T0001466	12	1
SS.GM.T0001489	12	2
SS.GM.T0001497	12	0
SS.GM.T0001563	6	1
SS.GM.T0001567	6	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0007029	12	1
SS.GM.T0007031	12	0
SS.GM.T0007050	12	1
SS.GM.T0007063	12	1
SS.GM.T0007068	12	1
SS.GM.T0007070	12	2
SS.GM.T0007071	12	1
SS.GM.T0007073	12	1
SS.GM.T0007074	12	1
SS.GM.T0007098	12	1
SS.GM.T0007118	12	1
SS.GM.T0007119	12	1
SS.GM.T0007140	12	5
SS.GM.T0007141	12	3
SS.GM.T0007142	12	2
SS.GM.T0007143	12	3
SS.GM.T0007176	12	1
SS.GM.T0007204	6	1
SS.GM.T0007207	12	2
SS.GM.T0007210	12	2
SS.GM.T0007211	12	1
SS.GM.T0007212	12	1
SS.GM.T0007213	12	1
SS.GM.T0007214	12	1
SS.GM.T0007216	12	2
SS.GM.T0007221	12	2
SS.GM.T0007222	12	0
SS.GM.T0007224	6	2
SS.GM.T0007225	12	1
SS.GM.T0007233	6	1
SS.GM.T0007253	12	0
SS.GM.T0007258	12	1
SS.GM.T0007262	12	1
SS.GM.T0007267	12	2
SS.GM.T0007268	12	2
SS.GM.T0007273	12	1
SS.GM.T0007274	12	1
SS.GM.T0007275	12	1
SS.GM.T0007308	12	1
SS.GM.T0007309	12	1
SS.GM.T0007310	12	1
SS.GM.T0007311	12	1
SS.GM.T0007313	12	1
SS.GM.T0007320	12	1
SS.GM.T0007321	12	1
SS.GM.T0007328	3	4
SS.GM.T0007346	6	1
SS.GM.T0007347	12	1
SS.GM.T0007348	12	1
SS.GM.T0007351	12	2
SS.GM.T0007366	6	1
SS.GM.T0007368	12	2
SS.GM.T0007369	12	2
SS.GM.T0007391	12	3
SS.GM.T0007401	6	2

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0001609	12	1
SS.GM.T0001627	12	0
SS.GM.T0001628	12	0
SS.GM.T0001629	12	2
SS.GM.T0001630	12	1
SS.GM.T0001637	12	0
SS.GM.T0001638	12	0
SS.GM.T0001672	12	1
SS.GM.T0001673	12	2
SS.GM.T0001678	12	1
SS.GM.T0001703	6	2
SS.GM.T0001723	12	1
SS.GM.T0001724	12	1
SS.GM.T0001744	12	1
SS.GM.T0001745	12	1
SS.GM.T0001750	12	1
SS.GM.T0001751	12	1
SS.GM.T0001752	12	1
SS.GM.T0001753	12	1
SS.GM.T0001757	12	1
SS.GM.T0001774	12	1
SS.GM.T0001775	6	1
SS.GM.T0001778	12	2
SS.GM.T0001797	6	1
SS.GM.T0001828	6	2
SS.GM.T0001829	6	2
SS.GM.T0001834	12	2
SS.GM.T0001838	12	1
SS.GM.T0001839	12	2
SS.GM.T0001841	12	1
SS.GM.T0001842	12	2
SS.GM.T0001843	12	2
SS.GM.T0001844	12	1
SS.GM.T0001846	12	1
SS.GM.T0001855	12	1
SS.GM.T0001856	12	1
SS.GM.T0001899	12	2
SS.GM.T0001902	6	2
SS.GM.T0001956	12	1
SS.GM.T0001957	12	1
SS.GM.T0002003	12	1
SS.GM.T0002005	6	2
SS.GM.T0002006	12	2
SS.GM.T0002027	12	1
SS.GM.T0002028	6	1
SS.GM.T0002035	12	2
SS.GM.T0002042	6	1
SS.GM.T0002043	6	1
SS.GM.T0002051	12	2
SS.GM.T0002059	12	1
SS.GM.T0002066	12	1
SS.GM.T0002067	12	1
SS.GM.T0002097	12	1
SS.GM.T0002098	12	1
SS.GM.T0002103	12	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0007425	12	1
SS.GM.T0007434	12	1
SS.GM.T0007460	12	1
SS.GM.T0007468	12	1
SS.GM.T0007469	12	1
SS.GM.T0007473	6	1
SS.GM.T0007474	12	1
SS.GM.T0007475	12	1
SS.GM.T0007479	6	1
SS.GM.T0007482	12	1
SS.GM.T0007483	12	1
SS.GM.T0007486	12	1
SS.GM.T0007487	12	1
SS.GM.T0007488	12	2
SS.GM.T0007489	12	2
SS.GM.T0007496	12	2
SS.GM.T0007502	12	1
SS.GM.T0007503	12	1
SS.GM.T0007530	12	1
SS.GM.T0007531	12	1
SS.GM.T0007537	12	3
SS.GM.T0007549	12	1
SS.GM.T0007550	12	1
SS.GM.T0007562	12	3
SS.GM.T0007563	12	3
SS.GM.T0007581	12	2
SS.GM.T0007589	12	1
SS.GM.T0007590	12	1
SS.GM.T0007597	12	2
SS.GM.T0007598	12	1
SS.GM.T0007599	12	1
SS.GM.T0007600	12	1
SS.GM.T0007601	12	1
SS.GM.T0007602	12	1
SS.GM.T0007610	12	1
SS.GM.T0007622	12	3
SS.GM.T0007623	12	1
SS.GM.T0007630	6	1
SS.GM.T0007641	12	1
SS.GM.T0007642	12	2
SS.GM.T0007643	12	2
SS.GM.T0007647	12	1
SS.GM.T0007648	12	1
SS.GM.T0007649	12	1
SS.GM.T0007662	12	1
SS.GM.T0007667	12	1
SS.GM.T0007668	12	1
SS.GM.T0007673	12	1
SS.GM.T0007674	12	2
SS.GM.T0007696	6	2
SS.GM.T0007700	12	1
SS.GM.T0007702	12	1
SS.GM.T0007704	12	1
SS.GM.T0007711	6	1
SS.GM.T0007720	12	1

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0002104	12	1
SS.GM.T0002149	12	1
SS.GM.T0002168	6	2
SS.GM.T0002169	6	1
SS.GM.T0002172	12	2
SS.GM.T0002174	12	1
SS.GM.T0002177	12	1
SS.GM.T0002178	12	1
SS.GM.T0002180	12	1
SS.GM.T0002203	12	1
SS.GM.T0002204	12	1
SS.GM.T0002206	6	1
SS.GM.T0002214	12	1
SS.GM.T0002248	6	1
SS.GM.T0002268	12	2
SS.GM.T0002269	12	2
SS.GM.T0002279	12	1
SS.GM.T0002280	12	1
SS.GM.T0002307	6	2
SS.GM.T0002308	12	3
SS.GM.T0002391	12	2
SS.GM.T0002406	12	2
SS.GM.T0002407	12	2
SS.GM.T0002409	12	1
SS.GM.T0002410	12	1
SS.GM.T0002411	12	2
SS.GM.T0002412	12	1
SS.GM.T0002413	12	1
SS.GM.T0002420	12	2
SS.GM.T0002422	6	1
SS.GM.T0002423	6	1
SS.GM.T0002424	6	1
SS.GM.T0002425	6	1
SS.GM.T0002426	6	1
SS.GM.T0002436	12	1
SS.GM.T0002437	12	1
SS.GM.T0002491	12	1
SS.GM.T0002492	12	1
SS.GM.T0002495	12	1
SS.GM.T0002512	6	2
SS.GM.T0002513	6	2
SS.GM.T0002514	6	2
SS.GM.T0002521	6	2
SS.GM.T0002522	6	2
SS.GM.T0002523	6	2
SS.GM.T0002524	6	2
SS.GM.T0002527	12	1
SS.GM.T0002528	12	1
SS.GM.T0002529	12	1
SS.GM.T0002530	12	2
SS.GM.T0002531	12	2
SS.GM.T0002532	12	2
SS.GM.T0002539	6	2
SS.GM.T0002546	12	1
SS.GM.T0002547	12	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0007721	12	1
SS.GM.T0007722	12	1
SS.GM.T0007723	12	1
SS.GM.T0007735	12	1
SS.GM.T0007736	12	1
SS.GM.T0007749	12	1
SS.GM.T0007750	12	1
SS.GM.T0007759	12	1
SS.GM.T0007760	12	1
SS.GM.T0007766	12	1
SS.GM.T0007769	12	1
SS.GM.T0007770	12	1
SS.GM.T0007775	12	2
SS.GM.T0007776	12	1
SS.GM.T0007777	12	1
SS.GM.T0007782	12	1
SS.GM.T0007797	12	1
SS.GM.T0007820	3	4
SS.GM.T0007837	12	1
SS.GM.T0007838	12	1
SS.GM.T0007860	6	2
SS.GM.T0007863	6	1
SS.GM.T0007864	6	1
SS.GM.T0007868	6	2
SS.GM.T0007869	12	0
SS.GM.T0007877	12	1
SS.GM.T0007878	12	2
SS.GM.T0007881	12	1
SS.GM.T0007882	12	1
SS.GM.T0007897	12	1
SS.GM.T0007904	6	1
SS.GM.T0007918	12	1
SS.GM.T0007920	12	1
SS.GM.T0007923	12	1
SS.GM.T0007937	12	1
SS.GM.T0007942	12	1
SS.GM.T0007943	12	1
SS.GM.T0007961	12	1
SS.GM.T0007963	12	1
SS.GM.T0007964	12	1
SS.GM.T0007968	12	1
SS.GM.T0007972	12	1
SS.GM.T0007975	12	1
SS.GM.T0007978	12	1
SS.GM.T0007982	12	1
SS.GM.T0007983	12	1
SS.GM.T0007989	12	1
SS.GM.T0007996	12	1
SS.GM.T0008015	6	2
SS.GM.T0008017	12	1
SS.GM.T0008032	12	1
SS.GM.T0008035	3	3
SS.GM.T0008036	12	1
SS.GM.T0008037	12	2
SS.GM.T0008048	12	1

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0002548	12	1
SS.GM.T0002566	12	2
SS.GM.T0002568	6	1
SS.GM.T0002570	12	2
SS.GM.T0002573	12	2
SS.GM.T0002574	12	2
SS.GM.T0002582	12	1
SS.GM.T0002622	12	1
SS.GM.T0002623	12	1
SS.GM.T0002624	12	1
SS.GM.T0002629	12	1
SS.GM.T0002655	12	1
SS.GM.T0002661	12	2
SS.GM.T0002663	12	2
SS.GM.T0002669	12	2
SS.GM.T0002670	12	2
SS.GM.T0002671	6	2
SS.GM.T0002676	6	1
SS.GM.T0002678	6	1
SS.GM.T0002680	6	1
SS.GM.T0002695	6	3
SS.GM.T0002696	6	2
SS.GM.T0002698	6	1
SS.GM.T0002699	6	2
SS.GM.T0002700	6	1
SS.GM.T0002701	6	1
SS.GM.T0002702	6	1
SS.GM.T0002710	3	4
SS.GM.T0002711	3	4
SS.GM.T0002719	12	1
SS.GM.T0002740	12	2
SS.GM.T0002783	12	3
SS.GM.T0002784	12	2
SS.GM.T0002787	6	1
SS.GM.T0002790	12	1
SS.GM.T0002792	12	1
SS.GM.T0002793	12	1
SS.GM.T0002794	12	1
SS.GM.T0002804	12	2
SS.GM.T0002826	6	2
SS.GM.T0002838	6	1
SS.GM.T0002884	12	1
SS.GM.T0002901	12	2
SS.GM.T0002909	12	1
SS.GM.T0002910	12	1
SS.GM.T0002911	12	1
SS.GM.T0002914	12	2
SS.GM.T0002916	12	2
SS.GM.T0002918	12	1
SS.GM.T0002930	12	1
SS.GM.T0002954	12	1
SS.GM.T0002965	12	1
SS.GM.T0002969	12	2
SS.GM.T0002970	12	1
SS.GM.T0002973	12	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0008049	12	1
SS.GM.T0008050	12	1
SS.GM.T0008056	12	1
SS.GM.T0008057	12	1
SS.GM.T0008058	12	1
SS.GM.T0008063	12	1
SS.GM.T0008065	12	3
SS.GM.T0008074	12	1
SS.GM.T0008076	12	0
SS.GM.T0008077	12	0
SS.GM.T0008078	12	0
SS.GM.T0008079	12	2
SS.GM.T0008086	12	1
SS.GM.T0008088	12	1
SS.GM.T0008089	12	1
SS.GM.T0008090	12	1
SS.GM.T0008091	12	1
SS.GM.T0008093	12	1
SS.GM.T0008098	12	1
SS.GM.T0008099	12	1
SS.GM.T0008100	12	1
SS.GM.T0008101	12	1
SS.GM.T0008102	12	2
SS.GM.T0008105	12	2
SS.GM.T0008138	6	2
SS.GM.T0008139	12	1
SS.GM.T0008144	12	1
SS.GM.T0008145	12	1
SS.GM.T0008147	12	2
SS.GM.T0008148	6	2
SS.GM.T0008149	12	5
SS.GM.T0008153	12	1
SS.GM.T0008155	6	2
SS.GM.T0008156	6	2
SS.GM.T0008159	12	1
SS.GM.T0008160	12	1
SS.GM.T0008162	12	1
SS.GM.T0008163	12	1
SS.GM.T0008164	6	1
SS.GM.T0008180	12	3
SS.GM.T0008187	12	1
SS.GM.T0008191	12	1
SS.GM.T0008202	12	1
SS.GM.T0008225	12	1
SS.GM.T0008226	12	2
SS.GM.T0008227	6	0
SS.GM.T0008230	12	2
SS.GM.T0008231	12	1
SS.GM.T0008233	12	1
SS.GM.T0008236	12	1
SS.GM.T0008265	12	2
SS.GM.T0008270	12	1
SS.GM.T0008271	6	1
SS.GM.T0008273	6	1
SS.GM.T0008282	6	2

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0002978	12	1
SS.GM.T0002979	12	1
SS.GM.T0002984	12	1
SS.GM.T0002988	12	1
SS.GM.T0002996	12	1
SS.GM.T0002999	12	1
SS.GM.T0003000	12	1
SS.GM.T0003007	12	1
SS.GM.T0003008	12	1
SS.GM.T0003009	12	1
SS.GM.T0003019	12	2
SS.GM.T0003021	12	1
SS.GM.T0003029	12	1
SS.GM.T0003030	12	1
SS.GM.T0003031	12	1
SS.GM.T0003037	12	1
SS.GM.T0003040	12	1
SS.GM.T0003041	12	1
SS.GM.T0003050	12	1
SS.GM.T0003051	12	1
SS.GM.T0003052	12	1
SS.GM.T0003053	12	1
SS.GM.T0003054	12	2
SS.GM.T0003063	12	1
SS.GM.T0003064	6	2
SS.GM.T0003075	12	1
SS.GM.T0003076	12	1
SS.GM.T0003088	12	2
SS.GM.T0003099	12	1
SS.GM.T0003108	12	2
SS.GM.T0003139	6	1
SS.GM.T0003146	12	1
SS.GM.T0003150	12	1
SS.GM.T0003166	12	1
SS.GM.T0003176	12	2
SS.GM.T0003184	6	1
SS.GM.T0003203	6	2
SS.GM.T0003211	12	2
SS.GM.T0003214	12	4
SS.GM.T0003227	6	2
SS.GM.T0003229	12	1
SS.GM.T0003231	6	2
SS.GM.T0003232	12	1
SS.GM.T0003236	12	1
SS.GM.T0003241	6	4
SS.GM.T0003243	6	2
SS.GM.T0003293	12	2
SS.GM.T0003294	12	2
SS.GM.T0003304	12	3
SS.GM.T0003310	12	1
SS.GM.T0003312	12	1
SS.GM.T0003313	12	3
SS.GM.T0003315	12	1
SS.GM.T0003317	6	1
SS.GM.T0003318	6	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0008288	6	1
SS.GM.T0008290	6	1
SS.GM.T0008294	12	1
SS.GM.T0008314	12	2
SS.GM.T0008315	12	1
SS.GM.T0008316	12	1
SS.GM.T0008317	12	2
SS.GM.T0008318	12	1
SS.GM.T0008324	12	2
SS.GM.T0008326	12	1
SS.GM.T0008333	12	1
SS.GM.T0008339	12	1
SS.GM.T0008347	12	1
SS.GM.T0008348	12	1
SS.GM.T0008349	12	2
SS.GM.T0008360	12	1
SS.GM.T0008361	6	4
SS.GM.T0008362	6	4
SS.GM.T0008370	12	1
SS.GM.T0008371	12	1
SS.GM.T0008373	12	2
SS.GM.T0008374	6	2
SS.GM.T0008377	6	2
SS.GM.T0008379	12	1
SS.GM.T0008380	12	3
SS.GM.T0008381	12	3
SS.GM.T0008382	12	3
SS.GM.T0008383	6	1
SS.GM.T0008385	6	1
SS.GM.T0008395	12	1
SS.GM.T0008396	12	1
SS.GM.T0008399	12	1
SS.GM.T0008400	12	1
SS.GM.T0008420	12	1
SS.GM.T0008422	6	0
SS.GM.T0008425	12	2
SS.GM.T0008429	12	1
SS.GM.T0008448	12	1
SS.GM.T0008449	6	2
SS.GM.T0008472	12	1
SS.GM.T0008481	12	1
SS.GM.T0008484	12	2
SS.GM.T0008492	12	1
SS.GM.T0008495	12	1
SS.GM.T0008504	12	1
SS.GM.T0008511	12	2
SS.GM.T0008512	12	2
SS.GM.T0008514	12	1
SS.GM.T0008543	12	1
SS.GM.T0008544	12	2
SS.GM.T0008546	12	1
SS.GM.T0008547	12	1
SS.GM.T0008553	12	2
SS.GM.T0008580	12	1
SS.GM.T0008581	6	1

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0003326	12	1
SS.GM.T0003327	12	1
SS.GM.T0003328	6	1
SS.GM.T0003362	12	2
SS.GM.T0003373	12	2
SS.GM.T0003375	12	1
SS.GM.T0003376	12	1
SS.GM.T0003377	12	1
SS.GM.T0003382	6	2
SS.GM.T0003385	6	2
SS.GM.T0003397	12	1
SS.GM.T0003399	12	1
SS.GM.T0003405	12	2
SS.GM.T0003413	6	1
SS.GM.T0003419	12	0
SS.GM.T0003430	6	1
SS.GM.T0003445	12	1
SS.GM.T0003447	12	1
SS.GM.T0003449	12	1
SS.GM.T0003456	12	1
SS.GM.T0003477	12	1
SS.GM.T0003478	12	1
SS.GM.T0003479	12	1
SS.GM.T0003531	12	1
SS.GM.T0003544	12	1
SS.GM.T0003555	6	1
SS.GM.T0003556	6	1
SS.GM.T0003557	6	1
SS.GM.T0003571	12	1
SS.GM.T0003578	6	3
SS.GM.T0003581	6	1
SS.GM.T0003582	6	1
SS.GM.T0003583	6	1
SS.GM.T0003585	12	1
SS.GM.T0003586	12	1
SS.GM.T0003616	12	1
SS.GM.T0003617	12	1
SS.GM.T0003621	12	2
SS.GM.T0003623	12	1
SS.GM.T0003642	12	1
SS.GM.T0003671	12	1
SS.GM.T0003672	12	1
SS.GM.T0003717	12	1
SS.GM.T0003718	12	2
SS.GM.T0003734	12	1
SS.GM.T0003746	6	1
SS.GM.T0003760	12	1
SS.GM.T0003771	12	1
SS.GM.T0003785	12	1
SS.GM.T0003786	6	2
SS.GM.T0003824	12	1
SS.GM.T0003827	12	3
SS.GM.T0003828	12	2
SS.GM.T0003838	12	1
SS.GM.T0003839	6	2

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0008582	12	1
SS.GM.T0008585	12	1
SS.GM.T0008587	12	1
SS.GM.T0008589	6	1
SS.GM.T0008595	12	2
SS.GM.T0008615	12	1
SS.GM.T0008625	12	1
SS.GM.T0008626	12	1
SS.GM.T0008631	12	2
SS.GM.T0008654	12	2
SS.GM.T0008668	6	1
SS.GM.T0008685	3	3
SS.GM.T0008689	12	1
SS.GM.T0008690	12	1
SS.GM.T0008691	12	1
SS.GM.T0008698	12	1
SS.GM.T0008706	12	2
SS.GM.T0008714	12	2
SS.GM.T0008715	12	2
SS.GM.T0008740	12	3
SS.GM.T0008750	12	1
SS.GM.T0008763	12	1
SS.GM.T0008783	6	2
SS.GM.T0008784	6	2
SS.GM.T0008785	6	2
SS.GM.T0008786	12	2
SS.GM.T0008792	12	1
SS.GM.T0008793	12	1
SS.GM.T0008798	12	2
SS.GM.T0008825	12	1
SS.GM.T0008836	6	1
SS.GM.T0008850	12	2
SS.GM.T0008851	12	2
SS.GM.T0008857	12	1
SS.GM.T0008862	12	1
SS.GM.T0008865	12	1
SS.GM.T0008866	12	2
SS.GM.T0008873	12	1
SS.GM.T0008874	12	1
SS.GM.T0008887	12	2
SS.GM.T0008893	12	1
SS.GM.T0008910	6	1
SS.GM.T0008911	12	2
SS.GM.T0008914	12	1
SS.GM.T0008915	12	2
SS.GM.T0008917	12	1
SS.GM.T0008918	12	2
SS.GM.T0008919	12	1
SS.GM.T0008922	6	1
SS.GM.T0008928	6	1
SS.GM.T0008945	12	1
SS.GM.T0008970	12	1
SS.GM.T0008974	12	2
SS.GM.T0008991	12	1
SS.GM.T0008992	12	2

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0003841	12	1
SS.GM.T0003851	6	2
SS.GM.T0003852	12	1
SS.GM.T0003855	12	2
SS.GM.T0003859	6	2
SS.GM.T0003865	12	2
SS.GM.T0003867	6	2
SS.GM.T0003872	12	1
SS.GM.T0003878	12	1
SS.GM.T0003880	12	1
SS.GM.T0003881	12	2
SS.GM.T0003882	12	2
SS.GM.T0003883	6	3
SS.GM.T0003886	6	1
SS.GM.T0003887	6	1
SS.GM.T0003898	12	1
SS.GM.T0003903	12	2
SS.GM.T0003904	12	3
SS.GM.T0003905	12	1
SS.GM.T0003906	12	1
SS.GM.T0003907	12	1
SS.GM.T0003911	12	1
SS.GM.T0003912	12	1
SS.GM.T0003917	12	1
SS.GM.T0003918	12	1
SS.GM.T0003929	6	4
SS.GM.T0003936	12	1
SS.GM.T0003940	12	1
SS.GM.T0003951	12	1
SS.GM.T0003952	12	1
SS.GM.T0003955	3	5
SS.GM.T0003962	12	1
SS.GM.T0003965	12	1
SS.GM.T0003969	12	1
SS.GM.T0003980	12	1
SS.GM.T0003982	12	1
SS.GM.T0003986	12	1
SS.GM.T0003987	12	1
SS.GM.T0003991	12	1
SS.GM.T0004005	12	1
SS.GM.T0004006	6	2
SS.GM.T0004009	12	2
SS.GM.T0004010	12	1
SS.GM.T0004011	6	2
SS.GM.T0004012	12	1
SS.GM.T0004017	12	1
SS.GM.T0004024	12	2
SS.GM.T0004029	12	3
SS.GM.T0004030	12	2
SS.GM.T0004035	12	1
SS.GM.T0004041	12	1
SS.GM.T0004053	6	1
SS.GM.T0004054	6	1
SS.GM.T0004060	12	1
SS.GM.T0004062	12	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0008993	12	2
SS.GM.T0009004	12	0
SS.GM.T0009005	12	1
SS.GM.T0009006	12	2
SS.GM.T0009010	12	2
SS.GM.T0009011	12	2
SS.GM.T0009012	12	2
SS.GM.T0009013	12	2
SS.GM.T0009014	12	2
SS.GM.T0009023	12	1
SS.GM.T0009024	12	2
SS.GM.T0009032	12	1
SS.GM.T0009033	12	1
SS.GM.T0009035	12	1
SS.GM.T0009036	12	2
SS.GM.T0009045	12	1
SS.GM.T0009047	12	1
SS.GM.T0009058	12	2
SS.GM.T0009061	12	1
SS.GM.T0009082	12	1
SS.GM.T0009084	12	1
SS.GM.T0009087	12	2
SS.GM.T0009089	12	1
SS.GM.T0009095	12	1
SS.GM.T0009097	12	2
SS.GM.T0009098	12	1
SS.GM.T0009115	12	2
SS.GM.T0009125	12	1
SS.GM.T0009126	12	1
SS.GM.T0009130	12	1
SS.GM.T0009143	12	1
SS.GM.T0009158	12	2
SS.GM.T0009161	12	1
SS.GM.T0009177	6	2
SS.GM.T0009203	12	1
SS.GM.T0009214	12	2
SS.GM.T0009217	12	1
SS.GM.T0009224	12	2
SS.GM.T0009227	12	2
SS.GM.T0009228	12	1
SS.GM.T0009230	12	1
SS.GM.T0009231	12	1
SS.GM.T0009232	12	1
SS.GM.T0009233	12	4
SS.GM.T0009235	12	1
SS.GM.T0009236	12	5
SS.GM.T0009237	12	1
SS.GM.T0009243	12	1
SS.GM.T0009244	12	2
SS.GM.T0009245	12	2
SS.GM.T0009263	6	1
SS.GM.T0009264	6	1
SS.GM.T0009269	6	1
SS.GM.T0009273	12	2
SS.GM.T0009274	12	1

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0004074	12	1
SS.GM.T0004079	12	2
SS.GM.T0004090	12	1
SS.GM.T0004097	12	1
SS.GM.T0004102	12	1
SS.GM.T0004113	12	1
SS.GM.T0004114	12	1
SS.GM.T0004115	12	3
SS.GM.T0004123	12	2
SS.GM.T0004140	12	1
SS.GM.T0004158	6	1
SS.GM.T0004171	12	1
SS.GM.T0004182	6	3
SS.GM.T0004185	6	3
SS.GM.T0004187	12	1
SS.GM.T0004207	12	2
SS.GM.T0004208	12	2
SS.GM.T0004209	12	2
SS.GM.T0004212	12	1
SS.GM.T0004213	12	1
SS.GM.T0004232	12	2
SS.GM.T0004235	3	3
SS.GM.T0004237	3	3
SS.GM.T0004238	12	2
SS.GM.T0004240	12	1
SS.GM.T0004241	12	1
SS.GM.T0004243	12	1
SS.GM.T0004249	12	1
SS.GM.T0004252	12	2
SS.GM.T0004255	12	1
SS.GM.T0004256	12	1
SS.GM.T0004261	12	2
SS.GM.T0004266	12	1
SS.GM.T0004267	12	1
SS.GM.T0004268	12	1
SS.GM.T0004269	12	1
SS.GM.T0004270	12	1
SS.GM.T0004281	6	1
SS.GM.T0004290	12	1
SS.GM.T0004291	12	1
SS.GM.T0004292	12	1
SS.GM.T0004293	12	1
SS.GM.T0004307	6	2
SS.GM.T0004309	12	1
SS.GM.T0004310	12	4
SS.GM.T0004311	12	4
SS.GM.T0004312	12	4
SS.GM.T0004313	12	3
SS.GM.T0004314	12	1
SS.GM.T0004315	6	2
SS.GM.T0004316	12	1
SS.GM.T0004318	12	1
SS.GM.T0004359	6	1
SS.GM.T0004361	12	1
SS.GM.T0004363	12	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0009278	12	1
SS.GM.T0009290	12	1
SS.GM.T0009291	6	1
SS.GM.T0009292	6	2
SS.GM.T0009293	12	1
SS.GM.T0009294	12	2
SS.GM.T0009305	12	4
SS.GM.T0009315	6	1
SS.GM.T0009316	12	2
SS.GM.T0009325	12	1
SS.GM.T0009326	12	1
SS.GM.T0009329	12	1
SS.GM.T0009353	12	1
SS.GM.T0009367	12	1
SS.GM.T0009378	12	2
SS.GM.T0009388	6	1
SS.GM.T0009461	12	2
SS.GM.T0009462	12	2
SS.GM.T0009468	12	1
SS.GM.T0009470	12	3
SS.GM.T0009471	12	4
SS.GM.T0009472	12	4
SS.GM.T0009473	12	2
SS.GM.T0009480	12	1
SS.GM.T0009483	12	1
SS.GM.T0009484	12	1
SS.GM.T0009499	6	1
SS.GM.T0009533	6	2
SS.GM.T0009534	6	2
SS.GM.T0009536	6	2
SS.GM.T0009537	6	2
SS.GM.T0009541	6	2
SS.GM.T0009547	6	2
SS.GM.T0009599	12	1
SS.GM.T0009612	12	1
SS.GM.T0009655	12	1
SS.GM.T0009684	12	1
SS.GM.T0009686	12	1
SS.GM.T0009688	12	1
SS.GM.T0009711	12	1
SS.GM.T0009716	12	2
SS.GM.T0009725	12	1
SS.GM.T0009726	12	1
SS.GM.T0009730	12	1
SS.GM.T0009740	12	2
SS.GM.T0009744	12	0
SS.GM.T0009753	12	3
SS.GM.T0009769	12	1
SS.GM.T0009773	12	3
SS.GM.T0009774	12	1
SS.GM.T0009777	12	2
SS.GM.T0009811	12	1
SS.GM.T0009812	12	1
SS.GM.T0009820	12	3
SS.GM.T0009829	12	2

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0004366	12	1
SS.GM.T0004381	12	1
SS.GM.T0004382	12	1
SS.GM.T0004390	12	2
SS.GM.T0004391	12	1
SS.GM.T0004396	12	1
SS.GM.T0004411	12	2
SS.GM.T0004415	12	1
SS.GM.T0004438	12	1
SS.GM.T0004446	6	1
SS.GM.T0004452	12	1
SS.GM.T0004469	6	1
SS.GM.T0004470	6	1
SS.GM.T0004474	6	1
SS.GM.T0004494	12	2
SS.GM.T0004507	12	3
SS.GM.T0004515	12	1
SS.GM.T0004522	6	1
SS.GM.T0004523	6	1
SS.GM.T0004532	12	1
SS.GM.T0004536	12	1
SS.GM.T0004543	12	1
SS.GM.T0004544	12	1
SS.GM.T0004555	12	1
SS.GM.T0004557	12	1
SS.GM.T0004574	12	1
SS.GM.T0004599	12	2
SS.GM.T0004616	12	1
SS.GM.T0004617	12	1
SS.GM.T0004620	12	1
SS.GM.T0004625	12	1
SS.GM.T0004626	12	1
SS.GM.T0004629	12	1
SS.GM.T0004632	12	1
SS.GM.T0004633	12	1
SS.GM.T0004634	12	1
SS.GM.T0004635	12	1
SS.GM.T0004636	12	1
SS.GM.T0004637	12	1
SS.GM.T0004641	12	2
SS.GM.T0004642	12	1
SS.GM.T0004644	12	1
SS.GM.T0004647	12	2
SS.GM.T0004649	12	2
SS.GM.T0004650	12	1
SS.GM.T0004654	12	3
SS.GM.T0004656	12	2
SS.GM.T0004690	12	2
SS.GM.T0004692	12	1
SS.GM.T0004693	12	1
SS.GM.T0004709	6	1
SS.GM.T0004713	6	1
SS.GM.T0004717	6	1
SS.GM.T0004721	12	2
SS.GM.T0004722	12	2

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0009844	6	1
SS.GM.T0009852	12	0
SS.GM.T0009853	12	0
SS.GM.T0009854	6	1
SS.GM.T0009855	12	0
SS.GM.T0009856	12	0
SS.GM.T0009857	12	1
SS.GM.T0009858	12	1
SS.GM.T0009861	12	1
SS.GM.T0009862	12	1
SS.GM.T0009863	12	1
SS.GM.T0009884	6	1
SS.GM.T0009900	6	1
SS.GM.T0009941	12	1
SS.GM.T0009959	12	1
SS.GM.T0009979	12	1
SS.GM.T0009981	12	1
SS.GM.T0009982	12	1
SS.GM.T0009983	12	1
SS.GM.T0009984	12	1
SS.GM.T0009985	12	1
SS.GM.T0009989	12	2
SS.GM.T0009991	6	1
SS.GM.T0009998	12	0
SS.GM.T0010000	12	1
SS.GM.T0010006	12	1
SS.GM.T0010007	12	1
SS.GM.T0010008	12	1
SS.GM.T0010012	12	1
SS.GM.T0010028	12	1
SS.GM.T0010037	12	0
SS.GM.T0010197	6	1
SS.GM.T0010199	6	1
SS.GM.T0010225	6	1
SS.GM.T0010367	6	2
SS.GM.T0010419	12	1
SS.GM.T0010515	6	1
SS.GM.T0010517	6	2
SS.GM.T0010551	12	3
SS.GM.T0010560	12	2
SS.GM.T0010621	6	1
SS.GM.T0010654	12	1
SS.GM.T0010655	12	1
SS.GM.T0010706	12	1
SS.GM.T0010708	12	1
SS.GM.T0010717	12	1
SS.GM.T0010719	12	2
SS.GM.T0010737	6	1
SS.GM.T0010738	6	1
SS.GM.T0010739	6	1
SS.GM.T0010786	12	1
SS.GM.T0010792	12	1
SS.GM.T0010928	12	1
SS.GM.T0010929	12	1
SS.GM.T0010930	12	1

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0004736	12	1
SS.GM.T0004742	12	2
SS.GM.T0004743	12	1
SS.GM.T0004757	12	1
SS.GM.T0004758	12	1
SS.GM.T0004763	12	2
SS.GM.T0004764	12	2
SS.GM.T0004765	12	2
SS.GM.T0004774	6	1
SS.GM.T0004778	6	1
SS.GM.T0004779	6	1
SS.GM.T0004780	6	1
SS.GM.T0004781	12	1
SS.GM.T0004782	6	1
SS.GM.T0004783	6	1
SS.GM.T0004790	3	3
SS.GM.T0004795	12	1
SS.GM.T0004797	12	1
SS.GM.T0004800	6	2
SS.GM.T0004801	6	2
SS.GM.T0004802	6	1
SS.GM.T0004803	12	1
SS.GM.T0004804	12	2
SS.GM.T0004810	6	2
SS.GM.T0004811	6	2
SS.GM.T0004812	6	2
SS.GM.T0004815	12	1
SS.GM.T0004817	12	0
SS.GM.T0004834	12	3
SS.GM.T0004844	12	3
SS.GM.T0004848	12	1
SS.GM.T0004849	12	1
SS.GM.T0004852	6	1
SS.GM.T0004866	6	2
SS.GM.T0004867	12	3
SS.GM.T0004893	6	1
SS.GM.T0004894	12	1
SS.GM.T0004898	12	1
SS.GM.T0004899	12	2
SS.GM.T0004900	12	1
SS.GM.T0004901	12	1
SS.GM.T0004934	12	1
SS.GM.T0004962	12	2
SS.GM.T0004971	12	1
SS.GM.T0004991	12	1
SS.GM.T0004994	12	1
SS.GM.T0004995	12	1
SS.GM.T0005009	12	1
SS.GM.T0005010	12	1
SS.GM.T0005030	12	2
SS.GM.T0005033	12	1
SS.GM.T0005038	12	1
SS.GM.T0005041	12	1
SS.GM.T0005064	12	1
SS.GM.T0005113	12	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0010931	12	1
SS.GM.T0010934	12	1
SS.GM.T0010935	12	1
SS.GM.T0011053	12	1
SS.GM.T0011236	6	1
SS.GM.T0011237	6	1
SS.GM.T0011240	6	1
SS.GM.T0011264	6	1
SS.GM.T0011306	12	1
SS.GM.T0011399	12	1
SS.GM.T0011414	6	1
SS.GM.T0011457	6	1
SS.GM.T0011481	6	1
SS.GM.T0011507	6	2
SS.GM.T0011509	6	1
SS.GM.T0011510	6	1
SS.GM.T0011525	12	2
SS.GM.T0011685	12	1
SS.GM.T0011823	12	1
SS.GM.T0012003	6	1
SS.GM.T0012041	12	1
SS.GM.T0012048	6	1
SS.GM.T0012075	12	1
SS.GM.T0012095	12	1
SS.GM.T0012129	12	1
SS.GM.T0012132	12	1
SS.GM.T0012216	12	2
SS.GM.T0012221	12	2
SS.GM.T0012223	6	1
SS.GM.T0012326	12	1
SS.GM.T0012327	12	1
SS.GM.T0012328	12	1
SS.GM.T0012335	12	3
SS.GM.T0012336	12	1
SS.GM.T0012348	12	1
SS.GM.T0012358	12	1
SS.GM.T0012374	12	2
SS.GM.T0012417	3	3
SS.GM.T0012427	12	1
SS.GM.T0012442	12	1
SS.GM.T0012443	12	1
SS.GM.T0012459	6	1
SS.GM.T0012517	6	3
SS.GM.T0012518	6	1
SS.GM.T0012569	6	1
SS.GM.T0012574	6	1
SS.GM.T0012606	6	1
SS.GM.T0012661	12	0
SS.GM.T0012662	12	0
SS.GM.T0012663	12	0
SS.GM.T0012664	12	1
SS.GM.T0012860	6	1
SS.GM.T0012861	6	1
SS.GM.T0012868	12	1
SS.GM.T0012888	6	1

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0005119	6	2
SS.GM.T0005126	12	2
SS.GM.T0005127	12	2
SS.GM.T0005128	12	1
SS.GM.T0005139	12	1
SS.GM.T0005150	12	2
SS.GM.T0005154	12	1
SS.GM.T0005156	12	2
SS.GM.T0005159	12	1
SS.GM.T0005165	12	2
SS.GM.T0005166	12	2
SS.GM.T0005167	12	2
SS.GM.T0005186	12	0
SS.GM.T0005188	12	0
SS.GM.T0005192	12	1
SS.GM.T0005194	12	1
SS.GM.T0005198	12	1
SS.GM.T0005225	12	0
SS.GM.T0005245	12	2
SS.GM.T0005270	12	1
SS.GM.T0005276	6	1
SS.GM.T0005278	12	1
SS.GM.T0005298	12	1
SS.GM.T0005306	6	2
SS.GM.T0005307	6	2
SS.GM.T0005314	12	1
SS.GM.T0005315	12	1
SS.GM.T0005316	12	1
SS.GM.T0005317	12	1
SS.GM.T0005318	6	1
SS.GM.T0005320	12	1
SS.GM.T0005322	12	1
SS.GM.T0005348	12	1
SS.GM.T0005349	12	1
SS.GM.T0005350	12	1
SS.GM.T0005351	12	1
SS.GM.T0005354	12	1
SS.GM.T0005355	12	1
SS.GM.T0005365	12	2
SS.GM.T0005379	12	1
SS.GM.T0005389	6	1
SS.GM.T0005394	6	1
SS.GM.T0005405	12	1
SS.GM.T0005409	12	1
SS.GM.T0005412	12	1
SS.GM.T0005423	12	0
SS.GM.T0005450	12	1
SS.GM.T0005473	12	1
SS.GM.T0005481	12	1
SS.GM.T0005497	6	2
SS.GM.T0005499	12	1
SS.GM.T0005527	12	1
SS.GM.T0005528	6	4
SS.GM.T0005530	12	1
SS.GM.T0005531	12	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0012894	12	1
SS.GM.T0012927	6	1
SS.GM.T0012928	6	1
SS.GM.T0012929	12	1
SS.GM.T0012963	12	1
SS.GM.T0012968	12	1
SS.GM.T0012969	12	1
SS.GM.T0012981	12	1
SS.GM.T0013008	12	1
SS.GM.T0013028	12	1
SS.GM.T0013035	12	1
SS.GM.T0013047	12	1
SS.GM.T0013086	12	1
SS.GM.T0013087	12	1
SS.GM.T0013123	12	1
SS.GM.T0013124	6	1
SS.GM.T0013125	6	1
SS.GM.T0013126	6	1
SS.GM.T0013138	6	1
SS.GM.T0013139	6	1
SS.GM.T0013140	6	1
SS.GM.T0013162	12	1
SS.GM.T0013163	12	1
SS.GM.T0013174	12	1
SS.GM.T0013179	12	1
SS.GM.T0013187	12	1
SS.GM.T0013190	12	3
SS.GM.T0013191	6	1
SS.GM.T0013192	6	1
SS.GM.T0013200	12	1
SS.GM.T0013206	6	1
SS.GM.T0013210	12	1
SS.GM.T0013230	6	2
SS.GM.T0013278	12	1
SS.GM.T0013280	12	1
SS.GM.T0013281	12	1
SS.GM.T0013286	12	1
SS.GM.T0013315	12	1
SS.GM.T0013319	6	1
SS.GM.T0013336	12	2
SS.GM.T0013337	6	1
SS.GM.T0013338	6	1
SS.GM.T0013340	6	1
SS.GM.T0013344	6	1
SS.GM.T0013347	12	1
SS.GM.T0013348	12	1
SS.GM.T0013359	12	1
SS.GM.T0013366	12	1
SS.GM.T0013386	6	1
SS.GM.T0013388	6	1
SS.GM.T0013390	6	1
SS.GM.T0013431	12	1
SS.GM.T0013438	12	2
SS.GM.T0013439	12	1
SS.GM.T0013440	12	1

Table G-1: Revised Frequency Cleaning Program

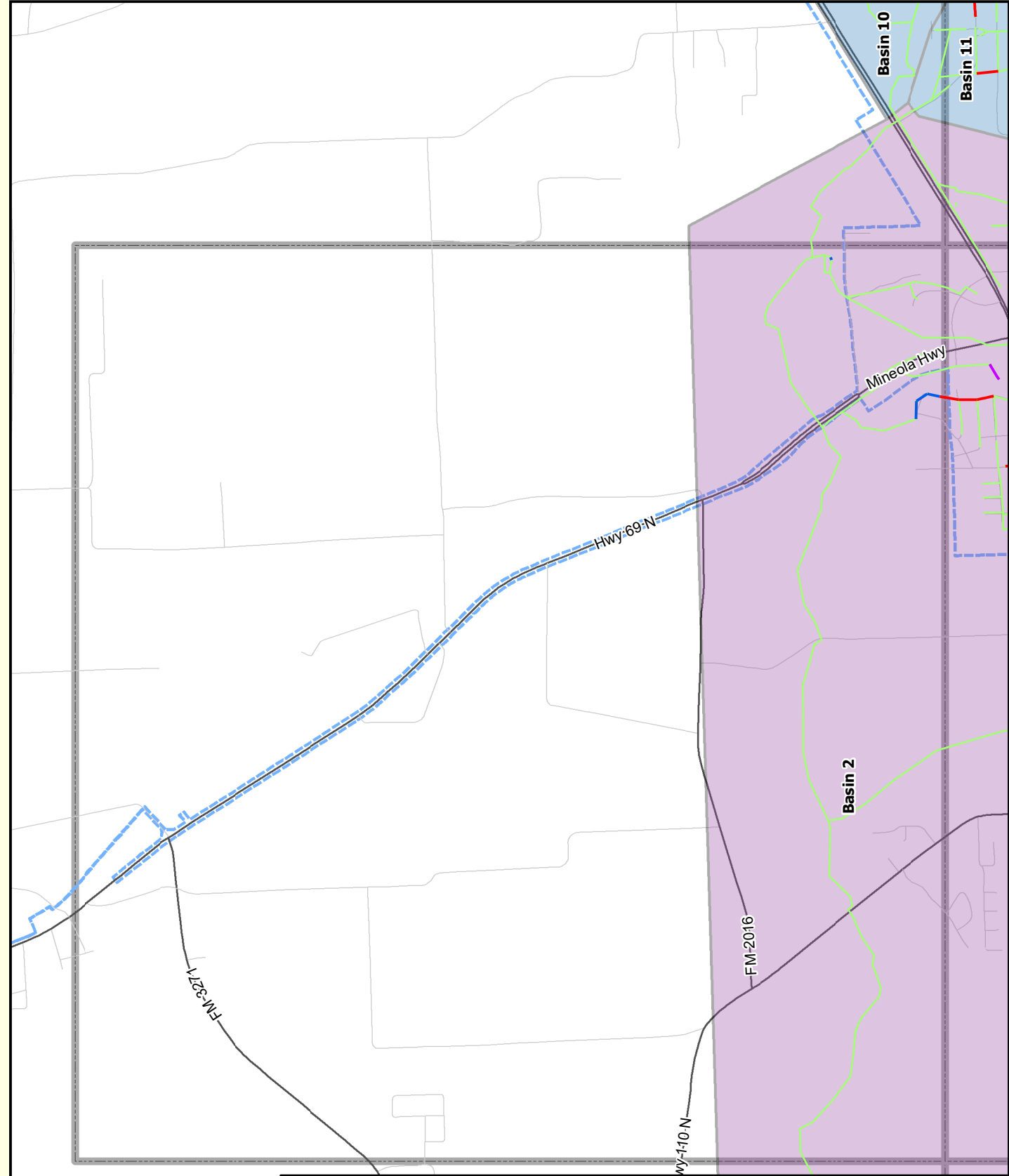
Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0005532	12	1
SS.GM.T0005546	12	1
SS.GM.T0005557	12	1
SS.GM.T0005577	6	3
SS.GM.T0005578	6	2
SS.GM.T0005581	12	2
SS.GM.T0005592	12	0
SS.GM.T0005628	6	2
SS.GM.T0005636	12	4
SS.GM.T0005637	12	4
SS.GM.T0005638	6	2
SS.GM.T0005639	6	2
SS.GM.T0005640	12	4
SS.GM.T0005641	6	2
SS.GM.T0005642	6	3
SS.GM.T0005646	12	1
SS.GM.T0005647	12	2
SS.GM.T0005648	12	1
SS.GM.T0005655	12	1
SS.GM.T0005659	12	1
SS.GM.T0005662	12	1
SS.GM.T0005672	12	2
SS.GM.T0005674	12	1
SS.GM.T0005676	12	1
SS.GM.T0005679	12	1
SS.GM.T0005689	12	2
SS.GM.T0005690	6	1
SS.GM.T0005693	12	1
SS.GM.T0005694	12	2
SS.GM.T0005695	12	1
SS.GM.T0005700	12	1
SS.GM.T0005741	12	1
SS.GM.T0005743	12	1
SS.GM.T0005763	12	2
SS.GM.T0005767	12	1
SS.GM.T0005768	12	2
SS.GM.T0005769	6	2
SS.GM.T0005770	6	2
SS.GM.T0005771	6	1
SS.GM.T0005772	6	1
SS.GM.T0005783	12	1
SS.GM.T0005792	6	1
SS.GM.T0005797	6	2
SS.GM.T0005798	6	4
SS.GM.T0005799	6	2
SS.GM.T0005800	6	4
SS.GM.T0005801	6	2
SS.GM.T0005821	12	1
SS.GM.T0005822	12	1
SS.GM.T0005839	12	1
SS.GM.T0005864	6	2
SS.GM.T0005867	12	1
SS.GM.T0005868	6	2
SS.GM.T0005869	12	1
SS.GM.T0005870	12	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0013458	12	1
SS.GM.T0013459	12	1
SS.GM.T0013460	12	1
SS.GM.T0013461	12	1
SS.GM.T0013474	6	1
SS.GM.T0013493	12	1
SS.GM.T0013502	12	1
SS.GM.T0013518	12	1
SS.GM.T0013520	12	1
SS.GM.T0013524	12	1
SS.GM.T0013589	12	1
SS.GM.T0013590	12	1
SS.GM.T0013676	12	1
SS.GM.T0013677	12	1
SS.GM.T0013679	12	2
SS.GM.T0013710	12	1
SS.GM.T0013711	12	1
SS.GM.T0013712	6	2
SS.GM.T0013713	6	2
SS.GM.T0013835	12	1
SS.GM.T0013880	12	1
SS.GM.T0013882	12	1
SS.GM.T0013885	12	1
SS.GM.T0013893	12	2
SS.GM.T0013922	12	1
SS.GM.T0013950	12	3
SS.GM.T0013954	12	1
SS.GM.T0013955	12	1
SS.GM.T0013956	12	1
SS.GM.T0013957	12	1
SS.GM.T0013960	12	1
SS.GM.T0014005	6	2
SS.GM.T0014016	12	2
SS.GM.T0014026	12	1
SS.GM.T0014042	6	2
SS.GM.T0014043	6	2
SS.GM.T0014044	6	2
SS.GM.T0014100	6	1
SS.GM.T0014102	6	1
SS.GM.T0014105	12	1
SS.GM.T0014106	6	1
SS.GM.T0014108	12	2
SS.GM.T0014110	12	1
SS.GM.T0014138	6	1
SS.GM.T0014140	6	3
SS.GM.T0014141	12	1
SS.GM.T0014143	12	1
SS.GM.T0014147	6	1
SS.GM.T0014157	12	1
SS.GM.T0014158	6	1
SS.GM.T0014174	6	1
SS.GM.T0014177	6	2
SS.GM.T0014181	12	0
SS.GM.T0014186	12	1
SS.GM.T0014191	6	1

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0005880	12	1
SS.GM.T0005896	12	1
SS.GM.T0005901	12	1
SS.GM.T0005907	12	4
SS.GM.T0005910	12	1
SS.GM.T0005911	12	1
SS.GM.T0005918	12	1
SS.GM.T0005944	12	1
SS.GM.T0005967	6	1
SS.GM.T0005968	6	1
SS.GM.T0005969	6	1
SS.GM.T0005977	6	1
SS.GM.T0005980	12	2
SS.GM.T0005983	12	2
SS.GM.T0005996	12	2
SS.GM.T0006007	12	2
SS.GM.T0006019	12	2
SS.GM.T0006022	12	1
SS.GM.T0006025	6	2
SS.GM.T0006036	12	0
SS.GM.T0006037	12	0
SS.GM.T0006048	12	3
SS.GM.T0006049	12	2
SS.GM.T0006075	12	2
SS.GM.T0006077	12	1
SS.GM.T0006080	12	1
SS.GM.T0006081	12	2
SS.GM.T0006082	12	1
SS.GM.T0006088	6	2
SS.GM.T0006091	12	1
SS.GM.T0006094	12	1
SS.GM.T0006099	6	1
SS.GM.T0006110	6	0
SS.GM.T0006122	6	1
SS.GM.T0006123	6	1
SS.GM.T0006124	6	1
SS.GM.T0006125	6	1
SS.GM.T0006130	12	1
SS.GM.T0006169	12	1
SS.GM.T0006170	12	1
SS.GM.T0006183	12	1
SS.GM.T0006193	12	1
SS.GM.T0006194	12	1
SS.GM.T0006197	12	1
SS.GM.T0006204	12	1
SS.GM.T0006205	12	1
SS.GM.T0006207	12	1
SS.GM.T0006218	12	1
SS.GM.T0006221	12	1
SS.GM.T0006227	12	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0014192	12	1
SS.GM.T0014200	12	1
SS.GM.T0014211	6	2
SS.GM.T0014212	6	2
SS.GM.T0014213	12	1
SS.GM.T0014216	3	1
SS.GM.T0014220	6	2
SS.GM.T0014264	6	1
SS.GM.T0014314	12	1
SS.GM.T0014320	12	1
SS.GM.T0014425	12	1
SS.GM.T0014543	12	1
SS.GM.T0014658	6	1
SS.GM.T0014661	6	1
SS.GM.T0014672	12	1
SS.GM.T0014673	12	1
SS.GM.T0014782	12	1
SS.GM.T0014807	12	0
SS.GM.T0014835	3	2
SS.GM.T0014847	12	1
SS.GM.T0014856	12	2
SS.GM.T0014872	12	1
SS.GM.T0014877	12	1
SS.GM.T0014893	12	1
SS.GM.T0014915	12	1
SS.GM.T0014919	6	1
SS.GM.T0014924	12	1
SS.GM.T0014969	12	2
SS.GM.T0014977	6	1
SS.GM.T0014993	12	1
SS.GM.T0014998	12	1
SS.GM.T0015000	12	1
SS.GM.T0015010	12	2
SS.GM.T0015024	6	2
SS.GM.T0015057	6	2
SS.GM.T0015060	6	1
SS.GM.T0015090	12	0
SS.GM.T0015121	12	1
SS.GM.T0015122	12	1
SS.GM.T0015139	6	1
SS.GM.T0015140	6	1
SS.GM.T0015149	12	1
SS.GM.T0015208	12	1
SS.GM.T0015248	6	2
SS.GM.T0015302	12	2
SS.GM.T0015308	12	1
SS.GM.T0015310	12	1
SS.GM.T0015343	12	3
SS.GM.T0015433	12	1



Legend

- 3 Month Cycle
- 6 Month Cycle
- 12 Month Cycle

- Sewer Gravity Mains
- Major Roads
- Minor Roads

- City Limits

- Grid Boundaries

Sewer Meter Basins

- Group 1 (2017)
- Group 2 (2018)
- Group 3 (2019)
- Group 4 (2020)
- Group 4 Basin 18 (2020)
- Group 5 (2021)
- Group 6 (2022)
- Group 7 (2023)

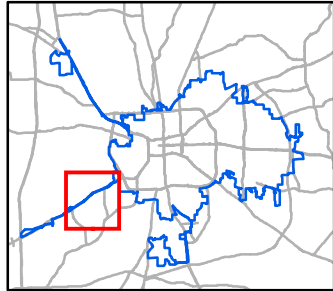
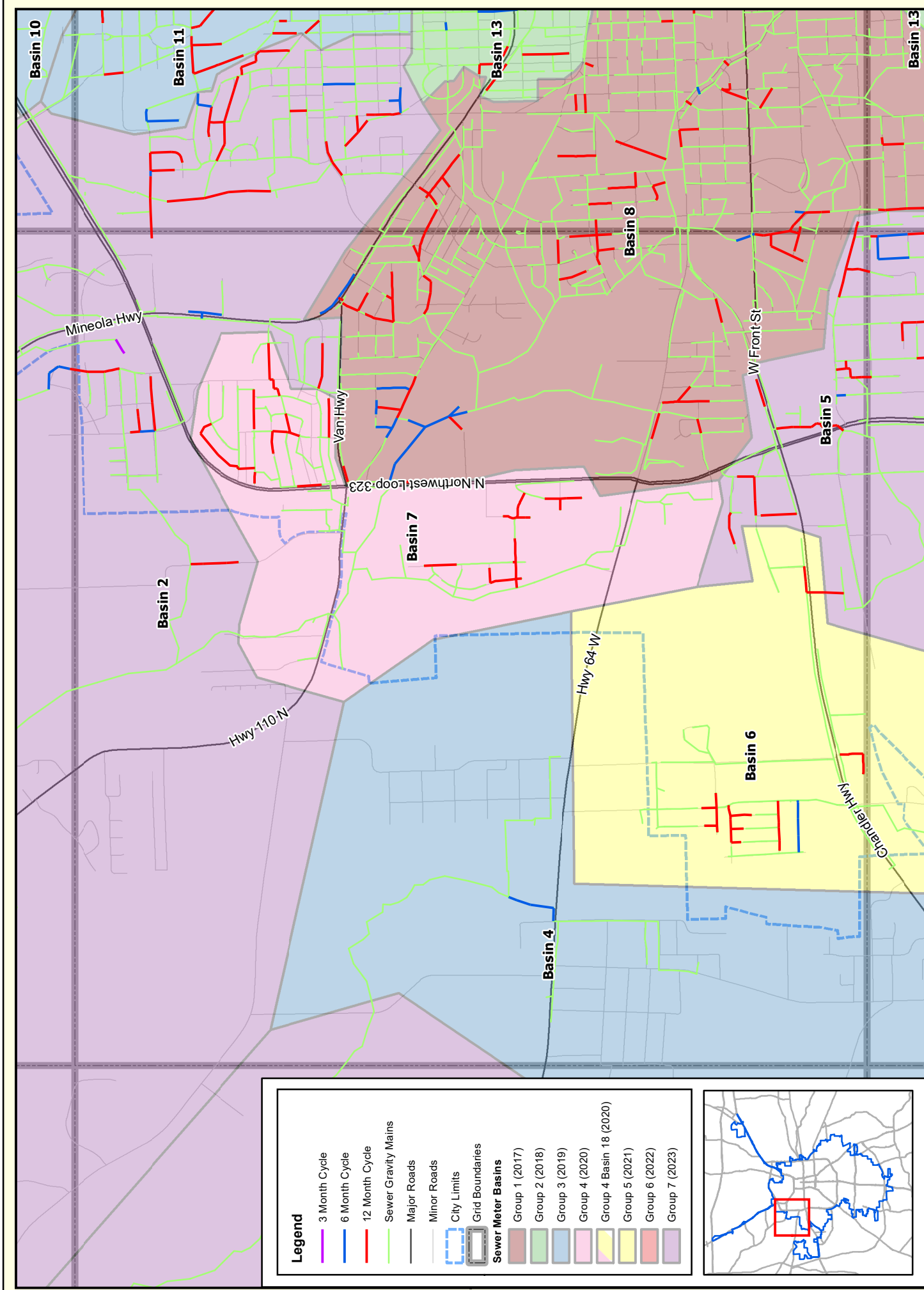
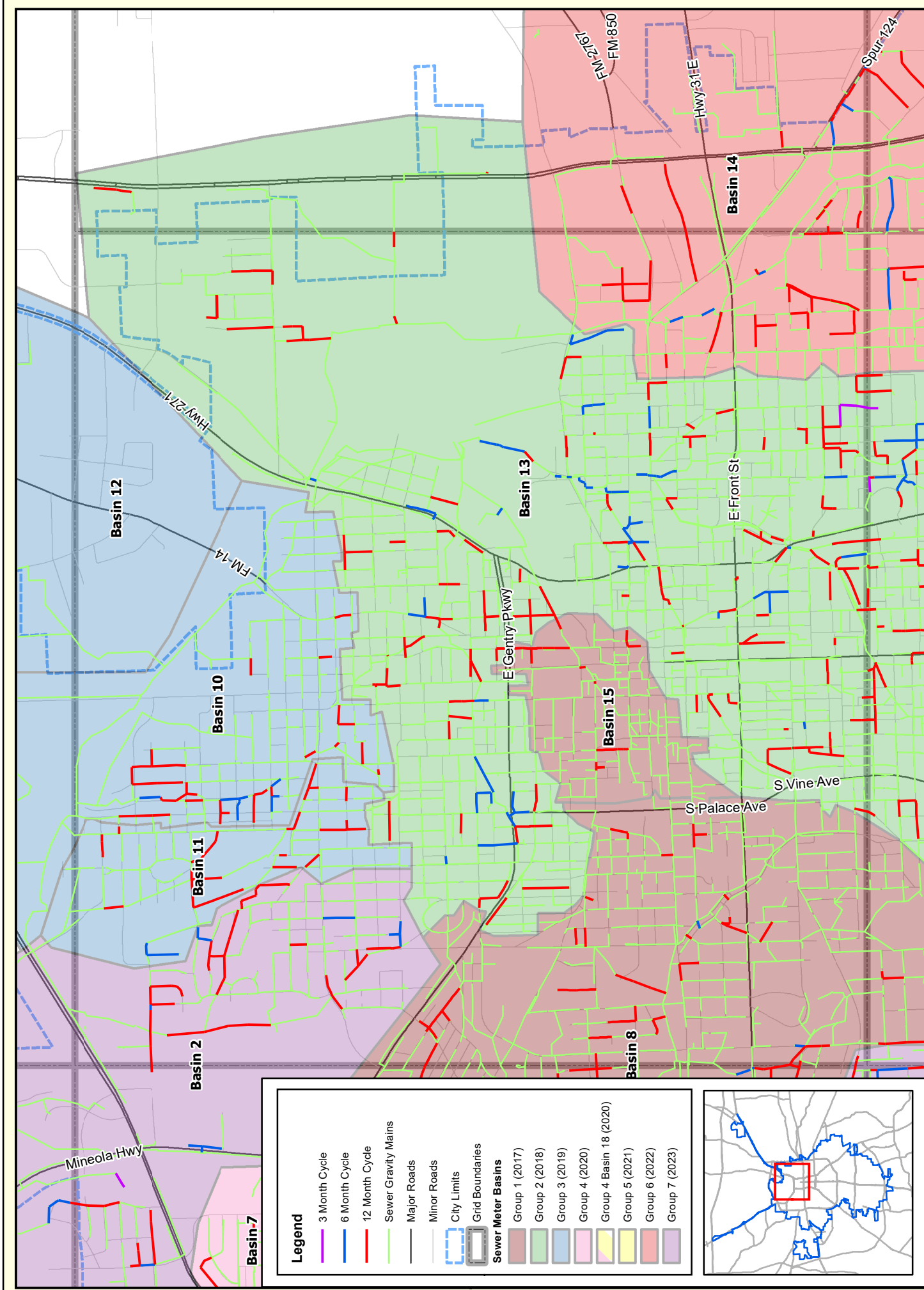


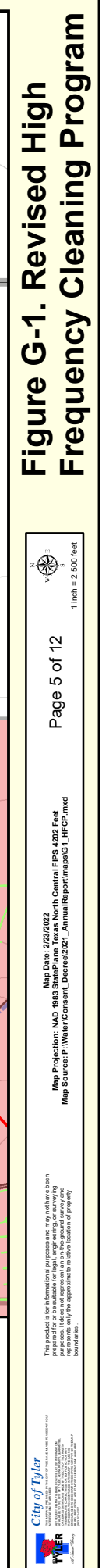
Figure G-1. Revised High Frequency Cleaning Program



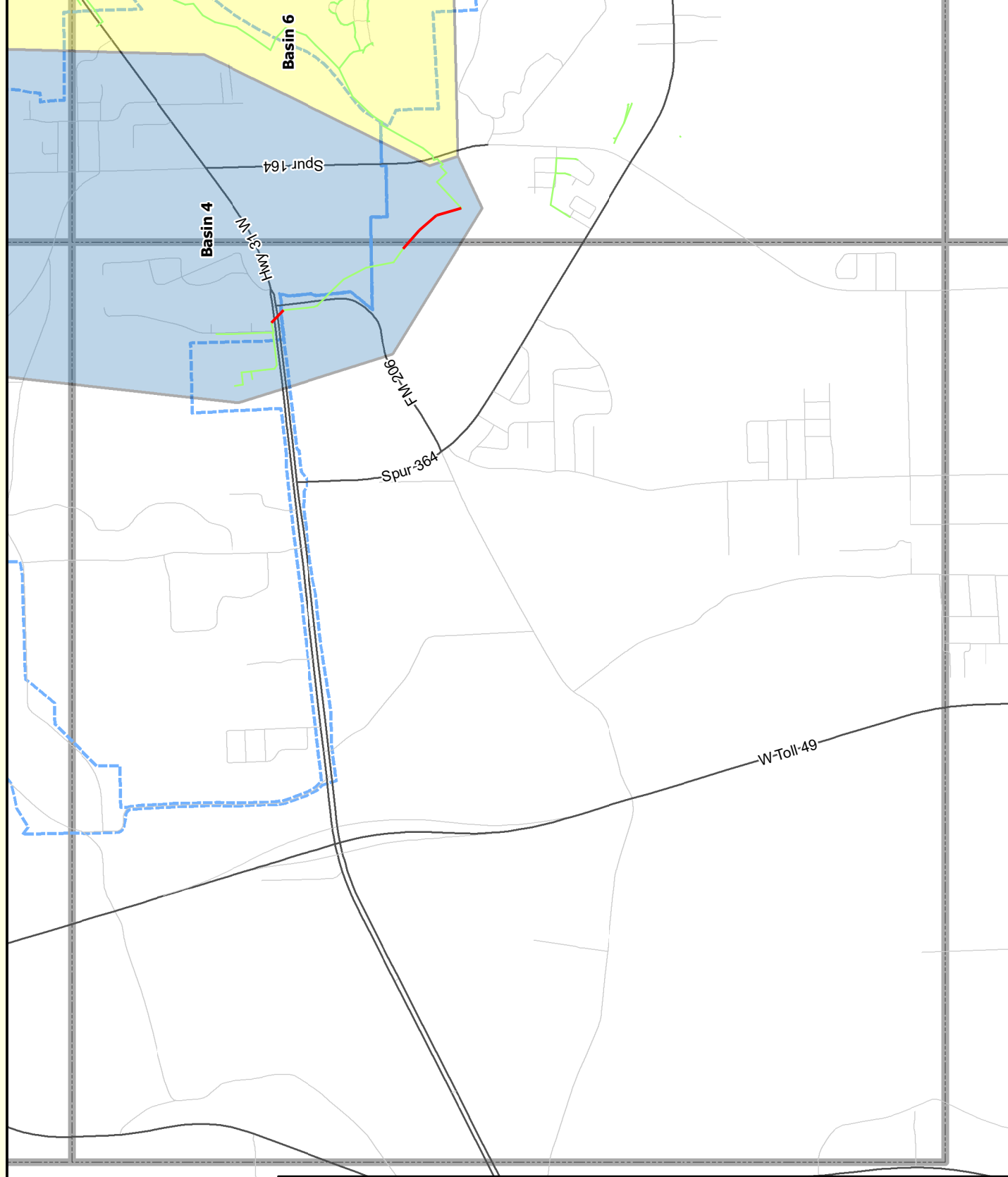






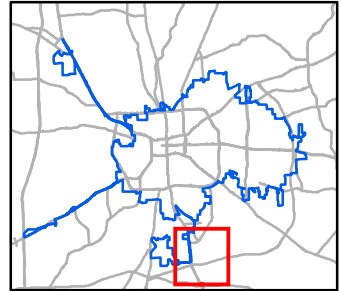


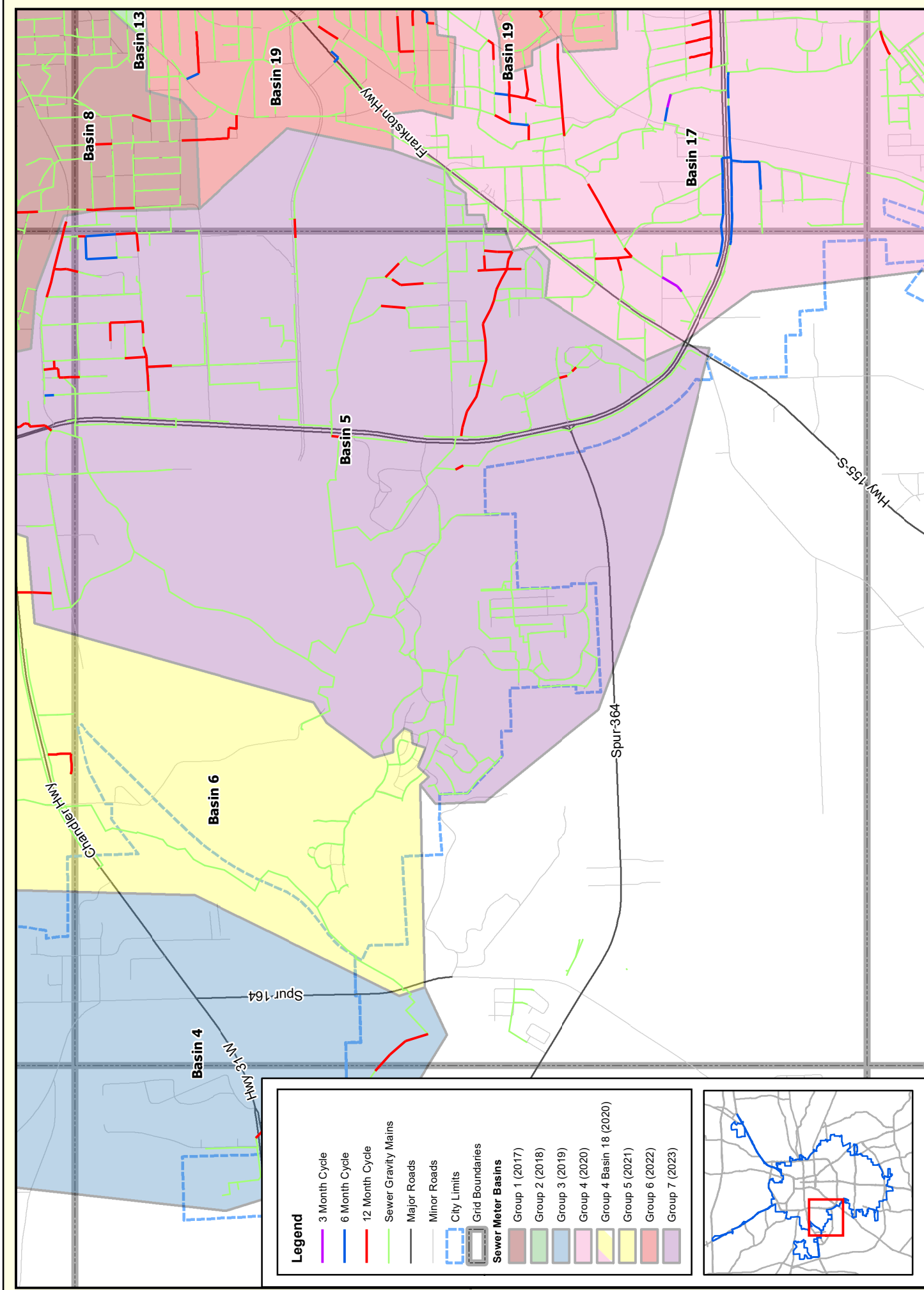
1 inch = 2,500 feet



Legend

- 3 Month Cycle
- 6 Month Cycle
- 12 Month Cycle
- Sewer Gravity Mains
- Major Roads
- Minor Roads
- City Limits
- Grid Boundaries
- Sewer Meter Basins
 - Group 1 (2017)
 - Group 2 (2018)
 - Group 3 (2019)
 - Group 4 (2020)
 - Group 4 Basin 18 (2020)
 - Group 5 (2021)
 - Group 6 (2022)
 - Group 7 (2023)





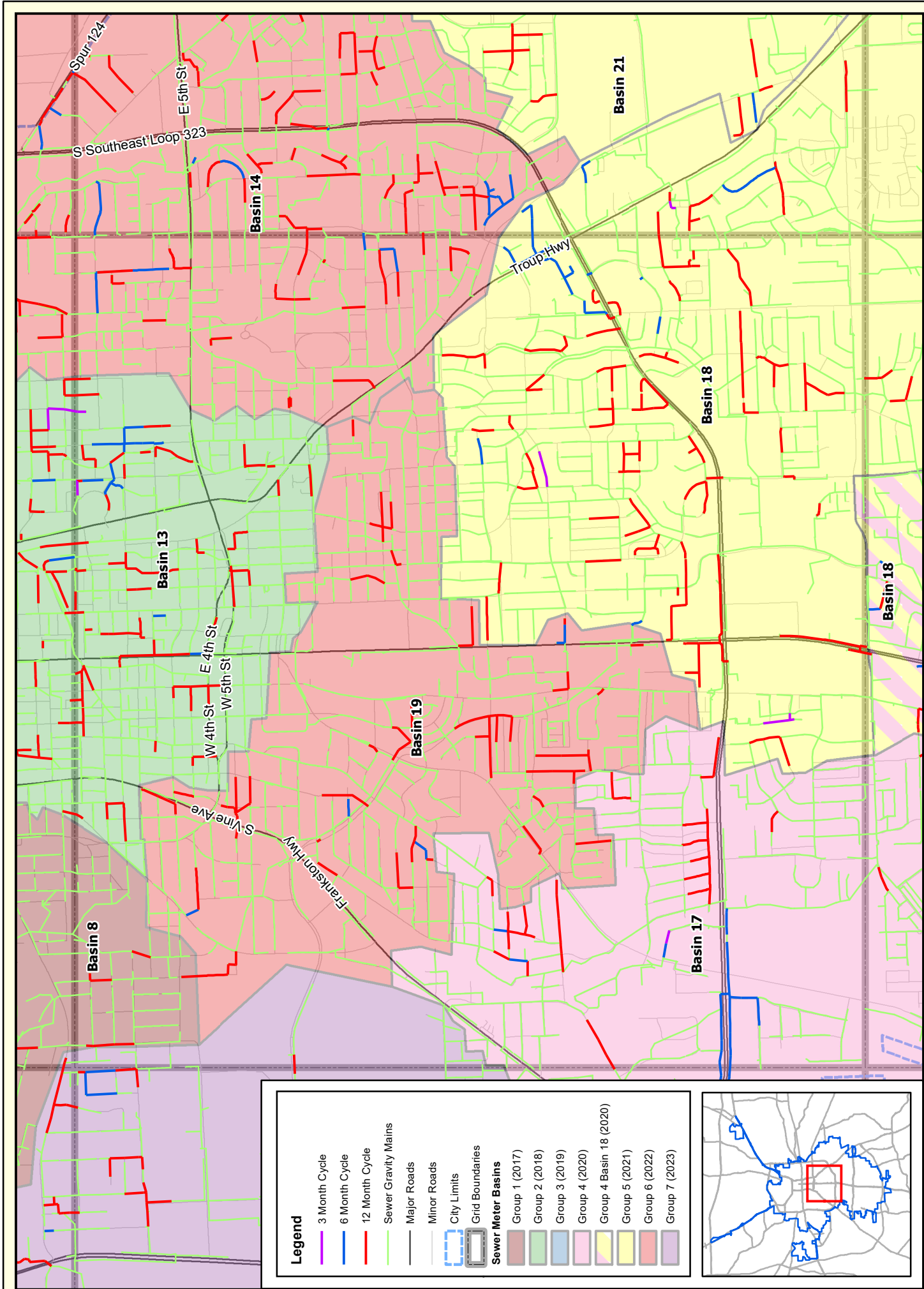
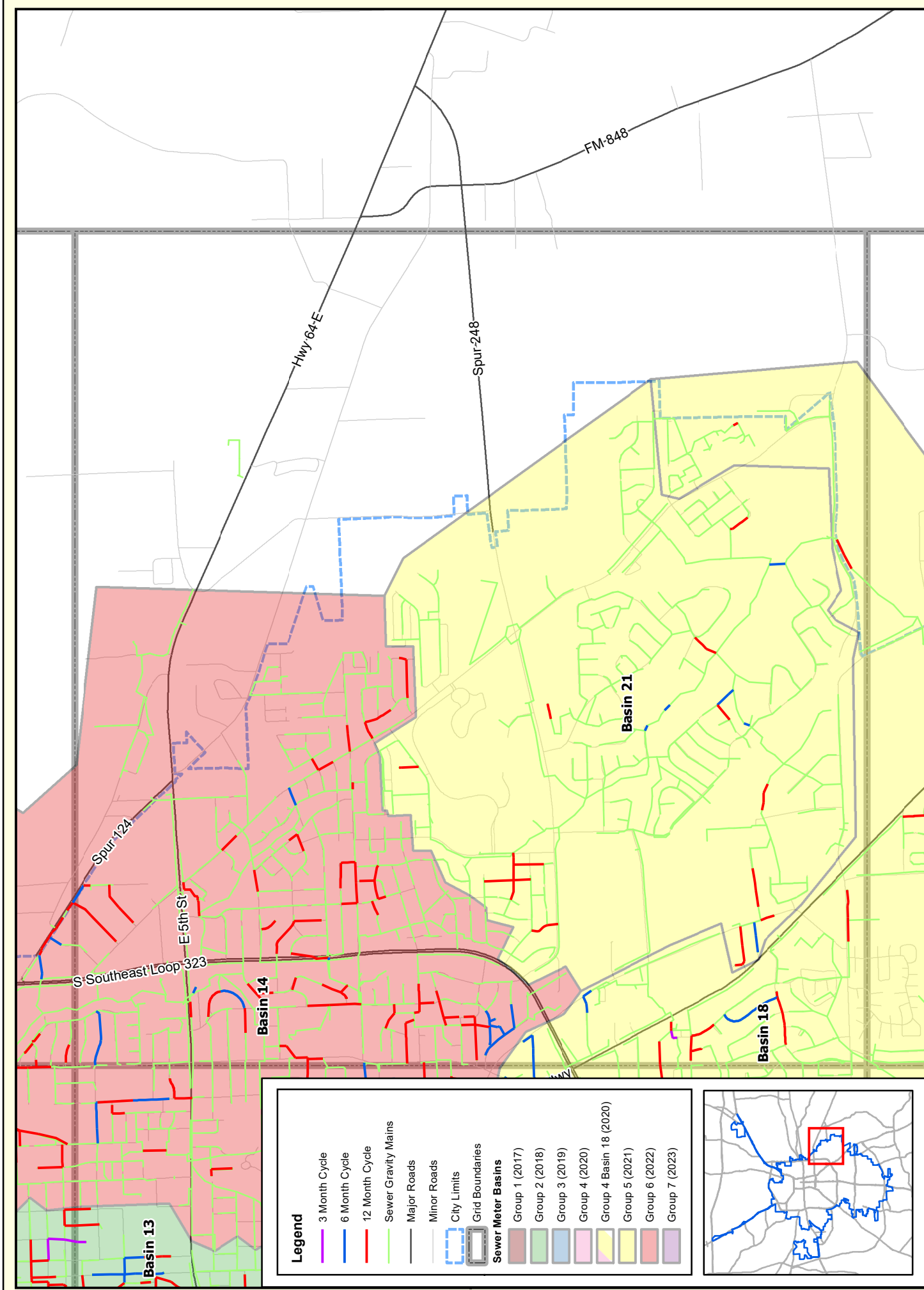
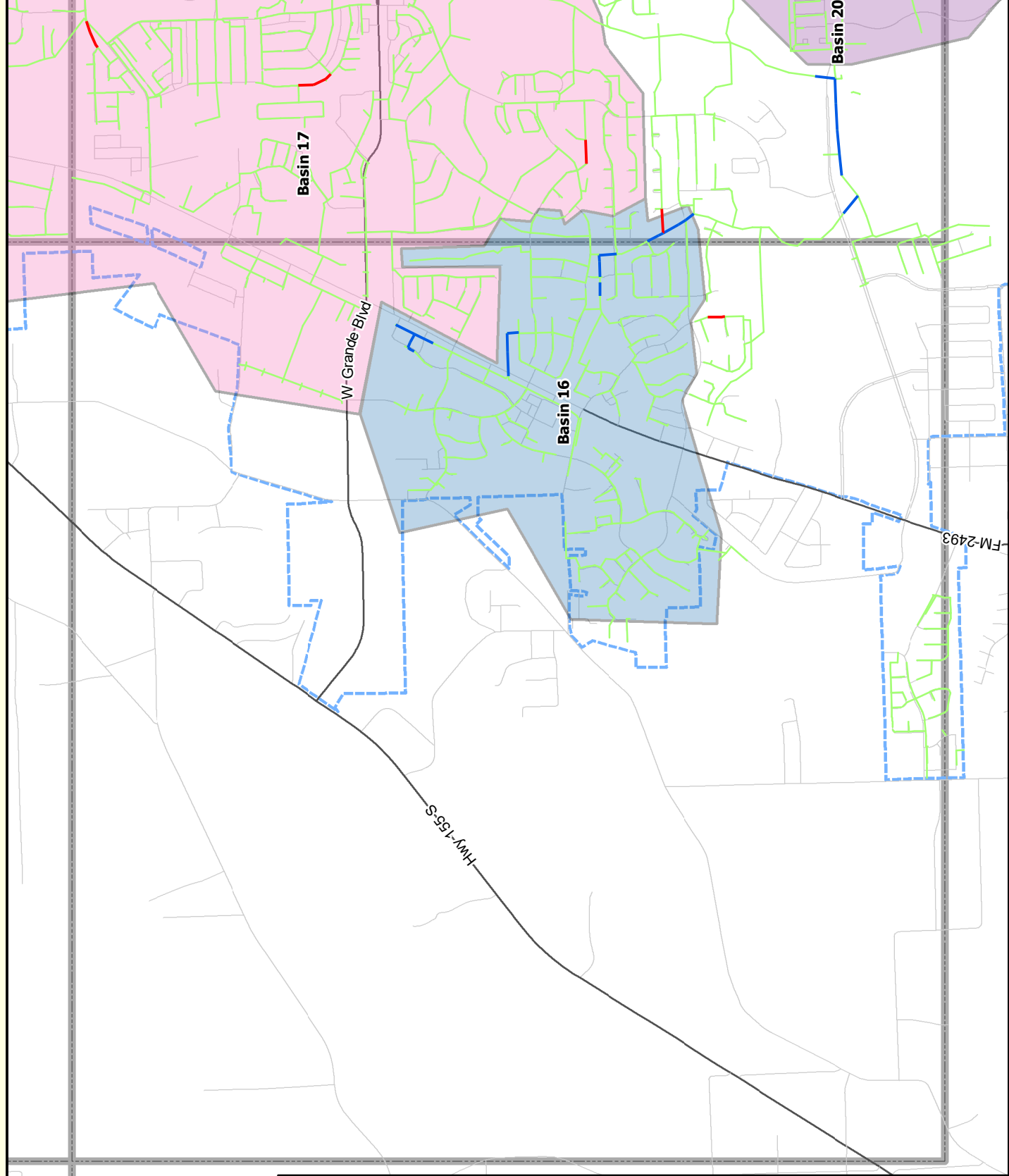


Figure G-1. Revised High Frequency Cleaning Program

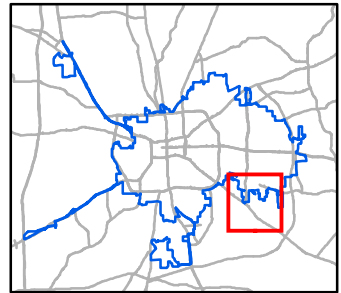






Legend

- 3 Month Cycle
- 6 Month Cycle
- 12 Month Cycle
- Sewer Gravity Mains
- Major Roads
- Minor Roads
- City Limits
- Grid Boundaries
- Sewer Meter Basins
 - Group 1 (2017)
 - Group 2 (2018)
 - Group 3 (2019)
 - Group 4 (2020)
 - Group 4 Basin 18 (2020)
 - Group 5 (2021)
 - Group 6 (2022)
 - Group 7 (2023)

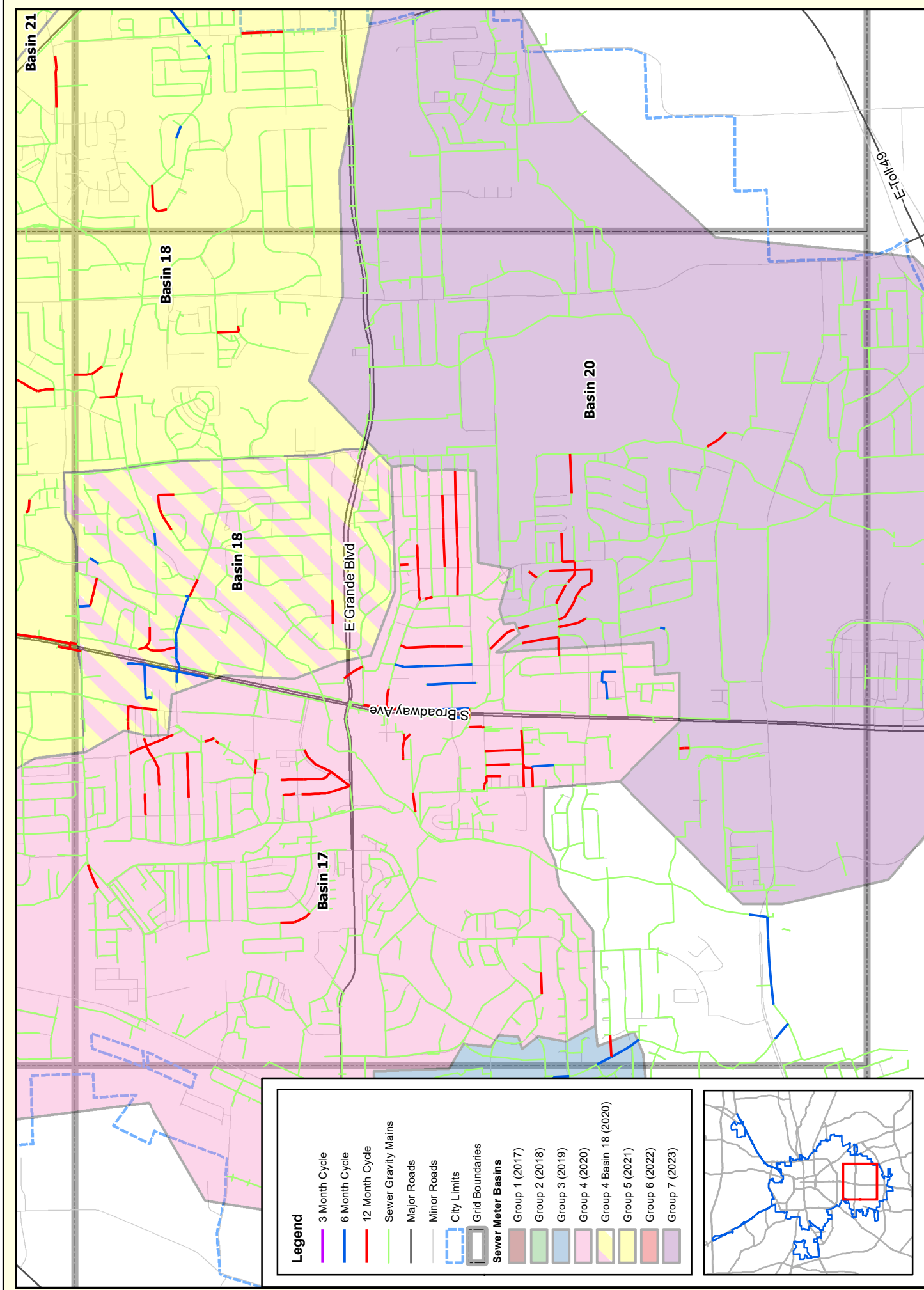


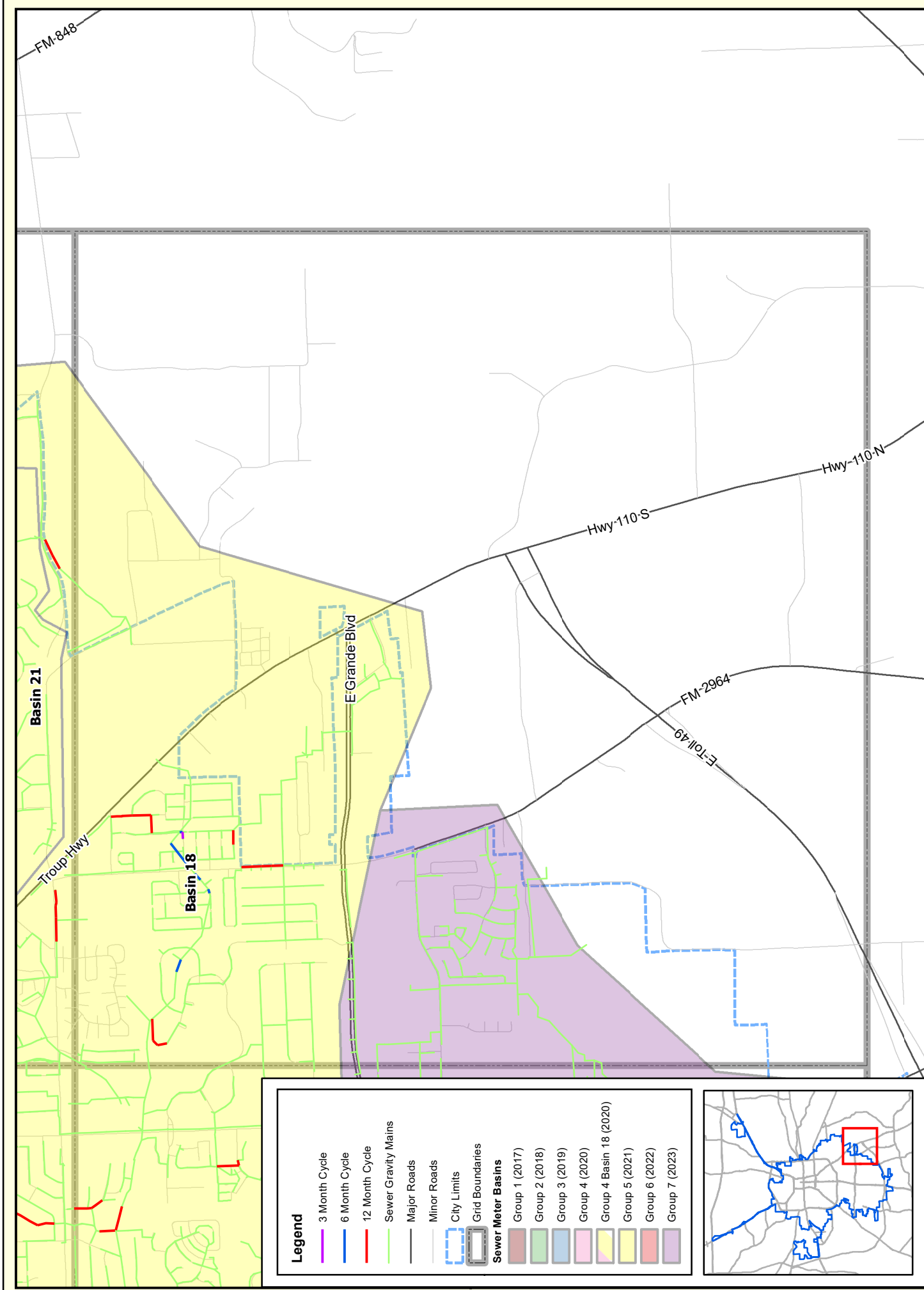
This product is for informational purposes and may not have been prepared by a professional engineer or surveyor. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

Map Date: 2/23/2022
 Map Projection: NAD 1983 StatePlane Texas North Central FIPS 4302 Feet
 Map Source: P:\Water\Consent\Decrease\1_AnnualReport.mxd and LIP CR.mxd



Figure G-1. Revised High Frequency Cleaning Program





Section H. Root Control Program (Paragraph 43):

Total Miles of Gravity Sewer Lines Where Root Control Activities Were Conducted

Condition assessment of mainline sewer utilizing CCTV and normal maintenance activities have identified pipes with root intrusion. Reactive and/or proactive root control activities were conducted on 35.59 miles of the wastewater collection system during the 1 January 2021 through 31 December 2021 reporting period.

Means of Root Control

Mechanical root control was used by TWU during the 1 January 2021 through 31 December 2021 reporting period. TWU uses rodding machines, jetters, and vacuum jetters to cut and remove roots from the sewer mains.

TWU also contracted to have areas treated for chemical root control. These areas will be monitored to determine effectiveness of mechanical vs. chemical root control.

Degree of Chemical vs. Mechanical Means of Root Control

The percentage of each method of root control activity conducted during the 1 January 2021 through 31 December 2021 reporting period is shown in **Table H-1**, below.

Table H-1: Percentage of Root Control Measures Used

Means of Root Control	Miles Treated	Percentage of Total (%)
Chemical	0.82	2
Mechanical	34.77	98
Total	35.59	100

Sewer Segments Addressed

See **Table H-2** for a listing of the sewer segments – by Asset ID – where root control activities were conducted during the 1 January 2021 through 31 December 2021 reporting period. No segments were previously identified by analysis as referred to under subparagraphs 43.a or 40.d.

Table H-2: Gravity Sewer Mains with Root Control Activity

Asset ID	Asset ID	Asset ID	Asset ID
SS.GM.T0000319	SS.GM.T0005941	SS.GM.T0009983	SS.GM.T0005763
SS.GM.T0000320	SS.GM.T0006007	SS.GM.T0009998	SS.GM.T0005783
SS.GM.T0000384	SS.GM.T0006048	SS.GM.T0010006	SS.GM.T0005867
SS.GM.T0000420	SS.GM.T0006049	SS.GM.T0010008	SS.GM.T0005942
SS.GM.T0000425	SS.GM.T0006088	SS.GM.T0010551	SS.GM.T0005967
SS.GM.T0000472	SS.GM.T0006130	SS.GM.T0010560	SS.GM.T0005968
SS.GM.T0000473	SS.GM.T0006193	SS.GM.T0010717	SS.GM.T0005969
SS.GM.T0000481	SS.GM.T0006194	SS.GM.T0010928	SS.GM.T0005983
SS.GM.T0000547	SS.GM.T0006197	SS.GM.T0010931	SS.GM.T0006019
SS.GM.T0000593	SS.GM.T0006227	SS.GM.T0012041	SS.GM.T0006022
SS.GM.T0000629	SS.GM.T0006228	SS.GM.T0012075	SS.GM.T0006075
SS.GM.T0000665	SS.GM.T0006335	SS.GM.T0012095	SS.GM.T0006081
SS.GM.T0000666	SS.GM.T0006365	SS.GM.T0012335	SS.GM.T0006183
SS.GM.T0000716	SS.GM.T0006366	SS.GM.T0012358	SS.GM.T0006204
SS.GM.T0000745	SS.GM.T0006384	SS.GM.T0012439	SS.GM.T0006205
SS.GM.T0000806	SS.GM.T0006385	SS.GM.T0012441	SS.GM.T0006207
SS.GM.T0000813	SS.GM.T0006403	SS.GM.T0012443	SS.GM.T0006221
SS.GM.T0000840	SS.GM.T0006404	SS.GM.T0012444	SS.GM.T0006248
SS.GM.T0000844	SS.GM.T0006408	SS.GM.T0012517	SS.GM.T0006364
SS.GM.T0000846	SS.GM.T0006409	SS.GM.T0012963	SS.GM.T0006383
SS.GM.T0000929	SS.GM.T0006421	SS.GM.T0013008	SS.GM.T0006406
SS.GM.T0000950	SS.GM.T0006433	SS.GM.T0013028	SS.GM.T0006407
SS.GM.T0001186	SS.GM.T0006434	SS.GM.T0013035	SS.GM.T0006466
SS.GM.T0001326	SS.GM.T0006447	SS.GM.T0013047	SS.GM.T0006536
SS.GM.T0001348	SS.GM.T0006472	SS.GM.T0013086	SS.GM.T0006575
SS.GM.T0001389	SS.GM.T0006487	SS.GM.T0013123	SS.GM.T0006577
SS.GM.T0001391	SS.GM.T0006537	SS.GM.T0013187	SS.GM.T0006704
SS.GM.T0001466	SS.GM.T0006538	SS.GM.T0013336	SS.GM.T0006728
SS.GM.T0001497	SS.GM.T0006574	SS.GM.T0013502	SS.GM.T0006855
SS.GM.T0001629	SS.GM.T0006576	SS.GM.T0013835	SS.GM.T0006894
SS.GM.T0001638	SS.GM.T0006580	SS.GM.T0013895	SS.GM.T0007070
SS.GM.T0001673	SS.GM.T0006586	SS.GM.T0013950	SS.GM.T0007213
SS.GM.T0001750	SS.GM.T0006602	SS.GM.T0014005	SS.GM.T0007214
SS.GM.T0001753	SS.GM.T0006606	SS.GM.T0014016	SS.GM.T0007216
SS.GM.T0001842	SS.GM.T0006638	SS.GM.T0014143	SS.GM.T0007221
SS.GM.T0001843	SS.GM.T0006646	SS.GM.T0014186	SS.GM.T0007268
SS.GM.T0001844	SS.GM.T0006663	SS.GM.T0014672	SS.GM.T0007309
SS.GM.T0002006	SS.GM.T0006831	SS.GM.T0014807	SS.GM.T0007311
SS.GM.T0002066	SS.GM.T0006874	SS.GM.T0014893	SS.GM.T0007320
SS.GM.T0002172	SS.GM.T0006903	SS.GM.T0014994	SS.GM.T0007344
SS.GM.T0002279	SS.GM.T0006912	SS.GM.T0014998	SS.GM.T0007348
SS.GM.T0002280	SS.GM.T0006958	SS.GM.T0015000	SS.GM.T0007401
SS.GM.T0002411	SS.GM.T0007031	SS.GM.T0015010	SS.GM.T0007460
SS.GM.T0002491	SS.GM.T0007063	SS.GM.T0015057	SS.GM.T0007502
SS.GM.T0002492	SS.GM.T0007068	SS.GM.T0015090	SS.GM.T0007562
SS.GM.T0002529	SS.GM.T0007073	SS.GM.T0015248	SS.GM.T0007599
SS.GM.T0002531	SS.GM.T0007098	SS.GM.T0015302	SS.GM.T0007602
SS.GM.T0002532	SS.GM.T0007118	SS.GM.T0015343	SS.GM.T0007610
SS.GM.T0002573	SS.GM.T0007119	SS.GM.T0015687	SS.GM.T0007647
SS.GM.T0002661	SS.GM.T0007204	SS.GM.T0000318	SS.GM.T0007648
SS.GM.T0002669	SS.GM.T0007211	SS.GM.T0000364	SS.GM.T0007673
SS.GM.T0002675	SS.GM.T0007212	SS.GM.T0000414	SS.GM.T0007702
SS.GM.T0002783	SS.GM.T0007222	SS.GM.T0000522	SS.GM.T0007720
SS.GM.T0002784	SS.GM.T0007258	SS.GM.T0000575	SS.GM.T0007721
SS.GM.T0002804	SS.GM.T0007267	SS.GM.T0000580	SS.GM.T0007723
SS.GM.T0002826	SS.GM.T0007308	SS.GM.T0000584	SS.GM.T0007776
SS.GM.T0002834	SS.GM.T0007310	SS.GM.T0000586	SS.GM.T0007983

Table H-2: Gravity Sewer Mains with Root Control Activity

Asset ID	Asset ID	Asset ID	Asset ID
SS.GM.T0002914	SS.GM.T0007321	SS.GM.T0000619	SS.GM.T0008026
SS.GM.T0002916	SS.GM.T0007368	SS.GM.T0000620	SS.GM.T0008048
SS.GM.T0002969	SS.GM.T0007369	SS.GM.T0000637	SS.GM.T0008063
SS.GM.T0002978	SS.GM.T0007391	SS.GM.T0000667	SS.GM.T0008074
SS.GM.T0003054	SS.GM.T0007425	SS.GM.T0000808	SS.GM.T0008076
SS.GM.T0003088	SS.GM.T0007488	SS.GM.T0000843	SS.GM.T0008078
SS.GM.T0003176	SS.GM.T0007489	SS.GM.T0000853	SS.GM.T0008079
SS.GM.T0003214	SS.GM.T0007563	SS.GM.T0000927	SS.GM.T0008086
SS.GM.T0003232	SS.GM.T0007590	SS.GM.T0001132	SS.GM.T0008105
SS.GM.T0003241	SS.GM.T0007597	SS.GM.T0001150	SS.GM.T0008139
SS.GM.T0003293	SS.GM.T0007600	SS.GM.T0001257	SS.GM.T0008147
SS.GM.T0003362	SS.GM.T0007601	SS.GM.T0001258	SS.GM.T0008149
SS.GM.T0003419	SS.GM.T0007622	SS.GM.T0001327	SS.GM.T0008163
SS.GM.T0003551	SS.GM.T0007642	SS.GM.T0001390	SS.GM.T0008202
SS.GM.T0003578	SS.GM.T0007643	SS.GM.T0001489	SS.GM.T0008231
SS.GM.T0003670	SS.GM.T0007674	SS.GM.T0001637	SS.GM.T0008317
SS.GM.T0003718	SS.GM.T0007704	SS.GM.T0001678	SS.GM.T0008324
SS.GM.T0003734	SS.GM.T0007722	SS.GM.T0001751	SS.GM.T0008349
SS.GM.T0003786	SS.GM.T0007770	SS.GM.T0001752	SS.GM.T0008358
SS.GM.T0003838	SS.GM.T0007775	SS.GM.T0001757	SS.GM.T0008373
SS.GM.T0003881	SS.GM.T0007777	SS.GM.T0001778	SS.GM.T0008380
SS.GM.T0003911	SS.GM.T0007860	SS.GM.T0001828	SS.GM.T0008382
SS.GM.T0003929	SS.GM.T0007868	SS.GM.T0001834	SS.GM.T0008394
SS.GM.T0004005	SS.GM.T0007869	SS.GM.T0001839	SS.GM.T0008395
SS.GM.T0004009	SS.GM.T0007877	SS.GM.T0001899	SS.GM.T0008429
SS.GM.T0004010	SS.GM.T0007878	SS.GM.T0002051	SS.GM.T0008504
SS.GM.T0004024	SS.GM.T0007881	SS.GM.T0002067	SS.GM.T0008511
SS.GM.T0004053	SS.GM.T0007968	SS.GM.T0002097	SS.GM.T0008580
SS.GM.T0004079	SS.GM.T0007972	SS.GM.T0002098	SS.GM.T0008587
SS.GM.T0004097	SS.GM.T0007975	SS.GM.T0002204	SS.GM.T0008595
SS.GM.T0004113	SS.GM.T0007982	SS.GM.T0002391	SS.GM.T0008631
SS.GM.T0004123	SS.GM.T0008037	SS.GM.T0002406	SS.GM.T0008654
SS.GM.T0004171	SS.GM.T0008049	SS.GM.T0002407	SS.GM.T0008715
SS.GM.T0004182	SS.GM.T0008050	SS.GM.T0002495	SS.GM.T0008798
SS.GM.T0004185	SS.GM.T0008056	SS.GM.T0002530	SS.GM.T0008850
SS.GM.T0004207	SS.GM.T0008065	SS.GM.T0002566	SS.GM.T0008851
SS.GM.T0004209	SS.GM.T0008077	SS.GM.T0002570	SS.GM.T0008873
SS.GM.T0004232	SS.GM.T0008153	SS.GM.T0002574	SS.GM.T0008918
SS.GM.T0004249	SS.GM.T0008159	SS.GM.T0002663	SS.GM.T0009006
SS.GM.T0004252	SS.GM.T0008160	SS.GM.T0002695	SS.GM.T0009024
SS.GM.T0004311	SS.GM.T0008162	SS.GM.T0002835	SS.GM.T0009045
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SS.GM.T0004452	SS.GM.T0008270	SS.GM.T0003146	SS.GM.T0009226
SS.GM.T0004494	SS.GM.T0008272	SS.GM.T0003150	SS.GM.T0009228
SS.GM.T0004507	SS.GM.T0008314	SS.GM.T0003211	SS.GM.T0009232

Table H-2: Gravity Sewer Mains with Root Control Activity

Asset ID	Asset ID	Asset ID	Asset ID
SS.GM.T0004574	SS.GM.T0008326	SS.GM.T0003294	SS.GM.T0009236
SS.GM.T0004599	SS.GM.T0008333	SS.GM.T0003304	SS.GM.T0009273
SS.GM.T0004634	SS.GM.T0008339	SS.GM.T0003373	SS.GM.T0009274
SS.GM.T0004641	SS.GM.T0008347	SS.GM.T0003405	SS.GM.T0009294
SS.GM.T0004649	SS.GM.T0008348	SS.GM.T0003447	SS.GM.T0009461
SS.GM.T0004690	SS.GM.T0008361	SS.GM.T0003544	SS.GM.T0009462
SS.GM.T0004692	SS.GM.T0008362	SS.GM.T0003621	SS.GM.T0009470
SS.GM.T0004721	SS.GM.T0008381	SS.GM.T0003828	SS.GM.T0009472
SS.GM.T0004722	SS.GM.T0008393	SS.GM.T0003852	SS.GM.T0009473
SS.GM.T0004742	SS.GM.T0008396	SS.GM.T0003865	SS.GM.T0009612
SS.GM.T0004743	SS.GM.T0008401	SS.GM.T0003882	SS.GM.T0009716
SS.GM.T0004763	SS.GM.T0008420	SS.GM.T0003887	SS.GM.T0009725
SS.GM.T0004764	SS.GM.T0008425	SS.GM.T0003898	SS.GM.T0009740
SS.GM.T0004804	SS.GM.T0008449	SS.GM.T0003940	SS.GM.T0009753
SS.GM.T0004834	SS.GM.T0008456	SS.GM.T0003965	SS.GM.T0009777
SS.GM.T0004867	SS.GM.T0008481	SS.GM.T0004102	SS.GM.T0009959
SS.GM.T0004893	SS.GM.T0008484	SS.GM.T0004114	SS.GM.T0009984
SS.GM.T0004894	SS.GM.T0008512	SS.GM.T0004115	SS.GM.T0009989
SS.GM.T0004898	SS.GM.T0008544	SS.GM.T0004208	SS.GM.T0010000
SS.GM.T0004899	SS.GM.T0008585	SS.GM.T0004238	SS.GM.T0010007
SS.GM.T0004900	SS.GM.T0008589	SS.GM.T0004309	SS.GM.T0010012
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SS.GM.T0004994	SS.GM.T0008626	SS.GM.T0004312	SS.GM.T0010654
SS.GM.T0004995	SS.GM.T0008714	SS.GM.T0004391	SS.GM.T0010655
SS.GM.T0005009	SS.GM.T0008740	SS.GM.T0004396	SS.GM.T0010656
SS.GM.T0005127	SS.GM.T0008783	SS.GM.T0004635	SS.GM.T0010719
SS.GM.T0005156	SS.GM.T0008786	SS.GM.T0004636	SS.GM.T0010929
SS.GM.T0005166	SS.GM.T0008862	SS.GM.T0004642	SS.GM.T0010930
SS.GM.T0005186	SS.GM.T0008866	SS.GM.T0004644	SS.GM.T0011685
SS.GM.T0005188	SS.GM.T0008887	SS.GM.T0004647	SS.GM.T0012216
SS.GM.T0005198	SS.GM.T0008911	SS.GM.T0004656	SS.GM.T0012221
SS.GM.T0005225	SS.GM.T0008974	SS.GM.T0004693	SS.GM.T0012336
SS.GM.T0005245	SS.GM.T0009004	SS.GM.T0004765	SS.GM.T0012374
SS.GM.T0005253	SS.GM.T0009035	SS.GM.T0004781	SS.GM.T0012438
SS.GM.T0005314	SS.GM.T0009036	SS.GM.T0004790	SS.GM.T0012440
SS.GM.T0005315	SS.GM.T0009047	SS.GM.T0004815	SS.GM.T0012442
SS.GM.T0005320	SS.GM.T0009058	SS.GM.T0004844	SS.GM.T0012894
SS.GM.T0005322	SS.GM.T0009084	SS.GM.T0004971	SS.GM.T0013087
SS.GM.T0005365	SS.GM.T0009097	SS.GM.T0005010	SS.GM.T0013190
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SS.GM.T0005592	SS.GM.T0009143	SS.GM.T0005038	SS.GM.T0013438
SS.GM.T0005636	SS.GM.T0009158	SS.GM.T0005113	SS.GM.T0013558
SS.GM.T0005640	SS.GM.T0009203	SS.GM.T0005126	SS.GM.T0013885
SS.GM.T0005647	SS.GM.T0009214	SS.GM.T0005165	SS.GM.T0013957
SS.GM.T0005648	SS.GM.T0009224	SS.GM.T0005167	SS.GM.T0013960
SS.GM.T0005672	SS.GM.T0009227	SS.GM.T0005192	SS.GM.T0014105
SS.GM.T0005693	SS.GM.T0009237	SS.GM.T0005194	SS.GM.T0014108
SS.GM.T0005694	SS.GM.T0009293	SS.GM.T0005249	SS.GM.T0014140
SS.GM.T0005767	SS.GM.T0009329	SS.GM.T0005250	SS.GM.T0014141
SS.GM.T0005768	SS.GM.T0009378	SS.GM.T0005251	SS.GM.T0014181
SS.GM.T0005797	SS.GM.T0009471	SS.GM.T0005316	SS.GM.T0014192
SS.GM.T0005798	SS.GM.T0009686	SS.GM.T0005317	SS.GM.T0014200
SS.GM.T0005800	SS.GM.T0009730	SS.GM.T0005423	SS.GM.T0014213
SS.GM.T0005896	SS.GM.T0009744	SS.GM.T0005527	SS.GM.T0014847
SS.GM.T0005907	SS.GM.T0009773	SS.GM.T0005546	SS.GM.T0014856
SS.GM.T0005934	SS.GM.T0009829	SS.GM.T0005689	SS.GM.T0014872
			SS.GM.T0014969

Section I. Completion of Condition Assessment Activities (Paragraph 60)

Total Miles of Gravity Sewer Lines Assessed

The total miles of gravity sewer lines assessed during the 1 January 2021 through 31 December 2021 reporting period was 91.4 miles.

Total Miles Assessed per Method of Inspection

The total miles of gravity sewer lines assessed per method of inspection during the 1 January 2021 through 31 December 2021 reporting period is shown in **Table I-1**. ***It should be noted that Table I-1 in the 2020 annual report incorrectly include miles assessed from the previous annual report (2019 annual report). Table I-1 as been updated to reflect the proper miles assessed in 2020 along with the miles assessed in 2021.***

Table I-1: Methods of Inspection Used

Method of Assessment	Miles Assessed in 2021	Miles Assessed in 2020
CCTV	91.4 (50 minimum)	105.5 (50 minimum)
Other Methods	0.0	0.0
Total	91.4 (75 minimum)	105.5 (75 minimum)

Total Number of Manholes Assessed

The total number of manholes assessed during this reporting period was 2,378 manholes.

Rating Scores for Mains and Manholes Assessed

Gravity sewer segments were evaluated using Step 1 – PACP quick rating during CCTV inspection in order to prioritize the analysis. The second step, analysis of inspection data, was undertaken to establish the pipe condition rating (A through E). This information will be used to prepare the Annual Condition Remedial Measures Plan, which will be submitted to the EPA and TCEQ by 1 July 2022. See attached **Table I-2** of gravity sewer segments and **Table I-3** of manholes assessed during the 1 January 2021 through 31 December 2021 reporting period, along with their condition ratings.

Table I-2: Gravity Sewer Main Ratings, Group 5

Asset ID	Rating
SS.GM.T0005934	D
SS.GM.T0005935	C
SS.GM.T0005946	C
SS.GM.T0013558	C
SS.GM.T0005653	B
SS.GM.T0006459	B
SS.GM.T0006460	C
SS.GM.T0006534	B
SS.GM.T0006584	B
SS.GM.T0006588	B
SS.GM.T0006595	D
SS.GM.T0006596	B
SS.GM.T0006597	C
SS.GM.T0006936	B
SS.GM.T0007598	B
SS.GM.T0007632	D
SS.GM.T0007645	D
SS.GM.T0007646	B
SS.GM.T0007651	B
SS.GM.T0007652	D
SS.GM.T0007656	D
SS.GM.T0009813	B
SS.GM.T0000397	D
SS.GM.T0006448	C
SS.GM.T0006449	C
SS.GM.T0006450	D
SS.GM.T0006644	B
SS.GM.T0006645	D
SS.GM.T0006653	C
SS.GM.T0006654	C
SS.GM.T0006730	D
SS.GM.T0006731	B
SS.GM.T0006734	D
SS.GM.T0006766	D
SS.GM.T0007150	D
SS.GM.T0007168	D
SS.GM.T0007389	C
SS.GM.T0007576	C
SS.GM.T0007617	D
SS.GM.T0007618	D
SS.GM.T0007630	B
SS.GM.T0007669	B
SS.GM.T0007687	B
SS.GM.T0007988	D
SS.GM.T0013189	D
SS.GM.T0013190	C
SS.GM.T0013831	C

Asset ID	Rating
SS.GM.T0002735	B
SS.GM.T0002736	C
SS.GM.T0002737	B
SS.GM.T0002738	B
SS.GM.T0002751	B
SS.GM.T0002752	B
SS.GM.T0002753	B
SS.GM.T0002755	B
SS.GM.T0002756	B
SS.GM.T0002757	D
SS.GM.T0002758	B
SS.GM.T0002776	C
SS.GM.T0002777	D
SS.GM.T0002780	C
SS.GM.T0002795	B
SS.GM.T0002798	D
SS.GM.T0002799	B
SS.GM.T0002800	B
SS.GM.T0002801	B
SS.GM.T0002802	C
SS.GM.T0002880	B
SS.GM.T0002882	D
SS.GM.T0002883	D
SS.GM.T0002884	D
SS.GM.T0002885	D
SS.GM.T0002886	C
SS.GM.T0002888	B
SS.GM.T0002889	B
SS.GM.T0002901	C
SS.GM.T0002905	B
SS.GM.T0002908	D
SS.GM.T0002910	B
SS.GM.T0002912	C
SS.GM.T0002913	C
SS.GM.T0002920	D
SS.GM.T0002921	B
SS.GM.T0002922	D
SS.GM.T0003026	D
SS.GM.T0003027	B
SS.GM.T0003028	D
SS.GM.T0003029	B
SS.GM.T0003030	D
SS.GM.T0003031	D
SS.GM.T0003032	D
SS.GM.T0003036	D
SS.GM.T0003037	D
SS.GM.T0003038	C

Asset ID	Rating
SS.GM.T0013667	A
SS.GM.T0013668	A
SS.GM.T0013669	B
SS.GM.T0013670	B
SS.GM.T0013671	B
SS.GM.T0013679	C
SS.GM.T0013693	A
SS.GM.T0013694	A
SS.GM.T0013718	A
SS.GM.T0013719	A
SS.GM.T0013807	B
SS.GM.T0013809	B
SS.GM.T0013814	B
SS.GM.T0013826	B
SS.GM.T0013865	A
SS.GM.T0013874	A
SS.GM.T0013875	A
SS.GM.T0013877	B
SS.GM.T0013882	C
SS.GM.T0013954	B
SS.GM.T0013970	B
SS.GM.T0014006	B
SS.GM.T0014007	B
SS.GM.T0014008	B
SS.GM.T0014009	B
SS.GM.T0014010	B
SS.GM.T0014021	B
SS.GM.T0014022	B
SS.GM.T0014023	B
SS.GM.T0014024	B
SS.GM.T0014025	B
SS.GM.T0014028	B
SS.GM.T0014031	D
SS.GM.T0014033	D
SS.GM.T0014034	D
SS.GM.T0014111	B
SS.GM.T0014323	B
SS.GM.T0014324	C
SS.GM.T0014401	D
SS.GM.T0014496	D
SS.GM.T0014516	B
SS.GM.T0014517	B
SS.GM.T0014524	B
SS.GM.T0014525	B
SS.GM.T0014837	B
SS.GM.T0014838	B
SS.GM.T0014839	B

Table I-2: Gravity Sewer Main Ratings, Group 5

Asset ID	Rating
SS.GM.T0013937	D
SS.GM.T0014741	B
SS.GM.T0015269	B
SS.GM.T0015327	B
SS.GM.T0004091	B
SS.GM.T0004092	B
SS.GM.T0004093	D
SS.GM.T0004132	D
SS.GM.T0007032	D
SS.GM.T0004865	D
SS.GM.T0005511	D
SS.GM.T0006092	B
SS.GM.T0006117	D
SS.GM.T0006132	D
SS.GM.T0006316	D
SS.GM.T0006487	D
SS.GM.T0007105	B
SS.GM.T0007113	D
SS.GM.T0007123	B
SS.GM.T0008327	B
SS.GM.T0008455	B
SS.GM.T0009011	B
SS.GM.T0009043	D
SS.GM.T0009046	D
SS.GM.T0009073	C
SS.GM.T0009254	B
SS.GM.T0009271	A
SS.GM.T0009716	D
SS.GM.T0009719	D
SS.GM.T0014772	B
SS.GM.T0010350	B
SS.GM.T0014594	A
SS.GM.T0000630	C
SS.GM.T0000631	C
SS.GM.T0000909	D
SS.GM.T0000911	B
SS.GM.T0000926	D
SS.GM.T0000927	D
SS.GM.T0000928	D
SS.GM.T0000929	D
SS.GM.T0000933	C
SS.GM.T0001088	B
SS.GM.T0001108	D
SS.GM.T0001118	D
SS.GM.T0001132	C
SS.GM.T0001133	D
SS.GM.T0001276	B

Asset ID	Rating
SS.GM.T0003039	C
SS.GM.T0003040	B
SS.GM.T0003041	D
SS.GM.T0003042	D
SS.GM.T0003044	B
SS.GM.T0003045	D
SS.GM.T0003046	D
SS.GM.T0003047	B
SS.GM.T0003048	C
SS.GM.T0003049	D
SS.GM.T0003053	D
SS.GM.T0003055	B
SS.GM.T0003056	B
SS.GM.T0003058	B
SS.GM.T0003061	B
SS.GM.T0003062	C
SS.GM.T0003063	B
SS.GM.T0003064	D
SS.GM.T0003065	D
SS.GM.T0003066	C
SS.GM.T0003067	C
SS.GM.T0003068	C
SS.GM.T0003069	B
SS.GM.T0003070	B
SS.GM.T0003071	D
SS.GM.T0003072	D
SS.GM.T0003073	D
SS.GM.T0003074	D
SS.GM.T0003075	D
SS.GM.T0003076	B
SS.GM.T0003077	D
SS.GM.T0003082	D
SS.GM.T0003083	B
SS.GM.T0003084	C
SS.GM.T0003086	C
SS.GM.T0003087	C
SS.GM.T0003088	B
SS.GM.T0003089	B
SS.GM.T0003092	B
SS.GM.T0003093	B
SS.GM.T0003094	B
SS.GM.T0003095	D
SS.GM.T0003096	D
SS.GM.T0003097	B
SS.GM.T0003098	C
SS.GM.T0003099	D
SS.GM.T0003100	C

Asset ID	Rating
SS.GM.T0014843	D
SS.GM.T0014845	C
SS.GM.T0014846	D
SS.GM.T0014847	B
SS.GM.T0014848	B
SS.GM.T0014849	E
SS.GM.T0014850	B
SS.GM.T0014851	B
SS.GM.T0014852	D
SS.GM.T0014853	B
SS.GM.T0014861	B
SS.GM.T0014862	B
SS.GM.T0014868	B
SS.GM.T0014869	D
SS.GM.T0014871	D
SS.GM.T0014873	B
SS.GM.T0014874	C
SS.GM.T0014875	B
SS.GM.T0014876	B
SS.GM.T0014879	B
SS.GM.T0014897	D
SS.GM.T0014898	A
SS.GM.T0014899	B
SS.GM.T0014903	B
SS.GM.T0014906	A
SS.GM.T0014907	A
SS.GM.T0014908	B
SS.GM.T0014910	B
SS.GM.T0014911	B
SS.GM.T0014912	B
SS.GM.T0014915	B
SS.GM.T0014916	A
SS.GM.T0014917	B
SS.GM.T0014918	A
SS.GM.T0014921	B
SS.GM.T0014922	B
SS.GM.T0014923	B
SS.GM.T0014924	B
SS.GM.T0014925	B
SS.GM.T0014928	D
SS.GM.T0014937	B
SS.GM.T0014938	B
SS.GM.T0014939	B
SS.GM.T0014940	B
SS.GM.T0014941	B
SS.GM.T0014942	B
SS.GM.T0014943	B

Table I-2: Gravity Sewer Main Ratings, Group 5

Asset ID	Rating
SS.GM.T0001594	D
SS.GM.T0001595	D
SS.GM.T0001596	D
SS.GM.T0001597	C
SS.GM.T0001600	B
SS.GM.T0001621	B
SS.GM.T0001815	B
SS.GM.T0001891	B
SS.GM.T0001892	B
SS.GM.T0001923	D
SS.GM.T0001945	B
SS.GM.T0001946	B
SS.GM.T0001947	B
SS.GM.T0001948	B
SS.GM.T0002197	B
SS.GM.T0002212	B
SS.GM.T0002216	B
SS.GM.T0002217	D
SS.GM.T0002218	B
SS.GM.T0002224	B
SS.GM.T0002234	B
SS.GM.T0002288	B
SS.GM.T0002290	D
SS.GM.T0002371	B
SS.GM.T0002375	B
SS.GM.T0002399	C
SS.GM.T0002451	B
SS.GM.T0002461	B
SS.GM.T0002489	D
SS.GM.T0002490	B
SS.GM.T0002493	B
SS.GM.T0002520	B
SS.GM.T0002529	D
SS.GM.T0002653	D
SS.GM.T0002656	D
SS.GM.T0002657	B
SS.GM.T0002658	B
SS.GM.T0002659	B
SS.GM.T0002955	B
SS.GM.T0002957	B
SS.GM.T0002964	B
SS.GM.T0003129	B
SS.GM.T0003161	D
SS.GM.T0003185	B
SS.GM.T0003235	B
SS.GM.T0003245	C
SS.GM.T0003282	B

Asset ID	Rating
SS.GM.T0003116	D
SS.GM.T0003117	B
SS.GM.T0003120	B
SS.GM.T0003138	D
SS.GM.T0003298	C
SS.GM.T0003310	B
SS.GM.T0003312	C
SS.GM.T0003313	D
SS.GM.T0003314	D
SS.GM.T0003326	C
SS.GM.T0003327	D
SS.GM.T0003358	D
SS.GM.T0003359	D
SS.GM.T0003368	A
SS.GM.T0003404	B
SS.GM.T0003405	D
SS.GM.T0003406	C
SS.GM.T0003407	C
SS.GM.T0003408	D
SS.GM.T0003409	D
SS.GM.T0003410	D
SS.GM.T0003411	D
SS.GM.T0003412	C
SS.GM.T0003414	B
SS.GM.T0003415	C
SS.GM.T0003420	C
SS.GM.T0003445	C
SS.GM.T0003446	C
SS.GM.T0003448	D
SS.GM.T0003449	D
SS.GM.T0003450	C
SS.GM.T0003451	B
SS.GM.T0003452	B
SS.GM.T0003453	C
SS.GM.T0003534	B
SS.GM.T0003535	C
SS.GM.T0003537	D
SS.GM.T0003551	B
SS.GM.T0003554	D
SS.GM.T0003555	D
SS.GM.T0003556	B
SS.GM.T0003557	D
SS.GM.T0003558	B
SS.GM.T0003559	C
SS.GM.T0003560	C
SS.GM.T0003561	D
SS.GM.T0003562	C

Asset ID	Rating
SS.GM.T0014944	B
SS.GM.T0014946	A
SS.GM.T0014949	D
SS.GM.T0014950	D
SS.GM.T0014951	B
SS.GM.T0014952	C
SS.GM.T0014958	A
SS.GM.T0014959	B
SS.GM.T0014960	B
SS.GM.T0014961	B
SS.GM.T0014963	C
SS.GM.T0014964	C
SS.GM.T0014965	C
SS.GM.T0014966	B
SS.GM.T0014968	D
SS.GM.T0014970	B
SS.GM.T0014972	B
SS.GM.T0014973	C
SS.GM.T0014974	D
SS.GM.T0014975	B
SS.GM.T0015010	C
SS.GM.T0015033	B
SS.GM.T0015034	C
SS.GM.T0015067	A
SS.GM.T0015068	A
SS.GM.T0015069	D
SS.GM.T0015070	B
SS.GM.T0015094	C
SS.GM.T0015096	B
SS.GM.T0015098	D
SS.GM.T0015100	B
SS.GM.T0015101	B
SS.GM.T0015115	B
SS.GM.T0015117	D
SS.GM.T0015118	D
SS.GM.T0015119	B
SS.GM.T0015120	C
SS.GM.T0015121	B
SS.GM.T0015122	B
SS.GM.T0015123	A
SS.GM.T0015124	A
SS.GM.T0015170	C
SS.GM.T0015183	B
SS.GM.T0015184	B
SS.GM.T0015187	B
SS.GM.T0015274	B
SS.GM.T0015277	B

Table I-2: Gravity Sewer Main Ratings, Group 5

Asset ID	Rating
SS.GM.T0003283	C
SS.GM.T0003320	B
SS.GM.T0003383	D
SS.GM.T0003388	C
SS.GM.T0003389	B
SS.GM.T0003518	B
SS.GM.T0003698	C
SS.GM.T0003704	B
SS.GM.T0003705	B
SS.GM.T0007796	C
SS.GM.T0009995	B
SS.GM.T0010265	B
SS.GM.T0010267	D
SS.GM.T0010278	B
SS.GM.T0010472	B
SS.GM.T0012619	B
SS.GM.T0012620	B
SS.GM.T0012804	B
SS.GM.T0013447	B
SS.GM.T0013600	B
SS.GM.T0013601	B
SS.GM.T0014106	D
SS.GM.T0014577	D
SS.GM.T0014616	B
SS.GM.T0014617	B
SS.GM.T0014618	A
SS.GM.T0014619	B
SS.GM.T0014881	B
SS.GM.T0015273	B
SS.GM.T0015276	B
SS.GM.T0015287	B
SS.GM.T0015288	B
SS.GM.T0015342	B
SS.GM.T0000344	C
SS.GM.T0000345	D
SS.GM.T0000346	D
SS.GM.T0000347	C
SS.GM.T0000348	D
SS.GM.T0000349	D
SS.GM.T0000350	B
SS.GM.T0000352	B
SS.GM.T0000353	C
SS.GM.T0000354	C
SS.GM.T0000355	C
SS.GM.T0000356	D
SS.GM.T0000357	D
SS.GM.T0000382	B

Asset ID	Rating
SS.GM.T0003563	D
SS.GM.T0003564	C
SS.GM.T0003565	C
SS.GM.T0003573	B
SS.GM.T0003574	C
SS.GM.T0003575	B
SS.GM.T0003576	C
SS.GM.T0003577	B
SS.GM.T0003578	D
SS.GM.T0003579	B
SS.GM.T0003580	B
SS.GM.T0003581	B
SS.GM.T0003583	D
SS.GM.T0003584	D
SS.GM.T0003585	D
SS.GM.T0003586	B
SS.GM.T0003587	B
SS.GM.T0003588	C
SS.GM.T0003592	D
SS.GM.T0003593	D
SS.GM.T0003594	D
SS.GM.T0003595	B
SS.GM.T0003596	D
SS.GM.T0003597	C
SS.GM.T0003599	C
SS.GM.T0003600	D
SS.GM.T0003604	D
SS.GM.T0003606	B
SS.GM.T0003607	D
SS.GM.T0003608	C
SS.GM.T0003609	B
SS.GM.T0003610	C
SS.GM.T0003611	B
SS.GM.T0003612	B
SS.GM.T0003613	B
SS.GM.T0003614	C
SS.GM.T0003615	C
SS.GM.T0003616	D
SS.GM.T0003618	C
SS.GM.T0003619	B
SS.GM.T0003621	D
SS.GM.T0003622	D
SS.GM.T0003623	B
SS.GM.T0003625	B
SS.GM.T0003626	B
SS.GM.T0003627	B
SS.GM.T0003729	B

Asset ID	Rating
SS.GM.T0015285	B
SS.GM.T0015286	B
SS.GM.T0015296	B
SS.GM.T0015323	D
SS.GM.T0015407	D
SS.GM.T0015418	B
SS.GM.T0015419	A
SS.GM.T0015420	B
SS.GM.T0015422	D
SS.GM.T0015423	C
SS.GM.T0015424	B
SS.GM.T0015428	D
SS.GM.T0015429	B
SS.GM.T0015430	B
SS.GM.T0015462	C
SS.GM.T0015473	B
SS.GM.T0015474	B
SS.GM.T0015475	B
SS.GM.T0015477	B
SS.GM.T0015478	B
SS.GM.T0015479	B
SS.GM.T0015480	B
SS.GM.T0015481	B
SS.GM.T0015482	B
SS.GM.T0015483	B
SS.GM.T0015484	D
SS.GM.T0015486	B
SS.GM.T0015511	B
SS.GM.T0015512	B
SS.GM.T0015514	B
SS.GM.T0015515	B
SS.GM.T0015516	B
SS.GM.T0015517	B
SS.GM.T0015568	B
SS.GM.T0015569	A
SS.GM.T0015570	A
SS.GM.T0015693	D
SS.GM.T0014981	B
SS.GM.T0010622	B
SS.GM.T0000968	C
SS.GM.T0000969	B
SS.GM.T0000972	D
SS.GM.T0000973	D
SS.GM.T0000974	D
SS.GM.T0000975	C
SS.GM.T0000976	D
SS.GM.T0001181	D

Table I-2: Gravity Sewer Main Ratings, Group 5

Asset ID	Rating
SS.GM.T0000383	D
SS.GM.T0000384	D
SS.GM.T0000385	D
SS.GM.T0000386	D
SS.GM.T0000387	D
SS.GM.T0000388	D
SS.GM.T0000389	D
SS.GM.T0000390	D
SS.GM.T0000391	D
SS.GM.T0000392	D
SS.GM.T0000393	D
SS.GM.T0000394	D
SS.GM.T0000395	D
SS.GM.T0000396	C
SS.GM.T0000399	D
SS.GM.T0000400	C
SS.GM.T0000402	D
SS.GM.T0000403	B
SS.GM.T0000404	B
SS.GM.T0000405	B
SS.GM.T0000406	D
SS.GM.T0000407	B
SS.GM.T0000408	C
SS.GM.T0000409	B
SS.GM.T0000410	D
SS.GM.T0000411	C
SS.GM.T0000412	B
SS.GM.T0000413	B
SS.GM.T0000414	C
SS.GM.T0000415	D
SS.GM.T0000416	B
SS.GM.T0000417	C
SS.GM.T0000419	C
SS.GM.T0000420	C
SS.GM.T0000421	B
SS.GM.T0000423	B
SS.GM.T0000424	D
SS.GM.T0000425	D
SS.GM.T0000426	C
SS.GM.T0000427	D
SS.GM.T0000428	C
SS.GM.T0000429	C
SS.GM.T0000430	D
SS.GM.T0000431	C
SS.GM.T0000432	D
SS.GM.T0000433	D
SS.GM.T0000434	C

Asset ID	Rating
SS.GM.T0003730	B
SS.GM.T0003732	B
SS.GM.T0003733	B
SS.GM.T0003734	B
SS.GM.T0003735	B
SS.GM.T0003741	D
SS.GM.T0003749	D
SS.GM.T0003755	D
SS.GM.T0003756	D
SS.GM.T0003763	D
SS.GM.T0003768	B
SS.GM.T0003769	C
SS.GM.T0003770	B
SS.GM.T0003771	D
SS.GM.T0003772	B
SS.GM.T0003818	C
SS.GM.T0003824	D
SS.GM.T0003827	C
SS.GM.T0003829	C
SS.GM.T0003831	C
SS.GM.T0003832	D
SS.GM.T0003946	B
SS.GM.T0003947	B
SS.GM.T0003948	B
SS.GM.T0003949	B
SS.GM.T0003950	B
SS.GM.T0003952	D
SS.GM.T0003953	C
SS.GM.T0003954	C
SS.GM.T0003955	B
SS.GM.T0003956	D
SS.GM.T0003958	B
SS.GM.T0003959	B
SS.GM.T0003970	D
SS.GM.T0003971	B
SS.GM.T0003972	B
SS.GM.T0003973	B
SS.GM.T0003975	B
SS.GM.T0003979	C
SS.GM.T0003980	D
SS.GM.T0003981	D
SS.GM.T0003982	C
SS.GM.T0003983	B
SS.GM.T0003984	D
SS.GM.T0003986	B
SS.GM.T0003987	D
SS.GM.T0003988	D

Asset ID	Rating
SS.GM.T0001182	C
SS.GM.T0001183	D
SS.GM.T0001184	D
SS.GM.T0001185	B
SS.GM.T0001186	D
SS.GM.T0001187	D
SS.GM.T0001189	D
SS.GM.T0001190	C
SS.GM.T0001191	B
SS.GM.T0001192	C
SS.GM.T0001381	B
SS.GM.T0001382	B
SS.GM.T0001383	B
SS.GM.T0001388	B
SS.GM.T0001389	B
SS.GM.T0001390	B
SS.GM.T0001391	D
SS.GM.T0001392	C
SS.GM.T0001508	B
SS.GM.T0001509	D
SS.GM.T0001510	D
SS.GM.T0001513	B
SS.GM.T0001514	D
SS.GM.T0001515	D
SS.GM.T0001516	D
SS.GM.T0001517	D
SS.GM.T0001518	C
SS.GM.T0001523	C
SS.GM.T0001524	C
SS.GM.T0001525	C
SS.GM.T0001526	B
SS.GM.T0001527	B
SS.GM.T0001528	C
SS.GM.T0001531	B
SS.GM.T0001532	B
SS.GM.T0001533	B
SS.GM.T0001534	B
SS.GM.T0001535	B
SS.GM.T0001536	B
SS.GM.T0001537	C
SS.GM.T0001538	B
SS.GM.T0001539	B
SS.GM.T0001544	D
SS.GM.T0001545	B
SS.GM.T0001546	B
SS.GM.T0001547	B
SS.GM.T0001548	B

Table I-2: Gravity Sewer Main Ratings, Group 5

Asset ID	Rating
SS.GM.T0000436	B
SS.GM.T0000437	B
SS.GM.T0000438	B
SS.GM.T0000439	B
SS.GM.T0000440	C
SS.GM.T0000443	B
SS.GM.T0000445	C
SS.GM.T0000446	C
SS.GM.T0000447	D
SS.GM.T0000448	C
SS.GM.T0000449	D
SS.GM.T0000450	D
SS.GM.T0000451	D
SS.GM.T0000452	D
SS.GM.T0000453	B
SS.GM.T0000544	B
SS.GM.T0000545	B
SS.GM.T0000546	D
SS.GM.T0000547	D
SS.GM.T0000550	C
SS.GM.T0000552	D
SS.GM.T0000647	C
SS.GM.T0000648	C
SS.GM.T0000649	D
SS.GM.T0000650	D
SS.GM.T0000651	B
SS.GM.T0000652	B
SS.GM.T0000653	B
SS.GM.T0000654	B
SS.GM.T0000655	C
SS.GM.T0000656	D
SS.GM.T0000657	D
SS.GM.T0000658	C
SS.GM.T0000659	D
SS.GM.T0000660	D
SS.GM.T0000661	C
SS.GM.T0000662	C
SS.GM.T0000663	E
SS.GM.T0000664	B
SS.GM.T0000665	B
SS.GM.T0000666	D
SS.GM.T0000667	D
SS.GM.T0000669	B
SS.GM.T0000670	C
SS.GM.T0000671	B
SS.GM.T0000672	C
SS.GM.T0000673	D

Asset ID	Rating
SS.GM.T0003989	D
SS.GM.T0003990	D
SS.GM.T0003992	B
SS.GM.T0003994	B
SS.GM.T0003995	C
SS.GM.T0003999	C
SS.GM.T0004000	B
SS.GM.T0004001	D
SS.GM.T0004002	D
SS.GM.T0004003	D
SS.GM.T0004004	D
SS.GM.T0004005	B
SS.GM.T0004006	D
SS.GM.T0004007	B
SS.GM.T0004008	B
SS.GM.T0004009	D
SS.GM.T0004010	C
SS.GM.T0004011	C
SS.GM.T0004012	B
SS.GM.T0004013	B
SS.GM.T0004014	B
SS.GM.T0004015	D
SS.GM.T0004016	B
SS.GM.T0004017	B
SS.GM.T0004018	D
SS.GM.T0004022	D
SS.GM.T0004023	B
SS.GM.T0004024	C
SS.GM.T0004025	B
SS.GM.T0004026	B
SS.GM.T0004027	B
SS.GM.T0004028	B
SS.GM.T0004029	D
SS.GM.T0004030	B
SS.GM.T0004031	D
SS.GM.T0004032	B
SS.GM.T0004034	D
SS.GM.T0004035	C
SS.GM.T0004036	D
SS.GM.T0004037	D
SS.GM.T0004041	D
SS.GM.T0006027	B
SS.GM.T0008921	B
SS.GM.T0008922	B
SS.GM.T0009458	C
SS.GM.T0009459	D
SS.GM.T0009460	D

Asset ID	Rating
SS.GM.T0001549	B
SS.GM.T0001550	B
SS.GM.T0001551	B
SS.GM.T0001552	D
SS.GM.T0001553	D
SS.GM.T0001554	B
SS.GM.T0001555	B
SS.GM.T0001556	B
SS.GM.T0001557	B
SS.GM.T0001558	B
SS.GM.T0001559	B
SS.GM.T0001570	B
SS.GM.T0001571	B
SS.GM.T0001703	B
SS.GM.T0001704	D
SS.GM.T0001738	B
SS.GM.T0001739	B
SS.GM.T0001740	B
SS.GM.T0002544	C
SS.GM.T0002545	B
SS.GM.T0002547	B
SS.GM.T0002549	B
SS.GM.T0002550	B
SS.GM.T0002551	B
SS.GM.T0002552	B
SS.GM.T0002553	B
SS.GM.T0002586	D
SS.GM.T0002587	C
SS.GM.T0002588	C
SS.GM.T0002590	B
SS.GM.T0002594	B
SS.GM.T0002600	D
SS.GM.T0002601	B
SS.GM.T0002603	B
SS.GM.T0002606	B
SS.GM.T0002607	B
SS.GM.T0002608	B
SS.GM.T0002610	B
SS.GM.T0002634	B
SS.GM.T0002635	B
SS.GM.T0002636	C
SS.GM.T0002637	B
SS.GM.T0002638	B
SS.GM.T0002686	D
SS.GM.T0002790	C
SS.GM.T0002791	D
SS.GM.T0002792	D

Table I-2: Gravity Sewer Main Ratings, Group 5

Asset ID	Rating
SS.GM.T0000674	B
SS.GM.T0000675	D
SS.GM.T0000676	D
SS.GM.T0000677	B
SS.GM.T0000678	D
SS.GM.T0000679	C
SS.GM.T0000680	B
SS.GM.T0000682	C
SS.GM.T0000683	D
SS.GM.T0000684	D
SS.GM.T0000685	D
SS.GM.T0000687	C
SS.GM.T0000688	D
SS.GM.T0000689	D
SS.GM.T0000690	D
SS.GM.T0000691	D
SS.GM.T0000692	B
SS.GM.T0000693	D
SS.GM.T0000694	D
SS.GM.T0000695	D
SS.GM.T0000696	B
SS.GM.T0000697	D
SS.GM.T0000698	D
SS.GM.T0000699	B
SS.GM.T0000700	C
SS.GM.T0000701	D
SS.GM.T0000702	C
SS.GM.T0000703	C
SS.GM.T0000705	D
SS.GM.T0000706	B
SS.GM.T0000708	B
SS.GM.T0000709	C
SS.GM.T0000710	D
SS.GM.T0000711	D
SS.GM.T0000712	B
SS.GM.T0000715	D
SS.GM.T0000716	B
SS.GM.T0000717	B
SS.GM.T0000718	D
SS.GM.T0000719	C
SS.GM.T0000720	D
SS.GM.T0000721	C
SS.GM.T0000722	C
SS.GM.T0000723	C
SS.GM.T0000724	B
SS.GM.T0000725	B
SS.GM.T0000726	B

Asset ID	Rating
SS.GM.T0009461	D
SS.GM.T0009462	C
SS.GM.T0009463	B
SS.GM.T0009464	D
SS.GM.T0009465	C
SS.GM.T0009466	D
SS.GM.T0009469	D
SS.GM.T0009470	D
SS.GM.T0009471	D
SS.GM.T0009472	D
SS.GM.T0009473	C
SS.GM.T0009474	D
SS.GM.T0009475	B
SS.GM.T0009477	D
SS.GM.T0009478	D
SS.GM.T0009479	C
SS.GM.T0009480	D
SS.GM.T0009483	B
SS.GM.T0009647	A
SS.GM.T0009648	C
SS.GM.T0009649	B
SS.GM.T0009652	D
SS.GM.T0009653	B
SS.GM.T0009654	C
SS.GM.T0009676	D
SS.GM.T0009677	C
SS.GM.T0009678	C
SS.GM.T0009683	C
SS.GM.T0009684	D
SS.GM.T0009688	D
SS.GM.T0009689	B
SS.GM.T0009690	D
SS.GM.T0009695	B
SS.GM.T0009697	B
SS.GM.T0009702	A
SS.GM.T0009703	B
SS.GM.T0009704	D
SS.GM.T0009705	B
SS.GM.T0009767	D
SS.GM.T0009768	D
SS.GM.T0009770	C
SS.GM.T0009771	C
SS.GM.T0009772	C
SS.GM.T0009773	D
SS.GM.T0009774	B
SS.GM.T0009775	D
SS.GM.T0009798	B

Asset ID	Rating
SS.GM.T0002793	B
SS.GM.T0002794	B
SS.GM.T0002813	B
SS.GM.T0002814	B
SS.GM.T0002815	B
SS.GM.T0002817	B
SS.GM.T0002818	D
SS.GM.T0002819	B
SS.GM.T0002820	D
SS.GM.T0002821	D
SS.GM.T0002822	C
SS.GM.T0002823	D
SS.GM.T0002825	C
SS.GM.T0002826	B
SS.GM.T0002827	B
SS.GM.T0002828	B
SS.GM.T0002829	B
SS.GM.T0002831	B
SS.GM.T0002833	D
SS.GM.T0002834	B
SS.GM.T0002835	D
SS.GM.T0002836	C
SS.GM.T0002837	D
SS.GM.T0002840	D
SS.GM.T0002842	D
SS.GM.T0002843	B
SS.GM.T0002844	B
SS.GM.T0002845	B
SS.GM.T0002846	B
SS.GM.T0002847	B
SS.GM.T0002850	B
SS.GM.T0002851	C
SS.GM.T0002852	B
SS.GM.T0002853	D
SS.GM.T0002854	B
SS.GM.T0002855	B
SS.GM.T0002856	B
SS.GM.T0002857	B
SS.GM.T0002860	B
SS.GM.T0002861	B
SS.GM.T0002862	B
SS.GM.T0002863	B
SS.GM.T0002864	B
SS.GM.T0002865	B
SS.GM.T0002866	B
SS.GM.T0002868	D
SS.GM.T0002869	D

Table I-2: Gravity Sewer Main Ratings, Group 5

Asset ID	Rating
SS.GM.T0000727	B
SS.GM.T0000728	B
SS.GM.T0000729	C
SS.GM.T0000730	B
SS.GM.T0000731	D
SS.GM.T0000732	E
SS.GM.T0000733	B
SS.GM.T0000734	C
SS.GM.T0000735	D
SS.GM.T0000736	B
SS.GM.T0000737	B
SS.GM.T0000738	B
SS.GM.T0000739	B
SS.GM.T0000740	C
SS.GM.T0000741	B
SS.GM.T0000742	C
SS.GM.T0000743	C
SS.GM.T0000744	D
SS.GM.T0000745	C
SS.GM.T0000746	D
SS.GM.T0000747	B
SS.GM.T0000748	D
SS.GM.T0000749	C
SS.GM.T0000750	D
SS.GM.T0000751	D
SS.GM.T0000828	B
SS.GM.T0000829	D
SS.GM.T0000830	B
SS.GM.T0000831	B
SS.GM.T0000832	D
SS.GM.T0000834	B
SS.GM.T0000985	B
SS.GM.T0000986	A
SS.GM.T0000987	A
SS.GM.T0000991	B
SS.GM.T0000994	A
SS.GM.T0000999	D
SS.GM.T0001000	D
SS.GM.T0001001	D
SS.GM.T0001002	B
SS.GM.T0001005	B
SS.GM.T0001048	D
SS.GM.T0001049	D
SS.GM.T0001050	D
SS.GM.T0001051	D
SS.GM.T0001052	D
SS.GM.T0001053	B

Asset ID	Rating
SS.GM.T0009800	C
SS.GM.T0009802	B
SS.GM.T0009803	B
SS.GM.T0009805	B
SS.GM.T0009864	B
SS.GM.T0009865	B
SS.GM.T0009866	B
SS.GM.T0009867	B
SS.GM.T0009868	B
SS.GM.T0009869	B
SS.GM.T0009870	B
SS.GM.T0009871	B
SS.GM.T0009872	B
SS.GM.T0009873	B
SS.GM.T0009874	B
SS.GM.T0009875	B
SS.GM.T0009876	B
SS.GM.T0009877	B
SS.GM.T0009878	B
SS.GM.T0009879	B
SS.GM.T0009880	B
SS.GM.T0009945	B
SS.GM.T0009946	B
SS.GM.T0009947	B
SS.GM.T0009954	B
SS.GM.T0009955	C
SS.GM.T0009956	B
SS.GM.T0009957	B
SS.GM.T0009958	B
SS.GM.T0009961	B
SS.GM.T0009963	B
SS.GM.T0009964	B
SS.GM.T0009965	B
SS.GM.T0009966	B
SS.GM.T0009967	B
SS.GM.T0009969	B
SS.GM.T0009970	B
SS.GM.T0009971	B
SS.GM.T0009972	B
SS.GM.T0009973	B
SS.GM.T0010111	B
SS.GM.T0010191	B
SS.GM.T0010192	C
SS.GM.T0010194	B
SS.GM.T0010195	B
SS.GM.T0010200	B
SS.GM.T0010202	B

Asset ID	Rating
SS.GM.T0002870	B
SS.GM.T0002871	B
SS.GM.T0002872	B
SS.GM.T0002873	B
SS.GM.T0002874	B
SS.GM.T0002876	C
SS.GM.T0002877	C
SS.GM.T0002958	B
SS.GM.T0002959	D
SS.GM.T0003119	D
SS.GM.T0003141	D
SS.GM.T0003395	B
SS.GM.T0003396	B
SS.GM.T0003397	C
SS.GM.T0003398	C
SS.GM.T0003399	D
SS.GM.T0003400	C
SS.GM.T0003438	B
SS.GM.T0003439	B
SS.GM.T0003441	B
SS.GM.T0003442	B
SS.GM.T0003443	D
SS.GM.T0003454	B
SS.GM.T0003455	B
SS.GM.T0003456	D
SS.GM.T0003566	D
SS.GM.T0003567	D
SS.GM.T0003569	B
SS.GM.T0003762	C
SS.GM.T0003778	B
SS.GM.T0003779	B
SS.GM.T0003780	B
SS.GM.T0003781	B
SS.GM.T0003782	B
SS.GM.T0003783	B
SS.GM.T0003784	B
SS.GM.T0003785	B
SS.GM.T0003786	C
SS.GM.T0003790	B
SS.GM.T0003791	B
SS.GM.T0003792	B
SS.GM.T0003793	B
SS.GM.T0003794	B
SS.GM.T0003797	B
SS.GM.T0003800	B
SS.GM.T0003801	B
SS.GM.T0003802	B

Table I-2: Gravity Sewer Main Ratings, Group 5

Asset ID	Rating
SS.GM.T0001054	D
SS.GM.T0001055	D
SS.GM.T0001056	D
SS.GM.T0001057	C
SS.GM.T0001058	B
SS.GM.T0001059	B
SS.GM.T0001060	B
SS.GM.T0001061	B
SS.GM.T0001062	B
SS.GM.T0001063	B
SS.GM.T0001064	B
SS.GM.T0001065	B
SS.GM.T0001066	B
SS.GM.T0001068	B
SS.GM.T0001069	B
SS.GM.T0001071	D
SS.GM.T0001152	B
SS.GM.T0001153	D
SS.GM.T0001154	D
SS.GM.T0001155	D
SS.GM.T0001156	B
SS.GM.T0001200	C
SS.GM.T0001201	B
SS.GM.T0001202	C
SS.GM.T0001203	B
SS.GM.T0001204	B
SS.GM.T0001205	D
SS.GM.T0001206	B
SS.GM.T0001207	B
SS.GM.T0001208	B
SS.GM.T0001211	B
SS.GM.T0001212	C
SS.GM.T0001213	B
SS.GM.T0001214	D
SS.GM.T0001215	D
SS.GM.T0001216	D
SS.GM.T0001217	E
SS.GM.T0001219	D
SS.GM.T0001220	D
SS.GM.T0001221	B
SS.GM.T0001222	B
SS.GM.T0001224	B
SS.GM.T0001225	B
SS.GM.T0001226	D
SS.GM.T0001227	D
SS.GM.T0001228	D
SS.GM.T0001229	D

Asset ID	Rating
SS.GM.T0010203	B
SS.GM.T0010204	B
SS.GM.T0010205	B
SS.GM.T0010206	B
SS.GM.T0010207	B
SS.GM.T0010222	B
SS.GM.T0010296	B
SS.GM.T0010297	C
SS.GM.T0010298	B
SS.GM.T0010299	B
SS.GM.T0010300	B
SS.GM.T0010301	B
SS.GM.T0010302	B
SS.GM.T0010303	B
SS.GM.T0010304	B
SS.GM.T0010311	B
SS.GM.T0010312	B
SS.GM.T0010314	B
SS.GM.T0010316	B
SS.GM.T0010317	B
SS.GM.T0010318	B
SS.GM.T0010319	B
SS.GM.T0010320	B
SS.GM.T0010321	B
SS.GM.T0010322	B
SS.GM.T0010323	B
SS.GM.T0010325	B
SS.GM.T0010326	B
SS.GM.T0010327	B
SS.GM.T0010328	B
SS.GM.T0010329	B
SS.GM.T0010330	B
SS.GM.T0010331	B
SS.GM.T0010332	B
SS.GM.T0010333	B
SS.GM.T0010334	B
SS.GM.T0010335	B
SS.GM.T0010336	B
SS.GM.T0010337	B
SS.GM.T0010338	B
SS.GM.T0010339	B
SS.GM.T0010340	C
SS.GM.T0010341	D
SS.GM.T0010342	D
SS.GM.T0010343	B
SS.GM.T0010345	B
SS.GM.T0010354	A

Asset ID	Rating
SS.GM.T0003803	D
SS.GM.T0003804	B
SS.GM.T0003805	B
SS.GM.T0003806	B
SS.GM.T0003807	B
SS.GM.T0003808	B
SS.GM.T0003809	B
SS.GM.T0003810	C
SS.GM.T0003811	B
SS.GM.T0003812	C
SS.GM.T0003813	B
SS.GM.T0003816	D
SS.GM.T0003817	D
SS.GM.T0003969	B
SS.GM.T0004020	D
SS.GM.T0004021	B
SS.GM.T0004033	B
SS.GM.T0004602	B
SS.GM.T0004603	B
SS.GM.T0004604	B
SS.GM.T0004605	D
SS.GM.T0004606	B
SS.GM.T0004607	C
SS.GM.T0004608	B
SS.GM.T0004609	B
SS.GM.T0004611	B
SS.GM.T0004919	B
SS.GM.T0004920	B
SS.GM.T0004921	B
SS.GM.T0004922	D
SS.GM.T0004923	B
SS.GM.T0004924	B
SS.GM.T0004925	D
SS.GM.T0008550	B
SS.GM.T0008551	D
SS.GM.T0008568	B
SS.GM.T0008569	D
SS.GM.T0008607	B
SS.GM.T0008608	D
SS.GM.T0008609	B
SS.GM.T0008610	B
SS.GM.T0008611	B
SS.GM.T0008612	B
SS.GM.T0008613	B
SS.GM.T0008614	B
SS.GM.T0008615	B
SS.GM.T0008616	C

Table I-2: Gravity Sewer Main Ratings, Group 5

Asset ID	Rating
SS.GM.T0001230	B
SS.GM.T0001231	B
SS.GM.T0001232	B
SS.GM.T0001233	B
SS.GM.T0001234	B
SS.GM.T0001235	C
SS.GM.T0001237	C
SS.GM.T0001238	C
SS.GM.T0001239	D
SS.GM.T0001240	D
SS.GM.T0001241	C
SS.GM.T0001242	C
SS.GM.T0001243	C
SS.GM.T0001244	D
SS.GM.T0001245	C
SS.GM.T0001246	D
SS.GM.T0001247	B
SS.GM.T0001248	D
SS.GM.T0001249	D
SS.GM.T0001250	D
SS.GM.T0001251	C
SS.GM.T0001252	C
SS.GM.T0001260	C
SS.GM.T0001261	D
SS.GM.T0001262	A
SS.GM.T0001266	D
SS.GM.T0001280	B
SS.GM.T0001281	D
SS.GM.T0001282	D
SS.GM.T0001284	B
SS.GM.T0001285	B
SS.GM.T0001286	B
SS.GM.T0001287	D
SS.GM.T0001289	D
SS.GM.T0001290	B
SS.GM.T0001292	B
SS.GM.T0001293	C
SS.GM.T0001298	D
SS.GM.T0001322	B
SS.GM.T0001323	D
SS.GM.T0001324	B
SS.GM.T0001325	B
SS.GM.T0001326	D
SS.GM.T0001328	D
SS.GM.T0001329	D
SS.GM.T0001330	D
SS.GM.T0001331	D

Asset ID	Rating
SS.GM.T0010355	A
SS.GM.T0010356	B
SS.GM.T0010358	B
SS.GM.T0010442	D
SS.GM.T0010525	B
SS.GM.T0010526	B
SS.GM.T0010527	A
SS.GM.T0010528	B
SS.GM.T0010529	B
SS.GM.T0010530	B
SS.GM.T0010531	B
SS.GM.T0010532	B
SS.GM.T0010541	A
SS.GM.T0010542	A
SS.GM.T0010543	A
SS.GM.T0010544	B
SS.GM.T0010700	B
SS.GM.T0010712	A
SS.GM.T0010784	B
SS.GM.T0010786	B
SS.GM.T0010787	A
SS.GM.T0010788	B
SS.GM.T0010789	B
SS.GM.T0010809	B
SS.GM.T0010833	B
SS.GM.T0010834	B
SS.GM.T0010835	B
SS.GM.T0010836	B
SS.GM.T0010837	B
SS.GM.T0010838	B
SS.GM.T0010839	D
SS.GM.T0010840	B
SS.GM.T0010841	B
SS.GM.T0010842	B
SS.GM.T0010843	B
SS.GM.T0010844	B
SS.GM.T0010845	B
SS.GM.T0010846	B
SS.GM.T0010847	B
SS.GM.T0010848	B
SS.GM.T0010849	B
SS.GM.T0010850	B
SS.GM.T0010854	B
SS.GM.T0010855	C
SS.GM.T0010856	B
SS.GM.T0010857	B
SS.GM.T0010858	B

Asset ID	Rating
SS.GM.T0008617	B
SS.GM.T0008618	B
SS.GM.T0008620	B
SS.GM.T0008621	B
SS.GM.T0008622	B
SS.GM.T0008623	C
SS.GM.T0008624	C
SS.GM.T0008754	B
SS.GM.T0008755	B
SS.GM.T0008756	B
SS.GM.T0008757	B
SS.GM.T0008765	B
SS.GM.T0008857	B
SS.GM.T0008900	B
SS.GM.T0009563	D
SS.GM.T0009564	B
SS.GM.T0009565	D
SS.GM.T0009566	D
SS.GM.T0009567	C
SS.GM.T0009568	B
SS.GM.T0009572	B
SS.GM.T0009576	B
SS.GM.T0009577	B
SS.GM.T0009578	B
SS.GM.T0009579	B
SS.GM.T0009580	B
SS.GM.T0009581	B
SS.GM.T0009582	B
SS.GM.T0009583	D
SS.GM.T0009584	B
SS.GM.T0009585	B
SS.GM.T0009586	D
SS.GM.T0009587	B
SS.GM.T0009588	D
SS.GM.T0009589	D
SS.GM.T0009590	B
SS.GM.T0009591	B
SS.GM.T0009592	B
SS.GM.T0009593	B
SS.GM.T0009594	B
SS.GM.T0009595	B
SS.GM.T0009596	C
SS.GM.T0009597	B
SS.GM.T0009598	B
SS.GM.T0009599	D
SS.GM.T0009602	B
SS.GM.T0009607	B

Table I-2: Gravity Sewer Main Ratings, Group 5

Asset ID	Rating
SS.GM.T0001332	B
SS.GM.T0001333	D
SS.GM.T0001334	D
SS.GM.T0001335	D
SS.GM.T0001336	D
SS.GM.T0001337	D
SS.GM.T0001338	B
SS.GM.T0001339	D
SS.GM.T0001340	B
SS.GM.T0001341	B
SS.GM.T0001342	B
SS.GM.T0001343	B
SS.GM.T0001344	B
SS.GM.T0001345	B
SS.GM.T0001346	B
SS.GM.T0001347	C
SS.GM.T0001348	D
SS.GM.T0001349	C
SS.GM.T0001350	D
SS.GM.T0001351	D
SS.GM.T0001352	D
SS.GM.T0001353	B
SS.GM.T0001354	B
SS.GM.T0001355	C
SS.GM.T0001356	B
SS.GM.T0001357	B
SS.GM.T0001358	B
SS.GM.T0001359	D
SS.GM.T0001360	C
SS.GM.T0001361	D
SS.GM.T0001362	D
SS.GM.T0001363	C
SS.GM.T0001367	D
SS.GM.T0001369	D
SS.GM.T0001370	B
SS.GM.T0001371	B
SS.GM.T0001372	B
SS.GM.T0001376	C
SS.GM.T0001377	B
SS.GM.T0001378	B
SS.GM.T0001379	C
SS.GM.T0001380	B
SS.GM.T0001412	B
SS.GM.T0001413	D
SS.GM.T0001414	B
SS.GM.T0001415	B
SS.GM.T0001416	C

Asset ID	Rating
SS.GM.T0010859	B
SS.GM.T0010860	B
SS.GM.T0010861	D
SS.GM.T0010862	B
SS.GM.T0010863	B
SS.GM.T0010922	B
SS.GM.T0010923	B
SS.GM.T0010924	B
SS.GM.T0010928	B
SS.GM.T0010929	B
SS.GM.T0010930	C
SS.GM.T0010931	B
SS.GM.T0010975	A
SS.GM.T0010976	A
SS.GM.T0010977	B
SS.GM.T0010978	A
SS.GM.T0010979	A
SS.GM.T0010980	B
SS.GM.T0010981	A
SS.GM.T0010982	A
SS.GM.T0011002	B
SS.GM.T0011003	B
SS.GM.T0011006	C
SS.GM.T0011007	B
SS.GM.T0011008	B
SS.GM.T0011009	B
SS.GM.T0011013	B
SS.GM.T0011015	A
SS.GM.T0011016	A
SS.GM.T0011017	A
SS.GM.T0011018	A
SS.GM.T0011019	A
SS.GM.T0011020	A
SS.GM.T0011021	A
SS.GM.T0011022	A
SS.GM.T0011024	B
SS.GM.T0011025	B
SS.GM.T0011026	B
SS.GM.T0011027	B
SS.GM.T0011028	B
SS.GM.T0011029	B
SS.GM.T0011405	B
SS.GM.T0011406	B
SS.GM.T0011408	B
SS.GM.T0011409	B
SS.GM.T0011431	D
SS.GM.T0011530	D

Asset ID	Rating
SS.GM.T0009608	B
SS.GM.T0009609	B
SS.GM.T0009610	B
SS.GM.T0009611	B
SS.GM.T0009612	B
SS.GM.T0009613	B
SS.GM.T0009614	B
SS.GM.T0009615	B
SS.GM.T0009616	B
SS.GM.T0009617	B
SS.GM.T0009618	B
SS.GM.T0009619	B
SS.GM.T0009620	B
SS.GM.T0009621	B
SS.GM.T0009622	B
SS.GM.T0009623	B
SS.GM.T0009624	D
SS.GM.T0009625	B
SS.GM.T0009626	B
SS.GM.T0009627	C
SS.GM.T0009628	B
SS.GM.T0009629	B
SS.GM.T0009630	B
SS.GM.T0009631	C
SS.GM.T0009633	B
SS.GM.T0009634	B
SS.GM.T0009635	B
SS.GM.T0009636	B
SS.GM.T0009637	B
SS.GM.T0009639	B
SS.GM.T0009640	B
SS.GM.T0009641	B
SS.GM.T0009642	B
SS.GM.T0009643	B
SS.GM.T0009644	B
SS.GM.T0009645	B
SS.GM.T0009646	B
SS.GM.T0009656	B
SS.GM.T0009657	B
SS.GM.T0009658	B
SS.GM.T0009659	B
SS.GM.T0009660	B
SS.GM.T0009661	B
SS.GM.T0009662	B
SS.GM.T0009663	B
SS.GM.T0009664	B
SS.GM.T0009665	C

Table I-2: Gravity Sewer Main Ratings, Group 5

Asset ID	Rating
SS.GM.T0001417	B
SS.GM.T0001418	B
SS.GM.T0001422	C
SS.GM.T0001423	B
SS.GM.T0001424	D
SS.GM.T0001425	D
SS.GM.T0001458	D
SS.GM.T0001462	B
SS.GM.T0001463	B
SS.GM.T0001464	C
SS.GM.T0001465	C
SS.GM.T0001466	B
SS.GM.T0001467	B
SS.GM.T0001468	B
SS.GM.T0001469	B
SS.GM.T0001470	D
SS.GM.T0001471	B
SS.GM.T0001472	D
SS.GM.T0001473	C
SS.GM.T0001474	B
SS.GM.T0001475	D
SS.GM.T0001476	B
SS.GM.T0001499	D
SS.GM.T0001572	D
SS.GM.T0001573	C
SS.GM.T0001574	B
SS.GM.T0001575	D
SS.GM.T0001576	D
SS.GM.T0001577	C
SS.GM.T0001650	D
SS.GM.T0001651	C
SS.GM.T0001652	C
SS.GM.T0001653	C
SS.GM.T0001654	B
SS.GM.T0001655	D
SS.GM.T0001657	C
SS.GM.T0001659	B
SS.GM.T0001660	D
SS.GM.T0001661	B
SS.GM.T0001662	B
SS.GM.T0001663	B
SS.GM.T0001664	C
SS.GM.T0001665	B
SS.GM.T0001666	B
SS.GM.T0001667	B
SS.GM.T0001668	C
SS.GM.T0001669	D

Asset ID	Rating
SS.GM.T0011531	B
SS.GM.T0011532	B
SS.GM.T0011533	B
SS.GM.T0011536	B
SS.GM.T0011537	B
SS.GM.T0011538	A
SS.GM.T0011539	B
SS.GM.T0011540	B
SS.GM.T0011541	B
SS.GM.T0011542	B
SS.GM.T0011543	B
SS.GM.T0011544	B
SS.GM.T0011545	B
SS.GM.T0011546	B
SS.GM.T0011547	B
SS.GM.T0011548	B
SS.GM.T0011549	B
SS.GM.T0011550	B
SS.GM.T0011551	B
SS.GM.T0011552	B
SS.GM.T0011553	B
SS.GM.T0011554	B
SS.GM.T0011555	B
SS.GM.T0011556	B
SS.GM.T0011557	B
SS.GM.T0011558	B
SS.GM.T0011559	B
SS.GM.T0011560	B
SS.GM.T0011561	B
SS.GM.T0011562	B
SS.GM.T0011563	B
SS.GM.T0011564	B
SS.GM.T0011565	B
SS.GM.T0011566	B
SS.GM.T0011567	B
SS.GM.T0011568	B
SS.GM.T0011569	B
SS.GM.T0011629	B
SS.GM.T0011630	B
SS.GM.T0011631	B
SS.GM.T0011683	B
SS.GM.T0011684	B
SS.GM.T0011686	B
SS.GM.T0011687	B
SS.GM.T0011688	B
SS.GM.T0011689	B
SS.GM.T0011690	B

Asset ID	Rating
SS.GM.T0009666	B
SS.GM.T0009667	B
SS.GM.T0009669	B
SS.GM.T0009670	D
SS.GM.T0009671	B
SS.GM.T0009672	B
SS.GM.T0009673	B
SS.GM.T0009674	B
SS.GM.T0009675	B
SS.GM.T0009783	D
SS.GM.T0009784	D
SS.GM.T0009785	C
SS.GM.T0009786	B
SS.GM.T0009787	D
SS.GM.T0009789	B
SS.GM.T0009790	B
SS.GM.T0009791	B
SS.GM.T0009792	B
SS.GM.T0009793	B
SS.GM.T0009799	B
SS.GM.T0010239	B
SS.GM.T0010240	D
SS.GM.T0010241	B
SS.GM.T0010242	B
SS.GM.T0010243	B
SS.GM.T0010244	B
SS.GM.T0010245	B
SS.GM.T0010246	B
SS.GM.T0010247	B
SS.GM.T0010248	B
SS.GM.T0010249	B
SS.GM.T0010250	B
SS.GM.T0010251	B
SS.GM.T0010252	C
SS.GM.T0010253	B
SS.GM.T0010254	B
SS.GM.T0010255	B
SS.GM.T0010256	B
SS.GM.T0010257	D
SS.GM.T0010258	B
SS.GM.T0010259	B
SS.GM.T0010261	D
SS.GM.T0010262	B
SS.GM.T0010263	B
SS.GM.T0010264	B
SS.GM.T0010431	B
SS.GM.T0010432	B

Table I-2: Gravity Sewer Main Ratings, Group 5

Asset ID	Rating
SS.GM.T0001670	B
SS.GM.T0001671	D
SS.GM.T0001672	C
SS.GM.T0001673	C
SS.GM.T0001674	C
SS.GM.T0001675	C
SS.GM.T0001676	D
SS.GM.T0001677	B
SS.GM.T0001678	B
SS.GM.T0001679	B
SS.GM.T0001680	D
SS.GM.T0001681	D
SS.GM.T0001682	B
SS.GM.T0001683	B
SS.GM.T0001684	D
SS.GM.T0001685	B
SS.GM.T0001686	B
SS.GM.T0001687	B
SS.GM.T0001688	D
SS.GM.T0001689	D
SS.GM.T0001690	B
SS.GM.T0001691	D
SS.GM.T0001692	C
SS.GM.T0001693	B
SS.GM.T0001694	D
SS.GM.T0001695	D
SS.GM.T0001696	B
SS.GM.T0001697	B
SS.GM.T0001701	D
SS.GM.T0001702	C
SS.GM.T0001714	B
SS.GM.T0001717	D
SS.GM.T0001727	B
SS.GM.T0001728	B
SS.GM.T0001729	B
SS.GM.T0001730	B
SS.GM.T0001735	D
SS.GM.T0001746	B
SS.GM.T0001750	D
SS.GM.T0001751	C
SS.GM.T0001752	C
SS.GM.T0001753	C
SS.GM.T0001754	B
SS.GM.T0001755	C
SS.GM.T0001756	D
SS.GM.T0001757	D
SS.GM.T0001758	D

Asset ID	Rating
SS.GM.T0011691	C
SS.GM.T0011692	B
SS.GM.T0011693	B
SS.GM.T0011694	B
SS.GM.T0011695	D
SS.GM.T0011696	B
SS.GM.T0011697	B
SS.GM.T0011698	B
SS.GM.T0011699	B
SS.GM.T0011700	B
SS.GM.T0011701	B
SS.GM.T0011702	B
SS.GM.T0011703	B
SS.GM.T0011704	B
SS.GM.T0011705	B
SS.GM.T0011706	B
SS.GM.T0011707	C
SS.GM.T0011708	B
SS.GM.T0011709	B
SS.GM.T0011710	B
SS.GM.T0011711	B
SS.GM.T0011712	B
SS.GM.T0011713	B
SS.GM.T0011714	B
SS.GM.T0011715	B
SS.GM.T0011716	B
SS.GM.T0011717	B
SS.GM.T0011718	B
SS.GM.T0011719	B
SS.GM.T0011720	B
SS.GM.T0011721	B
SS.GM.T0011722	C
SS.GM.T0011723	B
SS.GM.T0011724	B
SS.GM.T0011725	B
SS.GM.T0011974	B
SS.GM.T0011975	B
SS.GM.T0011976	B
SS.GM.T0011977	B
SS.GM.T0011978	B
SS.GM.T0011979	C
SS.GM.T0012058	D
SS.GM.T0012757	B
SS.GM.T0012758	B
SS.GM.T0012759	B
SS.GM.T0012760	B
SS.GM.T0012761	B

Asset ID	Rating
SS.GM.T0010433	B
SS.GM.T0010434	B
SS.GM.T0010435	B
SS.GM.T0010436	B
SS.GM.T0010437	B
SS.GM.T0010439	B
SS.GM.T0010440	B
SS.GM.T0010441	B
SS.GM.T0010443	B
SS.GM.T0010444	B
SS.GM.T0010445	B
SS.GM.T0010446	B
SS.GM.T0010701	B
SS.GM.T0010702	B
SS.GM.T0010703	B
SS.GM.T0010791	B
SS.GM.T0011030	B
SS.GM.T0011031	B
SS.GM.T0011032	B
SS.GM.T0011033	B
SS.GM.T0011034	B
SS.GM.T0011035	B
SS.GM.T0011036	D
SS.GM.T0011037	B
SS.GM.T0011038	B
SS.GM.T0011039	D
SS.GM.T0011400	B
SS.GM.T0011401	B
SS.GM.T0011402	B
SS.GM.T0011403	B
SS.GM.T0011404	B
SS.GM.T0011527	B
SS.GM.T0012040	D
SS.GM.T0012050	B
SS.GM.T0012051	B
SS.GM.T0012052	B
SS.GM.T0012053	B
SS.GM.T0012054	B
SS.GM.T0012055	B
SS.GM.T0012056	B
SS.GM.T0012057	B
SS.GM.T0012062	B
SS.GM.T0012081	B
SS.GM.T0012095	B
SS.GM.T0012098	B
SS.GM.T0012099	B
SS.GM.T0012100	B

Table I-2: Gravity Sewer Main Ratings, Group 5

Asset ID	Rating
SS.GM.T0001759	D
SS.GM.T0001760	D
SS.GM.T0001761	C
SS.GM.T0001762	D
SS.GM.T0001763	B
SS.GM.T0001764	B
SS.GM.T0001765	C
SS.GM.T0001770	B
SS.GM.T0001771	C
SS.GM.T0001773	B
SS.GM.T0001774	D
SS.GM.T0001775	B
SS.GM.T0001776	B
SS.GM.T0001777	B
SS.GM.T0001778	B
SS.GM.T0001779	B
SS.GM.T0001780	B
SS.GM.T0001781	C
SS.GM.T0001782	B
SS.GM.T0001788	D
SS.GM.T0002004	B
SS.GM.T0002006	B
SS.GM.T0002008	B
SS.GM.T0002024	B
SS.GM.T0002025	D
SS.GM.T0002026	D
SS.GM.T0002033	D
SS.GM.T0002035	C
SS.GM.T0002048	D
SS.GM.T0002243	B
SS.GM.T0002244	B
SS.GM.T0002247	C
SS.GM.T0002249	B
SS.GM.T0002253	D
SS.GM.T0002419	D
SS.GM.T0002420	D
SS.GM.T0002436	B
SS.GM.T0002437	D
SS.GM.T0002487	D
SS.GM.T0002488	D
SS.GM.T0002498	B
SS.GM.T0002543	D
SS.GM.T0002554	B
SS.GM.T0002556	D
SS.GM.T0002557	D
SS.GM.T0002558	D
SS.GM.T0002559	B

Asset ID	Rating
SS.GM.T0012762	B
SS.GM.T0012763	B
SS.GM.T0012764	B
SS.GM.T0012765	B
SS.GM.T0012766	B
SS.GM.T0012767	B
SS.GM.T0012769	B
SS.GM.T0012770	B
SS.GM.T0012771	B
SS.GM.T0012772	D
SS.GM.T0012828	B
SS.GM.T0012829	D
SS.GM.T0012832	B
SS.GM.T0012834	B
SS.GM.T0012835	B
SS.GM.T0012836	B
SS.GM.T0012837	B
SS.GM.T0012843	B
SS.GM.T0012844	B
SS.GM.T0012845	B
SS.GM.T0012846	B
SS.GM.T0012847	B
SS.GM.T0012848	B
SS.GM.T0012849	B
SS.GM.T0012850	B
SS.GM.T0012851	B
SS.GM.T0012852	B
SS.GM.T0012863	B
SS.GM.T0012866	B
SS.GM.T0012867	B
SS.GM.T0012877	B
SS.GM.T0012878	B
SS.GM.T0012879	D
SS.GM.T0012880	D
SS.GM.T0012899	B
SS.GM.T0012900	C
SS.GM.T0012902	D
SS.GM.T0012932	B
SS.GM.T0012943	B
SS.GM.T0012944	B
SS.GM.T0012945	B
SS.GM.T0012972	B
SS.GM.T0012995	D
SS.GM.T0013161	B
SS.GM.T0013176	B
SS.GM.T0013177	B
SS.GM.T0013232	B

Asset ID	Rating
SS.GM.T0012102	B
SS.GM.T0012103	B
SS.GM.T0012104	B
SS.GM.T0012105	B
SS.GM.T0012106	B
SS.GM.T0012107	B
SS.GM.T0012108	B
SS.GM.T0012110	C
SS.GM.T0012111	C
SS.GM.T0012113	B
SS.GM.T0012114	B
SS.GM.T0012115	B
SS.GM.T0012116	C
SS.GM.T0012117	B
SS.GM.T0012118	B
SS.GM.T0012119	B
SS.GM.T0012120	B
SS.GM.T0012121	B
SS.GM.T0012122	B
SS.GM.T0012123	B
SS.GM.T0012124	B
SS.GM.T0012125	B
SS.GM.T0012126	B
SS.GM.T0012127	B
SS.GM.T0012129	C
SS.GM.T0012130	B
SS.GM.T0012131	B
SS.GM.T0012132	B
SS.GM.T0012133	B
SS.GM.T0012135	B
SS.GM.T0012136	B
SS.GM.T0012410	B
SS.GM.T0012634	B
SS.GM.T0012635	C
SS.GM.T0012636	B
SS.GM.T0012637	B
SS.GM.T0012638	B
SS.GM.T0012639	C
SS.GM.T0012640	B
SS.GM.T0012641	B
SS.GM.T0012642	B
SS.GM.T0012643	B
SS.GM.T0012644	B
SS.GM.T0012645	B
SS.GM.T0012646	B
SS.GM.T0012647	B
SS.GM.T0012648	C

Table I-2: Gravity Sewer Main Ratings, Group 5

Asset ID	Rating
SS.GM.T0002560	D
SS.GM.T0002561	C
SS.GM.T0002562	D
SS.GM.T0002563	C
SS.GM.T0002564	D
SS.GM.T0002565	D
SS.GM.T0002566	D
SS.GM.T0002567	D
SS.GM.T0002570	D
SS.GM.T0002617	B
SS.GM.T0002618	C
SS.GM.T0002619	C
SS.GM.T0002620	B
SS.GM.T0002621	D
SS.GM.T0002622	D
SS.GM.T0002623	D
SS.GM.T0002624	C
SS.GM.T0002625	D
SS.GM.T0002626	B
SS.GM.T0002627	B
SS.GM.T0002628	D
SS.GM.T0002629	B
SS.GM.T0002630	C
SS.GM.T0002631	B
SS.GM.T0002632	D
SS.GM.T0002633	D
SS.GM.T0002642	C
SS.GM.T0002675	B
SS.GM.T0002676	B
SS.GM.T0002677	B
SS.GM.T0002678	C
SS.GM.T0002680	B
SS.GM.T0002681	B
SS.GM.T0002682	D
SS.GM.T0002683	D
SS.GM.T0002684	E
SS.GM.T0002685	C
SS.GM.T0002687	D
SS.GM.T0002688	D
SS.GM.T0002689	B
SS.GM.T0002690	B
SS.GM.T0002691	B
SS.GM.T0002693	B
SS.GM.T0002695	C
SS.GM.T0002696	C
SS.GM.T0002697	D
SS.GM.T0002698	D

Asset ID	Rating
SS.GM.T0013233	B
SS.GM.T0013234	B
SS.GM.T0013235	B
SS.GM.T0013236	B
SS.GM.T0013237	B
SS.GM.T0013238	B
SS.GM.T0013239	B
SS.GM.T0013240	B
SS.GM.T0013241	B
SS.GM.T0013242	B
SS.GM.T0013243	B
SS.GM.T0013244	B
SS.GM.T0013273	D
SS.GM.T0013276	B
SS.GM.T0013277	B
SS.GM.T0013293	B
SS.GM.T0013367	D
SS.GM.T0013370	B
SS.GM.T0013372	B
SS.GM.T0013373	D
SS.GM.T0013375	B
SS.GM.T0013376	B
SS.GM.T0013377	D
SS.GM.T0013378	C
SS.GM.T0013379	C
SS.GM.T0013380	C
SS.GM.T0013382	B
SS.GM.T0013385	B
SS.GM.T0013386	B
SS.GM.T0013387	B
SS.GM.T0013388	B
SS.GM.T0013389	B
SS.GM.T0013390	B
SS.GM.T0013391	A
SS.GM.T0013392	A
SS.GM.T0013393	A
SS.GM.T0013394	A
SS.GM.T0013395	A
SS.GM.T0013396	D
SS.GM.T0013397	B
SS.GM.T0013398	A
SS.GM.T0013420	D
SS.GM.T0013421	C
SS.GM.T0013427	D
SS.GM.T0013452	B
SS.GM.T0013455	D
SS.GM.T0013456	B

Asset ID	Rating
SS.GM.T0012649	B
SS.GM.T0012650	B
SS.GM.T0012651	B
SS.GM.T0012652	B
SS.GM.T0012653	B
SS.GM.T0012654	B
SS.GM.T0012904	B
SS.GM.T0012967	B
SS.GM.T0012973	C
SS.GM.T0012985	B
SS.GM.T0012999	B
SS.GM.T0013150	B
SS.GM.T0013197	B
SS.GM.T0013384	B
SS.GM.T0013700	B
SS.GM.T0013701	B
SS.GM.T0013702	A
SS.GM.T0013703	A
SS.GM.T0013704	A
SS.GM.T0013705	A
SS.GM.T0013706	A
SS.GM.T0013707	A
SS.GM.T0013708	A
SS.GM.T0013748	A
SS.GM.T0013750	A
SS.GM.T0013752	A
SS.GM.T0013753	A
SS.GM.T0013754	A
SS.GM.T0013755	A
SS.GM.T0013756	A
SS.GM.T0013757	A
SS.GM.T0013825	A
SS.GM.T0013960	B
SS.GM.T0014012	B
SS.GM.T0014154	A
SS.GM.T0014155	A
SS.GM.T0014156	A
SS.GM.T0014157	A
SS.GM.T0014572	B
SS.GM.T0014581	B
SS.GM.T0014603	B
SS.GM.T0014703	A
SS.GM.T0014704	A
SS.GM.T0014705	A
SS.GM.T0014706	A
SS.GM.T0014707	A
SS.GM.T0014708	A

Table I-2: Gravity Sewer Main Ratings, Group 5

Asset ID	Rating
SS.GM.T0002699	D
SS.GM.T0002700	B
SS.GM.T0002701	B
SS.GM.T0002702	D
SS.GM.T0002703	D
SS.GM.T0002704	C
SS.GM.T0002710	D
SS.GM.T0002711	B
SS.GM.T0002713	B
SS.GM.T0002714	B
SS.GM.T0002715	B
SS.GM.T0002716	B
SS.GM.T0002717	B
SS.GM.T0002718	C
SS.GM.T0002719	D
SS.GM.T0002720	B
SS.GM.T0002721	B
SS.GM.T0002722	B
SS.GM.T0002723	B
SS.GM.T0002724	B
SS.GM.T0002725	B
SS.GM.T0002726	B
SS.GM.T0002727	B
SS.GM.T0002728	C
SS.GM.T0002729	B
SS.GM.T0002730	B
SS.GM.T0002731	C
SS.GM.T0002733	C
SS.GM.T0002734	B

Asset ID	Rating
SS.GM.T0013457	D
SS.GM.T0013458	D
SS.GM.T0013459	B
SS.GM.T0013460	B
SS.GM.T0013461	D
SS.GM.T0013463	B
SS.GM.T0013464	B
SS.GM.T0013465	B
SS.GM.T0013466	B
SS.GM.T0013467	B
SS.GM.T0013498	A
SS.GM.T0013499	B
SS.GM.T0013511	A
SS.GM.T0013514	B
SS.GM.T0013525	B
SS.GM.T0013526	B
SS.GM.T0013527	B
SS.GM.T0013529	B
SS.GM.T0013530	B
SS.GM.T0013531	B
SS.GM.T0013537	C
SS.GM.T0013585	B
SS.GM.T0013590	C
SS.GM.T0013613	B
SS.GM.T0013615	B
SS.GM.T0013616	B
SS.GM.T0013617	B
SS.GM.T0013618	B
SS.GM.T0013619	B

Asset ID	Rating
SS.GM.T0014709	A
SS.GM.T0014710	A
SS.GM.T0014711	A
SS.GM.T0014712	A
SS.GM.T0014713	A
SS.GM.T0014714	A
SS.GM.T0014715	A
SS.GM.T0015114	D
SS.GM.T0015116	A
SS.GM.T0015125	B
SS.GM.T0015126	B
SS.GM.T0015130	B
SS.GM.T0015131	D
SS.GM.T0015133	D
SS.GM.T0015134	B
SS.GM.T0015135	B
SS.GM.T0015144	B
SS.GM.T0015155	A
SS.GM.T0015156	A
SS.GM.T0015159	A
SS.GM.T0015160	A
SS.GM.T0015532	B
SS.GM.T0015546	C
SS.GM.T0015548	B
SS.GM.T0015555	B
SS.GM.T0015559	B
SS.GM.T0015560	B
SS.GM.T0015592	B
SS.GM.T0015593	D

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0000224	C	1	13161 COUNTY RD 461
SS.MH.T0015642	C	1	13161 COUNTY RD 461
SS.MH.T0015643	X	1	13161 COUNTY RD 461
SS.MH.T0015644	C	1	13161 COUNTY 461
SS.MH.T0000256	B	2	2700 W. NW LP 323
SS.MH.T0000257	C	2	2700 W. NW LP 323
SS.MH.T0000258	C	2	2616 W. NW LP 323
SS.MH.T0001019	C	2	2800 BLK VAN HWY
SS.MH.T0001049	B	2	180 CHARLOTTE DR
SS.MH.T0002346	X	2	3450 CORPORATE DR
SS.MH.T0002349	X	2	3611 MINEOLA HWY (69)
SS.MH.T0002370	D	2	2524 CECIL AVE
SS.MH.T0002384	C	2	NONE COUNTY RD
SS.MH.T0002385	X	2	NONE COUNTY RD
SS.MH.T0002738	C	2	1600 BLK W. MLK JR BLVD
SS.MH.T0002739	D	2	1800 N. GLENWOOD BLVD
SS.MH.T0002740	D	2	1803 N. HILL AVE
SS.MH.T0002741	D	2	1530 W. NUTBUSH ST
SS.MH.T0002742	C	2	1724 N. GASTON AVE
SS.MH.T0002743	C	2	1726 N. ENGLEWOOD AVE
SS.MH.T0002744	D	2	1221 W. NUTBUSH ST
SS.MH.T0002745	X	2	1615 N. GLENWOOD BLVD
SS.MH.T0002746	X	2	1800 N GREENWOOD BLVD
SS.MH.T0002747	C	2	1601 N. GLENWOOD BLVD
SS.MH.T0002748	C	2	1533 N. GLENWOOD BLVD
SS.MH.T0002749	D	2	1533 N. HILL AVE
SS.MH.T0002750	C	2	2322 CECIL AV
SS.MH.T0002751	C	2	2323 BRECKENRIDGE ST
SS.MH.T0002752	C	2	2433 BRECKENRIDGE ST
SS.MH.T0002753	D	2	2524 CECIL AVE
SS.MH.T0002754	D	2	2524 CECIL AVE
SS.MH.T0002755	B	2	1708 NORTHRIDGE DR
SS.MH.T0002756	X	2	1624 MANOR WAY ST
SS.MH.T0002757	C	2	1527 MANOR WAY ST
SS.MH.T0002758	C	2	2420 N. FENTON AVE
SS.MH.T0002759	C	2	1601 NORTHRIDGE DR
SS.MH.T0002760	C	2	1509 NORTHRIDGE DR
SS.MH.T0002761	C	2	2608 CECIL AVE
SS.MH.T0002762	C	2	1503 W 29TH ST
SS.MH.T0002763	X	2	2401 N ENGLEWOOD ST
SS.MH.T0002764	C	2	2415 N ENGLEWOOD AVE
SS.MH.T0002765	C	2	2509 N ENGLEWOOD AVE
SS.MH.T0002766	C	2	2327 N ENGLEWOOD AVE

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0002767	C	2	2821 STANLEY DR
SS.MH.T0002768	C	2	2824 CECIL AVE
SS.MH.T0002769	C	2	2821 COMMONWEALTH DR
SS.MH.T0002772	C	2	2801 STANLEY DR
SS.MH.T0002773	D	2	2801 COMMONWEALTH DR
SS.MH.T0002778	B	2	306 JORDAN ST
SS.MH.T0002914	C	2	1704 W. 24TH ST
SS.MH.T0002915	C	2	1629 W. MIMMS ST
SS.MH.T0002916	B	2	1629 W. MIMS ST
SS.MH.T0002917	C	2	2201 N. HILL ST
SS.MH.T0002918	C	2	1614 W. BARRETT ST
SS.MH.T0002919	C	2	1400 BLK W. BARRETT ST
SS.MH.T0002920	D	2	1621 W. MLK JR BLVD
SS.MH.T0002921	C	2	2029 W. BARRETT ST
SS.MH.T0002922	C	2	1221 KENNEDY RD
SS.MH.T0002923	C	2	2223 N. ENGLEWOOD AVE
SS.MH.T0002924	C	2	1420 W. MIMS ST
SS.MH.T0002925	C	2	2228 CECIL AVE
SS.MH.T0002926	X	2	2003 W. MLK JR BLVD
SS.MH.T0002927	X	2	2203 W. MLK JR. BLVD
SS.MH.T0002928	C	2	2203 W. MLK JR. BLVD
SS.MH.T0002929	C	2	2210 N. WOLFORD AVE
SS.MH.T0002930	D	2	2801 N. WOLFORD AVE
SS.MH.T0002931	C	2	1824 W MARTIN LUTHER KING JR BLVD
SS.MH.T0002932	D	2	1824 W. MLK JR. BLVD
SS.MH.T0002933	D	2	2203 W. MLK JR. BLVD
SS.MH.T0002936	C	2	1813 N. PARKDALE DR
SS.MH.T0002982	D	2	2500 N CONFEDERATE AVE
SS.MH.T0002983	X	2	24000 N. CONFEDERATE AVE
SS.MH.T0002984	C	2	2400 N CONFEDERATE AVE
SS.MH.T0003004	B	2	1703 N. CONFEDERATE AVE
SS.MH.T0003128	C	2	1803 N. HILL AVE
SS.MH.T0007504	C	2	2203 W. MLK JR. BLVD
SS.MH.T0008232	C	2	2925 CLUB LAKE DR
SS.MH.T0008233	B	2	2931 CLUB LAKE DR
SS.MH.T0008234	C	2	319 CLUB LAKE DR
SS.MH.T0008235	C	2	3105 CLUB LAKE DR
SS.MH.T0008236	C	2	3119 CLUB LAKE DR
SS.MH.T0008237	D	2	3137 CLUB LAKE DR
SS.MH.T0008238	C	2	3040 LAKEWOOD DR
SS.MH.T0008239	C	2	3034 FAIRLAWN DR
SS.MH.T0008240	B	2	3026 PINE HAVEN DR
SS.MH.T0008241	B	2	3238 PINE HAVEN RD

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0008242	C	2	3221 PINE HAVEN RD
SS.MH.T0008243	C	2	3106 BERRYHILL DR
SS.MH.T0008244	C	2	3218 BERRYHILL DR
SS.MH.T0008245	B	2	3238 BERRYHILL DR
SS.MH.T0008246	B	2	3240 BENBROOK DR
SS.MH.T0008247	C	2	3200 BENBROOK DR
SS.MH.T0008248	C	2	3036 BENBROOK DR
SS.MH.T0008249	C	2	3324 BENBROOK DR
SS.MH.T0008250	D	2	3400 BLK BENBROOK DR
SS.MH.T0008251	D	2	2928 ORR DR
SS.MH.T0008252	D	2	2932 ORR DR
SS.MH.T0008253	D	2	3000 ORR DR
SS.MH.T0008254	C	2	3006 ORR DR
SS.MH.T0008255	C	2	3360 PINE HAVEN RD
SS.MH.T0008256	C	2	3350 PINE HAVEN RD
SS.MH.T0008257	B	2	3201 W. NW LP 33
SS.MH.T0008292	D	2	3504 PINE HAVEN RD
SS.MH.T0008293	D	2	3504 PINE HAVEN RD
SS.MH.T0008595	C	2	3762 CR 427
SS.MH.T0008596	D	2	3812 CR 427
SS.MH.T0008933	B	2	3350 PINE HAVEN RD
SS.MH.T0008981	X	2	2505 W. NW LP 323
SS.MH.T0008982	C	2	3357 POINTE N DR
SS.MH.T0008983	D	2	3357 POINTE N DR
SS.MH.T0008984	D	2	3450 CORPORATE DR
SS.MH.T0008991	D	2	3141 LAKE CLUB DR
SS.MH.T0008992	B	2	3141 LAKE CLUB DR
SS.MH.T0008993	D	2	3728 MINEOLA HWY (69)
SS.MH.T0008994	B	2	6205 MINEOLA HWY (69)
SS.MH.T0008995	C	2	6263 MINEOLA HWY (69)
SS.MH.T0008997	C	2	3300 MINEOLA HWY (69)
SS.MH.T0008998	B	2	3141 LAKE CLUB DR
SS.MH.T0008999	C	2	3141 LAKE CLUB DR
SS.MH.T0009000	C	2	3141 CLUB LAKE DR
SS.MH.T0009001	D	2	3141 LAKE CLUB DR
SS.MH.T0009002	C	2	3141 LAKE CLUB DR
SS.MH.T0009003	X	2	NONE MINEOLA HWY (69)
SS.MH.T0009004	X	2	3720 MINEOLA HWY (69)
SS.MH.T0009005	B	2	3364 MINEOLA HWY (69)
SS.MH.T0009006	X	2	3300 W. NW LP 323
SS.MH.T0009007	B	2	2739 W. NW LP 323
SS.MH.T0009008	D	2	3364 MINEOLA HWY (69)
SS.MH.T0009009	D	2	3364 MINEOLA HWY (69)

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0009010	D	2	3611 MINEOLA HWY (69)
SS.MH.T0009150	B	2	3035 ORR DR
SS.MH.T0009151	B	2	3035 HORSESHOE TRL
SS.MH.T0009152	X	2	3201 W. NW LP 323
SS.MH.T0009153	C	2	3220 W. NW LP 323
SS.MH.T0009154	X	2	3100 W. NW LP 323
SS.MH.T0009155	B	2	3000 W. NW LP 323
SS.MH.T0009167	B	2	3201 W. GENTRY PKWY
SS.MH.T0009174	C	2	2209 N. ENGLEWOOD AVE
SS.MH.T0009175	B	2	1408 E. 24TH ST
SS.MH.T0009176	B	2	2311 N. GASTON AVE
SS.MH.T0009177	B	2	2317 N GASTON AVE
SS.MH.T0009178	B	2	1419 SOUTHRIDGE DR
SS.MH.T0009179	C	2	1506 MANOR WAY ST
SS.MH.T0009193	B	2	1624 N. ENGLEWOOD AVE
SS.MH.T0009194	C	2	1400 BLK W. MLK JR BLVD
SS.MH.T0009197	X	2	1709 N. GLENWOOD BLVD
SS.MH.T0009198	X	2	1806 NANCY DR
SS.MH.T0009199	B	2	1500 BLK N. WOLFORD AVE
SS.MH.T0009200	C	2	1604 N. PARKDALE DR
SS.MH.T0009201	C	2	1700 BLK N. PARKDALE DR
SS.MH.T0009202	B	2	1621 N WOLFORD AVE
SS.MH.T0009203	X	2	1721 N. PARKDALE DR
SS.MH.T0009204	C	2	2197 WOLFORD AVE
SS.MH.T0009205	D	2	1806 NANCY DR
SS.MH.T0009215	C	2	3025 W. GENTRY PKWY
SS.MH.T0009241	C	2	2300 W. NW LP 323
SS.MH.T0009243	B	2	2202 W. NW LP 323
SS.MH.T0009244	C	2	2202 W. NW LP 323
SS.MH.T0009245	C	2	2202 W. NW LP 323
SS.MH.T0009246	B	2	2202 W. NW LP 323
SS.MH.T0009247	C	2	2202 W. NW LP 323
SS.MH.T0009248	B	2	2202 W. NW LP 323
SS.MH.T0009268	B	2	3475 CORPORATE DR
SS.MH.T0009280	C	2	2811 PUBLIC RD
SS.MH.T0009281	B	2	2811 PUBLIC RD
SS.MH.T0009295	X	2	
SS.MH.T0009478	X	2	2711 STALEY DR
SS.MH.T0009807	X	2	3504 BENBROOK DR
SS.MH.T0009845	X	2	3035 LIVELY LN
SS.MH.T0009861	D	2	3111 W. NW LP 323
SS.MH.T0010103	X	2	1514 W. HARMONY ST
SS.MH.T0010104	X	2	1719 N. CONFEDERATE AVE

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0010121	D	2	1715 N. GLENWOOD BLVD
SS.MH.T0010341	X	2	1907 CUSHING DR
SS.MH.T0010473	D	2	3108 LAKEWOOD DR
SS.MH.T0010474	B	2	3238 PINE HAVEN RD
SS.MH.T0010475	D	2	3016 BENBROOK DR
SS.MH.T0010489	D	2	3750 CR 427
SS.MH.T0011340	D	2	1424 SOUTHRIDGE DR
SS.MH.T0012398	B	2	3201 W. GENTRY PKWY
SS.MH.T0012508	D	2	1825 N. GLENWOOD BLVD
SS.MH.T0013010	B	2	3450 CORPORATE DR
SS.MH.T0013011	B	2	3475 CORPORATE DR
SS.MH.T0013012	X	2	3475 CORPORATE DR
SS.MH.T0013265	C	2	3220 W. GENTRY PKWY
SS.MH.T0013422	D	2	2203 W. MLK JR. BLVD
SS.MH.T0013423	D	2	2203 W. MLK JR. BLVD
SS.MH.T0013430	X	2	3208 FAIRLAWN DR
SS.MH.T0013528	D	2	274' US of 02927
SS.MH.T0013862	X	2	2400 N. CONFEDERATE AVE
SS.MH.T0013970	B	2	2825 BALDWIN DR
SS.MH.T0014099	C	2	3211 W. GENTRY PKWY
SS.MH.T0014316	D	2	2400 N. CONFEDERATE AVE
SS.MH.T0015247	C	2	2824 CECIL AVE
SS.MH.T0015249	B	2	1800 BLK MLK JR. BLVD
SS.MH.T0015291	B	2	2202 W NW LOOP 323
SS.MH.T0015292	A	2	2202 W NW LOOP 323
SS.MH.T0015293	B	2	3159 POINTE N DR
SS.MH.T0015298	C	2	2202 W. NW LP 323
SS.MH.T0015299	C	2	2202 W. NW LP 323
SS.MH.T0015308	B	2	1710 NANCY DR
SS.MH.T0015521	X	2	2339 BRECKENRIDGE ST
SS.MH.T0015526	B	2	3107 FAIRLAWN DR
SS.MH.T0015527	B	2	3316 BENBROOK DR
SS.MH.T0015530	D	2	3802 MINEOLA HWY (69)
SS.MH.T0015469	X	2	2202 W. NW LP 323
SS.MH.T0015532	D	2	2202 W. NW LP 323
SS.MH.T0015533	X	2	2202 W. NW LP 323
SS.MH.T0015649	D	2	2202 W. NW LP 323
SS.MH.T0015658	C	2	2901 W. GENTRY PKWY
SS.MH.T0015665	B	2	2820 CUSHING DR
SS.MH.T0015680	B	2	3000 W. NW LP 323
SS.MH.T0000259	X	3	700 SKYWAY BLVD
SS.MH.T0000260	X	3	700 SKYWAY BLVD
SS.MH.T0000261	C	3	700 SKYWAY BLVD

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0000262	B	3	700 SKYWAY BLVD
SS.MH.T0000263	D	3	700 SKYWAY BLVD
SS.MH.T0000264	C	3	700 SKYWAY BLVD
SS.MH.T0007480	C	3	700 SKYWAY BLVD
SS.MH.T0007481	A	3	700 SKYWAY BLVD
SS.MH.T0007482	C	3	700 SKYWAY DR
SS.MH.T0007483	D	3	700 SKYWAY BLVD
SS.MH.T0007484	D	3	700 SKYWAY BLVD
SS.MH.T0007485	D	3	700 SKYWAY BLVD
SS.MH.T0007486	D	3	700 SKYWAY BLVD
SS.MH.T0007487	D	3	700 SKYWAY BLVD
SS.MH.T0007488	B	3	700 SKYWAY BLVD
SS.MH.T0007489	X	3	700 SKYWAY BLVD
SS.MH.T0007490	X	3	700 SKYWAY BLVD
SS.MH.T0007491	C	3	353 AIRPORT DR
SS.MH.T0008259	B	3	738 DUKE PL
SS.MH.T0008268	X	3	13390 OLD DALLAS HWY
SS.MH.T0008315	C	3	584 DIXIE DR
SS.MH.T0008316	C	3	584 DIXIE DR
SS.MH.T0008317	B	3	584 DIXIE DR
SS.MH.T0008318	C	3	704 DIXIE DR
SS.MH.T0008319	B	3	1320 DIXIE DR
SS.MH.T0008320	B	3	1594 DIXIE DR
SS.MH.T0008425	C	3	335 AIRPORT DR
SS.MH.T0008426	D	3	150 AIRPORT DR
SS.MH.T0008427	C	3	209 AIRPORT DR
SS.MH.T0008428	C	3	209 AIRPORT DR
SS.MH.T0008429	B	3	209 AIRPORT DR
SS.MH.T0008430	C	3	209 AIRPORT DR
SS.MH.T0008431	X	3	150 AIRPORT DR
SS.MH.T0008432	D	3	150 AIRPORT DR
SS.MH.T0008433	C	3	209 AIRPORT DR
SS.MH.T0008488	B	3	336 WELLINGTON PL BLVD
SS.MH.T0008496	C	3	NONE WELLINGTON PL BLVD
SS.MH.T0008497	B	3	310 PRINCESS PL
SS.MH.T0008498	C	3	349 PRINCESS PL
SS.MH.T0008499	B	3	422 PRINCESS PL
SS.MH.T0008500	B	3	422 PRINCESS PL
SS.MH.T0008501	C	3	542 PRINCESS PL
SS.MH.T0008502	B	3	602 PRINCESS PL
SS.MH.T0008503	B	3	652 PRINCESS PL
SS.MH.T0008504	B	3	682 PRINCESS PL
SS.MH.T0008505	X	3	712 PRINCESS LN

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0008506	B	3	761 SPENCER LN
SS.MH.T0008507	B	3	781 SPENCER PL
SS.MH.T0008508	B	3	714 DUKE PL
SS.MH.T0008509	B	3	710 SPENCER LN
SS.MH.T0008510	B	3	710 SPENCER LN
SS.MH.T0008511	C	3	650 SPENCER LN
SS.MH.T0008512	B	3	590 SPENCER LN
SS.MH.T0008513	C	3	570 SPENCER LN
SS.MH.T0008514	B	3	430 SPENCER LN
SS.MH.T0008515	B	3	431 SPENCER LN
SS.MH.T0008516	C	3	150 AIRPORT DR
SS.MH.T0009747	D	3	700 SKYWAY BLVD
SS.MH.T0010483	D	3	345 PRINCESS PL
SS.MH.T0010484	B	3	411 SPENCER LN
SS.MH.T0013437	B	3	235 AIRPORT DR
SS.MH.T0013517	D	3	13390 OLD DALLAS HWY
SS.MH.T0013771	B	3	569 WELLINGTON PL BLVD
SS.MH.T0013772	X	3	569 WELLINGTON PL BLVD
SS.MH.T0013773	B	3	NONE DUKE PL
SS.MH.T0013774	B	3	438 DUKE PL
SS.MH.T0013775	A	3	552 WELLINGTON PL BLVD
SS.MH.T0013776	B	3	536 WELLINGTON PL BLVD
SS.MH.T0013777	B	3	473 WELLINGTON PL BLVD
SS.MH.T0013778	D	3	449 WELLINGTON PL BLVD
SS.MH.T0013901	B	3	328 DUKE PL
SS.MH.T0013902	B	3	328 DUKE PL
SS.MH.T0013903	B	3	328 DUKE PL
SS.MH.T0013904	B	3	328 DUKE PL
SS.MH.T0013905	B	3	328 DUKE PL
SS.MH.T0015611	D	3	13390 OLD DALLAS HWY
SS.MH.T0015620	C	3	13390 OLD DALLAS HWY
SS.MH.T0015621	D	3	13390 OLD DALLAS HWY
SS.MH.T0015622	X	3	961 DIXIE DR
SS.MH.T0015623	B	3	209 AIRPORT DR
SS.MH.T0015624	B	3	209 AIRPORT DR
SS.MH.T0015625	B	3	209 AIRPORT DR
SS.MH.T0000524	B	5	2890 STEWART WAY
SS.MH.T0000525	C	5	2902 STEWART WAY
SS.MH.T0000526	C	5	2931 STEWART WAY
SS.MH.T0000610	C	5	4055 HOGAN DR
SS.MH.T0000616	C	5	2801 WEXFORD DR
SS.MH.T0000617	C	5	2801 WEXFORD DR
SS.MH.T0000618	B	5	2801 WEXFORD DR

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0000619	X	5	1359 LAMB DR
SS.MH.T0001010	X	5	3801 CHANDLER HWY
SS.MH.T0001090	X	5	3801 CHANDLER HWY
SS.MH.T0001091	X	5	3701 CHANDLER HWY
SS.MH.T0001158	B	5	3210 S. SW LP 323
SS.MH.T0001159	B	5	3200 S. SW LP 323
SS.MH.T0001160	C	5	3029 MC CORMICK LN
SS.MH.T0001161	D	5	4550 STATE HWY 31 W
SS.MH.T0001162	B	5	3010 S. SW LP 323
SS.MH.T0001163	C	5	3010 S. SW LP 323
SS.MH.T0001164	C	5	2850 W. SHAW ST
SS.MH.T0001165	C	5	2850 W. SHAW ST
SS.MH.T0001174	X	5	600 BLK S. SW LP 323
SS.MH.T0001175	D	5	NONE S. SW LP 323
SS.MH.T0001176	X	5	3600 BLK BELLWOOD RD
SS.MH.T0001177	C	5	3925 BELLWOOD RD
SS.MH.T0001178	D	5	3807 BELLWOOD RD
SS.MH.T0001179	D	5	3917 BELLWOOD RD
SS.MH.T0001180	B	5	900 WHITESIDE RD
SS.MH.T0001181	B	5	919 WHITESIDE RD
SS.MH.T0001182	B	5	1012 WHITESIDE RD
SS.MH.T0001183	B	5	2695 S. SW LP 323
SS.MH.T0001188	B	5	1822 S SOUTHWEST LOOP 323
SS.MH.T0001189	D	5	NONE TOL AVE
SS.MH.T0001190	D	5	2502 WALTON RD
SS.MH.T0001191	D	5	NONE DEPRIEST AVE
SS.MH.T0001192	D	5	2505 WALTON RD
SS.MH.T0001193	D	5	2500 BLK WALTON RD
SS.MH.T0001194	B	5	2702 TOL AVE
SS.MH.T0001195	B	5	2704 TOL AVE
SS.MH.T0001196	X	5	3262 EARL CAMPBELL PKWY
SS.MH.T0001203	B	5	2720 DEPRIEST AVE
SS.MH.T0001204	B	5	2922 WALTON RD
SS.MH.T0001205	B	5	2806 MOOREHEAD ST
SS.MH.T0001206	B	5	2800 WALTON RD
SS.MH.T0001207	B	5	2620 WALTON RD
SS.MH.T0001208	B	5	2800 WALTON RD
SS.MH.T0001209	B	5	2900 RHINEHART ST
SS.MH.T0001210	C	5	2000 BLK WALTON RD
SS.MH.T0001211	B	5	2500 BLK WALTON RD
SS.MH.T0001212	B	5	2620 WALTON RD
SS.MH.T0001213	B	5	2322 WALTON RD
SS.MH.T0001214	C	5	2400 BLK HALL ST

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0001215	B	5	2801 SARA ST
SS.MH.T0001217	D	5	3000 BLK BUDDIE ST
SS.MH.T0001218	D	5	2516 FRANCHEL ST
SS.MH.T0001219	D	5	1000 S. SW LP 323
SS.MH.T0001220	B	5	3107 W. SHAW ST
SS.MH.T0001225	D	5	2800 WALTON RD
SS.MH.T0001226	X	5	1000 S. SW LP 323
SS.MH.T0001232	B	5	3110 TOWNE PARK DR
SS.MH.T0001233	C	5	3110 TOWNE PARK DR
SS.MH.T0001234	C	5	4121 OLD CHANDLER RD
SS.MH.T0001236	D	5	2835 LUTHER ST
SS.MH.T0001237	C	5	NONE TOL AVE
SS.MH.T0001238	B	5	2214 DAVIS AVE
SS.MH.T0001240	D	5	352 WHITESIDE RD
SS.MH.T0001246	B	5	3010 S. SW LP 323
SS.MH.T0001312	B	5	4197 BELLWOOD RD
SS.MH.T0001313	D	5	4191 BELLWOOD RD
SS.MH.T0001383	C	5	3363 BELLWOOD
SS.MH.T0001418	B	5	3444 PINE TERRACE DR
SS.MH.T0001419	C	5	3458 PINE TERRACE DR
SS.MH.T0001420	B	5	4085 HOGAN DR
SS.MH.T0001422	X	5	3843 LOUISE CT
SS.MH.T0001423	B	5	4055 HOGAN DR
SS.MH.T0001460	B	5	2801 WEXFORD DR
SS.MH.T0001461	C	5	2801 WEXFORD DR
SS.MH.T0001462	C	5	2801 WEXFORD DR
SS.MH.T0001463	C	5	3903 WEXFORD DR
SS.MH.T0001464	D	5	BLDG 40 WEXFORD DR
SS.MH.T0001465	B	5	BLDG 41 WEXFORD DR
SS.MH.T0002047	B	5	3122 WALTON RD
SS.MH.T0002048	B	5	2800 BLK JERSEY ST
SS.MH.T0002049	B	5	3122 MOOREHEAD ST
SS.MH.T0002050	B	5	3022 MOOREHEAD ST
SS.MH.T0002051	B	5	3021 WALTON RD
SS.MH.T0002052	X	5	3106 WALTON RD
SS.MH.T0002056	B	5	3200 S. SW LP 323
SS.MH.T0002057	D	5	4430 STATE HWY 31 W
SS.MH.T0002058	C	5	4301 CHANDLER HWY
SS.MH.T0002059	B	5	3211 TOWNE WAY DR
SS.MH.T0002060	B	5	3120 S. SW LP 323
SS.MH.T0002068	B	5	NONE S. SW LP 323
SS.MH.T0002069	C	5	3509 ROBERTSON RD
SS.MH.T0002070	B	5	1216 S BENNETT AVE

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0002071	C	5	3305 ROBERTSON RD
SS.MH.T0002072	B	5	1029 WHITESIDE RD
SS.MH.T0002073	X	5	1029 WHITESIDE RD
SS.MH.T0002074	D	5	703 DUCKENFIELD AVE
SS.MH.T0002075	D	5	703 DUCKENFIELD AVE
SS.MH.T0002076	C	5	3300 BLK BELLWOOD RD
SS.MH.T0002077	D	5	3400 BLK BELLWOOD RD
SS.MH.T0002078	D	5	726 BOYD AVE
SS.MH.T0002079	C	5	808 S. BENNETTE AVE
SS.MH.T0002080	X	5	800 BLK S. BENNETT AVE
SS.MH.T0002089	X	5	2603 S. SW LP 323
SS.MH.T0002090	D	5	1001 CROSBY ST
SS.MH.T0002091	B	5	1002 S. BUCKLEY AVE
SS.MH.T0002093	C	5	837 CROSBY ST
SS.MH.T0002094	C	5	840 S. BUCKLEY AVE
SS.MH.T0002095	C	5	2414 BELLWOOD RD
SS.MH.T0002096	D	5	841 BUCKLEY AVE
SS.MH.T0002097	C	5	822 BUCKLEY AVE
SS.MH.T0002098	C	5	2400 BELLWOOD RD
SS.MH.T0002099	D	5	2600 BLK BELLWOOD RD
SS.MH.T0002101	B	5	2850 W. SHAW ST
SS.MH.T0002102	B	5	3300 W. SHAW ST
SS.MH.T0002103	B	5	3300 W. SHAW ST
SS.MH.T0002104	C	5	3122 W. JACKSON ST
SS.MH.T0002105	D	5	1108 BRITTON AVE
SS.MH.T0002106	C	5	3209 W. JACKSON ST
SS.MH.T0002107	B	5	944 DUCKENFIELD AVE
SS.MH.T0002108	C	5	1018 BRITTON AVE
SS.MH.T0002109	B	5	806 DUCKENFIELD AVE
SS.MH.T0002110	C	5	3114 W. ROSE ST
SS.MH.T0002111	B	5	901 BRITTON AVE
SS.MH.T0002112	C	5	727 DUCKENFIELD AVE
SS.MH.T0002113	D	5	703 DUCKENFIELD AVE
SS.MH.T0002114	D	5	3210 BELLWOOD RD
SS.MH.T0002115	D	5	700 BRITTON AVE
SS.MH.T0002116	C	5	2924 BELLWOOD RD
SS.MH.T0002117	C	5	2808 BELLWOOD RD
SS.MH.T0002118	C	5	2808 BELLWOOD RD
SS.MH.T0002119	D	5	812 S. TURNER AVE
SS.MH.T0002120	X	5	1001 S. TURNER ST
SS.MH.T0002121	B	5	1001 S. TURNER ST
SS.MH.T0002122	B	5	3300 W. SHAW ST
SS.MH.T0002123	C	5	3320 W. SHAW ST

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0002124	B	5	3400 BLK W. SHAW ST
SS.MH.T0002126	D	5	915 S. SW LP 323
SS.MH.T0002127	X	5	909 S SW LOOP 323
SS.MH.T0002128	C	5	909 S. SW LP 323
SS.MH.T0002129	C	5	530 S. SW LP 323
SS.MH.T0002130	C	5	3555 CHANDLER HWY
SS.MH.T0002131	C	5	510 S. SW LP 323
SS.MH.T0002132	X	5	510 S. SW LP 323
SS.MH.T0002133	B	5	530 S. SW LP 323
SS.MH.T0002134	D	5	3801 CHANDLER HWY
SS.MH.T0002135	D	5	3921 CHANDLER HWY
SS.MH.T0002136	D	5	637 WHITESIDE RD
SS.MH.T0002137	C	5	603 WHITESIDE RD
SS.MH.T0002138	B	5	4115 CHANDLER HWY
SS.MH.T0002139	C	5	530 S. SW LP 323
SS.MH.T0002140	C	5	530 S. SW LP 323
SS.MH.T0002141	X	5	530 S. SW LP 323
SS.MH.T0002143	D	5	805 CLARK ST
SS.MH.T0002145	X	5	835 CLARK ST
SS.MH.T0002146	X	5	616 TUBBS ST
SS.MH.T0002148	X	5	3201 ROBERTSON RD
SS.MH.T0002149	B	5	3201 ROBERTSON RD
SS.MH.T0002151	C	5	3305 ROBERTSON RD
SS.MH.T0002152	B	5	3305 ROBERTSON RD
SS.MH.T0002153	C	5	NONE WILDROSE DR
SS.MH.T0002155	D	5	4229 OLD CHANDLER RD
SS.MH.T0002156	B	5	2818 SARA ST
SS.MH.T0002157	D	5	3111 SEATON ST
SS.MH.T0002158	C	5	3023 OLIVER ST
SS.MH.T0002159	C	5	3006 MOOREHEAD ST
SS.MH.T0002160	X	5	2902 MOOREHEAD ST
SS.MH.T0002161	X	5	3111 SEATON ST
SS.MH.T0002162	B	5	3031 BUDDIE ST
SS.MH.T0002164	B	5	2821 ROBERTSON RD
SS.MH.T0002165	B	5	2811 ROBERTSON RD
SS.MH.T0002166	B	5	2511 ROBERTSON RD
SS.MH.T0002167	C	5	2503 ROBERTSON RD
SS.MH.T0002168	X	5	3122 MOOREHEAD ST
SS.MH.T0002169	C	5	2412 CARTWRIGHT ST
SS.MH.T0002170	X	5	3004 KING ST
SS.MH.T0002171	X	5	2614 MADISON ST
SS.MH.T0002172	B	5	2423 MADISON ST
SS.MH.T0002192	C	5	3908 S. SW LP 323

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0002193	X	5	3908 S. SW LP 323
SS.MH.T0002227	D	5	3021 MC CORMICK LN
SS.MH.T0002228	D	5	3432 S. SE LP 323
SS.MH.T0002229	B	5	3422 S. SE LP 323
SS.MH.T0002230	B	5	3418 S. SW LP 323
SS.MH.T0002235	D	5	2224 WALTON RD
SS.MH.T0002248	B	5	2929 S SOUTHWEST LOOP 323
SS.MH.T0002250	B	5	903 BOYD AVE
SS.MH.T0002251	C	5	804 WHITESIDE RD
SS.MH.T0002252	B	5	1020 S. BUCKLEY AVE
SS.MH.T0002253	D	5	2325 W.SHAU ST
SS.MH.T0002254	B	5	3208 TOWNE PARK DR
SS.MH.T0002255	B	5	3110 TOWNE PARK DR
SS.MH.T0002256	C	5	1410 S. SW LP 323
SS.MH.T0002260	X	5	3201 S. SW LP 323
SS.MH.T0002261	B	5	3029 MC CORMICK LN
SS.MH.T0002267	C	5	2723 RACHEL AVE
SS.MH.T0002278	B	5	1204 S. BUCKLEY AVE
SS.MH.T0002279	B	5	803 S. BENNETTE AVE
SS.MH.T0002283	B	5	2806 RHINEHART ST
SS.MH.T0002284	C	5	2509 MADISON ST
SS.MH.T0002285	B	5	1532 BENNETTE AVE
SS.MH.T0002286	B	5	1553 BENNETT AVE
SS.MH.T0002288	C	5	907 TUBBS ST
SS.MH.T0002289	B	5	809 BOYD AVE
SS.MH.T0002291	B	5	2850 S. SW LP 323
SS.MH.T0002293	B	5	3110 (5) TOWNE PARK DR
SS.MH.T0002294	D	5	3110 TOWNE PARK DR
SS.MH.T0002295	D	5	3110 (22) TOWNE PARK DR
SS.MH.T0002296	D	5	3110 TOWNE PARK DR
SS.MH.T0002310	B	5	3200 S. SW LP 323
SS.MH.T0002311	B	5	3013 BUDDIE ST
SS.MH.T0002312	B	5	2850 S. SW LP 323
SS.MH.T0002314	X	5	1410 S. SW LP 323
SS.MH.T0002315	D	5	714 BOYD AVE
SS.MH.T0002316	X	5	3300 BLK BELLWOOD RD
SS.MH.T0002318	B	5	NONE DEPRIEST AVE
SS.MH.T0002319	B	5	NONE DEPRIEST AVE
SS.MH.T0002320	D	5	NONE DEPRIEST AVE
SS.MH.T0002321	D	5	NONE TOL AVE
SS.MH.T0002322	D	5	NONE DEPRIEST AVE
SS.MH.T0002323	D	5	NONE DEPRIEST AVE
SS.MH.T0002324	X	5	3262 EARL CAMPBELL PKWY

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0002325	C	5	NONE TOL AVE
SS.MH.T0002326	B	5	2808 LUTHER ST
SS.MH.T0002327	B	5	2518 FRANCHEL ST
SS.MH.T0002328	C	5	2600 BLK MADISON ST
SS.MH.T0002330	X	5	3915 W. SW LP 323
SS.MH.T0002331	X	5	3915 S. SW LP 323
SS.MH.T0002333	B	5	2118 WALTON RD
SS.MH.T0002334	C	5	B2204 WALTON RD
SS.MH.T0002340	B	5	4100 BLK SUEL DR
SS.MH.T0002341	B	5	4314 SUEL DR
SS.MH.T0002342	B	5	3113 SEATON ST
SS.MH.T0002706	D	5	2772 S. SE LP 323
SS.MH.T0002707	B	5	2724 FLINT ST
SS.MH.T0002708	B	5	2712 FLINT ST
SS.MH.T0002713	B	5	3110 (36) TOWNE PARK DR
SS.MH.T0002714	B	5	3110 TOWNE PARK DR
SS.MH.T0002715	X	5	4420 ST HWY 31 W.
SS.MH.T0002716	C	5	4430 STATE HWY 31 W
SS.MH.T0002717	C	5	4301 CHANDLER HWY
SS.MH.T0002722	X	5	4136 CHANDLER HWY
SS.MH.T0002723	B	5	3200 BLK TOWNE WAY DR
SS.MH.T0002724	B	5	3211 TOWNE WAY DR
SS.MH.T0003335	D	5	3501 CHANDLER HWY
SS.MH.T0005668	C	5	3462 WALTON RD
SS.MH.T0005669	C	5	3462 WALTON RD
SS.MH.T0005670	C	5	3220 WALTON RD
SS.MH.T0005671	B	5	3220(400) WALTON RD
SS.MH.T0005672	D	5	2850 S. SW LP 323
SS.MH.T0005673	B	5	2626 S.SW LP 323
SS.MH.T0005898	B	5	2724 TOL AVE
SS.MH.T0007104	B	5	3013 EARL CAMPBELL PKWY
SS.MH.T0007105	C	5	1700 BLKBENNETT AVE
SS.MH.T0007119	B	5	NONE NATURE TRL
SS.MH.T0007122	X	5	3809 PUTTING LN
SS.MH.T0007123	B	5	3849 PUTTING LN
SS.MH.T0007129	B	5	2811 STEWART WAY
SS.MH.T0007130	B	5	2818 STEWART WAY
SS.MH.T0007131	B	5	2824 STEWART WAY
SS.MH.T0007132	C	5	2824 STEWART WAY
SS.MH.T0007133	B	5	2848 STEWART WAY
SS.MH.T0007134	B	5	2848 STEWART WAY
SS.MH.T0007135	B	5	2848 STEWART WAY
SS.MH.T0007136	C	5	2848 STEWART WAY

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0007137	C	5	2872 STEWART WAY
SS.MH.T0007138	C	5	2878 STEWART WAY
SS.MH.T0007139	B	5	2907 STEWART WAY
SS.MH.T0007140	B	5	2913 STEWART WAY
SS.MH.T0007141	C	5	2931 STEWART WAY
SS.MH.T0007142	C	5	4500 BLK CASCADES BLVD
SS.MH.T0007143	B	5	4500 BLK CASCADES BLVD
SS.MH.T0007144	B	5	4537 CASCADES BLVD
SS.MH.T0007145	C	5	4545 CASCADES BLVD
SS.MH.T0007146	B	5	2849 J. CUPIT CT
SS.MH.T0007147	B	5	2861 J. CUPIT CT
SS.MH.T0007156	B	5	4454 TRIGGS TRACE
SS.MH.T0007157	B	5	4506 TRIGGS TRACE
SS.MH.T0007169	C	5	4463 COUPLES CT
SS.MH.T0007170	C	5	4463 COUPLES CT
SS.MH.T0007171	C	5	4463 COUPLES CT
SS.MH.T0007172	C	5	4463 COUPLES CT
SS.MH.T0007173	C	5	4463 COUPLES CT
SS.MH.T0007225	B	5	4210 HOGAN DR
SS.MH.T0007226	B	5	3682 FORREST CT
SS.MH.T0007227	B	5	3800 BLK HOGAN DR
SS.MH.T0007233	B	5	3934 HOGAN DR
SS.MH.T0007234	B	5	3922 HOGAN DR
SS.MH.T0007235	B	5	3854 HOGAN DR
SS.MH.T0007236	B	5	3842 HOGAN DR
SS.MH.T0007237	B	5	3830 HOGAN DR
SS.MH.T0007238	B	5	3824 HOGAN DR
SS.MH.T0007239	B	5	3811 HOGAN DR
SS.MH.T0007240	B	5	3611 RED LEAF DR
SS.MH.T0007247	C	5	3782 HOGAN DR
SS.MH.T0007248	C	5	3770 HOGAN DR
SS.MH.T0007249	B	5	3734 HOGAN DR
SS.MH.T0007250	B	5	3722 HOGAN DR
SS.MH.T0007251	C	5	3729 HOGAN DR
SS.MH.T0007269	B	5	3883 LOUISE CT
SS.MH.T0007325	B	5	3868 LAMB DR
SS.MH.T0007326	X	5	3850 LAMB DR
SS.MH.T0007327	X	5	3808 LAMB DR
SS.MH.T0007328	B	5	3850 SCENIC DR
SS.MH.T0007329	X	5	3851 SCENIC DR
SS.MH.T0007330	B	5	4133 SCENIC DR
SS.MH.T0007331	X	5	4133 SCENIC DR
SS.MH.T0007332	B	5	4145 SCENIC DR

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0007333	C	5	BLDG 29 WEXFORD DR
SS.MH.T0007613	B	5	4055 HOGAN DR
SS.MH.T0007614	B	5	4141 HOGAN DR
SS.MH.T0007626	C	5	4468 CASCADES BLVD
SS.MH.T0007627	B	5	2847 STEWART WAY
SS.MH.T0007628	X	5	2847 STEWART WAY
SS.MH.T0007629	X	5	2890 STEWART WAY
SS.MH.T0007631	C	5	4398 HOGAN DR
SS.MH.T0007632	C	5	4387 HOGAN DR
SS.MH.T0007633	B	5	4390 HOGAN DR
SS.MH.T0007639	X	5	2819 HOGAN CT
SS.MH.T0007679	X	5	2849 J. CUPIT CT
SS.MH.T0007795	B	5	3120 S. SW LP 323
SS.MH.T0007796	B	5	3142 PARK CENTER DR
SS.MH.T0007797	C	5	3120 S. SW LP 323
SS.MH.T0007798	B	5	2469 EARL CAMPBELL PKWY
SS.MH.T0007799	B	5	2469 EARL CAMPBELL PKWY
SS.MH.T0007800	B	5	2461 EARL CAMPBELL PKWY
SS.MH.T0007801	B	5	2467 EARL CAMPBELL PKWY
SS.MH.T0007802	B	5	NONE EARL CAMPBELL PKWY
SS.MH.T0007803	B	5	800 BLK EARL CAMPBELL PKWY
SS.MH.T0007804	B	5	800 BLK EARL CAMPBELL PKWY
SS.MH.T0007805	B	5	800 BLK EARL CAMPBELL PKWY
SS.MH.T0007806	B	5	800 BLK EARL CAMPBELL PKWY
SS.MH.T0007807	B	5	800 BLK EARL CAMPBELL PKWY
SS.MH.T0007826	C	5	4224 HOGAN DR
SS.MH.T0007827	C	5	4402 CASCADES BLVD
SS.MH.T0007828	C	5	4402 CASCADES BLVD
SS.MH.T0007832	C	5	4498 CASCADES SHORELINE DR
SS.MH.T0007833	B	5	4498 CASCADES SHORELINE DR
SS.MH.T0007834	X	5	4550 CASCADES SHORELINE DR
SS.MH.T0007835	B	5	4486 CASCADES SHORELINE DR
SS.MH.T0007836	B	5	4550 CASCADES SHORELINE DR
SS.MH.T0007837	B	5	4550 CASCADES SHORELINE DR
SS.MH.T0007838	X	5	4550 CASCADES SHORELINE DR
SS.MH.T0009059	B	5	4110 BRIARWOOD RD
SS.MH.T0009069	B	5	4134 BRIARWOOD RD
SS.MH.T0009073	B	5	3363 CASCADE BLVD
SS.MH.T0009084	B	5	4331 MARK HAYES CT
SS.MH.T0009085	B	5	4331 MARK HAYES CT
SS.MH.T0009086	B	5	4334 CASCADES BLVD
SS.MH.T0009087	B	5	4318 CASCADES BLVD
SS.MH.T0009088	B	5	4312 CASCADES BLVD

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0009089	B	5	4353 CASCADES BLVD
SS.MH.T0009090	C	5	4350 CASCADES BLVD
SS.MH.T0009094	C	5	4400 BLK CASCADES BLVD
SS.MH.T0009095	B	5	4405 CASCADES SHORELINE DR
SS.MH.T0009401	X	5	3110 TOWNE PARK DR
SS.MH.T0009402	B	5	3110 (36) TOWNE PARK DR
SS.MH.T0009403	D	5	3020 RHINEHART ST
SS.MH.T0009404	X	5	3915 W. SW LP 323
SS.MH.T0009405	X	5	3920 S. SW LP 323
SS.MH.T0009406	X	5	3024 MC CORMICK LN
SS.MH.T0009407	D	5	3400 BLK BELLWOOD RD
SS.MH.T0009408	X	5	701 DUCKENFIELD AVE
SS.MH.T0009409	X	5	800 BRITTON AVE
SS.MH.T0009410	X	5	800 BRITTON AVE
SS.MH.T0009411	X	5	815 S. BUCKLEY ST
SS.MH.T0009483	D	5	2700 S.SW LP 323
SS.MH.T0009484	D	5	4550 ST HWY 31 W.
SS.MH.T0009485	C	5	2603 S. SW LP 323
SS.MH.T0009486	X	5	1000 S. SW LP 323
SS.MH.T0009487	X	5	2734 RACHEL AVE
SS.MH.T0009488	X	5	2738 DEPRIEST AVE
SS.MH.T0009489	X	5	819 S. BUCKLEY ST
SS.MH.T0009490	D	5	2310 BELLWOOD RD
SS.MH.T0009194	X	5	847 CLARK ST
SS.MH.T0009492	X	5	2431 W. JACKSON ST
SS.MH.T0009493	D	5	2515 W. SHAW ST
SS.MH.T0009494	D	5	902 S. TURNER ST
SS.MH.T0009495	D	5	902 S. TURNER ST
SS.MH.T0009496	D	5	930 DUCKENFIELD AVE
SS.MH.T0009497	D	5	936 DUCKENFIELD AVE
SS.MH.T0009498	B	5	3116 CARDEN LN
SS.MH.T0009499	X	5	3014 W. JACKSON ST
SS.MH.T0009629	X	5	909 S. LYONS AVE
SS.MH.T0009630	X	5	2305 W. ROBBINS ST
SS.MH.T0009631	C	5	4136 CHANDLER HWY
SS.MH.T0009634	X	5	1029 WHITESIDE RD
SS.MH.T0009635	D	5	2902 MOOREHEAD ST
SS.MH.T0009636	D	5	3110 TOWNE PARK DR
SS.MH.T0009637	D	5	3120 S. SW LP 323
SS.MH.T0009695	D	5	3468 PINE TERRACE DR
SS.MH.T0009696	X	5	4087 HOGAN DR
SS.MH.T0009697	X	5	4087 HOGAN DR
SS.MH.T0009719	D	5	1553 BENNETTE AVE

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0009720	D	5	3837 PUTTING LN
SS.MH.T0009721	X	5	3849 PUTTING LN
SS.MH.T0009722	B	5	285 STEWART WAY
SS.MH.T0009723	C	5	2931 STEWART WAY
SS.MH.T0009724	C	5	4555 CASCADES BLVD
SS.MH.T0009725	C	5	2861 J. CUPIT CT
SS.MH.T0009727	C	5	4516 TRIGGS TRACE
SS.MH.T0009729	D	5	4463 COUPLES CT
SS.MH.T0009737	D	5	3958 SCENIC DR
SS.MH.T0009738	X	5	3949 SCENIC DR
SS.MH.T0009739	B	5	3444 PINE TERRACE DR
SS.MH.T0009856	C	5	4122 BRIARWOOD RD
SS.MH.T0009976	X	5	3831 LAMB DR
SS.MH.T0009994	X	5	2815 FRANKSTON HWY
SS.MH.T0009995	D	5	2721 MONROE ST
SS.MH.T0009996	D	5	2214 DAVIS AVE
SS.MH.T0009997	D	5	2300 BLK HALL ST
SS.MH.T0009998	X	5	2901 GARDNER AVE
SS.MH.T0009999	D	5	406 MORGAN AVE
SS.MH.T0010000	D	5	NONE OLD CHANDLER RD
SS.MH.T0010001	X	5	4209 OLD CHANDLER RD
SS.MH.T0010002	D	5	3117 SEATON ST
SS.MH.T0010003	X	5	709 WHITESIDE RD
SS.MH.T0010004	D	5	703 WHITESIDE RD
SS.MH.T0010005	D	5	603 WHITESIDE RD
SS.MH.T0010006	X	5	4285 CHANDLER HWY
SS.MH.T0010090	D	5	2736 TOL AVE
SS.MH.T0010091	B	5	2902 WALTON RD
SS.MH.T0010092	X	5	2902 WALTON RD
SS.MH.T0010093	X	5	2806 PEARL ST
SS.MH.T0010094	X	5	2615 MADISON ST
SS.MH.T0010095	X	5	2500 BLKPATRICK DR
SS.MH.T0010096	X	5	2922 MEYER AVE
SS.MH.T0010097	B	5	2400 BLK MADISON ST
SS.MH.T0010098	X	5	2603 MADISON ST
SS.MH.T0010099	D	5	3000 BLK BUDDIE ST
SS.MH.T0010100	D	5	2706 LUTHER ST
SS.MH.T0010101	D	5	2708 SARA ST
SS.MH.T0010268	D	5	3211 TOWN WAY DR
SS.MH.T0010330	X	5	3111 SEATON ST
SS.MH.T0010340	B	5	3904 OLD CHANDLER RD
SS.MH.T0010380	D	5	3438 PINE TERRACE DR
SS.MH.T0010404	D	5	4418 CASCADES BLVD

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0010405	C	5	2810 HOGAN CT
SS.MH.T0010423	D	5	3208 PARK CENTER DR
SS.MH.T0010425	X	5	3142 PARK CENTER DR
SS.MH.T0010518	D	5	4306 CASCADES BLVD
SS.MH.T0010519	D	5	4350 CASCADES BLVD
SS.MH.T0010725	B	5	3211 TOWNE WAY DR
SS.MH.T0010734	B	5	956 BRITTON AVE
SS.MH.T0010903	D	5	1019 BOYD AVE
SS.MH.T0011488	C	5	430 S. SW LP 323
SS.MH.T0011541	X	5	4010 SUEL DR
SS.MH.T0011698	B	5	2824 LUTHER ST
SS.MH.T0011760	B	5	1007 BRITTON AVE
SS.MH.T0011761	C	5	300 BLK WHITESIDE RD
SS.MH.T0011874	D	5	3450 CHANDLER HWY
SS.MH.T0012271	D	5	2510 HABITAT CIR
SS.MH.T0012405	D	5	3106 MOOREHEAD ST
SS.MH.T0012410	D	5	4420 ST HWY 31 W.
SS.MH.T0012411	D	5	2850 W. SHAW ST
SS.MH.T0012796	C	5	1000 S.SW LP 323
SS.MH.T0013059	B	5	4136 CHANDLER HWY
SS.MH.T0013060	D	5	4420 ST HWY 31 W.
SS.MH.T0013061	D	5	4550 ST HWY 31 W.
SS.MH.T0013467	B	5	3915 W. SW LP 323
SS.MH.T0013533	B	5	3827 SCENIC DR
SS.MH.T0013548	B	5	3013 EARL CAMPBELL PKWY
SS.MH.T0013829	X	5	3600 BLK BELLWOOD RD
SS.MH.T0013925	A	5	4510 CASCADES SHORELINE DR
SS.MH.T0013953	B	5	4454 TRIGGS TRACE
SS.MH.T0014475	D	5	2609 S. SW LP 323
SS.MH.T0014534	X	5	2831 J. CUPIT CT
SS.MH.T0014535	B	5	2831 J. CUPIT CT
SS.MH.T0014536	X	5	2813 J. CUPIT CT
SS.MH.T0014537	C	5	2813 J. CUPIT CT
SS.MH.T0014538	X	5	2813 J. CUPIT CT
SS.MH.T0014543	X	5	3904 OLD CHANDLER RD
SS.MH.T0014847	X	5	2025 S SOUTHWEST LOOP 323
SS.MH.T0014848	C	5	3258 EARL CAMPBELL PKWY
SS.MH.T0015472	C	5	3510 CHANDLER HWY
SS.MH.T0015515	B	5	2520 PATRICK ST
SS.MH.T0015516	C	5	3111 SEATON ST
SS.MH.T0015517	B	5	2805 STEWART WAY
SS.MH.T0015523	B	5	2812 LUTHER ST
SS.MH.T0015537	B	5	NONE TOL AVE

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0015538	B	5	1131 BRITTON AVE
SS.MH.T0015539	B	5	3209 W. SHAW ST
SS.MH.T0015540	D	5	NONE DEPRIEST AVE
SS.MH.T0015542	B	5	3201 ROBERTSON RD
SS.MH.T0015543	C	5	2821 ROBERTSON RD
SS.MH.T0015544	B	5	2821 ROBERTSON RD
SS.MH.T0015545	B	5	3001 ROBERTSON RD
SS.MH.T0015546	B	5	3211 TOWNE WAY DR
SS.MH.T0015547	B	5	3211 TOWNE WAY DR
SS.MH.T0015548	D	5	3211 TOWNE WAY DR
SS.MH.T0015581	B	5	3013 EARL CAMPBELL PKWY
SS.MH.T0015582	C	5	3013 EARL CAMPBELL PKWY
SS.MH.T0015583	B	5	3013 EARL CAMPBELL PKWY
SS.MH.T0015584	B	5	3013 EARL CAMPBELL PKWY
SS.MH.T0015585	C	5	3013 EARL CAMPBELL PKWY
SS.MH.T0015586	C	5	3013 EARL CAMPBELL PKWY
SS.MH.T0015587	B	5	3815 SCENIC DR
SS.MH.T0015590	D	5	1419 OLD CHANDLER RD
SS.MH.T0015594	B	5	3422 S. SE LP 323
SS.MH.T0015595	X	5	3422 S. SE LP 323
SS.MH.T0015596	B	5	3422 S. SE LP 323
SS.MH.T0015597	B	5	3374 S. SE LP 323
SS.MH.T0015598	B	5	3350 S. SW LP 323
SS.MH.T0015599	B	5	3350 S. SW LP 323
SS.MH.T0015602	B	5	2626 S. SW LP 323
SS.MH.T0015603	B	5	2847 STEWART WAY
SS.MH.T0015604	D	5	3210 S. SW LP 323
SS.MH.T0015605	C	5	3110 (3) TOWNE PARK DR
SS.MH.T0015606	X	5	3110 TOWNE PARK DR
SS.MH.T0015607	B	5	3110 (22) TOWNE PARK DR
SS.MH.T0015608	D	5	3110 (16) TOWNE PARK DR
SS.MH.T0015609	B	5	3110 (18) TOWNE PARK DR
SS.MH.T0015610	B	5	3110 TOWNE PARK DR
SS.MH.T0015614	X	5	3010 S. SW LP 323
SS.MH.T0015615	X	5	3220(100) WALTON RD
SS.MH.T0015616	C	5	3220(700) WALTON RD
SS.MH.T0015617	C	5	3220(900) WALTON RD
SS.MH.T0015618	C	5	3220(100) WALTON RD
SS.MH.T0015619	C	5	400 S. SW LP 323
SS.MH.T0015669	B	5	530 S. SW LP 323
SS.MH.T0015670	B	5	503 S. SW LP 323
SS.MH.T0015671	X	5	3450 CHANDLER HWY
SS.MH.T0015678	C	5	530 S.SW LP 323

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0015683	A	5	1822 S SOUTHWEST LOOP 323
SS.MH.T0009420	A	6	5706 WILLINGHAM DR
SS.MH.T0009980	B	8	1718 W HOUSTON ST
SS.MH.T0000866	A	10	NONE N NW LOOP 323
SS.MH.T0010120	A	10	1605 N TENNEHA AVE
SS.MH.T0000783	D	13	903 E. FRONT ST.
SS.MH.T0004812	C	13	1821 S. FLEISHEL AVE.
SS.MH.T0011445	B	13	516 E. DODGE ST.
SS.MH.T0014037	C	13	415 S FLEISHEL AVE
SS.MH.T0004659	D	14	800 BLK. S. PORTER ST.
SS.MH.T0005869	A	14	800 BLK. S. PORTER ST.
SS.MH.T0005895	X	14	2314 OLD HENDERSON HWY
SS.MH.T0010024	A	14	2312 SPARROW CIR
SS.MH.T0015211	C	14	3824 TROUP HWY
SS.MH.T0015213	A	14	800 BLK. S. PORTER ST.
SS.MH.T0002951	B	15	303 N. BOIS D ARC AVE.
SS.MH.T0011043	B	15	215 S. BONNER AVE.
SS.MH.T0015513	X	15	215 S. BONNER AVE.
SS.MH.T0001480	X	16	2010 HOLLY CREEK DR.
SS.MH.T0001709	C	17	1010 CHARLESTON DR
SS.MH.T0010194	A	17	1507 ROYAL OAK DR
SS.MH.T0010887	B	17	8166 KEVIN DR.
SS.MH.T0013793	X	17	5621 OLD BULLARD RD
SS.MH.T0014272	B	17	724 W. SW LOOP 323
SS.MH.T0014669	D	17	1600 RICE RD
SS.MH.T0014683	C	17	3913 FRANKSTON HWY.
SS.MH.T0000320	C	18	1800 SHILOH RD
SS.MH.T0000528	X	18	4414 CRESTIGE CT.
SS.MH.T0001694	B	18	5100 SWEETBRIAR LN.
SS.MH.T0003500	B	18	5215 BULLARD RD
SS.MH.T0005213	D	18	200 BLK SHILOH RD.
SS.MH.T0005215	C	18	300 BLK SHILOH RD.
SS.MH.T0006242	C	18	4400 PALUXY DR
SS.MH.T0009296	D	18	5610 S BROADWAY AVE
SS.MH.T0009311	D	18	1129 GARDEN PARK CIR.
SS.MH.T0009543	D	18	5400 CARMEL CT
SS.MH.T0010076	A	18	4817 PRESTWICK LN
SS.MH.T0010162	A	18	1713 TIMBER CREEK DR
SS.MH.T0010265	A	18	2726 WALKER ST
SS.MH.T0013509	C	18	1726 SYBIL LN.
SS.MH.T0014972	B	18	2060 SHILOH RD
SS.MH.T0015005	B	18	5731 ANDOVER DR
SS.MH.T0015038	A	18	5704 FOXCROFT RD.

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0015039	A	18	5706 FOXCROFT RD.
SS.MH.T0015214	A	18	1708 TIMBER VIEW
SS.MH.T0015215	B	18	1708 TIMBER VIEW
SS.MH.T0015514	X	18	1800 SYBIL LN
SS.MH.T0015549	D	18	1826 SYBIL LN
SS.MH.T0015578	C	18	1817 SYBIL LN
SS.MH.T0003991	X	19	2737 S BROADWAY AVE
SS.MH.T0000248	B	20	9127 PALUXY DR
SS.MH.T0000249	C	20	9127 PALUXY DR
SS.MH.T0000250	B	20	1750 CENTENNIAL PKWY
SS.MH.T0000251	B	20	1750 CENTENNIAL PKWY
SS.MH.T0000311	B	20	8156 GREER DR.
SS.MH.T0000319	C	20	731 PURDUE DR.
SS.MH.T0000353	X	20	8208 CROOKED TRL
SS.MH.T0000433	X	20	620 W CUMBERLAND RD
SS.MH.T0000533	B	20	9247 STONEBANK CROSSING
SS.MH.T0000534	B	20	9246 STONEBANK CROSSING
SS.MH.T0000535	B	20	9234 QUIET WATER
SS.MH.T0000536	D	20	9245 QUIET WATER
SS.MH.T0000537	B	20	9344 STONEBANK CROSSING
SS.MH.T0000538	C	20	9344 STONEBANK CROSSING
SS.MH.T0000544	C	20	8393 GARRETT RD.
SS.MH.T0000545	B	20	8355 GARRETT RD.
SS.MH.T0000584	B	20	1301 W CUMBERLAND RD
SS.MH.T0000586	X	20	413 W CUMBERLAND RD
SS.MH.T0000587	C	20	1501 W CUMBERLAND RD
SS.MH.T0000588	C	20	413 W CUMBERLAND RD
SS.MH.T0000589	B	20	413 CUMBERLAND DR
SS.MH.T0000590	B	20	413 CUMBERLAND RD
SS.MH.T0000591	D	20	2401 W CUMBERLAND RD
SS.MH.T0000592	C	20	8402 LAKEWAY DR
SS.MH.T0001348	B	20	9441 CHEROKEE TRL
SS.MH.T0001349	B	20	9445 CHEROKEE TRL
SS.MH.T0001350	B	20	9453 CHEROKEE TRL
SS.MH.T0001351	B	20	1226 RAINMAKER
SS.MH.T0001352	A	20	9465 CHEROKEE TRL
SS.MH.T0001353	B	20	9465 CHEROKEE TRL.
SS.MH.T0001354	D	20	NONE COVENTRY RD
SS.MH.T0001370	B	20	7925 S BROADWAY AVE
SS.MH.T0001371	C	20	7925 S BROADWAY AVE
SS.MH.T0001372	A	20	7925 S BROADWAY AVE
SS.MH.T0001373	C	20	7925 S BROADWAY AVE
SS.MH.T0001374	B	20	7925 S BROADWAY AVE

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0001375	C	20	8101 S BROADWAY AVE
SS.MH.T0001376	X	20	8225 S BROADWAY AVE
SS.MH.T0001413	B	20	9437 CHEROKEE TRL
SS.MH.T0001414	B	20	421W CUMBERLAND RD
SS.MH.T0001415	C	20	202 W CUMBERLAND RD
SS.MH.T0001416	X	20	202 W CUMBERLAND RD
SS.MH.T0001426	A	20	1235 COLT LN
SS.MH.T0001427	D	20	1242 COLT LN
SS.MH.T0001428	B	20	NONE COVENTRY PKWY
SS.MH.T0001429	B	20	1236 CENTENNIAL PKWY
SS.MH.T0001430	B	20	1228 CENTENNIAL PKWY
SS.MH.T0001431	X	20	1236 CENTENNIAL PKWY
SS.MH.T0001432	B	20	1436 CENTENNIAL PKWY
SS.MH.T0001433	C	20	NONE CONVENTRY RD
SS.MH.T0001434	C	20	NONE COVENTRY RD
SS.MH.T0001435	C	20	NONE COVENTRY RD
SS.MH.T0001436	X	20	NONE COVERNTY RD
SS.MH.T0001437	C	20	NONE CONVENTRY RD
SS.MH.T0001438	B	20	NONE COVENTRY RD
SS.MH.T0001439	C	20	1527 SKIDMORE LN
SS.MH.T0001466	B	20	8436 LAKE DR
SS.MH.T0001467	B	20	8424 LAKE DR
SS.MH.T0001468	B	20	8402 LAKEWAY DR
SS.MH.T0001469	B	20	8402 LAKE WAY DR
SS.MH.T0001470	C	20	8402 LAKEWAY DR
SS.MH.T0002449	C	20	8106 CROOKED TRL
SS.MH.T0002450	B	20	8105 CROOKED TRL
SS.MH.T0002451	C	20	8311 CROOKED TRL
SS.MH.T0002452	D	20	8310 CROOKED TRL
SS.MH.T0002453	X	20	8310 CROOKED TRL
SS.MH.T0002454	D	20	8225 S BROADWAY AVE
SS.MH.T0002455	C	20	8404 CROOKED TRL
SS.MH.T0002456	D	20	8205 S BROADWAY AVE
SS.MH.T0002457	B	20	8389 S BROADWAY AVE
SS.MH.T0002458	B	20	8407 CROOKED TRL
SS.MH.T0002459	B	20	8408 CROOKED TRL
SS.MH.T0002460	D	20	8389 S BROADWAY AVE
SS.MH.T0002461	A	20	8505 CROOKED TRAIL
SS.MH.T0002462	A	20	8502 CROOKED TRAIL
SS.MH.T0002463	D	20	8402 LAKEWAY DR
SS.MH.T0002467	D	20	8402 LAKEWAY DR
SS.MH.T0003870	C	20	400BLK HARVARD DR
SS.MH.T0003871	C	20	8238 BAYLOR DR

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0003872	C	20	8226 BAYLOR DR
SS.MH.T0005448	B	20	1025 JEFFERY DR
SS.MH.T0005459	B	20	1105 ELAINE DR.
SS.MH.T0005500	C	20	8229 CLEMSON DR
SS.MH.T0005501	C	20	513 OXFORD DR
SS.MH.T0005502	D	20	600 OXFORD DR
SS.MH.T0005503	B	20	715 OXFORD DR.
SS.MH.T0005504	D	20	8237 CLEMSON DR.
SS.MH.T0005505	B	20	8300 CAMBRIDGE RD.
SS.MH.T0005506	C	20	817 MCCLENNY DR.
SS.MH.T0005507	B	20	NONE CAMBRIDGE RD
SS.MH.T0005508	B	20	1917 CAMBRIDGE RD.
SS.MH.T0005509	B	20	8420 CAMBRIDGE RD.
SS.MH.T0005510	C	20	700 HARVARD DR.
SS.MH.T0005511	B	20	8304 OXFORD DR.
SS.MH.T0005512	C	20	707 PURDUE DR.
SS.MH.T0005513	X	20	609 PURDUE DR.
SS.MH.T0005514	B	20	600 PURDUE DR.
SS.MH.T0005515	C	20	701 HARVARD DR.
SS.MH.T0005516	D	20	513 HARVARD DR.
SS.MH.T0005517	C	20	500 HARVARD DR.
SS.MH.T0005519	D	20	520 PRINCETON DR
SS.MH.T0005520	B	20	520 PRINCETON DR
SS.MH.T0005521	C	20	505 PRINCETON DR
SS.MH.T0005606	B	20	1917 CAMBRIDGE RD.
SS.MH.T0005607	D	20	1917 CAMBRIDGE RD.
SS.MH.T0006180	B	20	6700 GREER DR.
SS.MH.T0006181	B	20	8146 GREER DR.
SS.MH.T0006182	B	20	8164 GREER DR.
SS.MH.T0006183	C	20	NONE CAMBRIDGE RD
SS.MH.T0006196	C	20	400BLK HARVARD RD
SS.MH.T0006197	C	20	500 HARVARD DR.
SS.MH.T0006198	C	20	NONE HARVARD DR
SS.MH.T0006199	C	20	400BLK HARVARD DR
SS.MH.T0006269	X	20	8300 EL CERRITO PL.
SS.MH.T0006270	D	20	720 MCCLENNY DR.
SS.MH.T0007035	B	20	5829 THOMPSON PL
SS.MH.T0007036	B	20	5833 THOMPSON PL
SS.MH.T0007042	C	20	2539 GUINN FARM RD
SS.MH.T0007045	D	20	NONE BARBEE RD
SS.MH.T0007052	C	20	2548 GUINN FARMS RD
SS.MH.T0007053	C	20	6025 MORNING MIST DR
SS.MH.T0007054	D	20	6033 MORNING MIST DR

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0007055	D	20	6041 MORNING MIST DR
SS.MH.T0007056	B	20	6049 MORNING MIST DR
SS.MH.T0007057	B	20	6053 MORNING MIST DR
SS.MH.T0007058	B	20	2523 MEADOWGLEN CT
SS.MH.T0007059	B	20	2548 MEADOWLAND CIR
SS.MH.T0007060	B	20	2533 MEADOWLAND CT
SS.MH.T0007063	B	20	5930 GRACE AVE
SS.MH.T0007082	C	20	5834 THOMPSON PL
SS.MH.T0007083	B	20	5845 THOMPSON PL
SS.MH.T0007084	C	20	5859 THOMPSON PL
SS.MH.T0007085	B	20	6043 GRACE AVE
SS.MH.T0007086	B	20	6039 GRACE AVE
SS.MH.T0007087	B	20	6016 GRACE AVE
SS.MH.T0007088	B	20	5875 GRACE AVE
SS.MH.T0007089	C	20	5875 GRACE AVE
SS.MH.T0007090	C	20	5856 GRACE AVE
SS.MH.T0007091	B	20	6015 GRACE AVE
SS.MH.T0007092	C	20	2523 GUINN FARMS RD
SS.MH.T0007101	X	20	1236 CENTENNIAL PKWY
SS.MH.T0007257	A	20	2448 ROY RD
SS.MH.T0007258	A	20	2448 ROY RD
SS.MH.T0007287	C	20	NONE CONVENTRY RD
SS.MH.T0007361	C	20	8620 RADCLIFFE DR
SS.MH.T0007362	C	20	8620 RADCLIFFE DR
SS.MH.T0007363	C	20	8643 RADCLIFFE DR
SS.MH.T0007364	B	20	8705 RADCLIFFE DR
SS.MH.T0007365	B	20	8612 RADCLIFFE DR
SS.MH.T0007366	C	20	8515 RADCLIFFE DR
SS.MH.T0007367	B	20	311 CAMBRIDGE RD
SS.MH.T0007368	C	20	1034 CAMBRIDGE RD
SS.MH.T0007369	C	20	8515 AUBURN DR
SS.MH.T0007370	B	20	8515 AUBURN DR
SS.MH.T0007371	C	20	8527 AUBURN DR
SS.MH.T0007372	D	20	8288 S BROADWAY AVE
SS.MH.T0007373	C	20	8310 S BROADWAY AVE
SS.MH.T0007374	B	20	8288 S BROADWAY AVE
SS.MH.T0007375	B	20	8421 SOUTHLAND DR
SS.MH.T0007376	B	20	8421 SOUTHLAND DR
SS.MH.T0007377	B	20	8425 SOUTHLAND DR
SS.MH.T0007378	B	20	8444 SOUTHLAND DR
SS.MH.T0007379	C	20	8450 SOUTHLAND DR
SS.MH.T0007380	D	20	8450 SOUTHLAND DR
SS.MH.T0007381	B	20	414 CAMBRIDGE RD

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0007382	C	20	8470 WILKEN PLAZA
SS.MH.T0007383	C	20	8424 CAMBRIDGE RD
SS.MH.T0007384	B	20	8424 AMBRIDGE RD
SS.MH.T0007385	X	20	718 CAMBRIDGE RD
SS.MH.T0007386	B	20	718 CAMBRIDGE RD
SS.MH.T0007387	B	20	719 CAMBRIDGE RD
SS.MH.T0007388	B	20	8470 WILKEN PLAZA
SS.MH.T0007389	C	20	8429 CASTLETON WAY
SS.MH.T0007390	D	20	8429 CASTLETON WAY
SS.MH.T0007391	C	20	6523 ROCHESTER WAY
SS.MH.T0007392	B	20	816 WILDER WAY
SS.MH.T0007393	C	20	6526 ROCHESTER WAY
SS.MH.T0007394	C	20	6526 ROCHESTER WAY
SS.MH.T0007395	B	20	1008 WILDER WOODS
SS.MH.T0007396	B	20	1015 WILDER WAY
SS.MH.T0007403	D	20	816 WILDER WAY
SS.MH.T0007409	C	20	816 CUMBERLAND RD
SS.MH.T0007410	B	20	732 CUMBERLAND RD
SS.MH.T0007411	B	20	610 CUMBERLAND RD
SS.MH.T0007412	B	20	606 CUMBERLAND RD
SS.MH.T0007413	B	20	514 CUMBERLAND RD
SS.MH.T0007414	X	20	422 CUMBERLAND RD
SS.MH.T0007415	B	20	501 CUMBERLAND RD
SS.MH.T0007421	C	20	574 W CUMBERLAND RD
SS.MH.T0007422	C	20	901 WILDER WAY
SS.MH.T0007423	B	20	901 WILDER WAY
SS.MH.T0007424	B	20	775 WILDER WAY
SS.MH.T0007425	B	20	775 WILDER WAY
SS.MH.T0007426	B	20	1217 WILDER WAY
SS.MH.T0007427	C	20	1217 WILDER WAY
SS.MH.T0007429	C	20	1021 WILDER WAY
SS.MH.T0007430	C	20	533 WILDER WAY
SS.MH.T0007431	D	20	683 WILDER WAY
SS.MH.T0007432	C	20	418 WIDER WAY
SS.MH.T0007433	C	20	507 WILDER WAY
SS.MH.T0007434	D	20	7934 S BROADWAY AVE
SS.MH.T0007435	B	20	8643 RADCLIFFE DR
SS.MH.T0007436	D	20	8643 RADCLIFFE DR
SS.MH.T0007437	C	20	8643 RADCLIFFE DR
SS.MH.T0007438	A	20	8705 RADCLIFFE DR
SS.MH.T0007439	A	20	6527 ROCHESTER WAY
SS.MH.T0007440	X	20	8424 CAMBRIDGE RD
SS.MH.T0007441	C	20	8464 SOUTHLAND DR

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0007448	C	20	1217 WILDER WAY
SS.MH.T0007561	B	20	7283 ROLLING ACRES PL
SS.MH.T0007562	B	20	2552 GUINN FARMS RD
SS.MH.T0007563	B	20	7304 ROLLING ACRES PLACE
SS.MH.T0007564	C	20	7316 ROLLING ACRES PL
SS.MH.T0007565	B	20	7328 ROLLING ACRESS PLACE
SS.MH.T0007566	C	20	7340 ROLLING ACRES PLACE
SS.MH.T0007567	B	20	7352 ROLLING ACRES PLACE
SS.MH.T0007568	C	20	7340 HARVEST HILL DR
SS.MH.T0007569	B	20	7316 HARVEST HILL DR
SS.MH.T0007570	B	20	7311 HARVEST HILL DR
SS.MH.T0007571	B	20	7305 HARVEST HILL DR
SS.MH.T0007572	C	20	7234 MORNING MIST DR
SS.MH.T0007573	B	20	7234 MORNING MIST DR
SS.MH.T0007574	B	20	7210 MORNING MIST CT
SS.MH.T0007575	B	20	7312 MORNING MIST
SS.MH.T0007576	B	20	7300 MORNING MIST CT
SS.MH.T0007577	B	20	7276 MORNING MIST CT
SS.MH.T0007621	D	20	1111 CUMBERLNAD RD
SS.MH.T0007682	B	20	1111 CUMBERLAND RD
SS.MH.T0007683	C	20	9116 CHEROKEE TRL
SS.MH.T0007684	D	20	9116 CHEROKEE TRL
SS.MH.T0007713	D	20	602 WINDING BROOK LN
SS.MH.T0007714	C	20	506 SKIPPING STONE LN
SS.MH.T0007715	B	20	513 SKIPPING STONE LN
SS.MH.T0007716	B	20	513 SKIPPING STONE LN
SS.MH.T0007717	D	20	605 WINDING BROOK LN
SS.MH.T0007718	C	20	610 WINDING BROOK LN
SS.MH.T0007719	B	20	618 WINDING BROOK LN
SS.MH.T0007720	B	20	637 WINDING BROOK LN
SS.MH.T0007721	B	20	9415 CHEROKEE TRL
SS.MH.T0007722	B	20	9433 CHEROKEE TRL
SS.MH.T0007723	B	20	9437 CHEROKEE TRL
SS.MH.T0007724	B	20	1202 DREAM CATCHER
SS.MH.T0007725	B	20	9311 CHEROKEE TRL
SS.MH.T0007726	B	20	9205 CHEROKEE TRL
SS.MH.T0007729	B	20	9226 STONEBANK CROSSING
SS.MH.T0007730	B	20	9222 STONEBROOK CROSSING
SS.MH.T0007731	B	20	9214 STONE BANK CROSSING
SS.MH.T0007732	B	20	9195 TEAL FLIGHT WAY
SS.MH.T0007733	B	20	9189 TEAL FLIGHT WAY
SS.MH.T0007734	B	20	9174 TEAL FLIGHT WAY
SS.MH.T0007735	C	20	1111 CUMBERLAND RD

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0007736	D	20	1223 CUMBERLAND RD
SS.MH.T0007737	B	20	1315 CUMBERLAND RD
SS.MH.T0007738	B	20	1111 CUMBERLAND RD
SS.MH.T0007739	C	20	1401 CUMBERLAND RD
SS.MH.T0007864	X	20	1301 W CUMBERLAND RD
SS.MH.T0008035	B	20	1913 DEERBROOK DR
SS.MH.T0008036	A	20	1937 DEERBROOK DR
SS.MH.T0008047	B	20	NONE GRANDE BLVD
SS.MH.T0008048	B	20	NONE GRANDE BLVD
SS.MH.T0008049	C	20	NONE GRANDE BLVD
SS.MH.T0008050	A	20	NONE E GRANDE BLVD
SS.MH.T0008051	B	20	2037 DEERBROOK DR
SS.MH.T0008052	B	20	2159 DEERBROOK DR
SS.MH.T0008053	B	20	2233 DEERBROOK DR
SS.MH.T0008054	B	20	2233 DEERBROOK DR
SS.MH.T0008055	B	20	2233 DEERBROOK DR
SS.MH.T0008056	D	20	1502 E GRANDE BLVD
SS.MH.T0008057	C	20	1502 E GRANDE BLVD
SS.MH.T0008058	B	20	1343 E GRANDE BLVD
SS.MH.T0008059	C	20	1343 E GRANDE BLVD
SS.MH.T0008060	B	20	1136 E GRANDE BLVD
SS.MH.T0008061	B	20	1136 E GRANDE BLVD
SS.MH.T0008062	B	20	6435 PALUXY DR
SS.MH.T0008063	B	20	6435 PALUXY DR
SS.MH.T0008064	C	20	6435 PALUXY DR
SS.MH.T0008065	B	20	6435 PALUXY DR
SS.MH.T0008066	B	20	1838 SUSAN DR
SS.MH.T0008067	B	20	1824 SUSAN DR
SS.MH.T0008068	C	20	1731 SUSAN DR
SS.MH.T0008069	A	20	1710 SUSAN DR
SS.MH.T0008070	A	20	6425 CIRCLE DR
SS.MH.T0008071	D	20	1525 E GRANDE BLVD
SS.MH.T0008072	D	20	1343 E GRANDE BLVD
SS.MH.T0008073	C	20	1343 E GRANDE BLVD
SS.MH.T0008075	C	20	1343 E GRANDE BLVD
SS.MH.T0008100	B	20	2924 ROY RD
SS.MH.T0008101	C	20	2924 ROY RD
SS.MH.T0008102	C	20	2924 ROY RD
SS.MH.T0008103	C	20	14152 FM2964
SS.MH.T0008104	C	20	14228 FM 2964
SS.MH.T0008105	C	20	14228 FM2964
SS.MH.T0008167	A	20	6629 CIRCLE DR
SS.MH.T0008168	B	20	6713 CIRCLE DR

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0008169	B	20	1711 ANGY DR
SS.MH.T0008170	B	20	1726 ANGY DR
SS.MH.T0008171	B	20	1818 ANGY DR
SS.MH.T0008172	B	20	6807 CIRCLE DR
SS.MH.T0008173	B	20	1625 CIRCLE DR
SS.MH.T0008174	A	20	6827 CIRCLE DR
SS.MH.T0008175	B	20	1625 CIRCLE DR
SS.MH.T0008176	B	20	1714 CIRCLE DR
SS.MH.T0008177	C	20	8081 CIRCLE DR
SS.MH.T0008178	X	20	1925 NORTH DR
SS.MH.T0008179	B	20	1925 NORTH DR
SS.MH.T0008180	A	20	1906 NORTH DR
SS.MH.T0008181	B	20	1906 NORTH DR
SS.MH.T0008182	A	20	1937 NORTH DR
SS.MH.T0008183	A	20	2123 NORTH DR
SS.MH.T0008184	A	20	2159 NORTH DR
SS.MH.T0008185	B	20	811 JEFF DAVIS DR
SS.MH.T0008186	B	20	819 JEFF DAVIS DR
SS.MH.T0008187	B	20	921 JEFF DAVIS DR
SS.MH.T0008188	C	20	1115 JEFF DAVIS DR
SS.MH.T0008189	A	20	1211 JEFF DAVIS DR
SS.MH.T0008190	C	20	1211 JEFF DAVIS DR
SS.MH.T0008191	B	20	1409 JEFF DAVIS DR
SS.MH.T0008192	B	20	1515 JEFFDAVIS DR
SS.MH.T0008193	A	20	1617 JEFF DAVIS DR
SS.MH.T0008197	B	20	1703 JEFFDAVIS DR
SS.MH.T0008198	A	20	1717 JEFF DAVIS DR
SS.MH.T0008199	B	20	7015 PALUXY DR
SS.MH.T0008200	A	20	1816 JEFF DAVIS DR
SS.MH.T0008201	C	20	1819 JEFF DAVIS DR
SS.MH.T0008202	A	20	1630 JEB STUART DR
SS.MH.T0008203	B	20	1616JEB STUART DR
SS.MH.T0008204	B	20	1610 JEB STUART DR
SS.MH.T0008210	D	20	1306 JEB STUART DR
SS.MH.T0008211	D	20	2211 ROY RD
SS.MH.T0008212	B	20	6704 MANDY LN
SS.MH.T0008213	X	20	6724 MANDY LN
SS.MH.T0008214	C	20	2202 ROY RD
SS.MH.T0008215	B	20	2208 ROY RD
SS.MH.T0008216	B	20	2211 ROY RD
SS.MH.T0008217	B	20	2335 ROY RD
SS.MH.T0008218	D	20	2448 ROY RD
SS.MH.T0008224	B	20	2448 ROY RD

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0008225	B	20	2448 ROY RD
SS.MH.T0008226	A	20	2502 ROY RD
SS.MH.T0008227	B	20	2624 ROY RD
SS.MH.T0008228	X	20	2615 ROY RD
SS.MH.T0008229	A	20	2687 ROY RD
SS.MH.T0008230	C	20	2902 ROY RD
SS.MH.T0008231	B	20	2912 ROY RD
SS.MH.T0008344	A	20	2038 ROY RD
SS.MH.T0008345	B	20	ROY RD
SS.MH.T0008346	B	20	1926 ROY RD
SS.MH.T0008347	C	20	1926 ROY RD
SS.MH.T0008348	B	20	1926 ROY RD
SS.MH.T0008349	A	20	1926 ROY RD
SS.MH.T0008350	B	20	6818 PALUXY DR
SS.MH.T0008351	B	20	6928 PALUXY DR
SS.MH.T0008352	B	20	6928 PULUXY DR
SS.MH.T0008353	D	20	6928 PALUXY DR
SS.MH.T0008358	C	20	1204 JEFF DAVIS DR
SS.MH.T0008359	B	20	8158 GREER DR.
SS.MH.T0008360	B	20	8160 GREER DR.
SS.MH.T0008361	C	20	8160 GREER DR.
SS.MH.T0008362	X	20	1302 JEB STUART DR
SS.MH.T0008363	C	20	902 MCCLENNY DR.
SS.MH.T0008364	B	20	902 MCCLENNY DR.
SS.MH.T0008365	B	20	715 JEFFDAVIS DR
SS.MH.T0008366	C	20	800 MCCLENNY DR.
SS.MH.T0008367	B	20	8300 EL CERRITO PL.
SS.MH.T0008368	B	20	8300 EL CERRITO PL.
SS.MH.T0008369	B	20	8313 EL CERRITO PL.
SS.MH.T0008371	C	20	8300 GARRETT DR.
SS.MH.T0008372	C	20	8313 GARRETT DR.
SS.MH.T0008373	B	20	1017 MCCLENNY DR
SS.MH.T0008374	A	20	1017 MCCLENNY DR
SS.MH.T0008375	A	20	1017 MCCLENNY DR
SS.MH.T0008379	B	20	800 MARQUETTE LANE.
SS.MH.T0008380	B	20	8300 CASTLETON WAY.
SS.MH.T0008381	B	20	8379 CASTLETON WAY
SS.MH.T0008382	C	20	8387 CASTLETON WAY.
SS.MH.T0008383	C	20	8417 CASTLETON WAY.
SS.MH.T0008384	D	20	8425 CASTLETON WAY.
SS.MH.T0008385	C	20	8422 CASTLETON WAY.
SS.MH.T0008386	B	20	813 CAMBRIDGE BEND.
SS.MH.T0008387	C	20	821 CAMBRIDGE BEND.

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0008434	B	20	832 CAMBRIDGE BEND.
SS.MH.T0008435	B	20	908 CAMBRIDGE BEND.
SS.MH.T0008436	B	20	6309 ROCHESTER WAY.
SS.MH.T0008437	B	20	6320 ROCHESTER WAY.
SS.MH.T0008438	B	20	6446 ROCHESTER WAY.
SS.MH.T0008439	C	20	6459 ROCHESTER WAY.
SS.MH.T0008440	C	20	8500 CASTLETON WAY.
SS.MH.T0008441	C	20	6515 ROCHESTER WAY
SS.MH.T0008442	B	20	6519 ROCHESTER WAY
SS.MH.T0008443	B	20	8513 CASTLETON WAY.
SS.MH.T0008444	B	20	6567 WHEATON CT.
SS.MH.T0008445	B	20	6555 WHEATON CT.
SS.MH.T0008446	B	20	8535 CASTLETON WAY.
SS.MH.T0008447	B	20	6557 EMORY CT.
SS.MH.T0008448	B	20	6540 EMORY CT.
SS.MH.T0008449	B	20	8553 CASTLETON WAY.
SS.MH.T0008450	B	20	8559 CAMBRIDGE BEND.
SS.MH.T0008451	C	20	1203 CAMBRIDGE BEND.
SS.MH.T0008452	B	20	6566 FURMAN CT.
SS.MH.T0008453	B	20	6566 FURMAN CT.
SS.MH.T0008454	B	20	6578 FURMAN CT.
SS.MH.T0008455	B	20	1111 CAMBRIDGE BEND.
SS.MH.T0008457	C	20	1105 CAMBRIDGE BEND.
SS.MH.T0008458	B	20	1105 CAMBRIDGE BEND.
SS.MH.T0008459	B	20	1000 CAMBRIDGE BEND.
SS.MH.T0008460	B	20	6352 MANCHESTER CT.
SS.MH.T0008461	B	20	6300 OBERLIN CT.
SS.MH.T0008462	B	20	6355 OBERLIN CT.
SS.MH.T0008463	D	20	NONE OLD HICKORY RD
SS.MH.T0008464	B	20	NONE OLD HICKORY RD
SS.MH.T0008465	C	20	NONE OLD HICKORY RD
SS.MH.T0008466	C	20	1467 OLD CREEK DR
SS.MH.T0008467	C	20	9004 OLD HICKORY RD
SS.MH.T0008468	C	20	9004 OLD HICKORY RD
SS.MH.T0008469	C	20	9010 OLD HICKORY RD
SS.MH.T0008471	C	20	1443 OLD CREEK DR
SS.MH.T0008472	B	20	1395 OLD CREEK DR
SS.MH.T0008473	X	20	1395 OLD CREEK DR
SS.MH.T0008475	A	20	9115 OLD MICKORY RD
SS.MH.T0008476	B	20	9202 ELM TREE CIR
SS.MH.T0008477	C	20	9229 ELM TREE RD
SS.MH.T0008478	B	20	9241 ELM TREE CIR
SS.MH.T0008479	C	20	9241 ELM TREE CIR

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0008480	B	20	9132 ELM TREE CIR
SS.MH.T0008481	B	20	9108 ELM TREE CIR
SS.MH.T0008482	B	20	9062 ELM TREE CIR
SS.MH.T0008483	A	20	9018 ELM TREE CIR
SS.MH.T0008484	X	20	9033 ELM TREE CIR
SS.MH.T0008485	B	20	1528 CIMMARON TRL
SS.MH.T0008486	C	20	1602 CIMMARON TRL
SS.MH.T0008487	B	20	1602 CIMMARRON TRL
SS.MH.T0008548	C	20	1613 CIMMARRON TRL
SS.MH.T0008549	C	20	1621 CIMMARRON TRAIL
SS.MH.T0008550	B	20	1621 CIMMARON TRL
SS.MH.T0008551	A	20	9106 STONE CREEK
SS.MH.T0008552	B	20	1620 WILLOW BEND
SS.MH.T0008553	B	20	1613 TRAIL RIDGE
SS.MH.T0008554	B	20	9105 CANYON RD
SS.MH.T0008555	B	20	9117 CANYON RD
SS.MH.T0008556	C	20	1613 WILLOW BEND
SS.MH.T0008714	A	20	1630 WILLOW BEND
SS.MH.T0008715	B	20	1630 SKIDMORE LN
SS.MH.T0008716	B	20	1620 SKIDMORE LN
SS.MH.T0008717	B	20	1608 SKIDMORE LN
SS.MH.T0008718	A	20	1605 SKIDMORE LN
SS.MH.T0008719	B	20	1750 CENTENNIAL PWK
SS.MH.T0008720	A	20	1443 OLD HICKORY RD
SS.MH.T0008721	A	20	9163 COUNTY RD 1165
SS.MH.T0008722	B	20	7183 CHISHOLM TRL
SS.MH.T0008723	B	20	9183 CHISHOLM TRL
SS.MH.T0008724	B	20	1379 OLD HICKORY RD
SS.MH.T0008725	B	20	1261 OLD HICKORY RD
SS.MH.T0008726	B	20	9375 CHISHOLM TRL
SS.MH.T0008727	B	20	1201 BUFFALO TRL
SS.MH.T0008728	A	20	1215 BUFFALO TRL
SS.MH.T0008729	B	20	1255 BUFFALO TRL
SS.MH.T0008730	B	20	1255 BUFFALO TRL
SS.MH.T0008731	B	20	9191 CHISHOLM TRL
SS.MH.T0008732	D	20	9218 CHISHOLM TRL
SS.MH.T0008733	B	20	9243 CHISHOLM TRL
SS.MH.T0008734	B	20	9243 CHISHOLM TRL
SS.MH.T0008735	B	20	9285 CHISHOLM TRL
SS.MH.T0008736	B	20	9285 CHISHOLM TRL
SS.MH.T0008737	B	20	9301 CHISHOLM TRL
SS.MH.T0008738	B	20	9334 CHISHOLM TRL
SS.MH.T0008739	B	20	9399 CHISHOLM TRL

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0008740	A	20	1305 LUANN LN
SS.MH.T0008741	B	20	1379 LUANN LN
SS.MH.T0008742	B	20	1423 LUANN LN
SS.MH.T0008743	D	20	1504 LUANN LN
SS.MH.T0008744	B	20	1504 LUANN LN
SS.MH.T0008745	A	20	9141 CHISHOLM TRL
SS.MH.T0008746	B	20	1527 LUANN LN
SS.MH.T0008747	B	20	1509 SANTA FE TRL
SS.MH.T0008748	C	20	1423 SANTA FE TRL
SS.MH.T0008749	B	20	1305 SANTA FE TRL
SS.MH.T0008750	B	20	1266 SANTA FE TRL
SS.MH.T0008751	X	20	9243COUNTY RD 1165
SS.MH.T0008752	B	20	1533 SKIDMORE LN
SS.MH.T0008753	B	20	1613 LEGACY DR
SS.MH.T0008754	B	20	1221 SANTE FE TRL
SS.MH.T0008760	D	20	9094 STONE CREEK DR
SS.MH.T0008761	D	20	9094 STONE CREEK DR
SS.MH.T0008762	D	20	9141 PALUXY DR
SS.MH.T0008763	B	20	9141 PALUXY DR
SS.MH.T0008764	D	20	1628 WILLOW BEND
SS.MH.T0008765	B	20	1628 WILLOW BEND
SS.MH.T0008768	C	20	1545 CUMBERLAND RD
SS.MH.T0008776	B	20	1502 CUMBERLAND RD
SS.MH.T0008777	B	20	1502 CUMBERLAND RD
SS.MH.T0008778	C	20	1502 WILANA DR
SS.MH.T0008779	B	20	1502 WILANA DR
SS.MH.T0008780	B	20	1516 WILANA DR
SS.MH.T0008781	B	20	1534 WILANA DR
SS.MH.T0008782	D	20	1502 CUMBERLAND RD
SS.MH.T0008783	A	20	NONE WILDER TRL
SS.MH.T0008784	C	20	NONE WILDER TRL
SS.MH.T0008785	C	20	1308 CUMBERLAND RD
SS.MH.T0008786	B	20	1308 CUMBERLAND RD
SS.MH.T0008787	C	20	1418 CUMBERLAND RD
SS.MH.T0008788	B	20	1418 CUMBERLAND RD
SS.MH.T0008789	B	20	NONE WILMER TRL
SS.MH.T0008790	B	20	NONE WILDER TRL
SS.MH.T0008791	C	20	NONE WILDER TRL
SS.MH.T0008792	C	20	NONE WILDER TRL
SS.MH.T0008793	B	20	NONE WILDER TRL
SS.MH.T0008794	B	20	NONE WILDER TRL
SS.MH.T0008795	C	20	NONE WILDER TRL
SS.MH.T0008796	D	20	NONE WILDER TRL

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0008797	B	20	1111 CUMBERLAND RD
SS.MH.T0008798	C	20	1111 CUMBERLAND RD
SS.MH.T0008799	C	20	1516 WILANA DR
SS.MH.T0008800	B	20	1516 WILANA DR
SS.MH.T0008843	C	20	107 MARKET SQUARE BLVD
SS.MH.T0008844	C	20	151 MARKET SQUARE BLVD
SS.MH.T0008845	B	20	151 MARKET SQUARE BLVD
SS.MH.T0008847	C	20	NONE MARKET SQUARE BLVD
SS.MH.T0008848	A	20	NONE MARKET SQUARE BLVD
SS.MH.T0008849	B	20	NONE MARKET SQUARE BLVD
SS.MH.T0008850	A	20	151 MARKET SQUARE BLVD
SS.MH.T0008890	B	20	NONE CENTENNIAL PKWY
SS.MH.T0008891	B	20	NONE CENTENNIAL PKWY
SS.MH.T0008892	B	20	8942 S BROADWAY AVE
SS.MH.T0008893	B	20	172 CENTENNIAL PKWY
SS.MH.T0008894	B	20	172 CENTENNIAL PKWY
SS.MH.T0008895	B	20	172 CENTENNIAL PKWY
SS.MH.T0008896	B	20	172 CENTENNIAL PKWY
SS.MH.T0008897	B	20	172 CENTENNIAL PKWY
SS.MH.T0008898	B	20	NONE CENTENNIAL PKWY
SS.MH.T0008899	B	20	NONE CENTENNIAL PKWY
SS.MH.T0008900	B	20	NONE CENTENNIAL PKWY
SS.MH.T0008901	B	20	8668 S BROADWAY AVE
SS.MH.T0008902	B	20	8668 S BROADWAY AVE
SS.MH.T0008903	B	20	8942 S BROADWAY AVE
SS.MH.T0008904	B	20	8942 S BROADWAY AVE
SS.MH.T0008905	B	20	8942 S BROADWAY AVE
SS.MH.T0008906	B	20	8942 S BROADWAY AVE
SS.MH.T0008907	B	20	8922 S BROADWAY AVE
SS.MH.T0008908	B	20	8970 S BROADWAY AVE
SS.MH.T0008909	B	20	8970 S BROADWAY AVE
SS.MH.T0008910	B	20	8970 S BROADWAY AVE
SS.MH.T0008911	A	20	8970 S BROADWAY AVE
SS.MH.T0008912	C	20	8966 S BROADWAY AVE
SS.MH.T0008913	C	20	8966 S BROADWAY AVE
SS.MH.T0008914	C	20	8970 S BROADWAY AVE
SS.MH.T0008915	B	20	8970 S BROADWAY AVE
SS.MH.T0008916	C	20	8970 S BROADWAY AVE
SS.MH.T0008917	B	20	8970 S BROADWAY AVE
SS.MH.T0008918	B	20	8926 S BROADWAY AVE
SS.MH.T0008919	B	20	8926 S BROADWAY AVE
SS.MH.T0008920	C	20	8938 S BROADWAY AVE
SS.MH.T0008921	B	20	8926 S BROADWAY AVE

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0008922	B	20	8930 S BROADWAY AVE
SS.MH.T0008923	C	20	8926 S BROADWAY AVE
SS.MH.T0008924	B	20	8934 S BROADWAY AVE
SS.MH.T0008925	B	20	172 CENTENNIAL PKWY
SS.MH.T0008926	B	20	172 CENTENNIAL PKWY
SS.MH.T0008927	A	20	8668 S BROADWAY AVE
SS.MH.T0008928	D	20	100 CUMBERLAND RD
SS.MH.T0008929	C	20	314 WILDERWAY
SS.MH.T0008930	C	20	314 WILDER WAY
SS.MH.T0008931	c	20	332 WILDER WAY
SS.MH.T0008932	X	20	172 CENTENNIAL PKWY
SS.MH.T0009169	A	20	6566 FURMAN CT
SS.MH.T0009208	B	20	2525 ROY RD
SS.MH.T0009209	B	20	2525 ROY RD
SS.MH.T0009250	B	20	7200 PALUXY DR
SS.MH.T0009251	C	20	2525 ROY RD
SS.MH.T0009253	B	20	7234 MORNING MIST DR
SS.MH.T0009254	B	20	NONE PARKHILL AVE
SS.MH.T0009255	B	20	2959 GUINN FARM RD
SS.MH.T0009256	C	20	2857 GUINN FARM RD
SS.MH.T0009290	X	20	8618 S BROADWAY AVE
SS.MH.T0009473	X	20	8323 EL CERRITO DR.
SS.MH.T0009535	D	20	1009 JEFFERY DR
SS.MH.T0009536	D	20	1017 DAVID DR.
SS.MH.T0009537	D	20	1009 ELAINE DR.
SS.MH.T0009589	X	20	8204 CROOKED TRL
SS.MH.T0009590	X	20	8302 CROOKED TRL
SS.MH.T0009591	X	20	8105 CROOKED TRL
SS.MH.T0009592	X	20	8311 CROOKED TRL
SS.MH.T0009593	B	20	8306 CROOKED TRL
SS.MH.T0009687	D	20	1227 RAINMAKER
SS.MH.T0009693	X	20	413 W CUMBERLAND RD
SS.MH.T0009694	A	20	413 CUMBERLAND DR
SS.MH.T0009740	D	20	1234 DREAMCATCHER
SS.MH.T0009742	D	20	615 POTOMAC DR
SS.MH.T0009748	D	20	2744 GUINN FARMS RD
SS.MH.T0009749	A	20	7258 MORNING MIST
SS.MH.T0009750	D	20	7252 MORNING MIST DR
SS.MH.T0009760	D	20	525 WINDING BROOK LN
SS.MH.T0009761	D	20	533 SKIPPING STONE LN
SS.MH.T0009762	B	20	9177 TEAL FLIGHT WAY
SS.MH.T0009763	A	20	9239 STONEBANK CROSSING
SS.MH.T0009764	D	20	1401 CUMBERLAND RD

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0009792	B	20	1901 DEERBROOK DR
SS.MH.T0009793	B	20	NONE E GRANDE BLVD
SS.MH.T0009794	X	20	NONE E GRANDE BLVD
SS.MH.T0009805	D	20	1821 ANGY DR
SS.MH.T0009806	D	20	1820 CIRCLE DR
SS.MH.T0009808	C	20	2136 ROY RD
SS.MH.T0009809	B	20	8329 EL CERRITO PL.
SS.MH.T0009810	A	20	8329 GARRETT RD.
SS.MH.T0009812	D	20	930 CAMBRIDGE BEND.
SS.MH.T0009813	A	20	924 CAMBRIDGE BEND.
SS.MH.T0009814	D	20	6363 OBERLIN CT.
SS.MH.T0009815	D	20	836 CAMBRIDGE BEND.
SS.MH.T0009816	D	20	6510 ROCHESTER WAY
SS.MH.T0009817	A	20	8517 CASTLETON WAY.
SS.MH.T0009818	D	20	6547 WHEATON CT.
SS.MH.T0009819	D	20	8523 CASTLETON WAY.
SS.MH.T0009833	C	20	1239 LUANN LN
SS.MH.T0009834	B	20	1535 LUANN LN
SS.MH.T0009835	D	20	1535 LUANN LN
SS.MH.T0009836	B	20	1379 SANTA FE TRL
SS.MH.T0009837	B	20	1347 SANTA FE TRL
SS.MH.T0009838	B	20	1612 LEGACY DR
SS.MH.T0009839	C	20	1516 CUMBERLAND RD
SS.MH.T0009840	B	20	1525 WILANA DR
SS.MH.T0009841	A	20	1534 WILANA DR
SS.MH.T0009842	B	20	NONE WILDER TRL
SS.MH.T0009843	D	20	1111 CUMBERLAND RD
SS.MH.T0009873	D	20	9873 STONEBANK CROSSING
SS.MH.T0009874	X	20	9326 STONEBANK CROSSING
SS.MH.T0009875	X	20	8339 GARRETT RD.
SS.MH.T0009900	B	20	3203 E GRANDE BLVD
SS.MH.T0009973	D	20	704 W CUMBERLAND RD
SS.MH.T0010154	X	20	1012 BETH DR.
SS.MH.T0010336	D	20	8436 LAKEWAY DR
SS.MH.T0010354	D	20	8411 CROOKED TRL
SS.MH.T0010355	B	20	8415 CROOKED TRL
SS.MH.T0010356	B	20	8505 CROOKED TRL
SS.MH.T0010357	D	20	8389 S BROADWAY AVE
SS.MH.T0010363	A	20	5801 THOMPSON PL
SS.MH.T0010364	D	20	5847 GRACE AVE
SS.MH.T0010365	B	20	5939 GRACE AVE
SS.MH.T0010366	A	20	2512 GUINN FARMS RD
SS.MH.T0010367	A	20	2516 GUINN FARMS RD

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0010368	A	20	2508 MEADOWGLEN CT
SS.MH.T0010369	A	20	2563 MEADOWLAND CT
SS.MH.T0010370	D	20	2559 MEADOWLAND CT
SS.MH.T0010377	D	20	2448 ROY RD
SS.MH.T0010394	D	20	501 CUMBERLAND RD
SS.MH.T0010395	D	20	1127 WILDER WAY
SS.MH.T0010396	X	20	1127 WILDER WAY
SS.MH.T0010397	X	20	7918 S BROADWAY AVE
SS.MH.T0010398	X	20	8524 RADCLIFFE DR
SS.MH.T0010399	D	20	8524 RADCLIFFE DR
SS.MH.T0010400	X	20	8502 AUBURN DR
SS.MH.T0010442	D	20	819 MARQUETTE LANE.
SS.MH.T0010443	D	20	803 MARQUETTE LANE.
SS.MH.T0010444	D	20	820 NEWBURY CT.
SS.MH.T0010445	D	20	6527 ROCHESTER WAY
SS.MH.T0010446	D	20	6522 EMORY CT.
SS.MH.T0010447	X	20	NONE E GRANDE BLVD
SS.MH.T0010448	X	20	NONE E GRANDE BLVD
SS.MH.T0010449	B	20	2136 DEERBROOK DR
SS.MH.T0010450	C	20	2147 DEERBROOK DR
SS.MH.T0010451	A	20	1510 E GRANDE BLVD
SS.MH.T0010452	X	20	1722 SUSAN DR
SS.MH.T0010456	D	20	6525 RHONES QUARTER RD
SS.MH.T0010461	B	20	2025 NORTH DR
SS.MH.T0010462	A	20	2037 NORTH DR
SS.MH.T0010463	B	20	6811 MANDY LN
SS.MH.T0010464	D	20	707 JEFF DAVIS DR
SS.MH.T0010465	A	20	1315 JEFF DAVIS DR
SS.MH.T0010466	A	20	1405 JEFF DAVIS DR
SS.MH.T0010467	D	20	1616 JEB STUART DR
SS.MH.T0010468	D	20	1630 JEB STUART DR
SS.MH.T0010470	B	20	7015 PALUXY DR
SS.MH.T0010471	D	20	2211 ROY RD
SS.MH.T0010472	C	20	2816 ROY RD
SS.MH.T0010476	D	20	1197 CAMBRIDGE BEND.
SS.MH.T0010477	D	20	6596 FURMAN CT.
SS.MH.T0010478	D	20	1190 CAMBRIDGE BEND.
SS.MH.T0010479	D	20	6368 MANCHESTER CT.
SS.MH.T0010480	A	20	1467 OLD CREEK DR
SS.MH.T0010481	C	20	9164 COUNTY RD 1165
SS.MH.T0010482	A	20	9164 OLD HICKORY RD
SS.MH.T0010486	D	20	9102 STONE CREEK TRL
SS.MH.T0010487	B	20	1625 WILLOW BEND

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0010488	D	20	1625 WILLOW BEND
SS.MH.T0010495	B	20	1649 SKIDMORE LN
SS.MH.T0010496	C	20	1616 SKIDMORE LN
SS.MH.T0010497	C	20	1710 SKIDMORE LN
SS.MH.T0010498	A	20	1445 OLD HICKORY RD
SS.MH.T0010499	A	20	1347 OLD HICKORY RD
SS.MH.T0010500	A	20	1327 OLD HICKORY RD
SS.MH.T0010501	A	20	1235 BUFFALO TRL
SS.MH.T0010502	A	20	1245BUFFALO TRL
SS.MH.T0010503	D	20	1221 LUANN LN
SS.MH.T0010515	D	20	8966 S BROADWAY AVE
SS.MH.T0010516	D	20	NONE WILDER WAY
SS.MH.T0010517	X	20	8668 S BROADWAY AVE
SS.MH.T0010533	A	20	2525 ROY RD
SS.MH.T0013024	C	20	7925 S BROADWAY AVE
SS.MH.T0013025	B	20	7925 S BROADWAY AVE
SS.MH.T0013026	B	20	7925 S BROADWAY AVE
SS.MH.T0013027	X	20	7925 S BROADWAY AVE
SS.MH.T0013028	B	20	7925 S BROADWAY AVE
SS.MH.T0013092	B	20	8148 GREER DR.
SS.MH.T0013093	B	20	921 JOEL DR.
SS.MH.T0013095	A	20	2120 BRANDON DR
SS.MH.T0013349	D	20	9210 STONEBANK CROSSING
SS.MH.T0013357	C	20	9344 STONEBANK CROSSING
SS.MH.T0013368	A	20	8462 PALUXY DR
SS.MH.T0013369	A	20	8332 PALUXY DR
SS.MH.T0013371	B	20	6047 GRACE AVE
SS.MH.T0013375	B	20	8332 PALUXY DR
SS.MH.T0013489	D	20	9010 OLD HICKORY RD
SS.MH.T0013675	B	20	921 PAM DR.
SS.MH.T0013681	C	20	1510 E GRANDE BLVD
SS.MH.T0013779	D	20	9374 STONEBANK CROSSING
SS.MH.T0013780	B	20	9374 TEAL FLIGHT WAY
SS.MH.T0013781	B	20	9356 STONE BANK CROSSING
SS.MH.T0013782	B	20	9344 STONEBANK CROSSING
SS.MH.T0013783	B	20	9180 EDDY WATER CIR
SS.MH.T0013784	B	20	9123 EDDY WATER CIR
SS.MH.T0013785	B	20	9321 STONEBANK CROSSING
SS.MH.T0013786	B	20	9321 STONEBANK CROSSING
SS.MH.T0013787	B	20	9390 TEAL FLIGHT WAY
SS.MH.T0013788	B	20	9390 TEAL FLIGHT WAY
SS.MH.T0013789	B	20	9140 TEAL FLIGHT WAY
SS.MH.T0013790	A	20	9153 TEAL FLIGHT WAY

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0013791	A	20	9114 EDDY WATER CIR
SS.MH.T0013805	D	20	739 CAMBRIDGE BEND CIR
SS.MH.T0013806	D	20	627 CAMBRIDGE BEND CIR
SS.MH.T0013807	D	20	617 CAMBRIDGE BEND CIR
SS.MH.T0013808	B	20	749 CAMBRIDGE BEND CIR
SS.MH.T0013809	C	20	727 CAMBRIDGE BEND CIR
SS.MH.T0013810	C	20	703 CAMBRIDGE BEND CIR
SS.MH.T0013811	C	20	631 CAMBRIDGE BEND CIR
SS.MH.T0013812	B	20	613 CAMBRIDGE BEND CIR
SS.MH.T0013813	B	20	621 CAMBRIDGE BEND CIR
SS.MH.T0013814	X	20	647 CAMBRIDGE BEND CIR
SS.MH.T0013937	B	20	2102 BRANDON DR
SS.MH.T0013989	X	20	9285 CHISHOLM TRL
SS.MH.T0014132	A	20	7925 S BROADWAY AVE
SS.MH.T0014401	B	20	9025 LONGBRANCH
SS.MH.T0014402	B	20	500 BLK MARSH FARM RD
SS.MH.T0014403	X	20	9075 LONG BRANCH
SS.MH.T0014404	B	20	9075 LONGBRANCH
SS.MH.T0014405	B	20	NONE LONGBRANCH
SS.MH.T0014406	X	20	9100 BLK LONGBRANCH
SS.MH.T0014407	C	20	9163 LONG BRANCH
SS.MH.T0014408	B	20	9163 LONGBRANCH
SS.MH.T0014409	B	20	551 MARCH FARM RD
SS.MH.T0014410	B	20	700 MARSH FARM RD
SS.MH.T0014411	C	20	700 MARSH FARM RD
SS.MH.T0014412	C	20	700 BLK MARSH FARM RD
SS.MH.T0014413	B	20	9157 CAVE BRANCH COVE
SS.MH.T0014414	B	20	9050 SHALLOH CV
SS.MH.T0014415	A	20	9169 CAVE BRANCH COVE
SS.MH.T0014461	B	20	1527 SKIDMORE LN
SS.MH.T0014462	A	20	1600 CENTENNIAL PKWY
SS.MH.T0014463	B	20	1600 CENTENNIAL PKWY
SS.MH.T0014464	C	20	1600 CENTENNIAL PKWY
SS.MH.T0014465	C	20	1676 LEGACY DR
SS.MH.T0014466	B	20	1700BLK CENTENNIAL PWKY
SS.MH.T0014467	B	20	1700BLK CENTENNIAL PKWY
SS.MH.T0014468	B	20	1673 LEGACY DR
SS.MH.T0014469	D	20	1653 LEGACY DR
SS.MH.T0014470	D	20	1649 LEGACY DR
SS.MH.T0014471	B	20	1637 LEGACY DR
SS.MH.T0014472	A	20	1613 LEGACY DR
SS.MH.T0014473	B	20	1613 LEGACY DR
SS.MH.T0014482	D	20	620 W CUMBERLAND RD

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0014545	C	20	304 CAMBRIDGE COVE.
SS.MH.T0014546	X	20	701 CAMBRIDGE COVE.
SS.MH.T0014547	B	20	8454 WILKEN PLAZA
SS.MH.T0014548	A	20	8434 WILKEN PLAZA
SS.MH.T0014583	B	20	NONE BARBEE RD
SS.MH.T0014584	B	20	NONE BARBEE RD
SS.MH.T0014585	A	20	NONE BARBEE RD
SS.MH.T0014586	D	20	14600 COUNTY RD 2191
SS.MH.T0014587	B	20	NONE BARBEE RD
SS.MH.T0014588	A	20	NONE BARBEE RD
SS.MH.T0014589	D	20	NONE BARBEE RD
SS.MH.T0014590	A	20	3902 E GRANDE BLVD
SS.MH.T0014591	B	20	3502 E GRANDE BLVD
SS.MH.T0014592	B	20	3203 E GRANDE BLVD
SS.MH.T0014593	B	20	1016 ELAINE DR.
SS.MH.T0014594	B	20	3203 E GRANDE BLVD
SS.MH.T0014595	B	20	3203 E GRANDE BLVD
SS.MH.T0014596	D	20	3203 E GRANDE BLVD
SS.MH.T0014597	C	20	14600 OSCAR BURKETT RD
SS.MH.T0014598	C	20	14600 COUNTY RD 2191
SS.MH.T0014599	B	20	14600 COUNTY RD 2191
SS.MH.T0014600	B	20	14584 COUNTY RD 2191
SS.MH.T0014601	C	20	14584 COUNTY RD 2191
SS.MH.T0014612	C	20	NONE E GRANDE BLVD
SS.MH.T0014613	X	20	NONE E GRANDE BLVD
SS.MH.T0014614	B	20	NONE E GRANDE BLVD
SS.MH.T0014615	B	20	NONE E GRANDE BLVD
SS.MH.T0014616	C	20	NONE E GRANDE BLVD
SS.MH.T0014617	D	20	NONE GRANDE BLVD
SS.MH.T0014618	C	20	NONE GRANDE BLVD
SS.MH.T0014619	C	20	NONE E GRANDE BLVD
SS.MH.T0014620	B	20	NONE E GRANDE BLVD
SS.MH.T0014633	X	20	NONE E GRANDE BLVD
SS.MH.T0014634	X	20	NONE E GRANDE BLVD
SS.MH.T0014635	A	20	NONE E GRANDE BLVD
SS.MH.T0014637	X	20	NONE E GRANDE BLVD
SS.MH.T0014638	X	20	NONE E GRANDE BLVD
SS.MH.T0014639	X	20	NONE E GRANDE BLVD
SS.MH.T0014699	B	20	2835 GUINN FARMS
SS.MH.T0014846	B	20	8227 PURDUE DR.
SS.MH.T0015235	D	20	NONE COVENTRY PKWY
SS.MH.T0015420	A	20	1906 NORTH DR
SS.MH.T0015423	B	20	NONE CENTENNIAL PKWY

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0015425	B	20	2211 ROY RD
SS.MH.T0015427	B	20	2525 ROY RD
SS.MH.T0015428	A	20	2448 ROY RD
SS.MH.T0015429	B	20	2525 ROY RD
SS.MH.T0015430	A	20	2525 ROY RD
SS.MH.T0015431	B	20	6435 PALUXY DR
SS.MH.T0015435	B	20	6393 PALUXY DR
SS.MH.T0015441	C	20	6351 PALUXY DR
SS.MH.T0015442	B	20	700 BLK MARSH FARM RD
SS.MH.T0015443	B	20	700 BLK MARSH FARM RD
SS.MH.T0015444	A	20	700 BLK MARSH FARM RD
SS.MH.T0015445	B	20	NONE CADDO RIDGE
SS.MH.T0015446	A	20	NONE CADDO RIDGE
SS.MH.T0015447	A	20	NONE CADDO RIDGE
SS.MH.T0015448	A	20	700 BLK MARSH FARM RD
SS.MH.T0015449	A	20	700 BLK MARSH FARM RD
SS.MH.T0015450	A	20	NONE CADDO RIDGE
SS.MH.T0015451	C	20	700 BLK MARSH FARM RD
SS.MH.T0015452	B	20	NONE CADDO RIDGE
SS.MH.T0015453	B	20	NONE CADDO RIDGE
SS.MH.T0015454	B	20	9356 STONEBANK CROSSING
SS.MH.T0015455	C	20	9356 STONEBANK CROSSING
SS.MH.T0015457	B	20	551 MARCH FARM RD
SS.MH.T0015458	B	20	551 MARCH FARM RD
SS.MH.T0015459	B	20	551 MARCH FARM RD
SS.MH.T0015461	B	20	7283 ROLLING ACRES PL
SS.MH.T0015462	B	20	7283 ROLLING ACRES PL
SS.MH.T0015463	B	20	7283 ROLLING ACRES PL
SS.MH.T0015464	B	20	7283 ROLLING ACRES PL
SS.MH.T0015467	A	20	8374 PALUXY DR
SS.MH.T0015474	B	20	6566 FURMAN CT
SS.MH.T0015475	B	20	6566 FURMAN CT
SS.MH.T0015485	A	20	7920 CROOKED TRL
SS.MH.T0015486	A	20	7920 CROOKED TRL
SS.MH.T0015487	A	20	7920 CROOKED TRL
SS.MH.T0015488	A	20	7920 CROOKED TRL
SS.MH.T0015489	D	20	7920 CROOKED TRL
SS.MH.T0015490	C	20	7920 CROOKED TRL
SS.MH.T0015491	B	20	7920 CROOKED TRL
SS.MH.T0015492	A	20	7920 CROOKED TRL
SS.MH.T0015493	B	20	7927 CROOKED TRL
SS.MH.T0015494	A	20	7915 CROOKED TRL
SS.MH.T0015495	B	20	7923 CROOKED TRL

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0015496	B	20	7927 CROOKED TRL
SS.MH.T0015500	A	20	7200 PALUXY DR
SS.MH.T0015501	C	20	7200 PALUXY DR
SS.MH.T0015502	A	20	8380 FM 756
SS.MH.T0015503	X	20	8380 FM 756
SS.MH.T0015504	A	20	1925 BRANDON DR
SS.MH.T0015505	A	20	2102 BRANDON DR
SS.MH.T0015506	C	20	8420 WILKEN PLAZA
SS.MH.T0015507	C	20	639 CAMBRIDGE BEND CIR
SS.MH.T0015508	D	20	1502 W CUMBERLAND RD
SS.MH.T0015509	B	20	1518 E GRANDE BLVD
SS.MH.T0015510	B	20	3203 E GRANDE BLVD
SS.MH.T0015511	B	20	3203 E GRANDE BLVD
SS.MH.T0015512	A	20	3203 E GRANDE BLVD
SS.MH.T0015518	B	20	413 W CUMBERLAND RD
SS.MH.T0015522	B	20	8005 CROOKER TRL
SS.MH.T0015524	B	20	413 CUMBERLAND RD
SS.MH.T0015525	D	20	413 CUMBERLAND DR
SS.MH.T0015528	D	20	8429 CASTLETON WAY
SS.MH.T0015529	C	20	8429 CASTLETON WAY
SS.MH.T0015535	B	20	8112 CROOKED TRL
SS.MH.T0015536	A	20	8112 CROOKED TRL
SS.MH.T0015626	D	20	9116 CHEROKEE TRL
SS.MH.T0015627	C	20	1516 WILANA DR
SS.MH.T0015650	C	20	14600 COUNTY RD 2191
SS.MH.T0015651	C	20	14600 COUNTY RD 2191
SS.MH.T0015652	C	20	14600 COUNTY RD
SS.MH.T0015653	C	20	14600 COUNTY RD 2191
SS.MH.T0015654	C	20	14600 COUNTY RD 2191
SS.MH.T0015656	A	20	2924 ROY RD
SS.MH.T0015666	C	20	1136 E GRANDE BLVD
SS.MH.T0015667	C	20	6127 NEW COPELAND RD
SS.MH.T0015682	B	20	574 W CUMBERLAND RD
SS.MH.T0000275	D	21	3627 RIVER OAKS CT.
SS.MH.T0000276	B	21	3730 LONG LEAF DR.
SS.MH.T0000277	B	21	3802 LONG LEAF DR.
SS.MH.T0000278	B	21	3718 LONG LEAF DR.
SS.MH.T0000280	C	21	3204 PEBBLEBROOK CIR
SS.MH.T0000281	B	21	3308 PEBBLE BROOK DR
SS.MH.T0000335	C	21	2800 ANITA LANE.
SS.MH.T0000392	B	21	3308 LEXINGTON DR
SS.MH.T0000393	B	21	3404 LEXINGTON DR
SS.MH.T0000620	C	21	3201 PATRIOT AVE.

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0000637	B	21	3824 BROADMOORE CT.
SS.MH.T0000638	B	21	3851 BROADMOORE CT.
SS.MH.T0000639	B	21	3849 BROADMOORE CT.
SS.MH.T0000640	B	21	3738 WOODS BLVD.
SS.MH.T0000641	B	21	3802 WOODS BLVD.
SS.MH.T0000642	B	21	3806 WOODS BLVD.
SS.MH.T0000643	B	21	3807 WOODS BLVD.
SS.MH.T0000644	B	21	3815 WOODS BLVD.
SS.MH.T0000645	B	21	3814 WOODS BLVD.
SS.MH.T0000646	B	21	3826 WOODS BLVD.
SS.MH.T0000647	B	21	3746 WINDING WAY.
SS.MH.T0000648	B	21	3721 WINDING WAY.
SS.MH.T0000689	X	21	4211 LAZY CREEK DR
SS.MH.T0000742	B	21	3702 LAZY CREEK DR
SS.MH.T0000842	B	21	4213 FILLBROOK LN
SS.MH.T0000843	C	21	4005 CHAPEL WOODS BLVD
SS.MH.T0000886	X	21	3201 PATRIOT AVE.
SS.MH.T0004205	C	21	2800 EMILY LANE.
SS.MH.T0005258	X	21	3601 OAK KNOLL DR.
SS.MH.T0005260	B	21	3109 LAKE FOREST DR.
SS.MH.T0005261	B	21	3601 OAK KNOLL DR.
SS.MH.T0005262	B	21	3405 OAK KNOLL DR.
SS.MH.T0005562	B	21	3650 OAK LEAF CIR.
SS.MH.T0005563	D	21	3388 BRIDGEWOOD TRAIL
SS.MH.T0005564	B	21	3311 PINECREEK DR
SS.MH.T0005565	X	21	4013 LAZY CREEK DR
SS.MH.T0006002	B	21	3301 OAK KNOLL DR.
SS.MH.T0006003	B	21	3310 OAK VILLAGE DR.
SS.MH.T0006004	B	21	3602 ROCK CREEK DR.
SS.MH.T0006005	B	21	3504 ROCK CREEK DR.
SS.MH.T0006006	B	21	3701 OAK KNOLL DR.
SS.MH.T0006007	B	21	3709 LAKE FOREST DR.
SS.MH.T0006008	C	21	3614 ROCK CREEK DR.
SS.MH.T0006009	C	21	3615 RIVER OAKS CT.
SS.MH.T0006010	B	21	3623 RIVER OAKS CT.
SS.MH.T0006011	C	21	3627 RIVER OAKS CT.
SS.MH.T0006012	C	21	3610 WOODS BLVD.
SS.MH.T0006013	C	21	3510 WOODS BLVD.
SS.MH.T0006014	C	21	3605 LONG LEAF DR.
SS.MH.T0006015	C	21	3610 LONG LEAF DR.
SS.MH.T0006016	C	21	3610 LONG LEAF DR.
SS.MH.T0006017	A	21	3525 WOOD BLVD
SS.MH.T0006018	B	21	3529 WOODS BLVD.

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0006019	B	21	3537 WOODS BLVD.
SS.MH.T0006020	B	21	3601 WOODS BLVD.
SS.MH.T0006021	B	21	3626 FLAGSTONE DR.
SS.MH.T0006022	B	21	3606 BROOKVIEW CT.
SS.MH.T0006023	C	21	3610 BROOKVIEW CT.
SS.MH.T0006027	B	21	3615 OAK LEAF CR.
SS.MH.T0006028	B	21	3626 OAK LEAF CIR.
SS.MH.T0006029	C	21	3634 OAK LEAF CIR.
SS.MH.T0006030	B	21	3734 LONG LEAF DR.
SS.MH.T0006031	B	21	3621 WOODS BLVD.
SS.MH.T0006032	B	21	3609 WOODS BLVD.
SS.MH.T0006033	B	21	3603 OAK LEAF CR.
SS.MH.T0006034	B	21	3633 RIVER OAKS CT.
SS.MH.T0006036	B	21	3633 ROCK CREEK DR.
SS.MH.T0006037	X	21	3638 ROCK CREEK DR.
SS.MH.T0006040	B	21	4104 PINECREEK DR
SS.MH.T0006041	B	21	4008 PINECREEK DR
SS.MH.T0006042	B	21	3404 STOREY LAKE DR
SS.MH.T0006043	C	21	4004 PINECREEK
SS.MH.T0006044	B	21	4004 PINECREEK DR
SS.MH.T0006045	B	21	3407 PINECREEK DR
SS.MH.T0006046	B	21	NONE LAKEFOREST DR
SS.MH.T0006049	B	21	3800 BLK. LAKE FOREST DR.
SS.MH.T0006050	C	21	3805 LAKE FOREST DR.
SS.MH.T0006051	D	21	2500 CALLOWAY RD
SS.MH.T0006052	B	21	2500 CALLOWAY RD
SS.MH.T0006053	C	21	2504 CALLOWAY RD
SS.MH.T0006055	D	21	2605 CALLOWAY RD
SS.MH.T0006056	C	21	2605 CALLOWAY RD
SS.MH.T0006057	C	21	2801 CALLOWAY RD
SS.MH.T0006058	B	21	2500 CALLOWAY RD
SS.MH.T0006059	B	21	4009 LAZYCREEK DR
SS.MH.T0006060	X	21	3909 LAZY CREEK DR
SS.MH.T0006061	X	21	4007 LAZYCREEK DR
SS.MH.T0006062	B	21	4101 LAZY CREEK DR
SS.MH.T0006063	B	21	3302 STOREY LAKE DR
SS.MH.T0006064	B	21	3309 PEBBLE BROOK DR
SS.MH.T0006065	B	21	3405 PEBBLEBROOK DR
SS.MH.T0006066	D	21	5050 TROUP HWY
SS.MH.T0006067	B	21	4616 COMMANCHE TRL
SS.MH.T0006070	B	21	2927 SPECIALTY DR
SS.MH.T0006071	B	21	2913 SPECIALTY DR
SS.MH.T0006072	B	21	5005 HAYES AVE

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0006073	B	21	5012 PROFIT DR
SS.MH.T0006074	B	21	5012 PROFIT DR
SS.MH.T0006075	D	21	3706 SHILOH RD
SS.MH.T0006076	D	21	3706 SHILOH RD
SS.MH.T0006077	B	21	4939 PROFIT DR
SS.MH.T0006078	D	21	3706 SHILOH RD
SS.MH.T0006079	E	21	3706 SHILOH RD
SS.MH.T0006081	X	21	5012 PROFIT DR
SS.MH.T0006158	D	21	4610 TROUP HWY
SS.MH.T0006159	B	21	4610 TROUP HWY
SS.MH.T0006160	B	21	2715 HILLSIDE DR
SS.MH.T0006161	B	21	4598 OLD TROUP HWY
SS.MH.T0006162	C	21	4700 OLD TROUP HWY
SS.MH.T0006163	B	21	4750 OLD TROUP HWY
SS.MH.T0006164	A	21	2805 WILLARD DR
SS.MH.T0006201	B	21	2812 NAVAHO TRAIL
SS.MH.T0006202	B	21	2720 NAVAHO TRAIL
SS.MH.T0006203	B	21	4609 PONDEROSA TRAIL
SS.MH.T0006204	B	21	2708 NAVAHO TRAIL
SS.MH.T0006205	C	21	4708 PONDEROSA TRAIL
SS.MH.T0006206	B	21	2801 APACHE TRAIL
SS.MH.T0006207	B	21	2813 APACHE TRAIL
SS.MH.T0006208	B	21	4722 COMMANCHE TRAIL
SS.MH.T0006306	C	21	3700 LAZY CREEK DR.
SS.MH.T0006307	B	21	3702 LAZY CREEK DR
SS.MH.T0006308	C	21	3103 LAKE VISTA CIR.
SS.MH.T0006309	B	21	3115 LAKE VISTA CIR.
SS.MH.T0006310	B	21	3710 LAKE VISTA CIR.
SS.MH.T0006311	B	21	3200 LAKEPINE CIR
SS.MH.T0006312	B	21	3209 LAKEPINE CIR
SS.MH.T0006313	C	21	3101 LAKEPINE CT.
SS.MH.T0006314	B	21	3835 LAKEPINE CT.
SS.MH.T0006315	D	21	3839 LAZY CREEK DR
SS.MH.T0006316	B	21	4000 LAZY CREEK DR
SS.MH.T0006317	X	21	3306 LAKEPINE CIR
SS.MH.T0006318	B	21	3305 LAKEPINE CIR
SS.MH.T0006319	B	21	3505 WOODS BLVD.
SS.MH.T0006320	C	21	3630 LONG LEAF DR.
SS.MH.T0006321	B	21	3105 UNIVERSITY BLVD.
SS.MH.T0006325	B	21	3105 UNIVERSITY BLVD.
SS.MH.T0006341	B	21	3001 UNIVERSITY BLVD
SS.MH.T0006342	B	21	3001 UNIVERSITY BLVD.
SS.MH.T0006343	B	21	3025 UNIVERSITY BLVD.

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0006344	C	21	3316 SHENANDOAH DR.
SS.MH.T0006345	C	21	2824 LISA LANE.
SS.MH.T0006346	C	21	2800 AMY LANE
SS.MH.T0006347	C	21	2900 AMY LN.
SS.MH.T0006348	C	21	3148 ROSEMARY LN.
SS.MH.T0006349	C	21	3147 SHENANDOAH DR.
SS.MH.T0006351	C	21	3100 ANDY LANE
SS.MH.T0006352	C	21	2906 ANITA LN.
SS.MH.T0006458	B	21	3105 CAMPUS CIR
SS.MH.T0006465	B	21	3400 VARSITY DR
SS.MH.T0006466	A	21	3303 LEXINGTON DR
SS.MH.T0006467	B	21	3307 LEXINGTON DR
SS.MH.T0006468	A	21	3311 LEXINGTON DR
SS.MH.T0006469	B	21	3404 LEXINGTON DR
SS.MH.T0006479	B	21	3502 OMEGA ST
SS.MH.T0006480	B	21	3410 VARSITY DR
SS.MH.T0006481	B	21	3400 VARSITY DR
SS.MH.T0006482	B	21	3400 VARSITY DR
SS.MH.T0006483	C	21	3400 VARSITY DR
SS.MH.T0006532	B	21	3400 VARSITY DR
SS.MH.T0006541	A	21	2941 SHENANDOAH DR
SS.MH.T0006542	A	21	2933 SHENANDOAH DR
SS.MH.T0006543	A	21	2918 SHANANDOAH DR
SS.MH.T0006544	A	21	2910 SHENANDOAH DR
SS.MH.T0006549	C	21	3201 PATRIOT AVE.
SS.MH.T0006575	B	21	3427 LEXINGTON DR
SS.MH.T0006576	B	21	3415 LEXINGTON DR
SS.MH.T0006790	C	21	2913 ROCKBRIDGE RD.
SS.MH.T0006791	B	21	2925 ROCKBRIDGE RD.
SS.MH.T0006792	B	21	2917 ROCKBRIDGE RD.
SS.MH.T0006793	B	21	2949 SHENANDOAH DR
SS.MH.T0006796	B	21	3410 VARSITY DR
SS.MH.T0006797	D	21	3333 VARSITY DR
SS.MH.T0006849	C	21	3611 RIVER OAKS CT.
SS.MH.T0006850	B	21	3700 WINDING WAY.
SS.MH.T0006851	B	21	3701 WINDING WAY
SS.MH.T0006852	B	21	3814 BROADMOORE CT.
SS.MH.T0006853	B	21	3864 BROADMOORE CT.
SS.MH.T0006854	B	21	3814 BROADMORE CT.
SS.MH.T0006855	B	21	3710 WINDING WAY
SS.MH.T0006856	B	21	3310 STOREY LAKE DR
SS.MH.T0006859	D	21	3706 SHILOH RD
SS.MH.T0006860	D	21	3706 SHILOH RD

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0006861	C	21	4211 LAZY CREEK DR
SS.MH.T0006862	D	21	3885 BRIGHTEN CREEK CIR
SS.MH.T0006863	B	21	3888 BRIGHTON CREEK CIR
SS.MH.T0006864	B	21	3896BRIGHTON CREEK CIR
SS.MH.T0006865	B	21	3896 BRIGHTON CREEK CIR
SS.MH.T0006866	B	21	3662 CANYON CREEK PKWY.
SS.MH.T0006868	B	21	3646 CANYON CREEK PKWY.
SS.MH.T0006869	B	21	3642 CANYON CREEK PKWY.
SS.MH.T013058	B	21	3638 CANYON CREEK PKWY.
SS.MH.T0006870	B	21	3633 WOODS BLVD.
SS.MH.T0006871	B	21	3619 CANYON CREEK CIR.
SS.MH.T0006872	B	21	3861 BRIGHTON CREEK CIR
SS.MH.T0006873	B	21	3855 BRIGHTON CREEK CIR
SS.MH.T0006874	B	21	3849 BRIGHTON CREEK CIR
SS.MH.T0006875	B	21	3843 BRIGHTON CREEK CIR
SS.MH.T0006876	D	21	3831 BRIGHTON CREEK CIR
SS.MH.T0006877	B	21	3657 WOODS BLVD
SS.MH.T0006878	B	21	3645 WOODS BLVD
SS.MH.T0006879	B	21	3701 WOODS BLVD
SS.MH.T0006880	B	21	3709 WOODS BLVD
SS.MH.T0006881	B	21	3725 WOODS BLVD.
SS.MH.T0006882	B	21	4101 STONEBROOK LN
SS.MH.T0006883	B	21	4118 STONEBROOK LN
SS.MH.T0006884	B	21	4122 FILLBROOK LN
SS.MH.T0006885	B	21	4101 FILLBROOK LN
SS.MH.T0006886	B	21	4011 STONEBROOK LN
SS.MH.T0006887	B	21	4129 FILLBROOK LN
SS.MH.T0006888	B	21	4134 SAGEMONT LN
SS.MH.T0006889	A	21	4122 SAGEMONT LN
SS.MH.T0006902	B	21	3307 BIG OAK DR
SS.MH.T0006903	B	21	4211 LAZY CREEK DR
SS.MH.T0006904	B	21	3301 CRIPPLE CREEK DR
SS.MH.T0006905	B	21	3205 CRIPPLE CREEK DR
SS.MH.T0006906	C	21	4013 LAZY CREEK DR
SS.MH.T0006907	A	21	4211 LAZY CREEK DR
SS.MH.T0006908	X	21	4211 LAZY CREEK DR
SS.MH.T0006909	A	21	4211 LAZYCREEK DR
SS.MH.T0006910	D	21	4211 LAZYCREEK DR
SS.MH.T0006911	C	21	4128 PINECREEK DR.
SS.MH.T0006912	B	21	4128 PINECREEK DR.
SS.MH.T0006913	C	21	4128 PINECREEK DR.
SS.MH.T0006914	D	21	4128 PINECREEK DR
SS.MH.T0006915	C	21	4128 LAZYCREEK DR

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0006916	A	21	4128 LAZYCREEK DR
SS.MH.T0006919	B	21	4110 PINECREEK DR
SS.MH.T0006920	B	21	3401 BIG OAK DR
SS.MH.T0006921	B	21	4122 PINECREEK DR
SS.MH.T0006922	B	21	3309 CRIPPLE CREEK DR
SS.MH.T0006923	B	21	3305 CRIPPLE CREEK DR
SS.MH.T0006924	C	21	4128 PINECREEK DR
SS.MH.T0006925	D	21	3706 SHILOH RD
SS.MH.T0006926	C	21	3706 SHILOH RD
SS.MH.T0006927	D	21	3706 SHILOH RD
SS.MH.T0006928	D	21	3706 SHILOH RD
SS.MH.T0006929	D	21	3706 SHILOH RD
SS.MH.T0006930	B	21	4295 HAYES AVE
SS.MH.T0006931	A	21	5050 TROUP HWY
SS.MH.T0006932	C	21	5050 TROUP HWY
SS.MH.T0006933	A	21	3450 SHILOH RD
SS.MH.T0006934	A	21	3632 SHILOH RD
SS.MH.T0006935	X	21	3636 SHILOH RD
SS.MH.T0006936	C	21	3708 SHILOH RD
SS.MH.T0006937	A	21	3708 SHILOH RD
SS.MH.T0006938	C	21	3101 SHILOH RD
SS.MH.T0006939	C	21	3131 SHILOH RD
SS.MH.T0006940	B	21	3226 SHILOH RD
SS.MH.T0006941	C	21	3226 SHILOH RD
SS.MH.T0006942	X	21	3131 SHILOH RD
SS.MH.T0006943	X	21	3310 SHILOH RD
SS.MH.T0006944	C	21	3310 SHILOH DR
SS.MH.T0007004	B	21	3879 BRIGHTON CREEK CIR
SS.MH.T0007005	B	21	3873 BRIGHTON CREEK DR
SS.MH.T0007006	B	21	3873 BRIGHTON CREEK CIR
SS.MH.T0007007	B	21	3802 BRIGHTON CREEK CIR
SS.MH.T0007008	D	21	3802 BRIGHTON CREEK CIR
SS.MH.T0007009	B	21	3814 BRIGHTON CREEK CIR
SS.MH.T0007010	B	21	3823 BRIGHTON CREEK CIR
SS.MH.T0007011	B	21	3823 BRIGHTON CREEK CIR
SS.MH.T0007018	B	21	3510 OLD OMEN RD
SS.MH.T0007028	B	21	3843 BRIGHTON CREEK CIR
SS.MH.T0007029	B	21	3306 LAKEPINE CIR
SS.MH.T0007255	C	21	4012 CHAPEL QUARTERS.
SS.MH.T0007256	B	21	4001 CHAPEL RIDGE
SS.MH.T0007588	C	21	3807 UNIVERSITY BLVD.
SS.MH.T0007676	B	21	4016 HANDLER PL
SS.MH.T0007677	D	21	4016 HANOVER PL

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0007678	A	21	NONE SAVANNAH CREED
SS.MH.T0007790	C	21	3963 CHAPEL WOODS BLVD
SS.MH.T0007791	B	21	3963 CHAPEL WOOD BLVD
SS.MH.T0007792	B	21	3963 CHAPEL WOODS BLVD
SS.MH.T0007893	D	21	3402 PICKENS DR.
SS.MH.T0007894	C	21	3402 PICKENS DR.
SS.MH.T0007972	B	21	2947SPECIALTY DR
SS.MH.T0008092	B	21	3001 UNIVERSITY BLVD
SS.MH.T0008605	B	21	3960 CHAPEL WOODS BLVD
SS.MH.T0008606	D	21	3963 CHAPEL WOODS BLVD
SS.MH.T0008608	C	21	4396 LAZYCREEK DR
SS.MH.T0008609	A	21	4388 LAZYCREEK DR
SS.MH.T0008610	C	21	4388 LAZYCREEK DR
SS.MH.T0008611	B	21	4388 LAZY CREEK
SS.MH.T0008612	B	21	4388 LAZYCREEK DR
SS.MH.T0008618	D	21	3963 CHAPEL WOODS BLVD
SS.MH.T0008621	C	21	3885 BRIGHTON CREEK CIR.
SS.MH.T0008622	B	21	3879 BRIGHTON CREEK CIR
SS.MH.T0008623	A	21	3388 BRIDGEWOOD TRAIL
SS.MH.T0008624	B	21	3388 BRIDGEWOOD TRAIL
SS.MH.T0008633	C	21	4031 CHAPEL QUARTERS.
SS.MH.T0008634	C	21	4048 CHAPEL QUARTERS.
SS.MH.T0008635	C	21	4121 CHAPEL QUARTERS.
SS.MH.T0008636	C	21	3507 CLARION LN.
SS.MH.T0008637	D	21	3521 CLARION LANE
SS.MH.T0008638	B	21	4129 CHAPEL RIDGE.
SS.MH.T0008639	C	21	4111 CHAPEL RIDGE.
SS.MH.T0008640	B	21	4043 CHAPEL RIDGE.
SS.MH.T0008641	C	21	4019 CHAPEL RIDGE.
SS.MH.T0008642	C	21	4008 CHAPEL RIDGE.
SS.MH.T0008643	C	21	4002 CHAPEL RIDGE.
SS.MH.T0008644	C	21	4000 CHAPEL RIDGE
SS.MH.T0008645	C	21	4007 CHAPEL RIDGE
SS.MH.T0008646	C	21	4000 CHAPEL LANE.
SS.MH.T0008647	C	21	3900 OLD OMEN RD.
SS.MH.T0008648	C	21	3900 OLD OWEN RD.
SS.MH.T0008649	C	21	3700 OLD OMEN RD.
SS.MH.T0008650	B	21	3700 OLD OMEN RD.
SS.MH.T0008651	D	21	4001 STONEBROOK LN
SS.MH.T0008652	B	21	3963 CHAPEL WOODS BLVD
SS.MH.T0008653	D	21	3963 CHAPEL WOODS BLVD
SS.MH.T0008654	A	21	3963 CHAPEL BLVD
SS.MH.T0008655	C	21	3963 CHAPEL WOOD BLVD

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0008656	B	21	3900 OMEN RD.
SS.MH.T0008657	B	21	3960 CHAPEL WOODS BLVD
SS.MH.T0008658	B	21	3980 CHAPEL WOODS BLVD
SS.MH.T0008659	C	21	3991 CHAPEL WOODS BLVD
SS.MH.T0008660	B	21	4211 LAZYCREEK DR
SS.MH.T0008661	A	21	4215 LAZYCREEK DR
SS.MH.T0008662	X	21	3312 RIDGE BLUFF CIR
SS.MH.T0008663	B	21	3311 RIDGE BLUFF CIR
SS.MH.T0008664	B	21	3403 RIDGE BLUFF CIR
SS.MH.T0008665	A	21	3428 RIDGE BLUFF CIR
SS.MH.T0008666	B	21	4230 LAZY CREEK DR
SS.MH.T0008667	B	21	3421 RIDGE BLUFF CIR
SS.MH.T0008668	A	21	3421 RIDGE BLUFF CIR
SS.MH.T0008669	B	21	3417 RIDGE BLUFF CIR
SS.MH.T0008670	D	21	3417 RIDGE BLUFF CIR
SS.MH.T0008671	D	21	3410 RIDGE BLUFF CIR
SS.MH.T0008674	A	21	3669 SOUTHWOOD DR
SS.MH.T0008675	A	21	3677 SOUTHWOOD DR
SS.MH.T0008676	B	21	4404 LAZY CREEK DR
SS.MH.T0008677	B	21	4417 LAZY CREEK DR
SS.MH.T0008678	B	21	4416 LAZY CREEK DR
SS.MH.T0008679	B	21	4416 LAZYCREEK DR
SS.MH.T0008680	B	21	4416 LAZYCREEK DR
SS.MH.T0008681	C	21	4388 LAZY CREEK DR
SS.MH.T0008682	B	21	4366 LAZYCREEK DR
SS.MH.T0008683	C	21	4362 LAZYCREEK DR
SS.MH.T0008684	C	21	4358 LAZY CREEK DR
SS.MH.T0008685	B	21	4354 LAZY CREEK DR
SS.MH.T0008686	B	21	3683 BENTRIDGE CT
SS.MH.T0008687	B	21	3683 BENTRIDGE CT
SS.MH.T0008688	B	21	3683 BENTRIDGE CT
SS.MH.T0008689	B	21	3659 BENTRIDGE CT
SS.MH.T0008690	B	21	4330 LAZY CREEK DR
SS.MH.T0008691	B	21	4324 LAZYCREEK DR
SS.MH.T0008692	B	21	4324 LAZY CREEK DR
SS.MH.T0008694	B	21	4214 STONEBROOK LN
SS.MH.T0008695	B	21	4306 STONEBROOK LN
SS.MH.T0009012	B	21	3942 CHARLESTON PARK
SS.MH.T0009013	B	21	3966 CHARLESTON PARK
SS.MH.T0009014	B	21	3976 CHARLESTON PARK
SS.MH.T0009015	B	21	4012 CHARLESTON PARK
SS.MH.T0009016	B	21	4020 CHARLESTON PARK
SS.MH.T0009017	B	21	4023 CHARLESTON PARK

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0009018	B	21	4029 CHARLESTON PARK
SS.MH.T0009019	B	21	4048 CHARLESTON PARK
SS.MH.T0009020	A	21	4019 SPARTANBURG LN
SS.MH.T0009021	B	21	4019 SPARTANBURG LN
SS.MH.T0009022	B	21	4011 SPARTANBURG LN
SS.MH.T0009023	A	21	3993 SPARTANBUR LN
SS.MH.T0009024	A	21	2720 HERMINGWAY LN
SS.MH.T0009025	B	21	3929 HANOVER PL
SS.MH.T0009026	B	21	3949 HANOVER PL
SS.MH.T0009027	B	21	3979 HANOVER PL
SS.MH.T0009028	A	21	4016 HANOVER PL
SS.MH.T0009029	B	21	4016 HANBLER PL
SS.MH.T0009030	B	21	4047 HANOVER PL
SS.MH.T0009031	B	21	4017 HANOVER PL
SS.MH.T0009032	B	21	4047 HANOVER PL
SS.MH.T0009033	B	21	4041 VERANDA PLACE
SS.MH.T0009034	B	21	4045 VERANDA PLACE
SS.MH.T0009306	D	21	3312 SHADY COVE CT.
SS.MH.T0009307	X	21	3307 SHADOW GLEN
SS.MH.T0009308	A	21	3514 MELANIE CT.
SS.MH.T0009309	X	21	3616 BROOKVIEW CT.
SS.MH.T0009310	X	21	3201 PEBBLEBROOK DR
SS.MH.T0009324	X	21	3905 BARKWOOD CIR
SS.MH.T0009325	D	21	3903 LAZY CREEK DR
SS.MH.T0009326	D	21	3902 LAZY CREEK DR
SS.MH.T0009327	D	21	3904 LAZYCREEK DR
SS.MH.T0009328	D	21	3109 LAKEPINE CIR.
SS.MH.T0009366	D	21	2701 WILLARD DR
SS.MH.T0009423	D	21	2902 SHERNANDOAH DR
SS.MH.T0009424	D	21	2901 ROCKBRIDGE RD.
SS.MH.T0009457	D	21	3819 BROADMOORE CT.
SS.MH.T0009517	X	21	3610 ROCK CREEK DR.
SS.MH.T0009518	A	21	3622 FLAGSTONE DR.
SS.MH.T0009519	D	21	3101 LAKE FOREST DR.
SS.MH.T0009520	B	21	3304 STOREY LAKE DR
SS.MH.T0009521	X	21	4103 LAZYCREEK DR
SS.MH.T0009522	A	21	4115 LAZY CREEK DR
SS.MH.T0009523	D	21	3708 SHILOH RD
SS.MH.T0009524	D	21	3734 SHILOH RD
SS.MH.T0009539	D	21	3107 LAKEPINE CIR
SS.MH.T0009540	X	21	3905 LAZYCREEK DR
SS.MH.T0009541	X	21	3706 PINE BLUFF CIR.
SS.MH.T0009546	D	21	3303 CRIPPLE CREEK DR

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0009606	D	21	3702 LAKE VISTA CIR.
SS.MH.T0009640	X	21	3224 LEXINGTON DR
SS.MH.T0009641	D	21	3428 LEXINGTON DR
SS.MH.T0009642	X	21	3308 LEXINGTON DR
SS.MH.T0009645	X	21	3117 CAMPUS CIR
SS.MH.T0009646	D	21	3101 CAMPUS CIR
SS.MH.T0009647	A	21	3201 LEXINGTON DR
SS.MH.T0009685	A	21	4002 STONEBROOK LN
SS.MH.T0009686	A	21	4104 FILLBROOK LN
SS.MH.T0009708	A	21	3868 BROADMOORE CT.
SS.MH.T0009709	D	21	3709 3709 WINDING WAY.
SS.MH.T0009710	A	21	3705 WINDING WAY
SS.MH.T0009711	D	21	3788 WOODS BLVD.
SS.MH.T0009712	A	21	3626 CANYON CREEK PKWY.
SS.MH.T0009713	A	21	3622 CANYON CREEK CIR.
SS.MH.T0009714	B	21	3629 WOODS BLVD.
SS.MH.T0009715	D	21	3838 BRIGHTON CREEK CIR
SS.MH.T0009716	A	21	4101 SAGEMONT LN
SS.MH.T0009820	D	21	3505 RICHMOND
SS.MH.T0009821	D	21	3513 LALEMONT
SS.MH.T0009822	D	21	3519 LAKEMONT
SS.MH.T0009823	D	21	3934 CHAPEL QUARTERS.
SS.MH.T0009824	A	21	3533CLARION LANE
SS.MH.T0009825	D	21	4014 CHAPEL RIDGE.
SS.MH.T0009826	D	21	3992 OLD OMEN RD
SS.MH.T0009827	D	21	4310 STONEBROOK LN
SS.MH.T0009828	D	21	4222 LAZY CREEK DR
SS.MH.T0009829	D	21	3308 RIDGE BLUFF CIR
SS.MH.T0009830	D	21	4230 LAZY CREEK DR
SS.MH.T0009832	D	21	4232 STONEBROOK LN
SS.MH.T0009849	B	21	4048 CHARLESTON PARK
SS.MH.T0009850	B	21	4048 CHARLESTON PARK
SS.MH.T0009851	A	21	3985 SPARTANBURG
SS.MH.T0009852	A	21	2704 HEMINGWAY LN
SS.MH.T0009853	D	21	3921 HANOVER PL
SS.MH.T0009854	A	21	4051 HANOVER PL
SS.MH.T0009876	D	21	4117 BIG OAK DR
SS.MH.T0009877	D	21	4119 LAZY CREEK DR
SS.MH.T0009878	D	21	3200 CRIPPLE CREEK DR
SS.MH.T0009879	B	21	4117 HOLLOW OAK CIR.
SS.MH.T0009880	D	21	4113 PINECREEK DR
SS.MH.T0009881	C	21	4295 HAYES AVE
SS.MH.T0009882	X	21	3310 SHILOH RD

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0009883	X	21	3456 SHILOH RD
SS.MH.T0009899	X	21	4013 LAZYCREEK DR
SS.MH.T0010064	D	21	3815 BROADMOORE CT.
SS.MH.T0010065	D	21	3313 OAK KNOLL DR.
SS.MH.T0010068	A	21	3501 ROCK CREEK DR.
SS.MH.T0010069	D	21	3604 ROCK CREEK DR.
SS.MH.T0010070	D	21	3601 OAK KNOLL DR.
SS.MH.T0010124	X	21	3802 BRIGHTON CREEK CIR
SS.MH.T0010125	D	21	3814 LONG LEAF DR.
SS.MH.T0010130	D	21	4112 PINECREEK DR
SS.MH.T0010131	X	21	4109 LAZY CREEK DR
SS.MH.T0010133	C	21	3620 TRAILWOOD CT.
SS.MH.T0010134	A	21	3618 OAK LEAF CIR.
SS.MH.T0010135	A	21	3622 OAK LEAF CIR.
SS.MH.T0010136	C	21	3308 LAKEMONT DR
SS.MH.T0010137	D	21	3636 RIVER OAKS CT.
SS.MH.T0010138	B	21	3645 RIVER OAKS CT.
SS.MH.T0010139	A	21	3625 WOODS BLVD.
SS.MH.T0010140	D	21	3900 OLD TROUP HWY
SS.MH.T0010157	D	21	4764 OLD TROUP HWY
SS.MH.T0010158	D	21	4714 PONDEROSA TRAIL
SS.MH.T0010159	D	21	4720 PONDEROSA TRAIL
SS.MH.T0010279	D	21	3516 OMEGA DR
SS.MH.T0010325	D	21	4101 STONEBROOK LN
SS.MH.T0010326	D	21	3831 BRIGHTON CREEK CIR
SS.MH.T0010327	D	21	4002 CHAPEL CT
SS.MH.T0010328	D	21	4017 CHAPEL WOODS BLVD
SS.MH.T0010329	D	21	4001 CHAPEL WOODS BLVD
SS.MH.T0010360	B	21	3703 LAZY CREEK DR
SS.MH.T0010376	D	21	4020 CHAPEL RIDGE.
SS.MH.T0011507	C	21	3510 OLD OMEN RD
SS.MH.T0012377	B	21	3101 SHILOH RD
SS.MH.T0012865	C	21	5012 PROFIT DR
SS.MH.T0013204	B	21	3889 BRIGHTON CREEK CIR
SS.MH.T0013493	B	21	2801 CALLOWAY RD
SS.MH.T0013494	B	21	3201 UNIVERSITY BLVD.
SS.MH.T0013683	B	21	4542 OLD TROUP HWY
SS.MH.T0013684	B	21	4542 OLD TROUP HWY
SS.MH.T0013685	A	21	4542 OLD TROUP HWY
SS.MH.T0013686	A	21	4542 OLD TROUP HWY
SS.MH.T0013687	A	21	4542 OLD TROUP HWY
SS.MH.T0013688	A	21	4542 OLD TROUP HWY
SS.MH.T0013689	A	21	4552 OLD TROUP HWY

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0013690	A	21	4542 OLD TROUP HWY
SS.MH.T0013691	A	21	4295 HAYES AVE
SS.MH.T0013918	C	21	4312 LAZY CREEK DR
SS.MH.T0013919	D	21	4320 LAZY CREEK DR
SS.MH.T0013920	A	21	4325 WESTBLUFF DR
SS.MH.T0013921	B	21	4452 LAZYCREEK DR
SS.MH.T0013922	A	21	3647 BENTRIDGE CT
SS.MH.T0013964	B	21	3885 BRIGHTON CREEK CIR
SS.MH.T0013966	B	21	2947 SPECIALTY DR
SS.MH.T0014143	X	21	3513 WOODS BLVD.
SS.MH.T0014144	B	21	4113 FILLBROOK LN
SS.MH.T0014146	B	21	3807 UNIVERSITY BLVD.
SS.MH.T0014147	B	21	3807 UNIVERSITY BLVD.
SS.MH.T0014148	B	21	3807 UNIVERSITY BLVD.
SS.MH.T0014149	B	21	3979 UNIVERSITY BLVD.
SS.MH.T0014490	B	21	3388 BRIDGEWOOD TRL
SS.MH.T0014500	D	21	255' DS of 14500 & 266' US of 06048
SS.MH.T0014693	D	21	3706 SHILOH RD
SS.MH.T0014729	X	21	3807 UNIVERSITY BLVD.
SS.MH.T0014730	D	21	3807 UNIVERSITY BLVD.
SS.MH.T0014785	C	21	3388 BRIDGEWOOD TRAIL
SS.MH.T0014788	C	21	3388 BRIDGE WOOD TRAIL
SS.MH.T0014789	C	21	3388 BRIDGEWOOD TRLS
SS.MH.T0015217	B	21	2947 SPECIALTY DR
SS.MH.T0015218	C	21	4939 PROFIT DR
SS.MH.T0015219	A	21	4542 OLD TROUP HWY
SS.MH.T0015220	A	21	3201 UNIVERSITY BLVD
SS.MH.T0015222	B	21	3963 CHAPEL WOODS BLVD
SS.MH.T0015223	D	21	NONE OLD OMEN RD
SS.MH.T0015224	B	21	3963 CHAPEL WOODS BLVD
SS.MH.T0015226	B	21	3101 SHILOH RD
SS.MH.T0015227	A	21	3101 SHILOH RD
SS.MH.T0015228	B	21	4001 STONEBROOK LN
SS.MH.T0015229	B	21	3336 BRIDGE WOOD TRAIL
SS.MH.T0015233	B	21	4598 OLD TROUP HWY
SS.MH.T0015234	D	21	4580 OLD TROUP HWY
SS.MH.T0015237	A	21	3905 CHAPEL QUARTERS
SS.MH.T0015238	B	21	3900BLK CHAPEL QUARTERS
SS.MH.T0015239	A	21	3900BLK CHAPER QUARTER
SS.MH.T0015419	A	21	3900 BLK CHAPEL QUARTERS
SS.MH.T0015659	C	21	3702 LAZY CREEK DR
SS.MH.T0014321	C	U2	1300 BLK. W. CUMBERLAND.
SS.MH.T0015216	A	U2	1000 BLK. W. CUMBERLAND RD.

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0007549	C	2	6172 HWY 110
SS.MH.T0015422	B	2	6172 HWY 110
SS.MH.T0014387	D	7	257' DS of 02017
SS.MH.T0015647	D	8	11' DS of 01084 & 107' US of 13042
SS.MH.T0000880	C	12	Tee 394' DS of 07314 & 446' US of 8583
SS.MH.T0014343	C	7	3820HWY 64
SS.MH.T0014322	D	17	408' DS of 03676 & 99' US of 03674
SS.MH.T0014368	D	17	138' DS of 14368 & 157' of 03514
SS.MH.T0014397	D	17	158' DS of 14396 & 155' US of 14398
SS.MH.T0015243	D	17	13' DS of 15244 & 57' US 15243
SS.MH.T0015244	D	17	187' DS of 01546 & 13' 15243
SS.MH.T0015253	D	17	48' DS of 02439 & 149' US of 02440.
SS.MH.T0015300	D	17	301' DS of 00542 & 234' US of 00541
SS.MH.T0014502	D	18	105' DS 05308 & 80' US of 05307
SS.MH.T0014505	D	18	255' DS of 05398 & 301 US of 00363
SS.MH.T0001171	D	5	1530 SSW LOOP 323
SS.MH.T0001228	B	5	1300 SSW LOOP 323
SS.MH.T0001231	C	5	3200 S SW LOOP 323
SS.MH.T0001421	C	5	4085 HOGAN DR
SS.MH.T0002066	C	5	1230 SSW LOOP 323
SS.MH.T0002125	B	5	917 SSW LOOP 323
SS.MH.T0002144	X	5	823 CLARK ST
SS.MH.T0002292	B	5	3110 TOWNE PARK DR
SS.MH.T0003102	B	6	5721 STATE HWY 31 W
SS.MH.T0015677	D	6	4707 STATE HWY 31 W
SS.MH.T0001013	D	7	104 JORDAN PLAZA BLVD
SS.MH.T0001015	B	7	115 JORDAN PLAZA BLVD
SS.MH.T0001016	D	7	115 JORDAN PLAZA BLVD
SS.MH.T0001052	D	7	3330 COPE ST
SS.MH.T0015269	D	7	115 JORDAN PLAZA BLVD
SS.MH.T0002019	D	8	3205 W ERWIN ST
SS.MH.T0012920	D	8	202 GLENWOOD BLVD
SS.MH.T0013838	C	8	625 N GLENWOOD BLVD/ HWY110
SS.MH.T0002816	C	10	2325 TENNEHA AVE
SS.MH.T0013036	C	11	1121 W HARMONY ST
SS.MH.T0002721	B	13	4191 BELLWOOD RD
SS.MH.T0002783	C	13	1124 E GENTRY PKWY
SS.MH.T0005855	D	13	643 BAXTER
SS.MH.T0005952	D	13	2117 E FRONT ST
SS.MH.T0011448	B	13	403 E. DODGE ST.
SS.MH.T0014136	D	13	1224 N WINONA AVE
SS.MH.T0014844	C	13	407 W. DOBBS ST.
SS.MH.T0015685	D	13	400BLK FRAZIER ST

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0015686	D	13	400 BLK FRAZIER ST
SS.MH.T0015689	D	13	1002 N. NORMANDY AVE.
SS.MH.T0015692	C	13	1611 N. WINONA AVE.
SS.MH.T0015693	C	13	1530 N. CENTRAL AVE.
SS.MH.T0015694	B	13	1722 N. CARLYLE AVE.
SS.MH.T0015695	B	13	700 BLK. W. SHAW ST.
SS.MH.T0015696	D	13	512 S. FLEISHEL AVE.
SS.MH.T0015697	C	13	644 CRESTWAY DR.
SS.MH.T0015698	B	13	1775 E DUNCAN ST
SS.MH.T0015834	A	13	223 E. 3RD ST.
SS.MH.T0015836	B	13	401 W. BRYAN ST.
SS.MH.T0015837	D	13	409 E. DODGE ST.
SS.MH.T0015838	D	13	403 E. DODGE ST.
SS.MH.T0015839	D	13	516 N. ROSS AVE.
SS.MH.T0006577	D	14	2729 WILLIAMSBURG DR
SS.MH.T0006597	C	14	2421 E SE LOOP 323
SS.MH.T0009648	B	14	2807 MARYLIN DR
SS.MH.T0014493	C	14	1801 S SE LOOP 323
SS.MH.T0015318	C	14	1819 E DON ST
SS.MH.T0001620	D	16	2010 PINEHURST ST
SS.MH.T0014318	D	16	2311 MIRABEAU DR
SS.MH.T0014320	D	16	6938 PARK SLOPE
SS.MH.T0002243	B	17	2611 HUGHEY DR
SS.MH.T0002397	D	17	1743 ALAMO CROSSING RD
SS.MH.T0003386	D	17	1500 WSW LOOP 323
SS.MH.T0003484	B	17	506 RICE RD
SS.MH.T0014362	D	17	1537 WOODLAND HILLS DR
SS.MH.T0014367	D	17	5109 KATIE DR
SS.MH.T0015068	C	17	5976 OLD JACKSONVILLE HWY
SS.MH.T0015251	D	17	3000 WSW LOOP 323
SS.MH.T0015275	D	17	4334 DC DR
SS.MH.T0015302	A	17	5348 OLD JACKSONVILLE HWY
SS.MH.T0015672	B	17	908 LAGUNA DR
SS.MH.T0015676	C	17	6210 S BROADWAY AVE
SS.MH.T0005203	C	18	455 SHILOH RD
SS.MH.T0006192	D	18	5401 KENT DR
SS.MH.T0006377	D	18	1700 DENNIS DR
SS.MH.T0007283	B	18	2040 SHILOH RD
SS.MH.T0009529	B	18	6110 COVEY LN
SS.MH.T0009955	D	18	3830 TROUP HWY
SS.MH.T0011108	C	18	3002 DINAH LN
SS.MH.T0013013	D	18	3110 GOLDEN RD
SS.MH.T0013192	D	18	1600 BLK E SOUTH EAST LOOP 323

Table I-3: Manhole Ratings, Group 5

Asset ID	Rating	Basin	Address
SS.MH.T0015197	D	18	2101 SHILOH RD
SS.MH.T0015437	C	18	4917 KIRKCALDEY DR
SS.MH.T0015722	B	18	4222 SOUTHPARK DR
SS.MH.T0015723	B	18	2002 SYBIL LN
SS.MH.T0015765	C	18	4622 LEISURE LN
SS.MH.T0014495	C	20	1217 WILDER WAY
SS.MH.T0015473	B	20	NO # FURMAN CT
SS.MH.T0015673	D	20	8331 PALUXY DR
SS.MH.T0015674	C	20	8348 PALUXY DR
SS.MH.T0015735	C	21	3831 WOODS BLVD
SS.MH.T0015736	D	21	3905 UNIVERSITY BLVD
SS.MH.T0015737	B	21	4130 SAGEMONT LN

Maps of Condition Assessment Results

See attached **Figure I-1** depicting the location of assets assessed during the 1 January 2021 through 31 December 2021 reporting period and their condition assessment results.

Sewer Segments Rated as Category D or E and/or Manholes Rated as Category D or E

The number of gravity sewer segments rated as either category D or E, and/or the number of manholes rated as either category D or E during the 1 January 2021 through 31 December 2021 reporting period, are displayed in **Table I-4**, below.

Table I-4: Sewer Segment and Manhole Ratings

Asset	Number Rated Category D	Number Rated Category E
Sewer Segments	526	5
Manholes	427	1

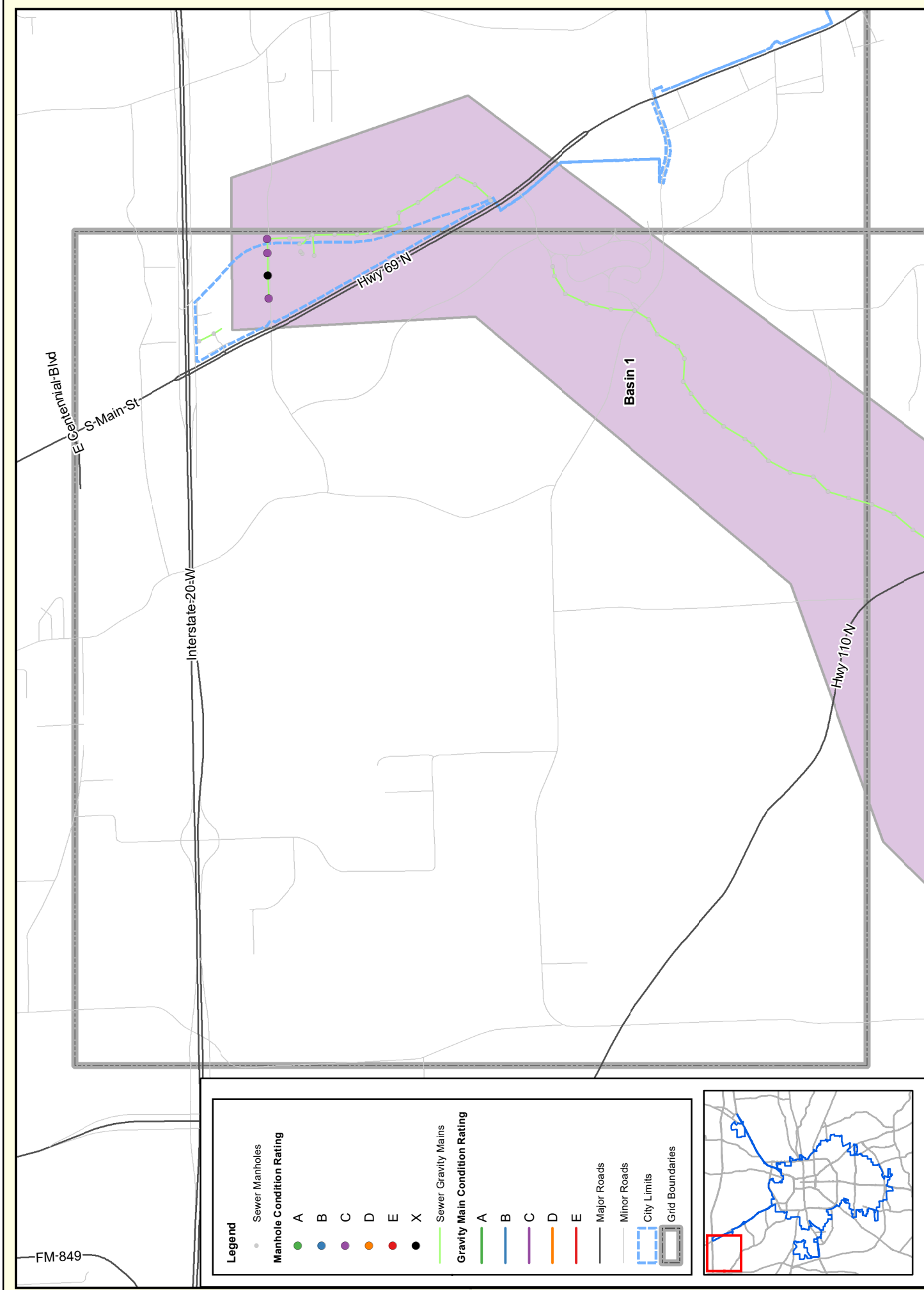


Figure I-1. Condition Assessment Ratings - Year 5

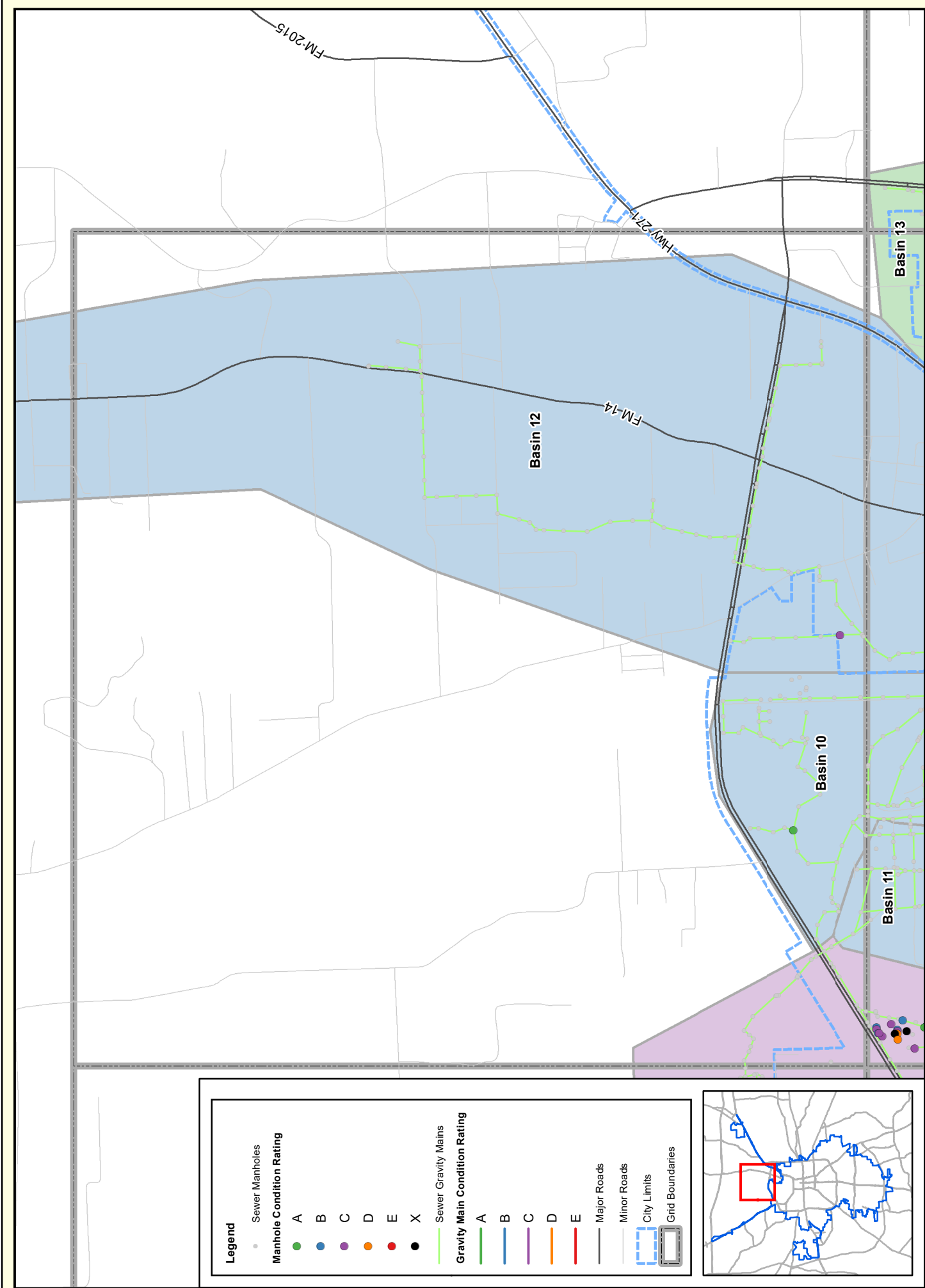


Figure I-1. Condition Assessment Ratings - Year 5

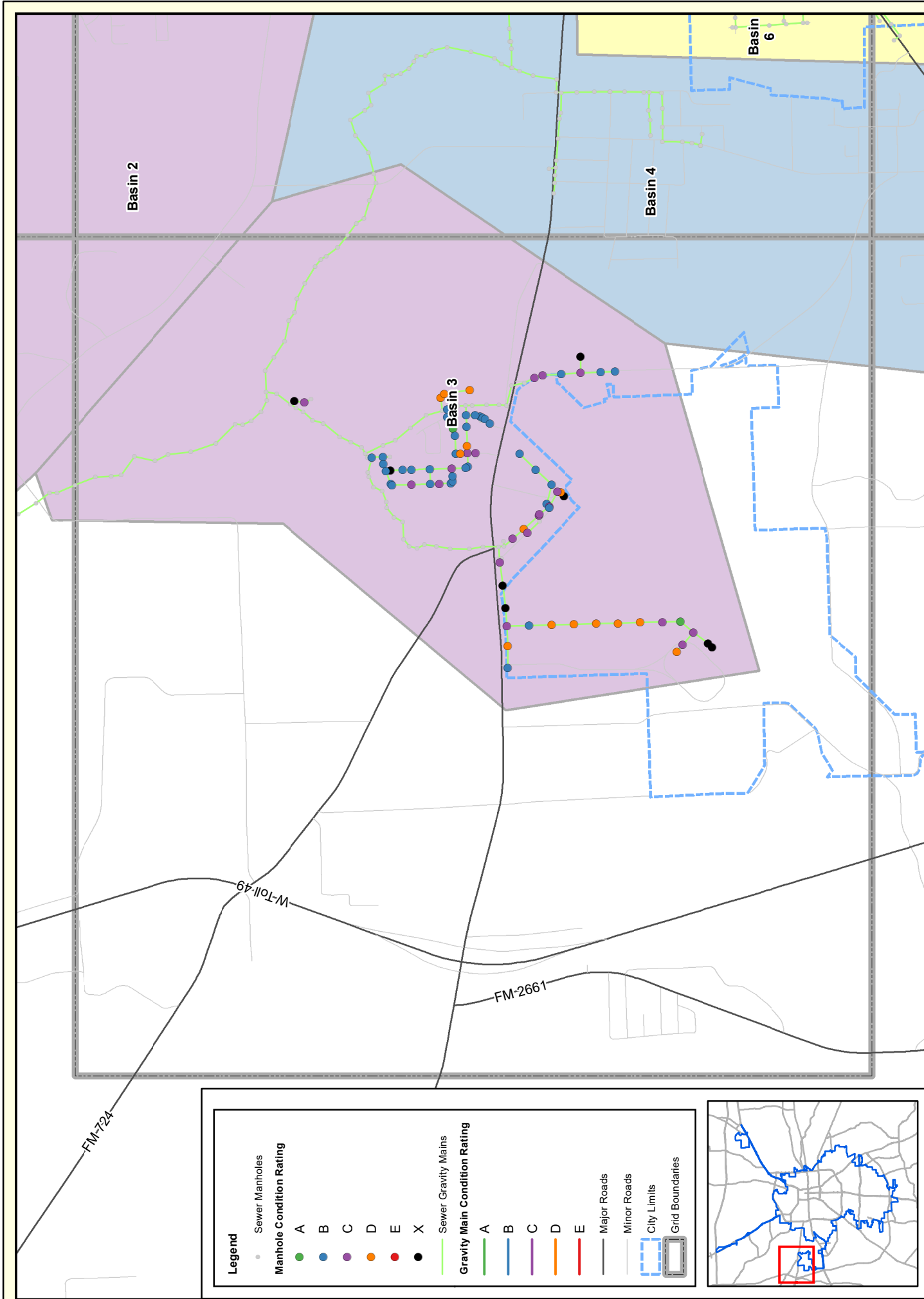
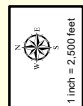
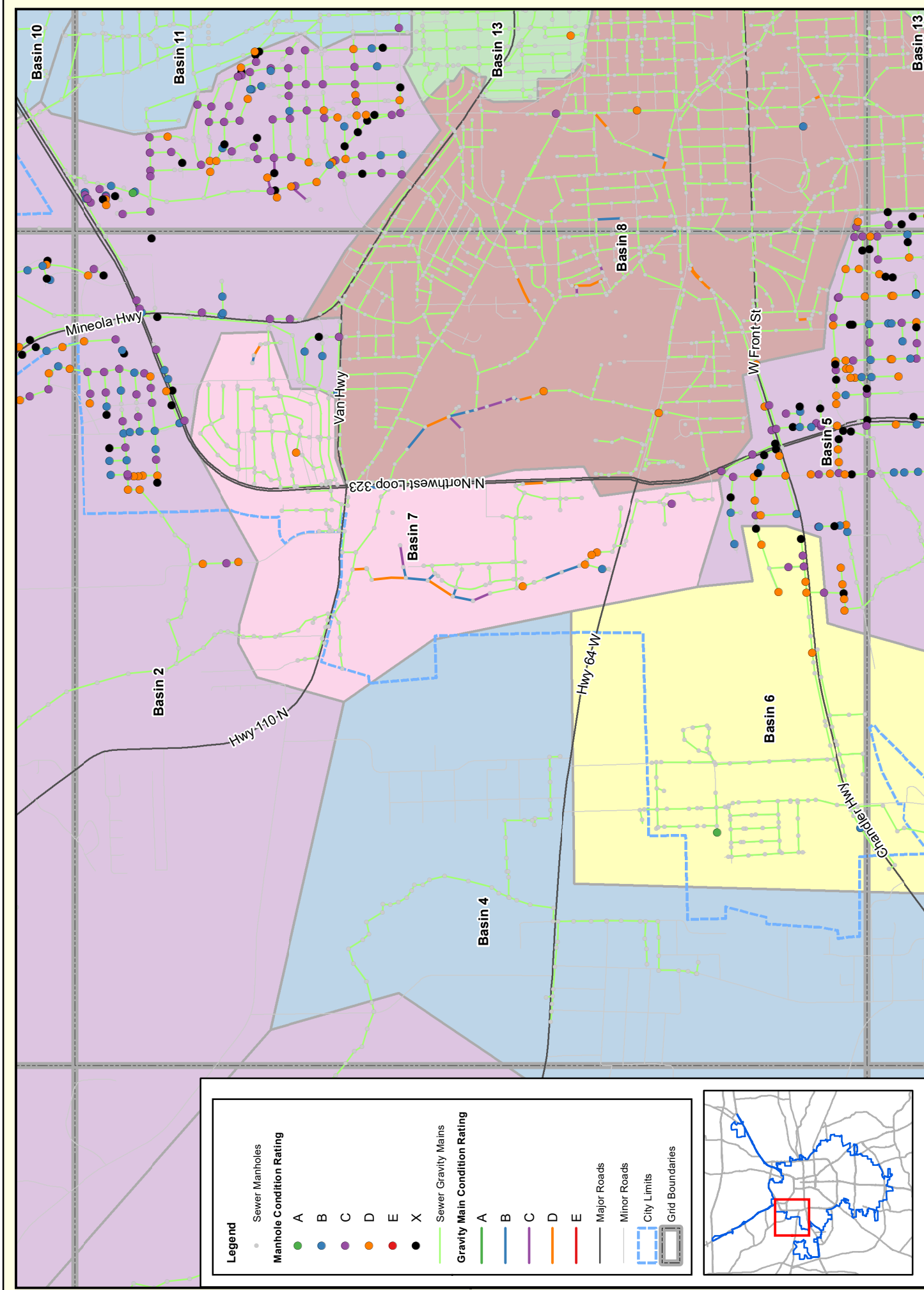


Figure I-1. Condition Assessment Ratings - Year 5





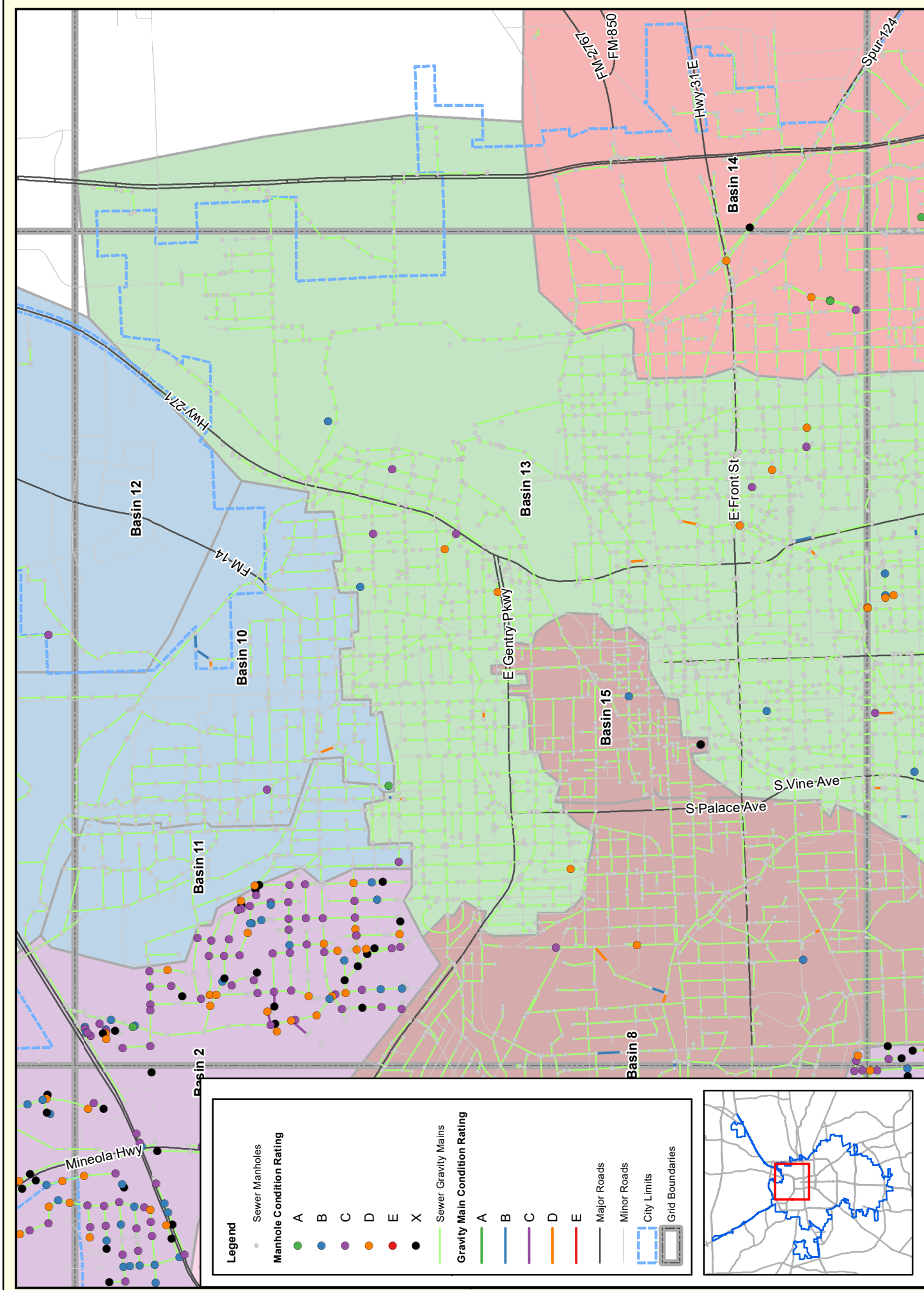
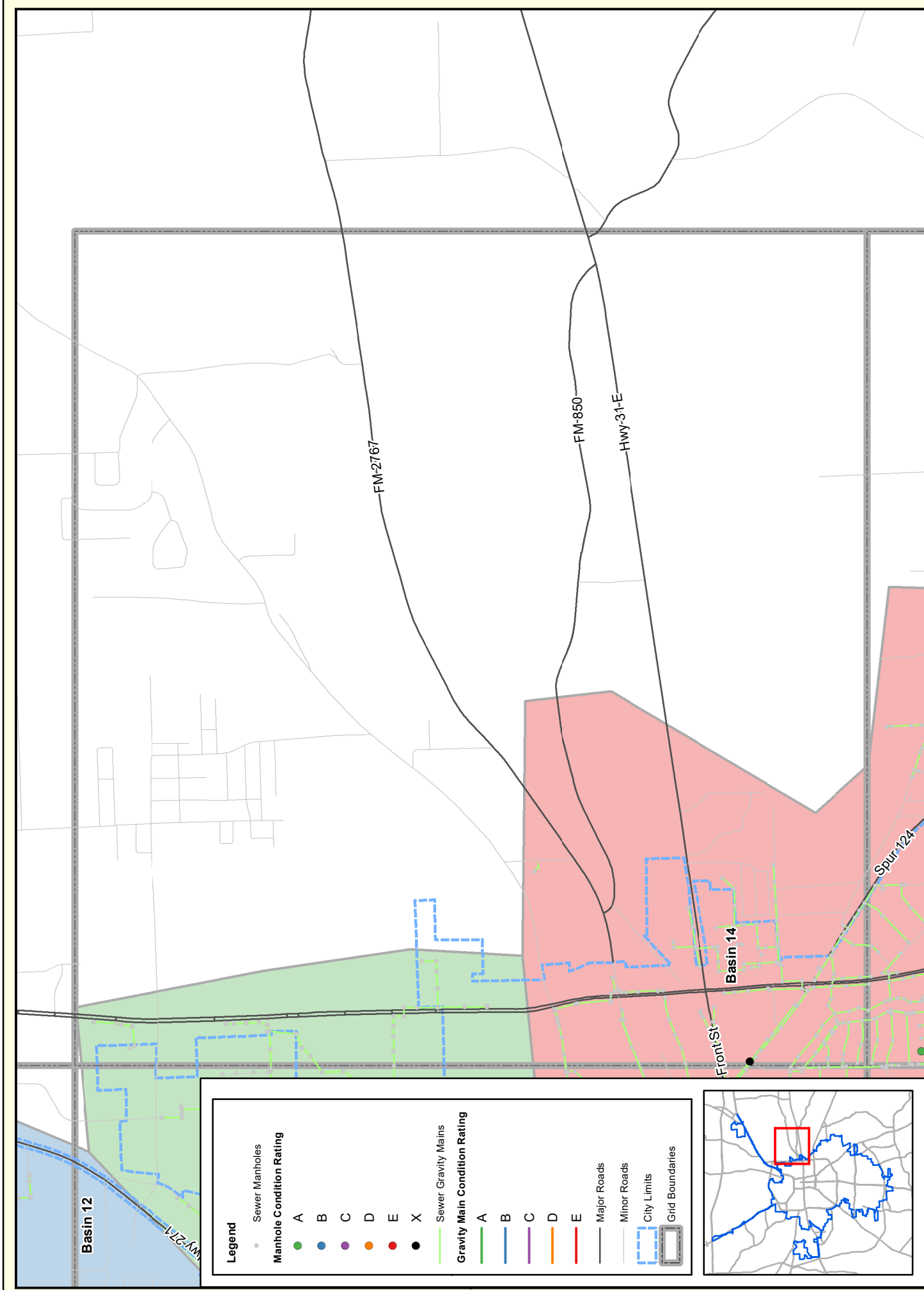


Figure I-1. Condition Assessment Ratings - Year 5



Legend

- Sewer Manholes

Manhole Condition Rating

- A
- B
- C
- D
- E
- X

Sewer Gravity Mains

Gravity Main Condition Rating

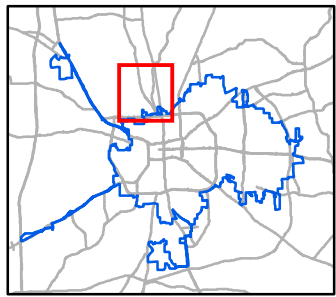
- A
- B
- C
- D
- E

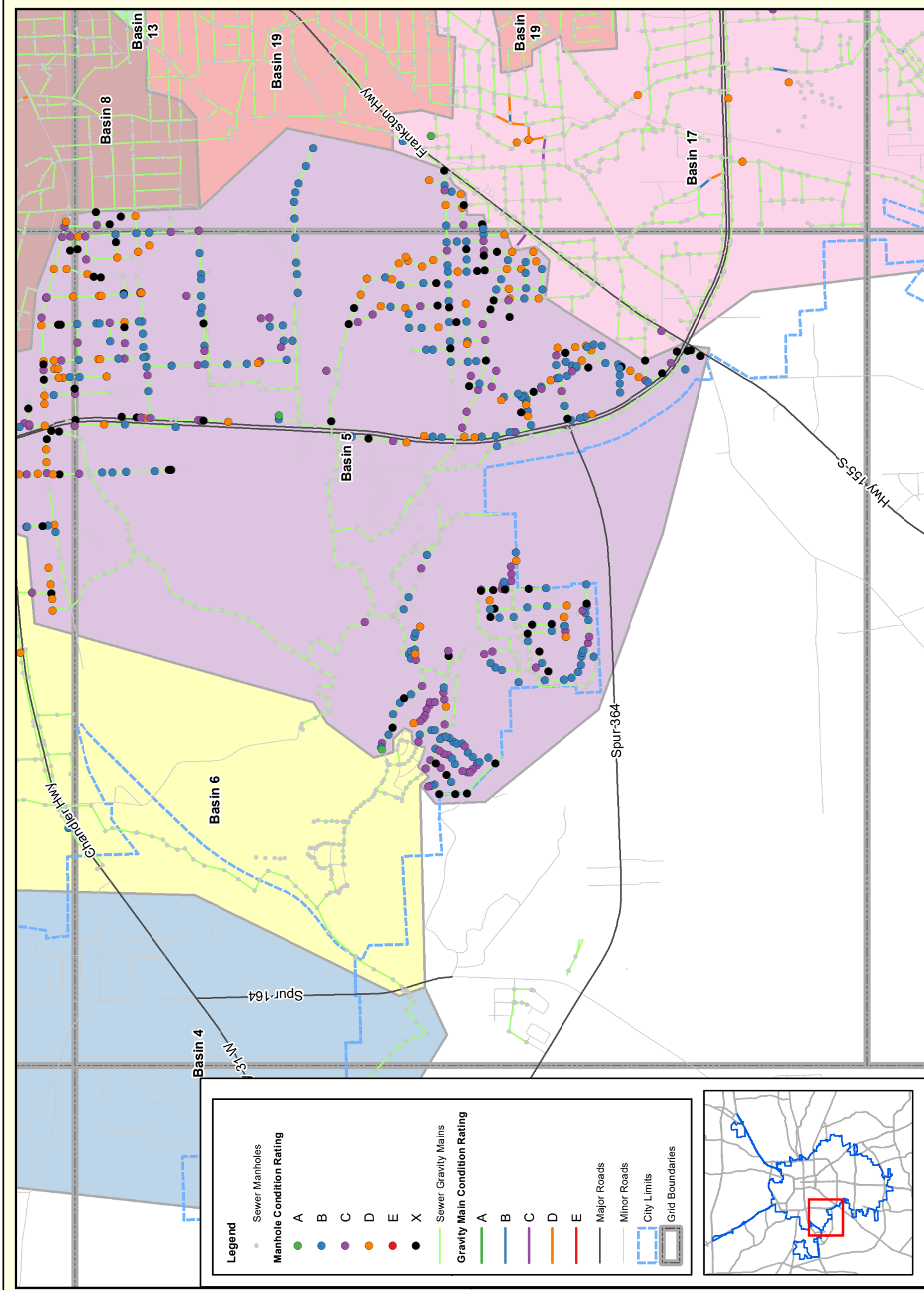
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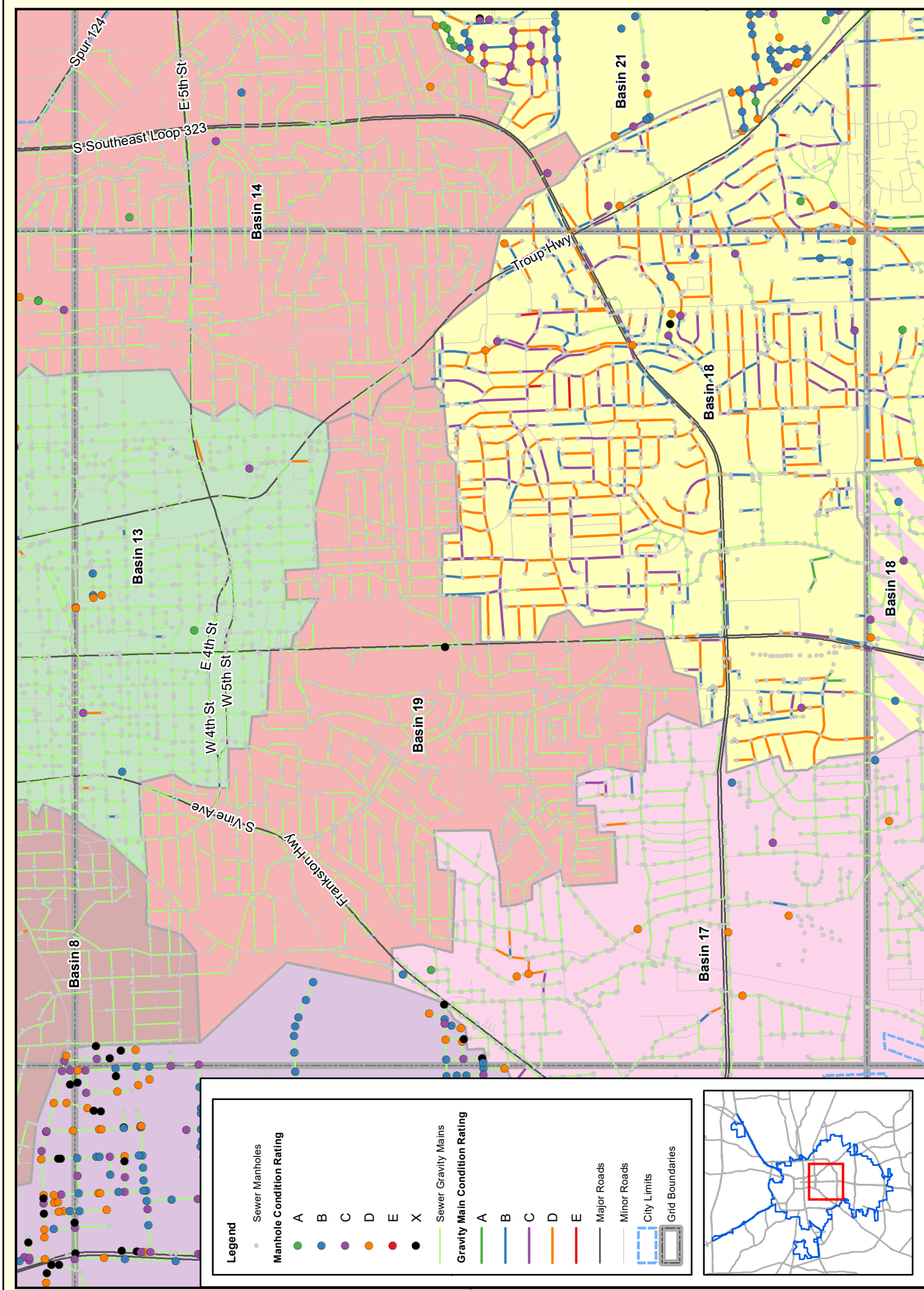
Minor Roads

City Limits

Grid Boundaries







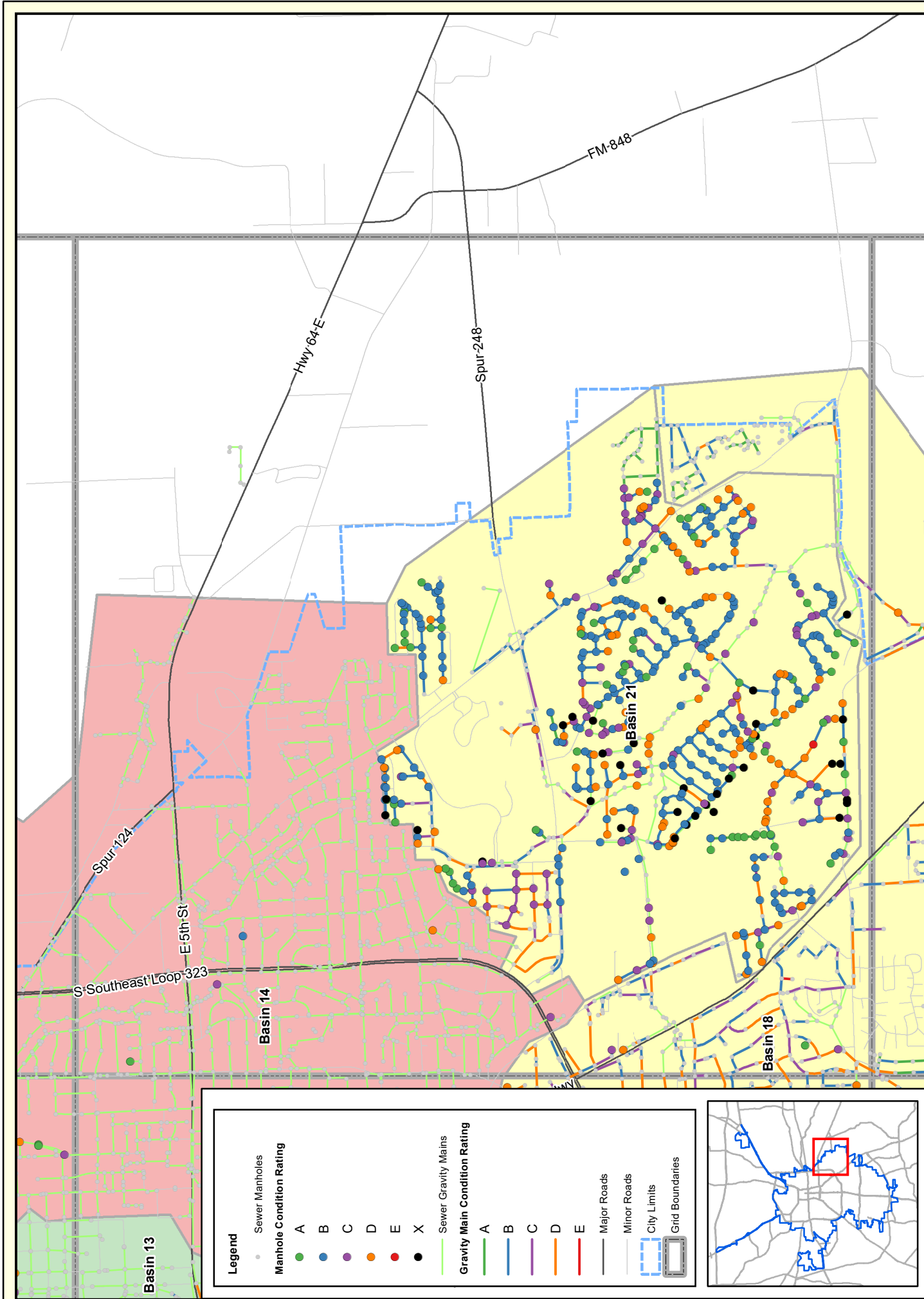
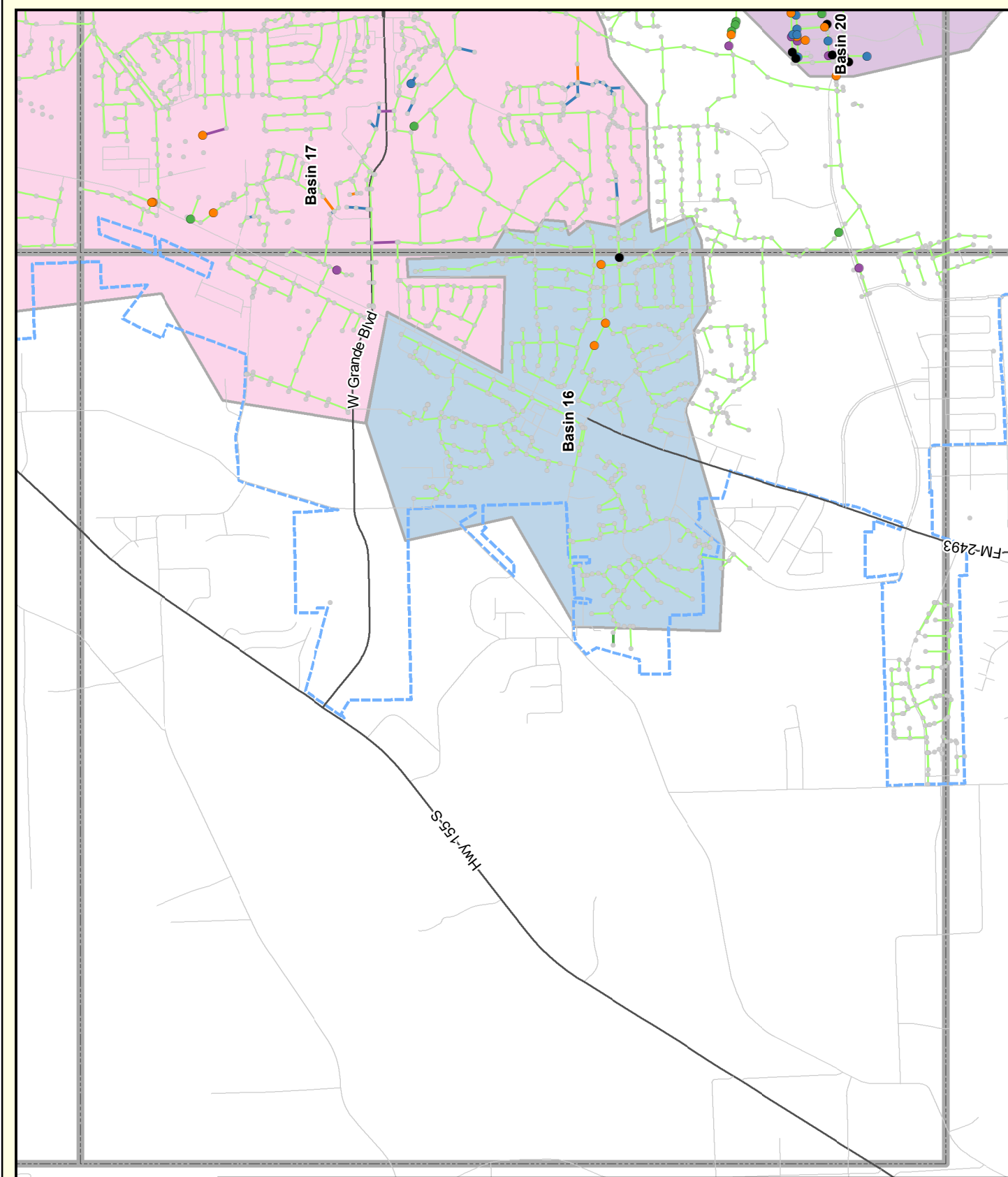


Figure I-1. Condition Assessment Ratings - Year 5





Legend

- Sewer Manholes

Manhole Condition Rating

- A
- B
- C
- D
- E
- X

Sewer Gravity Mains

Gravity Main Condition Rating

- A
- B
- C
- D
- E

Major Roads

Minor Roads

City Limits

Grid Boundaries

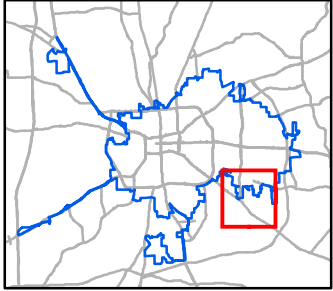


Figure I-1. Condition Assessment Ratings - Year 5

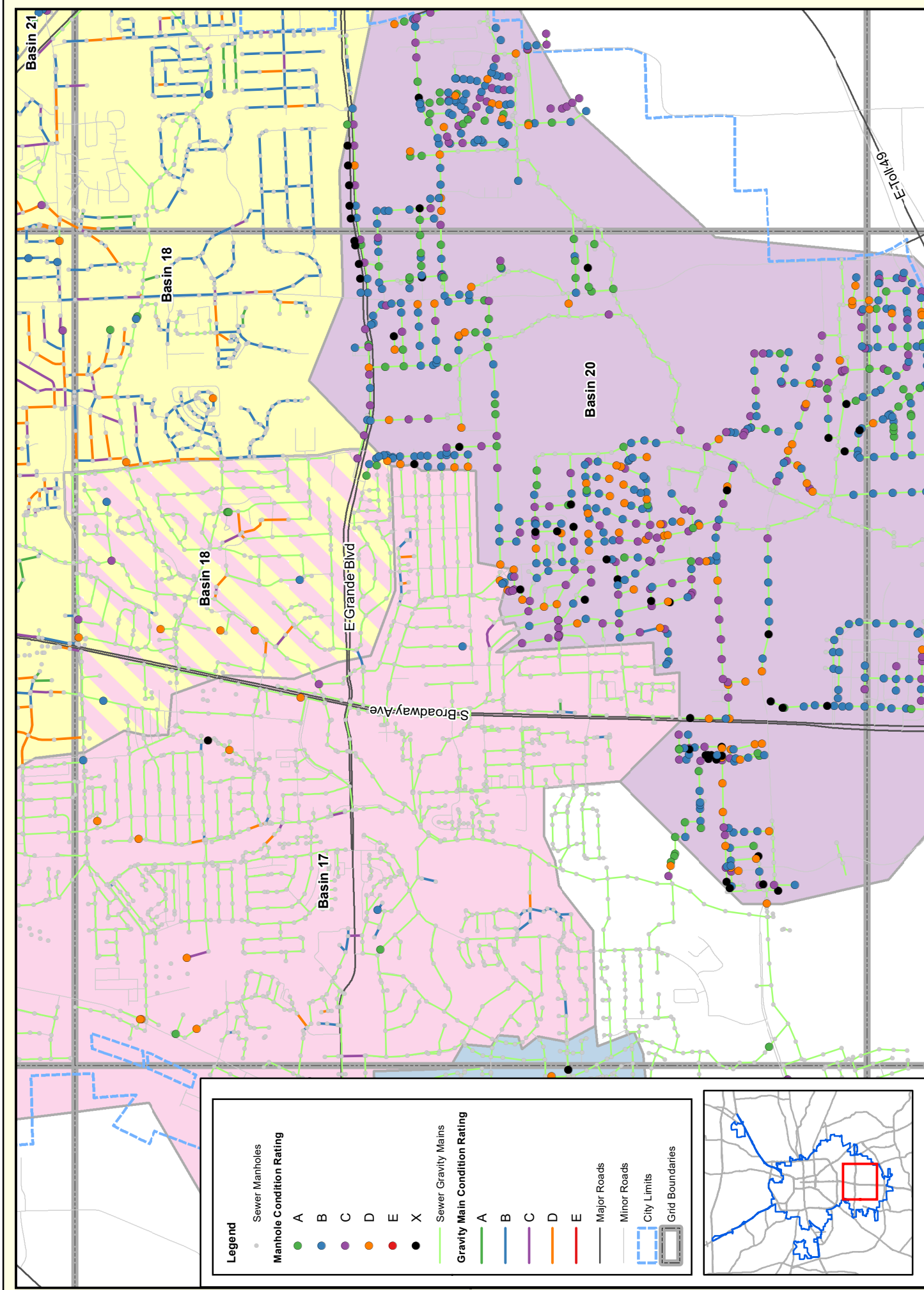


Figure I-1. Condition Assessment Ratings - Year 5

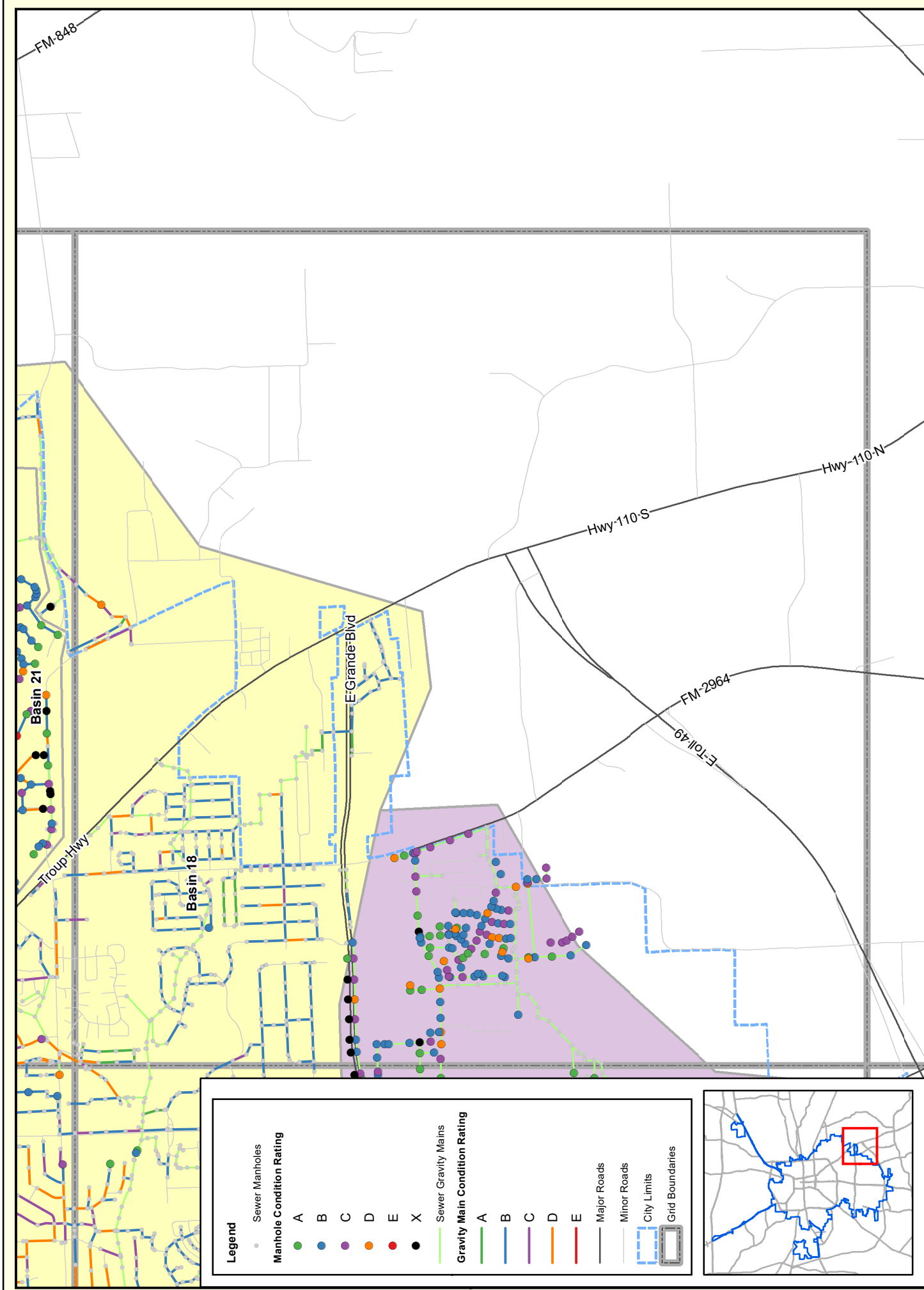


Figure I-1. Condition Assessment Ratings - Year 5



This product is for informational purposes and may not have been prepared for legal use. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.



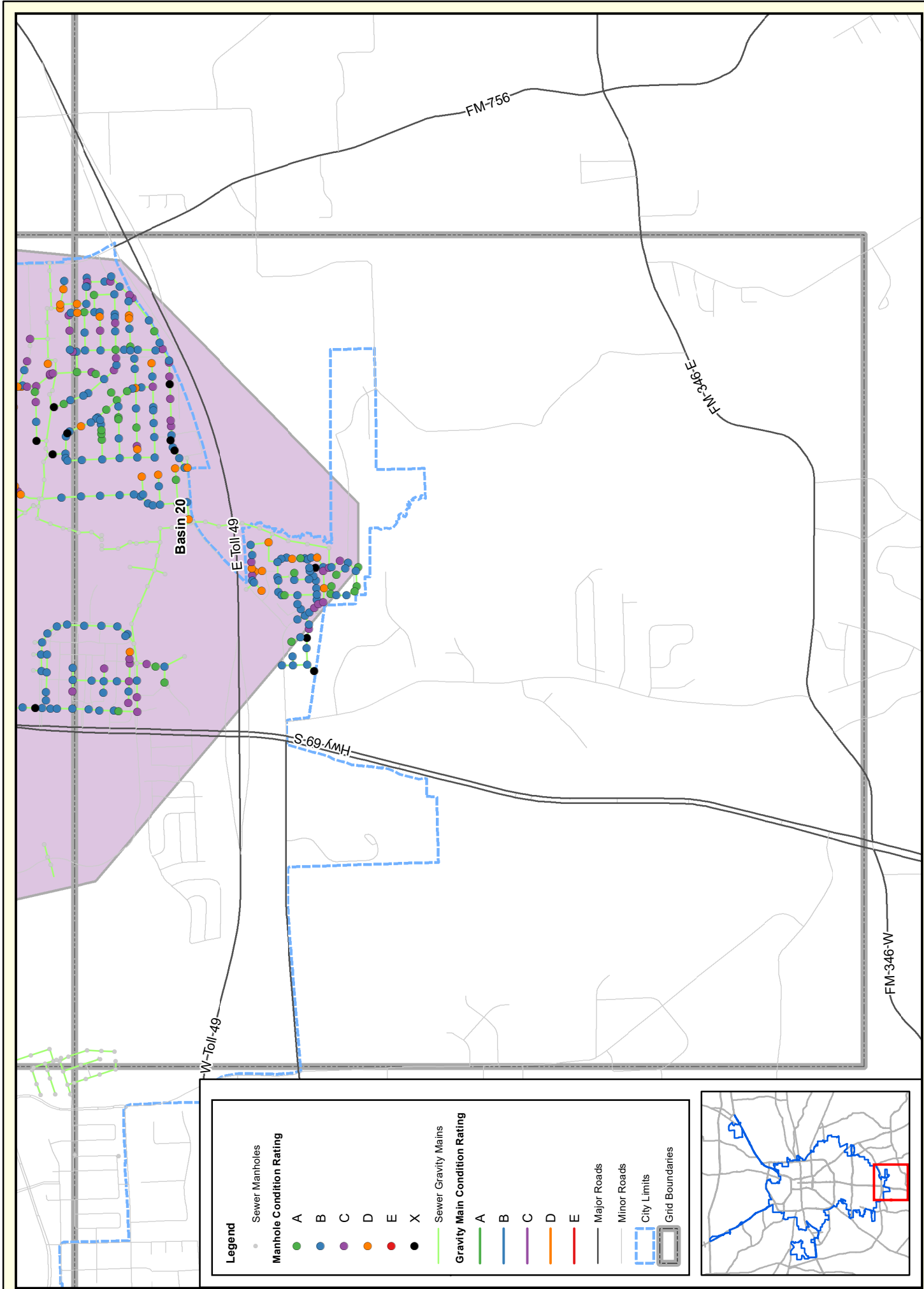
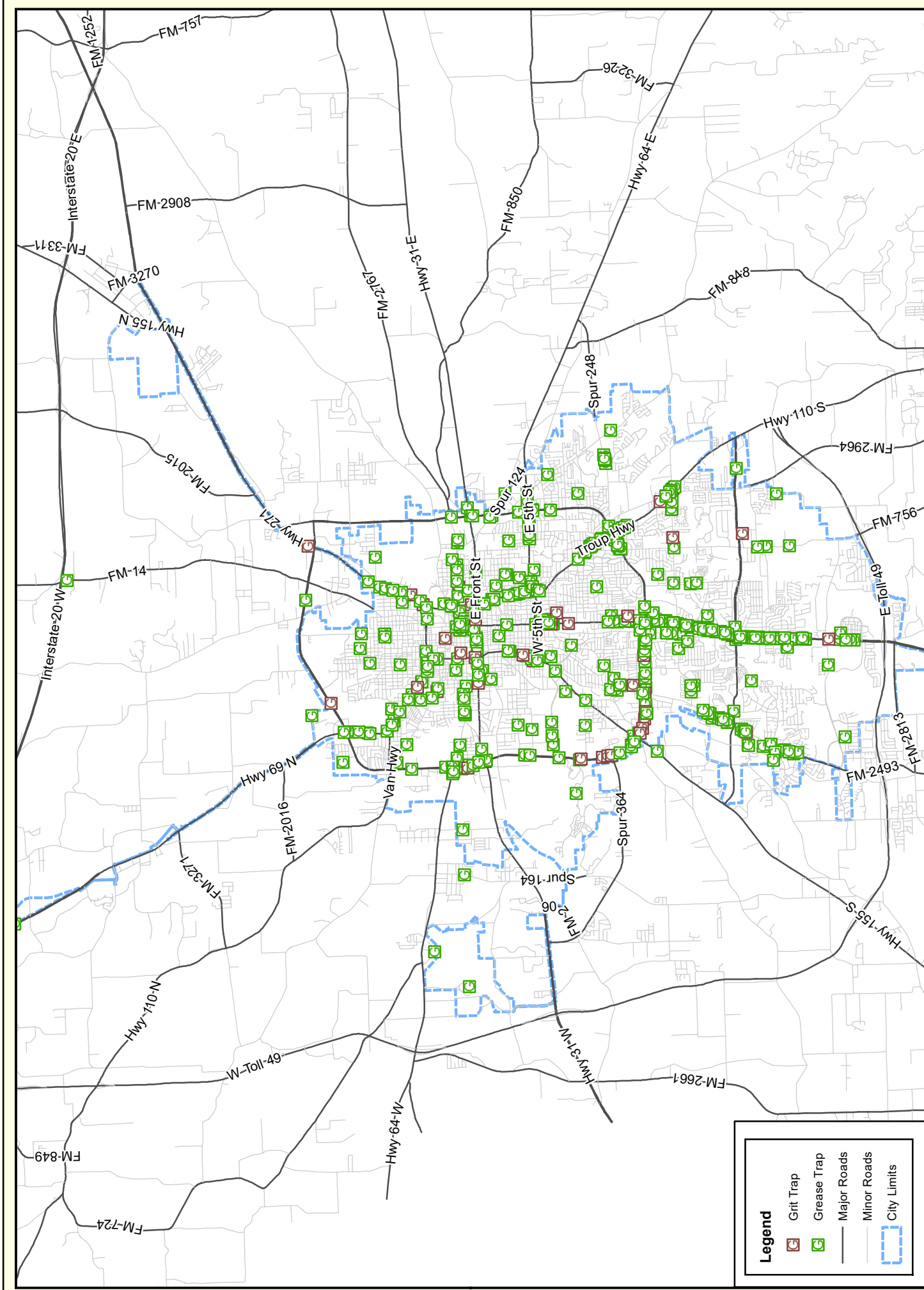


Figure I-1. Condition Assessment Ratings - Year 5



Section J. FOG Enforcement Program (Subparagraph 40.j)

The FOG Enforcement Program is part of Appendix C, FOG Program Manual, of the CMOM Program. As of December 31, 2021, there are 452 food service establishments and 43 grit traps. TWU staff completed 452 grease trap inspections and 43 grit trap inspections during the January 1, 2021 through December 31, 2021 reporting period. No written enforcement actions were initiated during this reporting period. However, eleven (11) sites were revisited to confirm that minor non-compliance issues were resolved; all were resolved satisfactorily. The City's FOG Program utilizes LINKO FOG Software with automated compliance enforcement and reporting capabilities to assist in managing the Program.



**Figure J-1. GRD Location Map
Year 5**

Section K. Completion of Capacity Remedial Measures (Paragraph 56)

An evaluation of potential capacity constraints was completed. Those confirmed capacity constraints and field verification data were used with City of Tyler's hydraulic model to produce the preliminary City-Wide Hydraulic Model Capacity Assessment and Remedial Measures Plan (Plan). Said preliminary Plan was completed and delivered to TWU on 1 September 2020.

After staff review, three (3) groups of capacity work and schedules were developed and used to update the Plan. The City-Wide Hydraulic Model Capacity Assessment and Remedial Measures Plan was transmitted to the EPA and TCEQ on 8 October 2020, and posted on City of Tyler's website.

The initial capacity remedial measures have been under design in 2021 and construction will start in 2022. No capacity remedial measure projects were initiated or completed during the 1 January 2021 through 31 December 2021 reporting period.

Section L. Completion of Condition Remedial Measures (Paragraph 63)

The Group 1 Annual Condition Remedial Measures Plan was submitted to the EPA and TCEQ on 22 June 2018. The Group 2 Annual Condition Remedial Measures Plan was submitted to the EPA and TCEQ on 26 June 2019. The Group 3 Annual Condition Remedial Measures Plan was submitted to the EPA and TCEQ on 19 June 2020. The Group 4 Annual Condition Remedial Measures Plan was submitted to the EPA and TCEQ on 22 June 2021.

Gravity Sewer Line Repairs

Table L-1a is a list of repairs made to 79 gravity sewer lines by City of Tyler during the 1 January 2021 through 31 December 2021 reporting period; said repairs are shown in **Figure L-1a**. Said repairs are in addition to work identified in Condition Remedial Measures Plan(s).

Table L-1b is a list of 4.67 miles of repairs made to 497 gravity sewer lines by third party contractors during the 1 January 2021 through 31 December 2021 reporting period; said repairs are shown in **Figure L-1b**. Said repairs are generally for work identified in Condition Remedial Measures Plan(s).

Table L-1c is a list of work performed in 2021 to all gravity mains called out for remedial activity, i.e. all condition rated D and E gravity mains. This list also includes lines given a C rating if additional work was performed, as well as updates and/or corrections to asset IDs.

Table L-1a: Gravity Sewer Main Repairs - City

Asset ID	Work Order	Date Completed	Address	Repair Type
SS.GM.T0000628	76470	3/5/2021	3400 Cloverdale Dr	Gravity Main
SS.GM.T0006370	77895	1/15/2021	1000 W Gentry Pkwy	Gravity Main
SS.GM.T0005628	78917	3/26/2021	1500 Charlotte Dr	Gravity Main
SS.GM.T0004669	79427	1/30/2021	1218 Sunset Dr	Gravity Main
SS.GM.T0003021	79428	2/11/2021	2441 Sunnybrook Dr	Gravity Main
SS.GM.T0005243	79610	2/2/2021	425 S Palace Ave	Gravity Main
SS.GM.T0005243	79615	2/3/2021	515 Herndon Ave	Gravity Main
SS.GM.T0007169	79855	2/5/2021	1309 Shaw St	Gravity Main
SS.GM.T0001825	81008	3/24/2021	8207 Robert E Lee Dr	Gravity Main
SS.GM.T0009245	83581	3/10/2021	Medical Dr & Doctors Dr	Gravity Main
SS.GM.T0005155	84325	3/30/2021	W Vance St & N Broadway Ave	Gravity Main
SS.GM.T0008234	67596	4/6/2021	1207 N Englewood Ave	Gravity Main
SS.GM.T0000783	70456	5/4/2021	633 W 8th St	Gravity Main
SS.GM.T0003655	70741	4/1/2021	2850 S Southwest Loop 323	Gravity Main
SS.GM.T0006198	72101	5/4/2021	507 Dodge St	Gravity Main
SS.GM.T0008898	72407	5/20/2021	2114 Crestwood Dr	Gravity Main
SS.GM.T0005695	74048	6/1/2021	2301 Debby Dr	Gravity Main
SS.GM.T0009743	78843	4/23/2021	2205 Shaw St	Gravity Main
SS.GM.T0013427	84881	4/20/2021	1401 Everglades Dr	Gravity Main
SS.GM.T0011161	85563	4/20/2021	4573 Cascades Shoreline Dr	Gravity Main
SS.GM.T0004633	86535	5/13/2021	2216 S Southeast Loop 323	Gravity Main
SS.GM.T0007906	86722	4/28/2021	2927 S Southwest Loop 323	Gravity Main
SS.GM.T0003987	87005	6/4/2021	1711 Sequoia Dr	Gravity Main
SS.GM.T0004175	88331	5/14/2021	1215 E Oakwood St	Gravity Main
SS.GM.T0006340	88481	5/18/2021	701 W 2nd St	Gravity Main
SS.GM.T0007177	88808	5/20/2021	1215 S Peach Ave	Gravity Main
SS.GM.T0001294	89280	5/30/2021	5006 Old Bullard Rd	Gravity Main
SS.GM.T0008105	89305	5/28/2021	Grand ave & MLK	Gravity Main
SS.GM.T0008735	89583	6/16/2021	1819 Hankerson St	Gravity Main
SS.GM.T0011650	89939	6/29/2021	7045 Paluxy Dr	Gravity Main
SS.GM.T0009745	90754	6/22/2021	1108 S Lyons Ave	Gravity Main
SS.GM.T0005732	91195	6/25/2021	2713 McDonald Rd,Tyler,TX,75701	Gravity Main
SS.GM.T0002505	79072	8/16/2021	798 Shelley Dr	Gravity Main
SS.GM.T0009241	84186	7/16/2021	S Fleishel Ave	Gravity Main
SS.GM.T0000691	90168	7/13/2021	3727 Fry Ave,Tyler,TX,75701	Gravity Main
SS.GM.T0000849	90312	7/9/2021	2627 Lawndale Dr	Gravity Main
SS.GM.T0005212	90686	7/9/2021	1323 Claude St	Gravity Main
SS.GM.T0004038	91000	7/12/2021	309 Vicksburg Dr	Gravity Main
SS.GM.T0011886	91533	7/1/2021	150 Airport Dr	Gravity Main
SS.GM.T0005276	91597	8/3/2021	3311 Sandalwood Ln	Gravity Main
SS.GM.T0005276	91599	8/4/2021	Sandalwood Ln	Gravity Main
SS.GM.T0005892	91655	7/13/2021	1410 N Grand Ave	Gravity Main
SS.GM.T0007929	91728	7/8/2021	800 Britton Ave	Gravity Main
SS.GM.T0000760	92194	7/22/2021	508 Loftin St	Gravity Main

Table L-1a: Gravity Sewer Main Repairs - City

Asset ID	Work Order	Date Completed	Address	Repair Type
SS.GM.T0007534	92341	7/28/2021	225 Dayton	Gravity Main
SS.GM.T0009146	92361	7/23/2021	305 Charnwood	Gravity Main
SS.GM.T0009146	92362	7/23/2021	301 Charnwood	Gravity Main
SS.GM.T0008180	92388	8/13/2021	1311 W 29th St	Gravity Main
SS.GM.T0008710	94099	8/9/2021	E Amherst St & Cornell Pl	Gravity Main
SS.GM.T0013915	94324	8/13/2021	335 Donna Dr,Tyler,TX,75702	Gravity Main
SS.GM.T0005817	94867	8/23/2021	209 S Thompson Ave	Gravity Main
SS.GM.T0002289	94900	8/30/2021	6700 Hollytree Dr	Gravity Main
SS.GM.T0013455	94999	8/24/2021	1909 Shiloh Rd	Gravity Main
SS.GM.T0000666	95130	8/19/2021	1431 Santa Rosa Dr	Gravity Main
SS.GM.T0006742	52208	9/13/2021	1914 W Erwin St	Gravity Main
SS.GM.T0001834	77225	9/13/2021	8211 Purdue Dr	Gravity Main
SS.GM.T0014763	87116	10/13/2021	512 S Bois D Arc Ave	Gravity Main
SS.GM.T0014563	89368	9/22/2021	1926 Garden Valley Rd	Gravity Main
SS.GM.T0000671	94098	9/29/2021	1415 Rodessa Dr	Gravity Main
SS.GM.T0014233	95726	9/9/2021	117 E Houston St	Gravity Main
SS.GM.T0005496	96102	9/15/2021	823 N Ellis Ave	Gravity Main
SS.GM.T0003408	96619	9/23/2021	509 E Amherst St	Gravity Main
SS.GM.T0005815	96625	9/23/2021	508 Barger St	Gravity Main
SS.GM.T0002740	96928	10/15/2021	903 Pam Dr	Gravity Main
SS.GM.T0012009	97232	10/8/2021	12673 C R 46	Gravity Main
SS.GM.T0004100	97878	10/20/2021	1310 W 34th St	Gravity Main
SS.GM.T0008910	98267	10/18/2021	2308 Alta Mira Dr	Gravity Main
SS.GM.T0014251	98637	10/22/2021	Palmer Ave & E Erwin St	Gravity Main
SS.GM.T0000732	98669	10/28/2021	3215 Paluxy Dr	Gravity Main
SS.GM.T0000433	98821	10/28/2021	3406 Fry Ave	Gravity Main
SS.GM.T0008565	40300	11/30/2021	3031 Tanglewood Dr	Gravity Main
SS.GM.T0005150	84758	11/4/2021	1316 Carlyle Ave	Gravity Main
SS.GM.T0008419	92542	11/3/2021	6153 Hwy 69 N,Tyler,TX,75706	Gravity Main
SS.GM.T0005875	98737	11/8/2021	1010 W 31st St	Gravity Main
SS.GM.T0001749	100846	12/2/2021	4043 Troup Hwy	Gravity Main
SS.GM.T0003737	101131	12/14/2021	909 Chadwick Pl	Gravity Main
SS.GM.T0006099	101294	12/20/2021	S Broadway Ave & E 4th St	Gravity Main
SS.GM.T0003107	102475	12/20/2021	8231 Yale Dr	Gravity Main
SS.GM.T0004945	102585	12/29/2021	2020 S Tipton Ave	Gravity Main
SS.GM.T0009313	102631	12/28/2021	W 5th St & Old Noonday Rd	Gravity Main
SS.GM.T0004187	103553	12/29/2021	1204 E Erwin St	Gravity Main
SS.GM.T0007432	103576	12/29/2021	2705 Rachel ave	Gravity Main

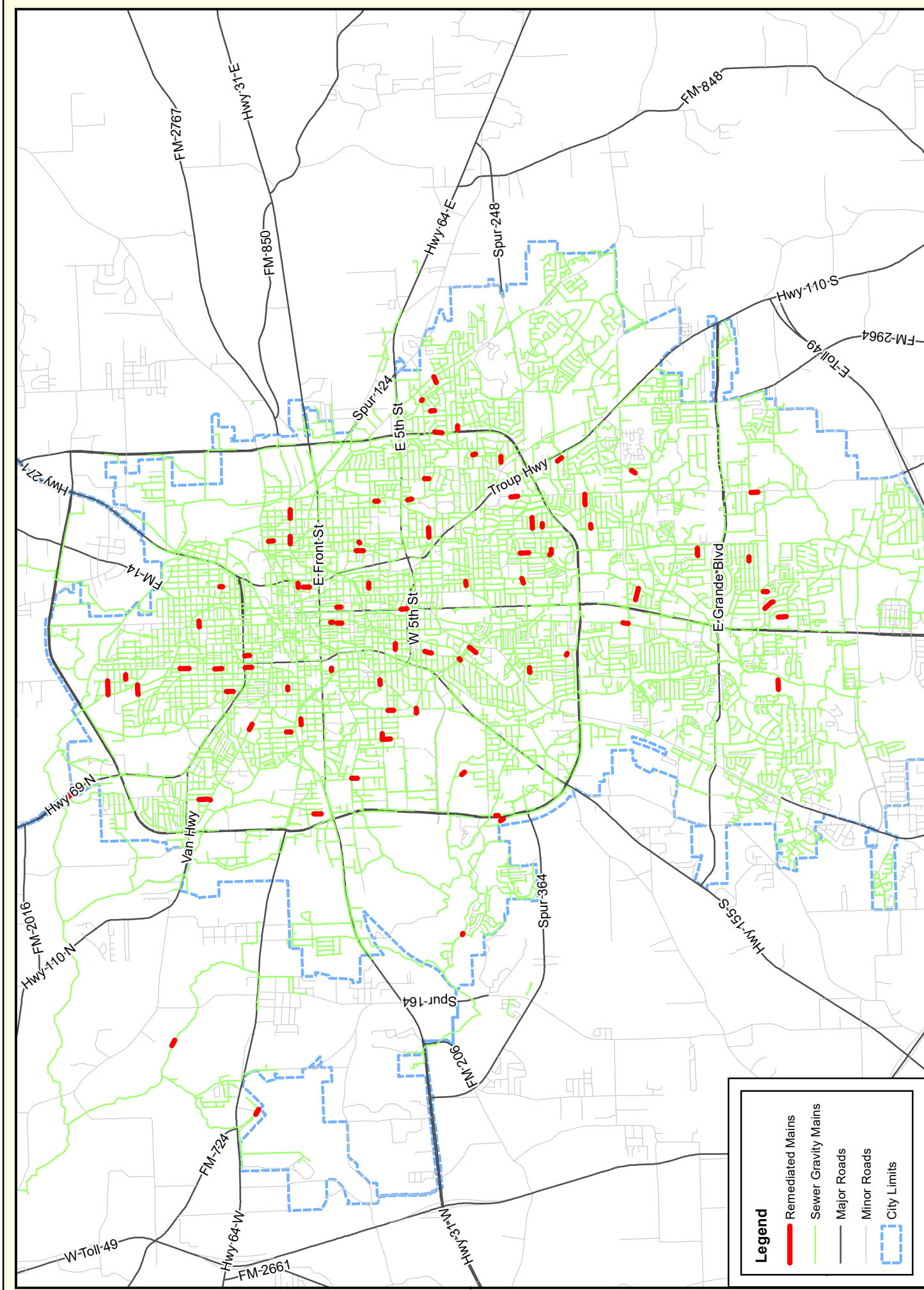


Figure L-1a. City Gravity Main Improvements - Year 5

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired	Entire Pipe Replaced
SS.GM.T0008178	101546	01/20/2021			Yes				383	Yes
SS.GM.T0005161	104302	03/09/2021		Yes						No
SS.GM.T0006624	57483	01/15/2021	2317 W Erwin St		Yes				235	Yes
SS.GM.T0008841	57521	02/17/2021	303 N Bois D Arc Ave, APT B							No
SS.GM.T0013946	58751	01/08/2021	522 N Broadway Ave		Yes				183	Yes
SS.GM.T0006767	58818	01/15/2021	Wildwood Dr & W Front St		Yes				232	Yes
SS.GM.T0004847	90805	03/16/2021			Yes				108	No
SS.GM.T0005514	90817	03/05/2021			Yes				55	Yes
SS.GM.T0005816	90818	01/28/2021			Yes				284	Yes
SS.GM.T0005817	90820	01/26/2021			Yes				380	Yes
SS.GM.T0006188	90821	03/10/2021			Yes				225	Yes
SS.GM.T0006218	90822	02/02/2021			Yes				755	Yes
SS.GM.T0006235	90824	01/30/2021			Yes				50	Yes
SS.GM.T0007084	90830	02/24/2021			Yes				680	Yes
SS.GM.T0007085	90831	02/09/2021			Yes				218	Yes
SS.GM.T0008073	90832	02/04/2021			Yes				141	Yes
SS.GM.T0008073	90833	02/04/2021			Yes				142	Yes
SS.GM.T0008420	90840	03/11/2021			Yes				195	Yes
SS.GM.T0009022	90841	01/29/2021			Yes				141	Yes
SS.GM.T0009023	90842	01/29/2021			Yes				93	Yes
SS.GM.T0009040	90843	02/04/2021			Yes				323	Yes
SS.GM.T0009093	90844	03/04/2021			Yes				589	Yes
SS.GM.T0009166	90845	02/25/2021			Yes				295	Yes
SS.GM.T0013488	90846	03/09/2021			Yes				165	Yes
SS.GM.T0014181	90850	02/08/2021			Yes				115	Yes
SS.GM.T0004139	90861	03/16/2021					Yes	Yes		No
SS.GM.T0004445	90900	03/18/2021					Yes	Yes		No
SS.GM.T0004462	90901	03/30/2021					Yes			No
SS.GM.T0004764	90902	03/31/2021			Yes		Yes			No
SS.GM.T0004765	90903	03/26/2021					Yes	Yes		No
SS.GM.T0004775	90906	03/26/2021								No
SS.GM.T0004825	90909	03/26/2021					Yes	Yes		No
SS.GM.T0004844	90913	03/19/2021					Yes	Yes		No
SS.GM.T0005099	90914	03/26/2021					Yes			No
SS.GM.T0005823	90959	03/18/2021						Yes		No
SS.GM.T0006063	90963	03/19/2021						Yes		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired	Entire Pipe Replaced
SS.GM.T0005145	90964	03/18/2021						Yes		No
SS.GM.T0005166	90966	03/17/2021						Yes		No
SS.GM.T0005389	90978	03/18/2021						Yes		No
SS.GM.T0006306	90981	03/10/2021						Yes		No
SS.GM.T0005803	90982	03/26/2021						Yes		No
SS.GM.T0008225	90993	03/17/2021						Yes		No
SS.GM.T0004489	91179	02/05/2021					Yes		48	No
SS.GM.T0004842	91181	01/27/2021								No
SS.GM.T0005309	91182	01/29/2021		Yes			Yes		187	No
SS.GM.T0005392	91183	01/27/2021		Yes			Yes		285	No
SS.GM.T0005500	91184	01/29/2021		Yes			Yes		82	No
SS.GM.T0005785	91185	03/09/2021								No
SS.GM.T0005794	91186	02/04/2021								No
SS.GM.T0004196	91298	02/08/2021					Yes			No
SS.GM.T0003864	91299	03/02/2021					Yes			No
SS.GM.T0004207	91301	01/14/2021					Yes			No
SS.GM.T0004147	91302	01/25/2021					Yes			No
SS.GM.T0004176	91303	01/13/2021								No
SS.GM.T0004177	91304	01/20/2021					Yes			No
SS.GM.T0004181	91305	01/07/2021					Yes			No
SS.GM.T0004183	91306	02/11/2021					Yes			No
SS.GM.T0004184	91307	01/08/2021					Yes			No
SS.GM.T0004213	91308	01/26/2021					Yes			No
SS.GM.T0004191	91309	01/07/2021					Yes			No
SS.GM.T0004218	91310	01/15/2021					Yes			No
SS.GM.T0004192	91311	03/15/2021					Yes			No
SS.GM.T0004227	91318	01/15/2021					Yes			No
SS.GM.T0004491	91319	02/08/2021					Yes			No
SS.GM.T0004492	91320	01/18/2021					Yes			No
SS.GM.T0004495	91321	02/02/2021								No
SS.GM.T0004236	91323	03/03/2021								No
SS.GM.T0004448	91324	01/12/2021					Yes			No
SS.GM.T0004449	91325	01/09/2021					Yes			No
SS.GM.T0004453	91326	01/12/2021					Yes			No
SS.GM.T0004478	91327	01/18/2021								No
SS.GM.T0004481	91328	02/03/2021					Yes			No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired	Entire Pipe Replaced
SS.GM.T0004486	91329	01/15/2021					Yes			No
SS.GM.T0004570	91345	01/07/2021								No
SS.GM.T0004572	91347	02/03/2021					Yes			No
SS.GM.T0004795	91349	03/29/2021					Yes			No
SS.GM.T0004806	91350	03/10/2021					Yes			No
SS.GM.T0004842	91352	02/12/2021								No
SS.GM.T0004853	91353	03/09/2021								No
SS.GM.T0004892	91355	03/24/2021					Yes			No
SS.GM.T0004985	91356	03/16/2021					Yes			No
SS.GM.T0004893	91357	03/11/2021					Yes			No
SS.GM.T0004843	91358	03/23/2021					Yes			No
SS.GM.T0004987	91359	03/16/2021								No
SS.GM.T0005134	92422	01/26/2021		Yes						No
SS.GM.T0004809	92423	01/04/2021								No
SS.GM.T0005135	92425	03/25/2021					Yes			No
SS.GM.T0005158	92427	03/19/2021					Yes			No
SS.GM.T0005074	92428	01/26/2021								No
SS.GM.T0005075	92429	01/18/2021								No
SS.GM.T0005077	92430	03/08/2021					Yes			No
SS.GM.T0005069	92434	01/29/2021					Yes			No
SS.GM.T0005897	92466	02/02/2021					Yes			No
SS.GM.T0005309	92467	02/05/2021					Yes			No
SS.GM.T0005162	92468	03/19/2021					Yes			No
SS.GM.T0005391	92469	01/20/2021					Yes			No
SS.GM.T0005504	92470	02/08/2021					Yes			No
SS.GM.T0005796	92471	03/09/2021					Yes			No
SS.GM.T0005374	92472	01/20/2021					Yes			No
SS.GM.T0005392	92473	01/27/2021					Yes			No
SS.GM.T0005397	92474	01/21/2021					Yes			No
SS.GM.T0005500	92475	02/04/2021					Yes			No
SS.GM.T0005782	92476	03/05/2021					Yes			No
SS.GM.T0005785	92477	03/06/2021								No
SS.GM.T0005794	92478	03/09/2021								No
SS.GM.T0005891	92479	03/18/2021					Yes			No
SS.GM.T0005893	92480	02/04/2021					Yes			No
SS.GM.T0006049	92558	03/31/2021					Yes			No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired	Entire Pipe Replaced
SS.GM.T0006057	92559	03/30/2021					Yes			No
SS.GM.T0006072	92560	02/02/2021					Yes			No
SS.GM.T0006074	92561	02/01/2021					Yes			No
SS.GM.T0006085	92563	03/26/2021					Yes			No
SS.GM.T0006089	92564	03/02/2021					Yes			No
SS.GM.T0006090	92566	03/29/2021					Yes			No
SS.GM.T0006200	92569	03/04/2021					Yes			No
SS.GM.T0006159	92570	03/12/2021					Yes			No
SS.GM.T0006262	92600	03/12/2021					Yes			No
SS.GM.T0006201	92601	02/10/2021					Yes			No
SS.GM.T0006203	92606	02/11/2021								No
SS.GM.T0006211	92607	03/04/2021								No
SS.GM.T0006223	92609	03/09/2021					Yes			No
SS.GM.T0006225	92610	03/04/2021								No
SS.GM.T0006250	92614	03/09/2021					Yes			No
SS.GM.T0006512	92616	03/04/2021					Yes			No
SS.GM.T0006518	92619	03/08/2021					Yes			No
SS.GM.T0006519	92621	02/01/2021					Yes			No
SS.GM.T0006510	92623	03/16/2021					Yes			No
SS.GM.T0006482	92627	02/10/2021					Yes			No
SS.GM.T0006491	92628	02/09/2021					Yes			No
SS.GM.T0006503	92629	03/04/2021					Yes			No
SS.GM.T0006523	92633	02/11/2021					Yes			No
SS.GM.T0007025	92640	01/26/2021					Yes			No
SS.GM.T0007043	92642	01/26/2021					Yes			No
SS.GM.T0007077	92644	03/30/2021								No
SS.GM.T0007402	92653	03/23/2021					Yes			No
SS.GM.T0007956	92656	02/12/2021								No
SS.GM.T0008097	92660	03/03/2021					Yes			No
SS.GM.T0008121	92661	01/25/2021					Yes			No
SS.GM.T0008236	92662	02/11/2021					Yes			No
SS.GM.T0008283	92663	01/28/2021					Yes			No
SS.GM.T0008966	92665	03/22/2021					Yes			No
SS.GM.T0009195	92673	03/25/2021					Yes			No
SS.GM.T0009198	92675	03/25/2021								No
SS.GM.T0009031	92676	03/18/2021					Yes			No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired	Entire Pipe Replaced
SS.GM.T0009196	92679	03/30/2021					Yes			No
SS.GM.T0009032	92680	03/23/2021					Yes			No
SS.GM.T0009033	92681	03/24/2021					Yes			No
SS.GM.T0009155	92684	03/05/2021						Yes		No
SS.GM.T0009194	92687	03/29/2021					Yes			No
SS.GM.T0013261	92698	01/22/2021					Yes			No
SS.GM.T0014104	92700	03/18/2021					Yes			No
SS.GM.T0008053	92730	03/16/2021						Yes		No
SS.GM.T0006186	104243	06/07/2021								No
SS.GM.T0007121	104303	04/22/2021					Yes			No
SS.GM.T0009255	104304	04/07/2021								No
SS.GM.T0006084	104305	04/06/2021					Yes			No
SS.GM.T0006040	104309	05/04/2021					Yes			No
SS.GM.T0004166	90852	06/24/2021				Yes				No
SS.GM.T0004217	90898	04/20/2021					Yes	Yes		No
SS.GM.T0004437	90899	06/09/2021						Yes		No
SS.GM.T0005125	90956	04/01/2021								No
SS.GM.T0006340	90957	04/07/2021						Yes		No
SS.GM.T0008972	90958	04/07/2021						Yes		No
SS.GM.T0005901	90961	04/14/2021						Yes		No
SS.GM.T0005132	90962	04/12/2021						Yes		No
SS.GM.T0006095	90965	04/06/2021						Yes		No
SS.GM.T0006109	90967	04/13/2021						Yes		No
SS.GM.T0005168	90968	04/15/2021						Yes		No
SS.GM.T0013955	90969	06/10/2021						Yes		No
SS.GM.T0005311	90970	04/15/2021						Yes		No
SS.GM.T0006269	90971	04/07/2021						Yes		No
SS.GM.T0006342	90972	04/08/2021						Yes		No
SS.GM.T0008993	90973	04/08/2021						Yes		No
SS.GM.T0005313	90974	04/15/2021						Yes		No
SS.GM.T0006301	90975	04/07/2021						Yes		No
SS.GM.T0006343	90976	04/08/2021						Yes		No
SS.GM.T0009000	90977	04/08/2021						Yes		No
SS.GM.T0009020	90979	06/15/2021								No
SS.GM.T0006370	90980	06/08/2021						Yes		No
SS.GM.T0009025	90983	04/09/2021						Yes		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired	Entire Pipe Replaced
SS.GM.T0007045	90984	04/21/2021						Yes		No
SS.GM.T0006339	90985	04/07/2021						Yes		No
SS.GM.T0009038	90986	04/09/2021						Yes		No
SS.GM.T0007049	90987	04/21/2021						Yes		No
SS.GM.T0009085	90988	04/09/2021						Yes		No
SS.GM.T0008031	90989	06/09/2021						Yes		No
SS.GM.T0009163	90990	05/27/2021						Yes		No
SS.GM.T0008117	90991	04/06/2021					Yes			No
SS.GM.T0013046	90992	04/13/2021						Yes		No
SS.GM.T0008265	90994	04/13/2021						Yes		No
SS.GM.T0006199	91165	06/18/2021		Yes					145	Yes
SS.GM.T0006207	91166	06/11/2021		Yes					295	Yes
SS.GM.T0006209	91167	06/17/2021		Yes					474	Yes
SS.GM.T0014774	91168	06/12/2021		Yes					20	Yes
SS.GM.T0001205	91178	06/02/2021						Yes		No
SS.GM.T0004500	91180	06/01/2021								No
SS.GM.T0006345	91187	06/03/2021		Yes			Yes		185	No
SS.GM.T0009184	91188	05/13/2021		Yes			Yes		316	No
SS.GM.T0003870	91300	05/26/2021					Yes			No
SS.GM.T0001160	91312	05/25/2021					Yes			No
SS.GM.T0004490	91317	06/01/2021								No
SS.GM.T0004234	91322	05/01/2021								No
SS.GM.T0004489	91330	04/26/2021					Yes			No
SS.GM.T0004896	91346	05/21/2021					Yes			No
SS.GM.T0004669	91348	05/02/2021								No
SS.GM.T0004820	91351	05/06/2021								No
SS.GM.T0004897	91354	05/27/2021					Yes			No
SS.GM.T0005117	92431	04/28/2021					Yes			No
SS.GM.T0005043	92433	06/11/2021					Yes			No
SS.GM.T0006167	92556	05/27/2021								No
SS.GM.T0006036	92557	04/21/2021					Yes			No
SS.GM.T0006083	92562	04/08/2021					Yes			No
SS.GM.T0006192	92565	05/25/2021								No
SS.GM.T0006193	92567	05/26/2021					Yes			No
SS.GM.T0006098	92568	04/01/2021					Yes			No
SS.GM.T0006265	92602	04/27/2021					Yes			No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired	Entire Pipe Replaced
SS.GM.T0006283	92603	05/04/2021								No
SS.GM.T0006310	92604	04/20/2021					Yes			No
SS.GM.T0006313	92605	04/20/2021								No
SS.GM.T0006217	92608	05/08/2021								No
SS.GM.T0006231	92611	05/10/2021								No
SS.GM.T0006244	92612	06/10/2021								No
SS.GM.T0006247	92613	05/07/2021								No
SS.GM.T0006325	92617	04/08/2021					Yes			No
SS.GM.T0006332	92618	04/06/2021					Yes			No
SS.GM.T0006333	92620	06/15/2021								No
SS.GM.T0006336	92622	04/05/2021					Yes			No
SS.GM.T0006511	92624	04/21/2021					Yes			No
SS.GM.T0006337	92625	04/12/2021					Yes			No
SS.GM.T0006345	92626	06/04/2021					Yes			No
SS.GM.T0006505	92630	04/21/2021					Yes			No
SS.GM.T0007122	92634	05/07/2021					Yes			No
SS.GM.T0007124	92635	05/06/2021								No
SS.GM.T0006870	92636	04/22/2021								No
SS.GM.T0007029	92637	04/14/2021					Yes			No
SS.GM.T0007127	92638	04/28/2021					Yes			No
SS.GM.T0007075	92641	04/13/2021					Yes			No
SS.GM.T0007076	92643	04/13/2021					Yes			No
SS.GM.T0007089	92645	04/27/2021								No
SS.GM.T0007106	92646	04/01/2021					Yes			No
SS.GM.T0007116	92647	04/23/2021					Yes			No
SS.GM.T0008998	92652	04/28/2021					Yes			No
SS.GM.T0007709	92654	04/22/2021					Yes			No
SS.GM.T0007875	92655	04/12/2021					Yes			No
SS.GM.T0008280	92657	04/26/2021					Yes			No
SS.GM.T0007962	92659	04/14/2021					Yes			No
SS.GM.T0008442	92664	05/19/2021					Yes			No
SS.GM.T0008999	92674	04/28/2021					Yes			No
SS.GM.T0009191	92678	05/18/2021					Yes			No
SS.GM.T0009111	92682	04/26/2021								No
SS.GM.T0009141	92683	04/08/2021					Yes			No
SS.GM.T0009184	92685	05/13/2021					Yes			No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired	Entire Pipe Replaced
SS.GM.T0009192	92686	06/09/2021					Yes			No
SS.GM.T0009218	92691	04/09/2021					Yes			No
SS.GM.T0009219	92692	05/06/2021					Yes			No
SS.GM.T0009288	92693	06/02/2021					Yes			No
SS.GM.T0009382	92694	06/04/2021								No
SS.GM.T0009384	92695	04/26/2021								No
SS.GM.T0009712	92696	04/30/2021					Yes			No
SS.GM.T0009715	92697	05/03/2021								No
SS.GM.T0009820	92699	04/23/2021					Yes			No
SS.GM.T0005144	92703	06/21/2021		Yes					142	No
SS.GM.T0005403	92704	06/29/2021		Yes					381.5	No
SS.GM.T0005396	92713	06/22/2021						Yes		No
SS.GM.T0005496	92726	06/22/2021						Yes		No
SS.GM.T0007068	92727	06/23/2021					Yes			No
SS.GM.T0007071	92728	06/28/2021						Yes		No
SS.GM.T0007706	92729	04/21/2021						Yes		No
SS.GM.T0008079	92731	04/20/2021						Yes		No
SS.GM.T0008986	92732	06/28/2021						Yes		No
SS.GM.T0008992	92733	06/23/2021						Yes		No
SS.GM.T0003861	95954	06/24/2021						Yes		No
SS.GM.T0005868	95955	06/29/2021					Yes			No
SS.GM.T0008147	95956	06/28/2021					Yes			No
SS.GM.T0005348	95957	06/25/2021					Yes			No
SS.GM.T0008161	95958	06/28/2021					Yes			No
SS.GM.T0008328	95959	06/28/2021				Yes	Yes			No
SS.GM.T0000269	98301	06/15/2021				Yes				No
SS.GM.T0003896	101589	09/17/2021		Yes					739	Yes
SS.GM.T0003909	101590	09/24/2021		Yes					530	Yes
SS.GM.T0013036	101592	09/27/2021		Yes					40	Yes
SS.GM.T0003863	101610	09/08/2021					Yes			No
SS.GM.T0004099	101612	08/21/2021					Yes			No
SS.GM.T0004117	101616	08/16/2021					Yes			No
SS.GM.T0004130	101617	07/14/2021					Yes			No
SS.GM.T0004131	101618	07/15/2021					Yes			No
SS.GM.T0004123	101619	07/21/2021					Yes			No
SS.GM.T0004390	101621	08/21/2021					Yes			No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired	Entire Pipe Replaced
SS.GM.T0004392	101622	09/07/2021					Yes			No
SS.GM.T0004397	101623	09/03/2021					Yes			No
SS.GM.T0004403	101624	09/08/2021					Yes			No
SS.GM.T0004402	101625	09/06/2021					Yes			No
SS.GM.T0005108	101635	08/31/2021					Yes			No
SS.GM.T0005350	101636	07/08/2021					Yes			No
SS.GM.T0005549	101642	07/08/2021					Yes			No
SS.GM.T0005567	101644	08/21/2021					Yes			No
SS.GM.T0007033	101652	07/20/2021					Yes			No
SS.GM.T0007023	101654	07/21/2021					Yes			No
SS.GM.T0007041	101655	08/16/2021					Yes			No
SS.GM.T0007356	101656	09/09/2021					Yes			No
SS.GM.T0007472	101657	09/10/2021					Yes			No
SS.GM.T0008104	101659	08/21/2021					Yes			No
SS.GM.T0008107	101660	07/21/2021					Yes			No
SS.GM.T0008106	101661	07/21/2021					Yes			No
SS.GM.T0008111	101662	09/03/2021					Yes			No
SS.GM.T0008113	101663	07/22/2021					Yes			No
SS.GM.T0008112	101665	09/04/2021					Yes			No
SS.GM.T0008132	101666	09/15/2021					Yes			No
SS.GM.T0008144	101667	07/21/2021					Yes			No
SS.GM.T0008180	101668	09/10/2021					Yes			No
SS.GM.T0008183	101669	07/24/2021					Yes			No
SS.GM.T0008185	101670	08/21/2021					Yes			No
SS.GM.T0008188	101671	07/23/2021					Yes			No
SS.GM.T0008191	101672	07/24/2021					Yes			No
SS.GM.T0008200	101673	08/31/2021					Yes			No
SS.GM.T0008231	101675	07/21/2021					Yes			No
SS.GM.T0008334	101676	09/01/2021					Yes			No
SS.GM.T0008325	101677	07/21/2021					Yes			No
SS.GM.T0008339	101678	09/02/2021					Yes			No
SS.GM.T0008343	101679	07/23/2021					Yes			No
SS.GM.T0009816	101680	09/13/2021					Yes			No
SS.GM.T0009883	101681	08/16/2021					Yes			No
SS.GM.T0009898	101683	08/16/2021					Yes			No
SS.GM.T0009823	101684	09/14/2021					Yes			No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired	Entire Pipe Replaced
SS.GM.T0009911	101685	08/16/2021					Yes			No
SS.GM.T0010075	101687	08/16/2021					Yes			No
SS.GM.T0010369	101690	08/16/2021					Yes			No
SS.GM.T0012436	101700	08/16/2021					Yes			No
SS.GM.T0012561	101703	08/16/2021					Yes			No
SS.GM.T0014048	101708	07/26/2021					Yes			No
SS.GM.T0014438	101711	08/21/2021					Yes			No
SS.GM.T0000447	101712	08/31/2021					Yes			No
SS.GM.T0006069	104247	08/31/2021								No
SS.GM.T0014112	104250	08/17/2021								No
SS.GM.T0007150	58870	07/01/2021	1511 Bellwood Rd				Yes	Yes	2.5	No
SS.GM.T0011608	72743	08/31/2021	8521 Paluxy Dr							No
SS.GM.T0007069	92639	07/13/2021								No
SS.GM.T0007867	92658	07/21/2021					Yes			No
SS.GM.T0009213	92677	07/01/2021					Yes			No
SS.GM.T0009253	92701	07/16/2021		Yes					391	No
SS.GM.T0004891	92702	07/14/2021								No
SS.GM.T0006060	92705	07/07/2021		Yes					103	No
SS.GM.T0006198	92706	07/01/2021		Yes					328	No
SS.GM.T0008964	92707	07/16/2021		Yes					303	No
SS.GM.T0009229	92708	07/14/2021		Yes					344	No
SS.GM.T0009285	92709	07/01/2021		Yes					355	No
SS.GM.T0006160	92710	07/06/2021		Yes					144	No
SS.GM.T0009142	92711	07/13/2021		Yes					312	No
SS.GM.T0009231	93158	07/23/2021		Yes					146	Yes
SS.GM.T0014196	93159	07/22/2021		Yes					352	Yes
SS.GM.T0004180	93160	07/21/2021		Yes					184	Yes
SS.GM.T0006129	93632	07/28/2021								No
SS.GM.T0005902	93633	07/27/2021								No
SS.GM.T0006323	93634	07/28/2021								No
SS.GM.T0005394	94576	08/16/2021						Yes		No
SS.GM.T0005802	94577	07/13/2021						Yes		No
SS.GM.T0005804	94578	07/28/2021						Yes		No
SS.GM.T0006236	94579	08/09/2021								No
SS.GM.T0006298	94594	07/13/2021						Yes		No
SS.GM.T0009105	94596	08/10/2021								No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired	Entire Pipe Replaced
SS.GM.T0009230	94681	08/12/2021		Yes					441	Yes
SS.GM.T0004163	95343	08/17/2021						Yes		No
SS.GM.T0004439	95344	08/17/2021						Yes		No
SS.GM.T0004456	95345	09/27/2021						Yes		No
SS.GM.T0006299	95347	08/20/2021						Yes		No
SS.GM.T0006304	95348	08/18/2021						Yes		No
SS.GM.T0005490	95565	09/01/2021						Yes		No
SS.GM.T0006514	95566	09/02/2021						Yes		No
SS.GM.T0005814	95577	07/14/2021					Yes			No
SS.GM.T0007884	95578	07/26/2021			Yes				393	Yes
SS.GM.T0009274	95579	07/19/2021			Yes				156	Yes
SS.GM.T0014192	95580	07/19/2021			Yes				247	Yes
SS.GM.T0006998	95581	07/12/2021			Yes				350	Yes
SS.GM.T0012038	95582	07/12/2021			Yes				322	Yes
SS.GM.T0005126	95585	07/12/2021					Yes			No
SS.GM.T0006176	95586	08/19/2021					Yes			No
SS.GM.T0006297	95587	07/12/2021					Yes			No
SS.GM.T0008847	95588	07/12/2021					Yes			No
SS.GM.T0008976	95589	07/13/2021					Yes			No
SS.GM.T0009302	95590	07/13/2021					Yes			No
SS.GM.T0005493	95947	09/10/2021						Yes		No
SS.GM.T0005367	95948	09/09/2021						Yes		No
SS.GM.T0003902	95962	07/21/2021					Yes			No
SS.GM.T0003911	95963	07/21/2021					Yes			No
SS.GM.T0004096	95964	07/13/2021					Yes			No
SS.GM.T0004122	95965	07/21/2021					Yes			No
SS.GM.T0003860	95966	07/09/2021					Yes			No
SS.GM.T0003900	95968	07/21/2021					Yes			No
SS.GM.T0004821	96396	09/13/2021						Yes		No
SS.GM.T0009178	96398	09/13/2021						Yes		No
SS.GM.T0009270	96401	09/09/2021						Yes		No
SS.GM.T0006484	96403	09/17/2021		Yes					474	Yes
SS.GM.T0007876	96406	09/09/2021		Yes					225	Yes
SS.GM.T0008122	96731	09/15/2021						Yes		No
SS.GM.T0004785	96732	09/13/2021						Yes		No
SS.GM.T0005885	96733	09/14/2021						Yes		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired	Entire Pipe Replaced
SS.GM.T0008010	96734	09/14/2021						Yes		No
SS.GM.T0008054	96735	09/15/2021						Yes		No
SS.GM.T0009176	96737	09/16/2021						Yes		No
SS.GM.T0005582	96783	09/23/2021						Yes		No
SS.GM.T0005501	96784	09/21/2021		Yes					246	Yes
SS.GM.T0005510	96785	09/24/2021		Yes					300	Yes
SS.GM.T0005369	98938	09/27/2021					Yes			No
SS.GM.T0005307	98939	09/01/2021					Yes			No
SS.GM.T0005380	98940	09/23/2021					Yes			No
SS.GM.T0005494	98941	09/25/2021					Yes			No
SS.GM.T0006097	98944	08/27/2021					Yes			No
SS.GM.T0008317	98960	09/27/2021						Yes		No
SS.GM.T0008526	98961	09/27/2021					Yes			No
SS.GM.T0014187	98966	09/27/2021					Yes			No
SS.GM.T0008140	101535	12/29/2021			Yes				243	Yes
SS.GM.T0003871	101536	11/14/2021			Yes				449	Yes
SS.GM.T0005564	101537	11/22/2021			Yes				447	Yes
SS.GM.T0003910	101538	11/18/2021			Yes				166	Yes
SS.GM.T0005565	101539	12/02/2021			Yes				727	Yes
SS.GM.T0008146	101540	11/16/2021			Yes				255	Yes
SS.GM.T0008173	101541	12/14/2021			Yes				434	Yes
SS.GM.T0008175	101543	12/26/2021			Yes				269	Yes
SS.GM.T0008176	101544	12/26/2021			Yes				300	Yes
SS.GM.T0008177	101545	11/23/2021			Yes				371	Yes
SS.GM.T0008179	101547	11/22/2021			Yes				277	Yes
SS.GM.T0008182	101548	11/24/2021			Yes				270	Yes
SS.GM.T0008186	101549	12/29/2021			Yes				441	Yes
SS.GM.T0008190	101550	11/16/2021			Yes				177	Yes
SS.GM.T0008195	101551	12/08/2021			Yes				283	Yes
SS.GM.T0008201	101552	12/04/2021			Yes				279	Yes
SS.GM.T0009726	101553	12/10/2021			Yes				209	Yes
SS.GM.T0014100	101554	12/21/2021			Yes				818	Yes
SS.GM.T0005855	101591	10/02/2021		Yes					472	Yes
SS.GM.T0006272	101593	10/23/2021		Yes					600	Yes
SS.GM.T0006365	101594	10/27/2021		Yes					321	Yes
SS.GM.T0002357	101607	12/22/2021					Yes			No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired	Entire Pipe Replaced
SS.GM.T0002358	101609	12/22/2021					Yes			No
SS.GM.T0004113	101614	12/22/2021					Yes			No
SS.GM.T0004114	101615	12/22/2021					Yes			No
SS.GM.T0009943	101686	11/08/2021					Yes			No
SS.GM.T0010218	101688	10/28/2021					Yes			No
SS.GM.T0011865	101697	12/11/2021					Yes			No
SS.GM.T0012435	101698	11/08/2021					Yes			No
SS.GM.T0012623	101704	11/09/2021					Yes			No
SS.GM.T0005115	103842	11/04/2021						Yes		No
SS.GM.T0006267	104262	10/09/2021								No
SS.GM.T0005115	104264	11/04/2021						Yes		No
SS.GM.T0007885	104292	10/04/2021						Yes		No
SS.GM.T0009017	104293	11/13/2021				Yes				No
SS.GM.T0008737	104294	11/11/2021				Yes				No
SS.GM.T0009272	104295	11/03/2021					Yes			No
SS.GM.T0009124	104299	12/21/2021					Yes			No
SS.GM.T0006270	104410	10/09/2021								No
SS.GM.T0014140	104651	12/20/2021			Yes					No
SS.GM.T0009115	104652	12/20/2021			Yes					No
SS.GM.T0006296	104654	12/20/2021				Yes				No
SS.GM.T0008994	104655	12/20/2021				Yes				No
SS.GM.T0007857	104673	12/31/2021						Yes		No
SS.GM.T0009275	104675	12/31/2021						Yes		No
SS.GM.T0007709	107337	11/10/2021								No
SS.GM.T0004847	107338	10/29/2021								No
SS.GM.T0004477	107339	11/10/2021								No
SS.GM.T0004466	107340	11/19/2021								No
SS.GM.T0007473	107341	11/30/2021								No
SS.GM.T0008542	107342	11/08/2021					Yes			No
SS.GM.T0007001	107343	11/09/2021					Yes			No
SS.GM.T0009122	107345	12/09/2021		Yes						No
SS.GM.T0005087	107346	12/09/2021								No
SS.GM.T0005088	107347	12/09/2021								No
SS.GM.T0009146	107349	11/10/2021				Yes				No
SS.GM.T0006164	90853	11/16/2021				Yes				No
SS.GM.T0008070	90857	11/12/2021				Yes				No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired	Entire Pipe Replaced
SS.GM.T0009140	90858	11/12/2021				Yes				No
SS.GM.T0004465	95346	10/07/2021								No
SS.GM.T0007957	98459	10/07/2021		Yes					522	No
SS.GM.T0013504	98460	10/15/2021		Yes					368	No
SS.GM.T0005041	98936	10/09/2021					Yes			No
SS.GM.T0005098	98937	10/13/2021					Yes			No
SS.GM.T0005800	98942	10/12/2021					Yes			No
SS.GM.T0006104	98945	10/19/2021					Yes			No
SS.GM.T0006152	98947	10/07/2021					Yes			No
SS.GM.T0006108	98948	10/11/2021						Yes		No
SS.GM.T0006165	98949	10/06/2021					Yes			No
SS.GM.T0006180	98950	10/07/2021					Yes			No
SS.GM.T0006295	98951	10/18/2021					Yes			No
SS.GM.T0007082	98953	10/14/2021					Yes			No
SS.GM.T0007886	98955	11/03/2021					Yes			No
SS.GM.T0008043	98956	10/18/2021					Yes			No
SS.GM.T0008091	98957	10/06/2021					Yes			No
SS.GM.T0008120	98959	10/11/2021					Yes			No
SS.GM.T0009056	98962	11/11/2021					Yes			No
SS.GM.T0013207	98964	11/17/2021					Yes			No
SS.GM.T0009245	98965	10/23/2021					Yes			No
SS.GM.T0014191	98967	10/14/2021					Yes			No
SS.GM.T0014180	98968	10/29/2021					Yes			No
SS.GM.T0014218	98969	10/08/2021					Yes			No
SS.GM.T0014763	98970	10/08/2021					Yes			No
SS.GM.T0008033	99207	10/20/2021					Yes			No
SS.GM.T0003696	99902	11/02/2021		Yes						No
SS.GM.T0004150	99904	10/12/2021		Yes						No
SS.GM.T0005122	99906	12/21/2021		Yes						No
SS.GM.T0005507	99907	11/09/2021		Yes						No
SS.GM.T0006168	99908	12/15/2021		Yes						No
SS.GM.T0006276	99909	10/26/2021		Yes						No
SS.GM.T0006347	99910	11/16/2021		Yes						No
SS.GM.T0008321	99912	12/08/2021		Yes						No
SS.GM.T0008447	99913	12/01/2021								No
SS.GM.T0008988	99914	10/21/2021		Yes						No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired	Entire Pipe Replaced
SS.GM.T0008974	99915	11/05/2021		Yes						No
SS.GM.T0009069	99916	12/23/2021		Yes						No
SS.GM.T0009145	99917	12/15/2021		Yes						No
SS.GM.T0014153	99918	11/24/2021		Yes						No
SS.GM.T0009294	99979	10/11/2021					Yes			No
SS.GM.T0009110	99983	10/15/2021					Yes			No
										24,673 Feet
										4.67 Miles

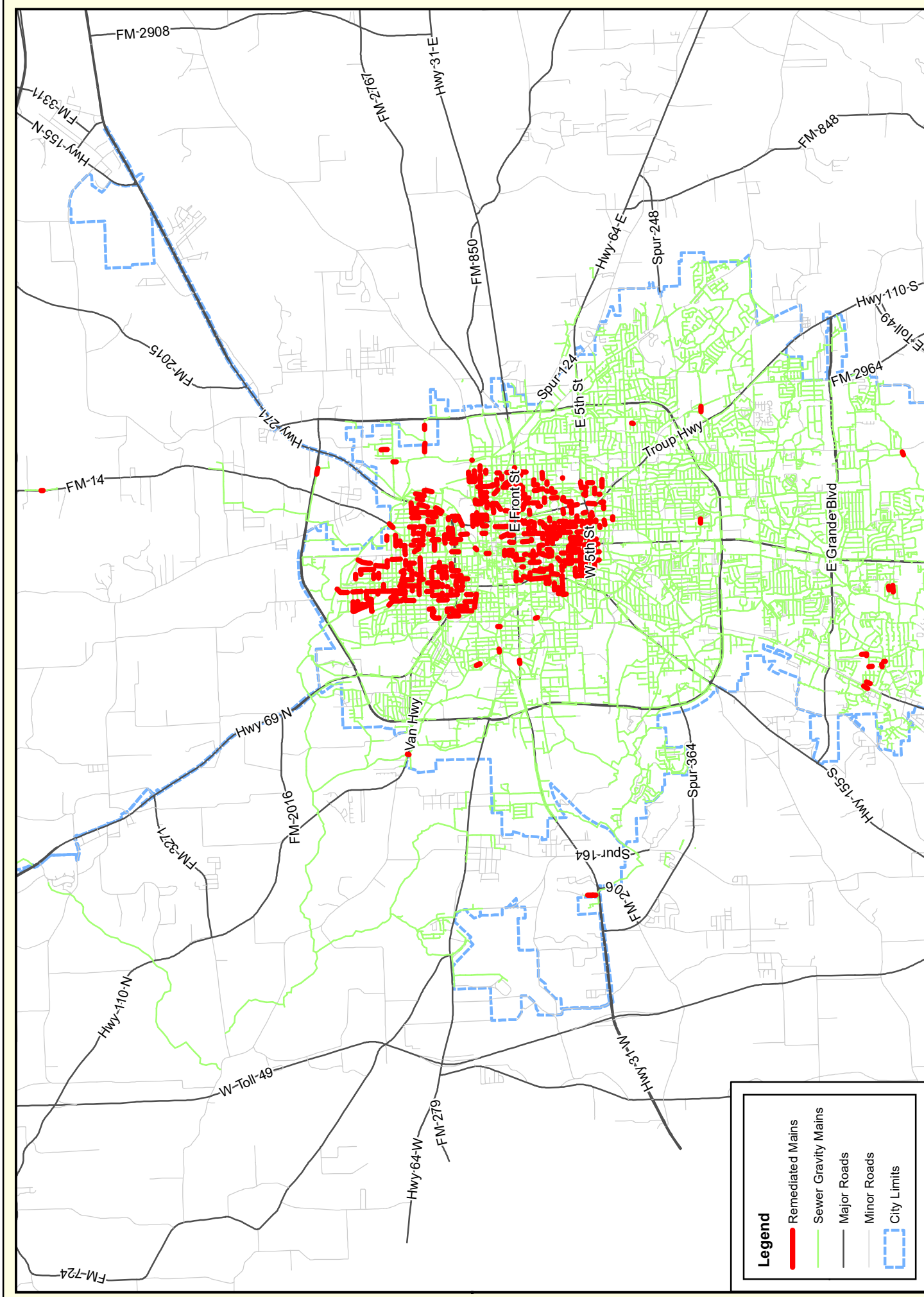


Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #				
Pipeburst entire main instead of a point repair	57521	02/17/2021	1	810		D	SS.GM.T0008841	Pipe Burst or Replace
	58818	01/15/2021	1	283		D	SS.GM.T0006767	Point Repair
	58870	07/01/2021	1	438		D	SS.GM.T0007150	Point Repair
	104302	03/09/2021	2	369		D	SS.GM.T0005161	Point Repair
	90805	03/16/2021	2	1418		D	SS.GM.T0004847	Pipe Burst or Replace
	90817	03/05/2021	2	1000		D	SS.GM.T0005514	Pipe Burst or Replace
	90820	01/26/2021	2	715		D	SS.GM.T0005817	Replace Mainline
	90821	03/10/2021	2	1183		D	SS.GM.T0006188	Pipe Burst or Replace
	90822	02/02/2021	2	555		D	SS.GM.T0006218	Pipe Burst or Replace
Pipeburst instead of CIPP	90824	01/30/2021	2	553		D	SS.GM.T0006235	Cured In Place Pipe Liner
	90830	02/24/2021	2	298		D	SS.GM.T0007084	Pipe Burst or Replace
	90831	02/09/2021	2	299		D	SS.GM.T0007085	Pipe Burst or Replace
	90833	02/04/2021	2	581		D	SS.GM.T0008073	Pipe Burst or Replace
	90840	03/11/2021	2	75		D	SS.GM.T0008420	Pipe Burst or Replace
	90841	01/29/2021	2	554		D	SS.GM.T0009022	Pipe Burst or Replace
	90842	01/29/2021	2	552		D	SS.GM.T0009023	Pipe Burst or Replace
	90843	02/04/2021	2	594		D	SS.GM.T0009040	Pipe Burst or Replace
	90844	03/04/2021	2	245		D	SS.GM.T0009093	Pipe Burst or Replace
	90845	02/25/2021	2	702		D	SS.GM.T0009166	Pipe Burst or Replace
	90846	03/09/2021	2	1735		D	SS.GM.T0013488	Pipe Burst or Replace
	90850	02/08/2021	2	1829		D	SS.GM.T0014181	Pipe Burst or Replace
	90861	03/16/2021	2	373		D	SS.GM.T0004139	Point Repair
	90900	03/18/2021	2	77		D	SS.GM.T0004445	Point Repair
	90901	03/30/2021	2	1552		D	SS.GM.T0004462	Point Repair
	90902	03/31/2021	2	869		D	SS.GM.T0004764	Point Repair
	90903	03/26/2021	2	871		D	SS.GM.T0004765	Point Repair
	90906	03/26/2021	2	801		D	SS.GM.T0004775	Point Repair
	90909	03/26/2021	2	936		D	SS.GM.T0004825	Point Repair
	90913	03/19/2021	2	449		D	SS.GM.T0004844	Point Repair
	90914	03/26/2021	2	1370		D	SS.GM.T0005099	Point Repair

Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #				
	90959	03/18/2021	2	725		D	SS.GM.T0005823	Point Repair
	90963	03/19/2021	2	649		D	SS.GM.T0006063	Point Repair
	90964	03/18/2021	2	46		D	SS.GM.T0005145	Point Repair
	90966	03/17/2021	2	336		E	SS.GM.T0005166	Point Repair
	90978	03/18/2021	2	37		D	SS.GM.T0005389	Point Repair
	90981	03/10/2021	2	658		D	SS.GM.T0006306	Point Repair
	90982	03/26/2021	2	877		D	SS.GM.T0005803	Point Repair
	90993	03/17/2021	2	109		D	SS.GM.T0008225	Point Repair
	91179	02/05/2021	2	25		D	SS.GM.T0004489	Point Repair
	91182	01/29/2021	2	137		D	SS.GM.T0005309	Point Repair
	91183	01/27/2021	2	1544		D	SS.GM.T0005392	Point Repair
	91184	01/29/2021	2	1555		D	SS.GM.T0005500	Point Repair
	91185	03/09/2021	2	1261		D	SS.GM.T0005785	Point Repair
	91298	02/08/2021	2	778		D	SS.GM.T0004196	Point Repair
	91299	03/02/2021	2	48		D	SS.GM.T0003864	Point Repair
	91301	01/14/2021	2	1372		D	SS.GM.T0004207	Point Repair
	91302	01/25/2021	2	396		E	SS.GM.T0004147	Point Repair
	91303	01/13/2021	2	1236		D	SS.GM.T0004176	Point Repair
	91304	01/20/2021	2	1540		D	SS.GM.T0004177	Point Repair
	91305	01/07/2021	2	1296		D	SS.GM.T0004181	Point Repair
	91306	02/11/2021	2	684		D	SS.GM.T0004183	Point Repair
	91307	01/08/2021	2	1367		D	SS.GM.T0004184	Point Repair
	91308	01/26/2021	2	696		D	SS.GM.T0004213	Point Repair
	91309	01/07/2021	2	1278		D	SS.GM.T0004191	Point Repair
	91310	01/15/2021	2	1366		D	SS.GM.T0004218	Point Repair
	91311	03/15/2021	2	468		D	SS.GM.T0004192	Point Repair
	91318	01/15/2021	2	1520		D	SS.GM.T0004227	Point Repair
	91319	02/08/2021	2	1399		D	SS.GM.T0004491	Point Repair
	91320	01/18/2021	2	1398		D	SS.GM.T0004492	Point Repair
	91321	02/02/2021	2	1469		D	SS.GM.T0004495	Point Repair
	91323	03/03/2021	2	1108		D	SS.GM.T0004236	Point Repair

Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #				
	91324	01/12/2021	2	1211		D	SS.GM.T0004448	Point Repair
	91325	01/09/2021	2	1226		D	SS.GM.T0004449	Point Repair
	91326	01/12/2021	2	1280		E	SS.GM.T0004453	Point Repair
	91327	01/18/2021	2	1471		D	SS.GM.T0004478	Point Repair
	91328	02/03/2021	2	1457		D	SS.GM.T0004481	Point Repair
	91329	01/15/2021	2	1650		D	SS.GM.T0004486	Point Repair
	91345	01/07/2021	2	1217		D	SS.GM.T0004570	Point Repair
	91347	02/03/2021	2	1218		D	SS.GM.T0004572	Point Repair
	91349	03/29/2021	2	858		D	SS.GM.T0004795	Point Repair
	91350	03/10/2021	2	1614		E	SS.GM.T0004806	Point Repair
	91352	02/12/2021	2	1275		D	SS.GM.T0004842	Point Repair
	91353	03/09/2021	2	1539		D	SS.GM.T0004853	Point Repair
	91355	03/24/2021	2	1147		D	SS.GM.T0004892	Point Repair
Completed Point Repairs	91356	03/16/2021	2	1141		D	SS.GM.T0004985	Point Repair/Pipe Burst/Replace
	91357	03/11/2021	2	537		D	SS.GM.T0004893	Point Repair
	91358	03/23/2021	2	402		D	SS.GM.T0004843	Point Repair
	91359	03/16/2021	2	1019		D	SS.GM.T0004987	Point Repair
	92422	01/26/2021	2	439		D	SS.GM.T0005134	Point Repair
After review, this main was abandoned	92423	01/04/2021	2	1247		E	SS.GM.T0004809	Point Repair
	92425	03/25/2021	2	1680		D	SS.GM.T0005135	Point Repair
	92427	03/19/2021	2	390		E	SS.GM.T0005158	Point Repair
	92428	01/26/2021	2	1375		D	SS.GM.T0005074	Point Repair
	92429	01/18/2021	2	1475		D	SS.GM.T0005075	Point Repair
	92430	03/08/2021	2	1476		D	SS.GM.T0005077	Point Repair
	92434	01/29/2021	2	1394		D	SS.GM.T0005069	Point Repair
	92466	02/02/2021	2	1556		D	SS.GM.T0005897	Point Repair
	92467	02/05/2021	2	137		D	SS.GM.T0005309	Point Repair
	92468	03/19/2021	2	368		E	SS.GM.T0005162	Point Repair
	92469	01/20/2021	2	1289		D	SS.GM.T0005391	Point Repair
	92470	02/08/2021	2	1198		D	SS.GM.T0005504	Point Repair

Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #				
	92471	03/09/2021	2	1858		D	SS.GM.T0005796	Point Repair
	92472	01/20/2021	2	1287		D	SS.GM.T0005374	Point Repair
	92473	01/27/2021	2	1544		D	SS.GM.T0005392	Point Repair
	92474	01/21/2021	2	1159		D	SS.GM.T0005397	Point Repair
	92475	02/04/2021	2	1555		D	SS.GM.T0005500	Point Repair
	92476	03/05/2021	2	1639		D	SS.GM.T0005782	Point Repair
	92478	03/09/2021	2	1274		D	SS.GM.T0005794	Point Repair
	92479	03/18/2021	2	1404		D	SS.GM.T0005891	Point Repair
	92480	02/04/2021	2	1407		D	SS.GM.T0005893	Point Repair
	92558	03/31/2021	2	1302		D	SS.GM.T0006049	Point Repair
	92559	03/30/2021	2	1092		D	SS.GM.T0006057	Point Repair
	92560	02/02/2021	2	1326		D	SS.GM.T0006072	Point Repair
	92561	02/01/2021	2	1610		D	SS.GM.T0006074	Point Repair
	92563	03/26/2021	2	1102		E	SS.GM.T0006085	Point Repair
	92564	03/02/2021	2	1251		D	SS.GM.T0006089	Point Repair
	92566	03/29/2021	2	495		D	SS.GM.T0006090	Point Repair
	92569	03/04/2021	2	1608		D	SS.GM.T0006200	Point Repair
	92570	03/12/2021	2	1466		D	SS.GM.T0006159	Point Repair
	92600	03/12/2021	2	1335		E	SS.GM.T0006262	Point Repair
	92601	02/10/2021	2	1615		D	SS.GM.T0006201	Point Repair
	92606	02/11/2021	2	1435		D	SS.GM.T0006203	Point Repair
	92607	03/04/2021	2	1344		D	SS.GM.T0006211	Point Repair
	92609	03/09/2021	2	1629		D	SS.GM.T0006223	Point Repair
	92610	03/04/2021	2	1254		D	SS.GM.T0006225	Point Repair
	92614	03/09/2021	2	1345		D	SS.GM.T0006250	Point Repair
	92616	03/04/2021	2	17		D	SS.GM.T0006512	Point Repair
	92619	03/08/2021	2	14		D	SS.GM.T0006518	Point Repair
	92621	02/01/2021	2	1116		D	SS.GM.T0006519	Point Repair
	92623	03/16/2021	2	18		D	SS.GM.T0006510	Point Repair
	92627	02/10/2021	2	1201		D	SS.GM.T0006482	Point Repair
	92628	02/09/2021	2	1203		D	SS.GM.T0006491	Point Repair

Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #				
	92629	03/04/2021	2	1385		D	SS.GM.T0006503	Point Repair
	92633	02/11/2021	2	1204		D	SS.GM.T0006523	Point Repair
	92640	01/26/2021	2	42		D	SS.GM.T0007025	Point Repair
	92642	01/26/2021	2	319		D	SS.GM.T0007043	Point Repair
	92644	03/30/2021	2	1316		D	SS.GM.T0007077	Point Repair
	92653	03/23/2021	2	1072		D	SS.GM.T0007402	Point Repair
	92656	02/12/2021	2	1384		D	SS.GM.T0007956	Point Repair
	92660	03/03/2021	2	366		D	SS.GM.T0008097	Point Repair
	92661	01/25/2021	2	370		D	SS.GM.T0008121	Point Repair
	92662	02/11/2021	2	1360		D	SS.GM.T0008236	Point Repair
	92663	01/28/2021	2	1453		D	SS.GM.T0008283	Point Repair
Completed Point Repairs	92665	03/22/2021	2	832		D	SS.GM.T0008966	Point Repair/Pipe Burst/Replace
	92673	03/25/2021	2	766		D	SS.GM.T0009195	Point Repair
	92675	03/25/2021	2	1590		D	SS.GM.T0009198	Point Repair
	92676	03/18/2021	2	574		D	SS.GM.T0009031	Point Repair
	92679	03/30/2021	2	791		D	SS.GM.T0009196	Point Repair
	92680	03/23/2021	2	571		D	SS.GM.T0009032	Point Repair
	92681	03/24/2021	2	577		D	SS.GM.T0009033	Point Repair
	92684	03/05/2021	2	774		E	SS.GM.T0009155	Point Repair
	92687	03/29/2021	2	765		E	SS.GM.T0009194	Point Repair
	92698	01/22/2021	2	1158		D	SS.GM.T0013261	Point Repair
	92700	03/18/2021	2	1419		D	SS.GM.T0014104	Point Repair
	92730	03/16/2021	2	1082		D	SS.GM.T0008053	Point Repair
	104243	06/07/2021	2	1433		D	SS.GM.T0006186	Point Repair
	104303	04/22/2021	2	290		D	SS.GM.T0007121	Point Repair
	104304	04/07/2021	2	826		D	SS.GM.T0009255	Point Repair
	104305	04/06/2021	2	1630		E	SS.GM.T0006084	Point Repair
	104309	05/04/2021	2	1598		D	SS.GM.T0006040	Point Repair
	90852	06/24/2021	2	116		D	SS.GM.T0004166	Cured In Place Pipe Liner
	90898	04/20/2021	2	681		D	SS.GM.T0004217	Point Repair
	90899	06/09/2021	2	1106		D	SS.GM.T0004437	Point Repair

Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #				
	90956	04/01/2021	2	1596		D	SS.GM.T0005125	Point Repair
	90957	04/07/2021	2	183		D	SS.GM.T0006340	Point Repair
	90958	04/07/2021	2	668		D	SS.GM.T0008972	Point Repair
	90961	04/14/2021	2	1643		D	SS.GM.T0005901	Point Repair
	90962	04/12/2021	2	249		D	SS.GM.T0005132	Point Repair
	90965	04/06/2021	2	506		D	SS.GM.T0006095	Point Repair
	90967	04/13/2021	2	205		D	SS.GM.T0006109	Point Repair
	90968	04/15/2021	2	337		D	SS.GM.T0005168	Point Repair
	90970	04/15/2021	2	61		E	SS.GM.T0005311	Point Repair
	90971	04/07/2021	2	508		E	SS.GM.T0006269	Point Repair
	90972	04/08/2021	2	184		D	SS.GM.T0006342	Point Repair
	90973	04/08/2021	2	504		E	SS.GM.T0008993	Point Repair
	90974	04/15/2021	2	133		D	SS.GM.T0005313	Point Repair
	90975	04/07/2021	2	502		E	SS.GM.T0006301	Point Repair
	90976	04/08/2021	2	185		D	SS.GM.T0006343	Point Repair
	90977	04/08/2021	2	1654		D	SS.GM.T0009000	Point Repair
	90979	06/15/2021	2	1338		D	SS.GM.T0009020	Point Repair
	90980	06/08/2021	2	422		D	SS.GM.T0006370	Point Repair
	90983	04/09/2021	2	556		D	SS.GM.T0009025	Point Repair
	90984	04/21/2021	2	912		D	SS.GM.T0007045	Point Repair
	90985	04/07/2021	2	182		D	SS.GM.T0006339	Point Repair
	90986	04/09/2021	2	582		D	SS.GM.T0009038	Point Repair
	90987	04/21/2021	2	913		D	SS.GM.T0007049	Point Repair
	90988	04/09/2021	2	234		D	SS.GM.T0009085	Point Repair
	90989	06/09/2021	2	691		D	SS.GM.T0008031	Point Repair
	90990	05/27/2021	2	775		E	SS.GM.T0009163	Point Repair
	90991	04/06/2021	2	386		D	SS.GM.T0008117	Point Repair
Completed Point Repairs	90992	04/13/2021	2	996		D	SS.GM.T0013046	Point Repair/Pipe Burst/Replace
	90994	04/13/2021	2	394		E	SS.GM.T0008265	Point Repair
	91165	06/18/2021	2	1324		D	SS.GM.T0006199	Pipe Burst or Replace
	91166	06/11/2021	2	570		D	SS.GM.T0006207	Pipe Burst or Replace

Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #				
	91167	06/17/2021	2	1252		D	SS.GM.T0006209	Pipe Burst or Replace
	91187	06/03/2021	2	1503		D	SS.GM.T0006345	Point Repair
	91188	05/13/2021	2	738		D	SS.GM.T0009184	Point Repair
	91300	05/26/2021	2	10		D	SS.GM.T0003870	Point Repair
	91312	05/25/2021	2	2		D	SS.GM.T0001160	Point Repair
	91317	06/01/2021	2	1175		D	SS.GM.T0004490	Point Repair
	91322	05/01/2021	2	1604		D	SS.GM.T0004234	Point Repair
	91330	04/26/2021	2	25		D	SS.GM.T0004489	Point Repair
	91346	05/21/2021	2	1008		D	SS.GM.T0004896	Point Repair
	91348	05/02/2021	2	1166		D	SS.GM.T0004669	Point Repair
	91351	05/06/2021	2	1501		D	SS.GM.T0004820	Point Repair
	91354	05/27/2021	2	1063		D	SS.GM.T0004897	Point Repair
	92431	04/28/2021	2	275		D	SS.GM.T0005117	Point Repair
	92433	06/11/2021	2	1568		D	SS.GM.T0005043	Point Repair
	92556	05/27/2021	2	1586		D	SS.GM.T0006167	Point Repair
	92557	04/21/2021	2	1034		D	SS.GM.T0006036	Point Repair
	92562	04/08/2021	2	565		D	SS.GM.T0006083	Point Repair
	92565	05/25/2021	2	1179		D	SS.GM.T0006192	Point Repair
	92567	05/26/2021	2	1315		D	SS.GM.T0006193	Point Repair
	92568	04/01/2021	2	1156		D	SS.GM.T0006098	Point Repair
	92602	04/27/2021	2	1653		D	SS.GM.T0006265	Point Repair
	92603	05/04/2021	2	1314		D	SS.GM.T0006283	Point Repair
	92604	04/20/2021	2	191		D	SS.GM.T0006310	Point Repair
	92605	04/20/2021	2	1249		D	SS.GM.T0006313	Point Repair
	92608	05/08/2021	2	1504		D	SS.GM.T0006217	Point Repair
	92611	05/10/2021	2	1266		D	SS.GM.T0006231	Point Repair
	92612	06/10/2021	2	1353		D	SS.GM.T0006244	Point Repair
	92613	05/07/2021	2	1350		D	SS.GM.T0006247	Point Repair
	92617	04/08/2021	2	485		D	SS.GM.T0006325	Point Repair
	92618	04/06/2021	2	1497		E	SS.GM.T0006332	Point Repair
	92620	06/15/2021	2	1627		D	SS.GM.T0006333	Point Repair

Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #				
	92622	04/05/2021	2	1151		D	SS.GM.T0006336	Point Repair
	92624	04/21/2021	2	1021		D	SS.GM.T0006511	Point Repair
	92625	04/12/2021	2	1257		D	SS.GM.T0006337	Point Repair
	92626	06/04/2021	2	1503		D	SS.GM.T0006345	Point Repair
	92630	04/21/2021	2	1866		D	SS.GM.T0006505	Point Repair
	92634	05/07/2021	2	1612		D	SS.GM.T0007122	Point Repair
	92635	05/06/2021	2	1235		D	SS.GM.T0007124	Point Repair
	92636	04/22/2021	2	1542		D	SS.GM.T0006870	Point Repair
	92637	04/14/2021	2	1078		D	SS.GM.T0007029	Point Repair
	92638	04/28/2021	2	1328		D	SS.GM.T0007127	Point Repair
	92641	04/13/2021	2	301		D	SS.GM.T0007075	Point Repair
	92643	04/13/2021	2	1601		D	SS.GM.T0007076	Point Repair
	92645	04/27/2021	2	1482		D	SS.GM.T0007089	Point Repair
	92646	04/01/2021	2	304		D	SS.GM.T0007106	Point Repair
	92647	04/23/2021	2	1323		D	SS.GM.T0007116	Point Repair
	92652	04/28/2021	2	207		D	SS.GM.T0008998	Point Repair
	92654	04/22/2021	2	903		D	SS.GM.T0007709	Point Repair
	92655	04/12/2021	2	166		D	SS.GM.T0007875	Point Repair
	92657	04/26/2021	2	436		D	SS.GM.T0008280	Point Repair
	92659	04/14/2021	2	1870		D	SS.GM.T0007962	Point Repair
	92664	05/19/2021	2	1557		D	SS.GM.T0008442	Point Repair
	92674	04/28/2021	2	1095		D	SS.GM.T0008999	Point Repair
	92678	05/18/2021	2	747		D	SS.GM.T0009191	Point Repair
	92682	04/26/2021	2	1602		D	SS.GM.T0009111	Point Repair
	92683	04/08/2021	2	1101		D	SS.GM.T0009141	Point Repair
	92685	05/13/2021	2	738		D	SS.GM.T0009184	Point Repair
	92686	06/09/2021	2	746		D	SS.GM.T0009192	Point Repair
	92691	04/09/2021	2	799		D	SS.GM.T0009218	Point Repair
	92692	05/06/2021	2	1093		D	SS.GM.T0009219	Point Repair
	92693	06/02/2021	2	598		D	SS.GM.T0009288	Point Repair
	92694	06/04/2021	2	1871		D	SS.GM.T0009382	Point Repair

Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #				
	92695	04/26/2021	2	1186		D	SS.GM.T0009384	Point Repair
	92696	04/30/2021	2	922		D	SS.GM.T0009712	Point Repair
	92697	05/03/2021	2	1390		D	SS.GM.T0009715	Point Repair
	92699	04/23/2021	2	160		D	SS.GM.T0009820	Point Repair
	92703	06/21/2021	2	391		D	SS.GM.T0005144	Pipe Burst or Replace
	92704	06/29/2021	2	1125		D	SS.GM.T0005403	Pipe Burst or Replace
	92713	06/22/2021	2	1525		D	SS.GM.T0005396	Point Repair
	92726	06/22/2021	2	1515		D	SS.GM.T0005496	Point Repair
	92727	06/23/2021	2	654		D	SS.GM.T0007068	Point Repair
	92728	06/28/2021	2	1180		E	SS.GM.T0007071	Point Repair
	92729	04/21/2021	2	918		D	SS.GM.T0007706	Point Repair
	92731	04/20/2021	2	531		D	SS.GM.T0008079	Point Repair
	92732	06/28/2021	2	1094		D	SS.GM.T0008986	Point Repair
	92733	06/23/2021	2	494		E	SS.GM.T0008992	Point Repair
	104247	08/31/2021	2	1592		D	SS.GM.T0006069	Point Repair
	104250	08/17/2021	2	1209		D	SS.GM.T0014112	Point Repair
	92639	07/13/2021	2	1182		D	SS.GM.T0007069	Point Repair
	92658	07/21/2021	2	64		D	SS.GM.T0007867	Point Repair
	92677	07/01/2021	2	822		D	SS.GM.T0009213	Point Repair
	92701	07/16/2021	2	804		D	SS.GM.T0009253	Pipe Burst or Replace
	92702	07/14/2021	2	1243		D	SS.GM.T0004891	Pipe Burst or Replace
	92705	07/07/2021	2	314		D	SS.GM.T0006060	Pipe Burst or Replace
	92706	07/01/2021	2	1322		D	SS.GM.T0006198	Pipe Burst or Replace
	92707	07/16/2021	2	566		D	SS.GM.T0008964	Pipe Burst or Replace
	92708	07/14/2021	2	817		D	SS.GM.T0009229	Pipe Burst or Replace
	92709	07/01/2021	2	816		D	SS.GM.T0009285	Pipe Burst or Replace
	92710	07/06/2021	2	1581		D	SS.GM.T0006160	Pipe Burst or Replace
	92711	07/13/2021	2	4		D	SS.GM.T0009142	Pipe Burst or Replace
	93158	07/23/2021	2	818		D	SS.GM.T0009231	Pipe Burst or Replace
	93159	07/22/2021	2	1757		D	SS.GM.T0014196	Pipe Burst or Replace
	93160	07/21/2021	2	1295		D	SS.GM.T0004180	Pipe Burst or Replace

Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #				
	93632	07/28/2021	2	1298		D	SS.GM.T0006129	Point Repair
	93633	07/27/2021	2	1291		D	SS.GM.T0005902	Point Repair
	93634	07/28/2021	2	1248		D	SS.GM.T0006323	Point Repair
	94576	08/16/2021	2	1207		D	SS.GM.T0005394	Point Repair
	94577	07/13/2021	2	1297		E	SS.GM.T0005802	Point Repair
	94578	07/28/2021	2	1458		D	SS.GM.T0005804	Point Repair
	94579	08/09/2021	2	1632		D	SS.GM.T0006236	Point Repair
	94594	07/13/2021	2	1626		D	SS.GM.T0006298	Point Repair
	94596	08/10/2021	2	1057		D	SS.GM.T0009105	Point Repair
	94681	08/12/2021	2	665		D	SS.GM.T0009230	Pipe Burst or Replace
	95343	08/17/2021	2	378		D	SS.GM.T0004163	Point Repair
	95344	08/17/2021	2	1281		D	SS.GM.T0004439	Point Repair
	95345	09/27/2021	2	1648		D	SS.GM.T0004456	Point Repair
	95347	08/20/2021	2	1495		D	SS.GM.T0006299	Point Repair
	95348	08/18/2021	2	1442		E	SS.GM.T0006304	Point Repair
	95565	09/01/2021	2	1120		D	SS.GM.T0005490	Point Repair
	95566	09/02/2021	2	1570		D	SS.GM.T0006514	Point Repair
	95577	07/14/2021	2	717		D	SS.GM.T0005814	Point Repair
	95578	07/26/2021	2	1566		D	SS.GM.T0007884	Pipe Burst or Replace
	95579	07/19/2021	2	549		D	SS.GM.T0009274	Pipe Burst or Replace
	95580	07/19/2021	2	1831		D	SS.GM.T0014192	Pipe Burst or Replace
Pipeburstst entire main instead of a point repair	95581	07/12/2021	2	231		D	SS.GM.T0006998	Point Repair
	95582	07/12/2021	2	232		D	SS.GM.T0012038	Pipe Burst or Replace
	95585	07/12/2021	2	272		D	SS.GM.T0005126	Point Repair
	95586	08/19/2021	2	750		D	SS.GM.T0006176	Point Repair
	95587	07/12/2021	2	204		D	SS.GM.T0006297	Point Repair
	95588	07/12/2021	2	1649		D	SS.GM.T0008847	Point Repair
	95589	07/13/2021	2	481		D	SS.GM.T0008976	Point Repair
	95590	07/13/2021	2	482		D	SS.GM.T0009302	Point Repair
	95947	09/10/2021	2	1456		D	SS.GM.T0005493	Point Repair

Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #				
	95948	09/09/2021	2	1532		D	SS.GM.T0005367	Point Repair
	96396	09/13/2021	2	1168		D	SS.GM.T0004821	Point Repair
	96398	09/13/2021	2	737		D	SS.GM.T0009178	Point Repair
	96401	09/09/2021	2	1299		D	SS.GM.T0009270	Point Repair
	96403	09/17/2021	2	998		E	SS.GM.T0006484	Pipe Burst or Replace
	96406	09/09/2021	2	103		D	SS.GM.T0007876	Pipe Burst or Replace
	96731	09/15/2021	2	377		D	SS.GM.T0008122	Point Repair
	96732	09/13/2021	2	1330		E	SS.GM.T0004785	Point Repair
	96733	09/14/2021	2	1534		D	SS.GM.T0005885	Point Repair
	96734	09/14/2021	2	1521		D	SS.GM.T0008010	Point Repair
	96735	09/15/2021	2	1081		D	SS.GM.T0008054	Point Repair
	96737	09/16/2021	2	729		D	SS.GM.T0009176	Point Repair
	96783	09/23/2021	2	52		D	SS.GM.T0005582	Point Repair
	96784	09/21/2021	2	1405		D	SS.GM.T0005501	Pipe Burst or Replace
	96785	09/24/2021	2	1410		E	SS.GM.T0005510	Pipe Burst or Replace
	98938	09/27/2021	2	1528		D	SS.GM.T0005369	Point Repair
	98939	09/01/2021	2	151		D	SS.GM.T0005307	Point Repair
	98940	09/23/2021	2	1712		D	SS.GM.T0005380	Point Repair
Completed Point Repairs	98941	09/25/2021	2	1513		D	SS.GM.T0005494	Point Repair/Pipe Burst/Replace
	98944	08/27/2021	2	1253		D	SS.GM.T0006097	Point Repair
	98960	09/27/2021	2	1524		D	SS.GM.T0008317	Point Repair
	98961	09/27/2021	2	268		D	SS.GM.T0008526	Point Repair
	98966	09/27/2021	2	1809		D	SS.GM.T0014187	Point Repair
	103842	11/04/2021	2	1304		D	SS.GM.T0005115	Point Repair
	104262	10/09/2021	2	1259		D	SS.GM.T0006267	Point Repair
	104264	11/04/2021	2	1304		D	SS.GM.T0005115	Point Repair
	104292	10/04/2021	2	1640		D	SS.GM.T0007885	Point Repair
	104293	11/13/2021	2	1841		D	SS.GM.T0009017	Cured In Place Pipe Liner
	104294	11/11/2021	2	972		D	SS.GM.T0008737	Point Repair
	104295	11/03/2021	2	1229		E	SS.GM.T0009272	Point Repair
	104299	12/21/2021	2	655		D	SS.GM.T0009124	Pipe Burst or Replace

Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #				
	104410	10/09/2021	2	1446		D	SS.GM.T0006270	Point Repair
	104651	12/20/2021	2	1794		D	SS.GM.T0014140	Pipe Burst or Replace
	104652	12/20/2021	2	270		D	SS.GM.T0009115	Pipe Burst or Replace
	104654	12/20/2021	2	199		D	SS.GM.T0006296	Point Repair
	104655	12/20/2021	2	203		D	SS.GM.T0008994	Point Repair
	104673	12/31/2021	2	131		D	SS.GM.T0007857	Point Repair
	104675	12/31/2021	2	1695		D	SS.GM.T0009275	Point Repair
	107337	11/10/2021	2	903		D	SS.GM.T0007709	Point Repair
	107339	11/10/2021	2	1700		D	SS.GM.T0004477	Point Repair
	107341	11/30/2021	2	1701		D	SS.GM.T0007473	Pipe Burst or Replace
	107343	11/09/2021	2	1699		D	SS.GM.T0007001	Point Repair
	107345	12/09/2021	2	1591		D	SS.GM.T0009122	Point Repair
This main was abandoned and the flow rerouted	107346	12/09/2021	2	1472		D	SS.GM.T0005087	Point Repair/Pipe Burst/Replace
	107349	11/10/2021	2	644		D	SS.GM.T0009146	Point Repair
	90853	11/16/2021	2	760		D	SS.GM.T0006164	Cured In Place Pipe Liner
	90857	11/12/2021	2	669		D	SS.GM.T0008070	Cured In Place Pipe Liner
	90858	11/12/2021	2	310		D	SS.GM.T0009140	Cured In Place Pipe Liner
	95346	10/07/2021	2	1225		D	SS.GM.T0004465	Point Repair
	98459	10/07/2021	2	1118		D	SS.GM.T0007957	Pipe Burst or Replace
	98460	10/15/2021	2	1761		D	SS.GM.T0013504	Pipe Burst or Replace
	98936	10/09/2021	2	1192		D	SS.GM.T0005041	Point Repair
	98937	10/13/2021	2	1240		D	SS.GM.T0005098	Point Repair
	98942	10/12/2021	2	878		D	SS.GM.T0005800	Point Repair
	98945	10/19/2021	2	211		D	SS.GM.T0006104	Point Repair
	98947	10/07/2021	2	764		D	SS.GM.T0006152	Point Repair
	98948	10/11/2021	2	1441		D	SS.GM.T0006108	Point Repair
	98949	10/06/2021	2	758		D	SS.GM.T0006165	Point Repair
	98950	10/07/2021	2	1739		D	SS.GM.T0006180	Point Repair
	98951	10/18/2021	2	1333		D	SS.GM.T0006295	Point Repair
	98953	10/14/2021	2	1307		D	SS.GM.T0007082	Point Repair

Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #				
	98955	11/03/2021	2	1564		D	SS.GM.T0007886	Point Repair
	98956	10/18/2021	2	708		D	SS.GM.T0008043	Point Repair
	98957	10/06/2021	2	1049		D	SS.GM.T0008091	Point Repair
	98959	10/11/2021	2	371		D	SS.GM.T0008120	Point Repair
	98962	11/11/2021	2	313		D	SS.GM.T0009056	Point Repair
	98964	11/17/2021	2	1719		D	SS.GM.T0013207	Point Repair
	98965	10/23/2021	2	862		D	SS.GM.T0009245	Point Repair & Add to Root Removal Program in CMOM
	98967	10/14/2021	2	1828		D	SS.GM.T0014191	Point Repair
	98968	10/29/2021	2	1827		D	SS.GM.T0014180	Point Repair
	98969	10/08/2021	2	1835		D	SS.GM.T0014218	Point Repair
	99207	10/20/2021	2	704		D	SS.GM.T0008033	Point Repair
	99902	11/02/2021	2	415		D	SS.GM.T0003696	Pipe Burst or Replace
	99904	10/12/2021	2	119		D	SS.GM.T0004150	Pipe Burst or Replace
	99906	12/21/2021	2	1031		D	SS.GM.T0005122	Pipe Burst or Replace
	99907	11/09/2021	2	63		D	SS.GM.T0005507	Pipe Burst or Replace
	99908	12/15/2021	2	793		D	SS.GM.T0006168	Pipe Burst or Replace
	99909	10/26/2021	2	486		D	SS.GM.T0006276	Pipe Burst or Replace
	99910	11/16/2021	2	412		E	SS.GM.T0006347	Pipe Burst or Replace
	99912	12/08/2021	2	44		D	SS.GM.T0008321	Pipe Burst or Replace
After review, this main was abandoned	99913	12/01/2021	2	446		E	SS.GM.T0008447	Replace Mainline
	99914	10/21/2021	2	202		D	SS.GM.T0008988	Pipe Burst or Replace
	99915	11/05/2021	2	479		D	SS.GM.T0008974	Pipe Burst or Replace
	99916	12/23/2021	2	517		D	SS.GM.T0009069	Pipe Burst or Replace
	99917	12/15/2021	2	274		D	SS.GM.T0009145	Pipe Burst or Replace
	99918	11/24/2021	2	1803		D	SS.GM.T0014153	Pipe Burst or Replace
	99979	10/11/2021	2	269		D	SS.GM.T0009294	Point Repair
	99983	10/15/2021	2	635		D	SS.GM.T0009110	Point Repair
Pipe burst	101546	01/20/2021	3	678		D	SS.GM.T0008178	Pipe Burst or Replace
	95954	06/24/2021	3	598		D	SS.GM.T0003861	Point Repair

Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #				
	95955	06/29/2021	3	429		D	SS.GM.T0005868	Point Repair
	95956	06/28/2021	3	676		D	SS.GM.T0008147	Point Repair & Add to Root Removal Program in CMOM
	95957	06/25/2021	3	392		D	SS.GM.T0005348	Point Repair
	95958	06/28/2021	3	482		D	SS.GM.T0008161	Point Repair & Inspect
	95959	06/28/2021	3	516		C	SS.GM.T0008328	Point Repair & Inspect
	98301	06/15/2021	3	273		D	SS.GM.T0000269	Cured In Place Pipe Liner
Open Cut Replacement	101589	09/17/2021	3	602		D	SS.GM.T0003896	Pipe Burst or Replace
Open Cut Replacement	101590	09/24/2021	3	610		D	SS.GM.T0003909	Pipe Burst or Replace
Open Cut Replacement	101592	09/27/2021	3	716		D	SS.GM.T0013036	Pipe Burst or Replace
	101610	09/08/2021	3	600		D	SS.GM.T0003863	Point Repair
	101612	08/21/2021	3	329		D	SS.GM.T0004099	Point Repair
	101616	08/16/2021	3	626		D	SS.GM.T0004117	Point Repair
	101617	07/14/2021	3	342		D	SS.GM.T0004130	Point Repair
	101618	07/15/2021	3	343		D	SS.GM.T0004131	Point Repair
	101619	07/21/2021	3	337		D	SS.GM.T0004123	Point Repair
	101621	08/21/2021	3	629		D	SS.GM.T0004390	Point Repair
	101622	09/07/2021	3	631		D	SS.GM.T0004392	Construct Manhole
	101623	09/03/2021	3	636		D	SS.GM.T0004397	Point Repair
	101624	09/08/2021	3	347		D	SS.GM.T0004403	Construct Manhole
	101625	09/06/2021	3	346		D	SS.GM.T0004402	Point Repair
	101635	08/31/2021	3	858		D	SS.GM.T0005108	Point Repair
	101636	07/08/2021	3	394		D	SS.GM.T0005350	Point Repair
	101642	07/08/2021	3	403		D	SS.GM.T0005549	Point Repair
	101644	08/21/2021	3	643		D	SS.GM.T0005567	Point Repair
	101652	07/20/2021	3	438		D	SS.GM.T0007033	Point Repair
	101654	07/21/2021	3	436		D	SS.GM.T0007023	Point Repair
	101655	08/16/2021	3	878		D	SS.GM.T0007041	Point Repair
	101656	09/09/2021	3	664		D	SS.GM.T0007356	Point Repair & Inspect
	101657	09/10/2021	3	445		D	SS.GM.T0007472	Point Repair
	101659	08/21/2021	3	666		D	SS.GM.T0008104	Point Repair & Inspect

Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #				
	101660	07/21/2021	3	448		D	SS.GM.T0008107	Point Repair
	101661	07/21/2021	3	447		D	SS.GM.T0008106	Point Repair
	101662	09/03/2021	3	452		D	SS.GM.T0008111	Point Repair
	101663	07/22/2021	3	454		D	SS.GM.T0008113	Point Repair
	101665	09/04/2021	3	453		D	SS.GM.T0008112	Point Repair
	101666	09/15/2021	3	462		D	SS.GM.T0008132	Point Repair
	101667	07/21/2021	3	673		D	SS.GM.T0008144	Point Repair
	101668	09/10/2021	3	680		D	SS.GM.T0008180	Point Repair
	101669	07/24/2021	3	683		D	SS.GM.T0008183	Point Repair
	101670	08/21/2021	3	685		D	SS.GM.T0008185	Point Repair
	101671	07/23/2021	3	688		D	SS.GM.T0008188	Point Repair
	101672	07/24/2021	3	690		D	SS.GM.T0008191	Point Repair & Add to Root Removal Program in CMOM
	101673	08/31/2021	3	500		D	SS.GM.T0008200	Point Repair
	101675	07/21/2021	3	508		D	SS.GM.T0008231	Point Repair & Add to Root Removal Program in CMOM
	101676	09/01/2021	3	519		D	SS.GM.T0008334	Point Repair
	101677	07/21/2021	3	514		D	SS.GM.T0008325	Point Repair
	101678	09/02/2021	3	523		D	SS.GM.T0008339	Point Repair & Add to Root Removal Program in CMOM
	101679	07/23/2021	3	699		D	SS.GM.T0008343	Point Repair
	101680	09/13/2021	3	710		C	SS.GM.T0009816	Point Repair & Inspect
	101681	08/16/2021	3	1021		D	SS.GM.T0009883	Point Repair
	101683	08/16/2021	3	1031		D	SS.GM.T0009898	Point Repair
	101684	09/14/2021	3	533		D	SS.GM.T0009823	Point Repair
	101685	08/16/2021	3	1044		D	SS.GM.T0009911	Point Repair
	101687	08/16/2021	3	1637		D	SS.GM.T0010075	Point Repair
	101690	08/16/2021	3	1094		D	SS.GM.T0010369	Point Repair
	101700	08/16/2021	3	235		D	SS.GM.T0012436	Point Repair
	101703	08/16/2021	3	806		D	SS.GM.T0012561	Point Repair
	101708	07/26/2021	3	589		D	SS.GM.T0014048	Point Repair

Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #				
	101711	08/21/2021	3	724		D	SS.GM.T0014438	Point Repair & Add to Root Removal Program in CMOM
	95962	07/21/2021	3	322		D	SS.GM.T0003902	Point Repair
	95963	07/21/2021	3	612		D	SS.GM.T0003911	Point Repair & Add to Root Removal Program in CMOM
	95964	07/13/2021	3	326		D	SS.GM.T0004096	Point Repair
	95965	07/21/2021	3	336		D	SS.GM.T0004122	Point Repair
	95966	07/09/2021	3	597		D	SS.GM.T0003860	Point Repair & Inspect
	95968	07/21/2021	3	320		D	SS.GM.T0003900	Point Repair
Pipe burst	101535	12/29/2021	3	669		D	SS.GM.T0008140	Pipe Burst or Replace
Pipe burst	101536	11/14/2021	3	601		D	SS.GM.T0003871	Pipe Burst or Replace
Pipe burst	101537	11/22/2021	3	640		D	SS.GM.T0005564	Pipe Burst or Replace
Pipe burst	101538	11/18/2021	3	611		D	SS.GM.T0003910	Pipe Burst or Replace
Pipe burst	101539	12/02/2021	3	641		D	SS.GM.T0005565	Pipe Burst or Replace
Pipe burst	101540	11/16/2021	3	675		D	SS.GM.T0008146	Pipe Burst or Replace
Pipe burst	101541	12/14/2021	3	494		D	SS.GM.T0008173	Pipe Burst or Replace
Pipe burst	101543	12/26/2021	3	496		D	SS.GM.T0008175	Pipe Burst or Replace
Pipe burst	101544	12/26/2021	3	497		D	SS.GM.T0008176	Pipe Burst or Replace
Pipe burst	101545	11/23/2021	3	677		D	SS.GM.T0008177	Pipe Burst or Replace
Pipe burst	101547	11/22/2021	3	679		D	SS.GM.T0008179	Pipe Burst or Replace
Pipe burst	101548	11/24/2021	3	682		D	SS.GM.T0008182	Pipe Burst or Replace
Pipe burst	101549	12/29/2021	3	686		D	SS.GM.T0008186	Pipe Burst or Replace
Pipe burst	101550	11/16/2021	3	689		D	SS.GM.T0008190	Pipe Burst or Replace
Pipe burst	101551	12/08/2021	3	693		D	SS.GM.T0008195	Pipe Burst or Replace
Pipe burst	101552	12/04/2021	3	695		D	SS.GM.T0008201	Pipe Burst or Replace
Pipeburst entire main instead of a point repair	101553	12/10/2021	3	708		D	SS.GM.T0009726	Point Repair
Pipe burst	101554	12/21/2021	3	919		D	SS.GM.T0014100	Pipe Burst or Replace
	101591	10/02/2021	3	416		D	SS.GM.T0005855	Replace Line
Open Cut Replacement	101593	10/23/2021	3	865		D	SS.GM.T0006272	Pipe Burst or Replace
Open Cut Replacement	101594	10/27/2021	3	866		D	SS.GM.T0006365	Pipe Burst or Replace

Table L-1c: Group #1, #2 # 3 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan				Rating	City Pipe Asset ID	Remediation Plan
			Group #	Item #					
	101607	12/22/2021	3	1006			D	SS.GM.T0002357	Point Repair
	101609	12/22/2021	3	1007			D	SS.GM.T0002358	Point Repair
	101614	12/22/2021	3	624			D	SS.GM.T0004113	Point Repair & Add to Root Removal Program in CMOM
	101615	12/22/2021	3	625			D	SS.GM.T0004114	Point Repair & Add to Root Removal Program in CMOM
	101686	11/08/2021	3	725			D	SS.GM.T0009943	Point Repair
	101688	10/28/2021	3	1066			D	SS.GM.T0010218	Point Repair
	101697	12/11/2021	3	711			D	SS.GM.T0011865	Point Repair
	101698	11/08/2021	3	234			D	SS.GM.T0012435	Point Repair
	101704	11/09/2021	3	1746			D	SS.GM.T0012623	Point Repair

Manhole Repairs

Table L-2a is a list of 69 repairs made to manholes (in some cases there were multiple repairs to the same manhole) by City of Tyler during the 1 January 2021 through 31 December 2021 reporting period; said repairs are shown in **Figure L-2a**. Said repairs are in addition to work identified in Condition Remedial Measures Plan(s).

Table L-2b is a list of 274 repairs made to manholes (in some cases there were multiple repairs to the same manhole) by third party contractors during the 1 January 2021 through 31 December 2021 reporting period; said repairs are shown in **Figure L-2b**. Said repairs are generally for work identified in Condition Remedial Measures Plan(s).

Table L-2c is list of worked performed in 2021 to all Group 2 and Group 3 manholes called out for remedial activity, i.e. all condition rated D and E manholes completed in 2021. This list also includes manholes given an A, B, or C rating if additional work was performed, as well as updates and/or corrections to asset IDs.

Table L-2a: Manhole Repairs - City

Asset ID	Work Order	Date Completed	Work Order Description	Address
SS.MH.T0007434	100147	11/17/2021	MANHOLE RAISE	7920 S Broadway Ave
SS.MH.T0003560	100643	11/29/2021	MANHOLE REPAIR	W Grande Blvd & Old Jacksonville Hwy
SS.MH.T0010397	107221	11/17/2021	MANHOLE RAISE	7920 S Broadway Ave
SS.MH.T0001816	107222	05/29/2021	REPLACE RING AND/OR LID	W Erwin St & Boon Ave
SS.MH.T0005550	22505	02/09/2021	MANHOLE RAISE	Troup Hwy & Homestead Ln
SS.MH.T0002588	25076	05/27/2021	REPLACE RING AND/OR LID	N Ross Ave & W Erwin St
SS.MH.T0014143	26028	05/20/2021	ADJUST RING AND/OR LID	3513 Woods Blvd
SS.MH.T0004395	26437	02/09/2021	MANHOLE RAISE	2617 N Northeast Loop 323
SS.MH.T0001847	33426	02/09/2021	MANHOLE RAISE	400 Fair Park Dr
SS.MH.T0001620	39630	05/24/2021	MANHOLE RAISE	2010 Pinehurst St
SS.MH.T0007416	41697	06/17/2021	REPLACE RING AND/OR LID	400 W Cumberland Rd
SS.MH.T0006315	47633	06/28/2021	MANHOLE RAISE	3839 Lazy Creek Dr
SS.MH.T0001808	49662	05/29/2021	REPLACE RING AND/OR LID	W Erwin St & Boon Ave
SS.MH.T0009075	63210	05/13/2021	MANHOLE RAISE	3367 Cascades Blvd
SS.MH.T0003584	63570	05/11/2021	MANHOLE RAISE	817 W Rieck Rd
SS.MH.T0002197	69083	03/16/2021	MANHOLE REPLACE	3925 Old Noonday Rd
SS.MH.T0014945	69442	02/09/2021	MANHOLE RAISE	C R 1125 & Pollan St
SS.MH.T0015307	69992	06/11/2021	REPLACE RING AND/OR LID	639 Beechwood Dr
SS.MH.T0000938	73320	05/13/2021	REPLACE RING AND/OR LID	10936 Spur 164
SS.MH.T0015309	73435	05/17/2021	MANHOLE RAISE	1816 E Southeast Loop 323
SS.MH.T0001016	74053	06/30/2021	ADJUST RING AND/OR LID	105 Jordan Plaza Blvd
SS.MH.T0015240	77502	05/11/2021	MANHOLE RAISE	3623 Wynnwood Dr
SS.MH.T0014334	77907	05/29/2021	REPLACE RING AND/OR LID	332 C R 328 E
SS.MH.T0001389	77912	01/14/2021	REGROUT RING/LID	2695 S Southwest Loop 323
SS.MH.T0014334	78022	04/21/2021	ADJUST RING AND/OR LID	332 C R 328 E
SS.MH.T0001986	80137	02/10/2021	REPLACE RING AND/OR LID	3852 Van Hwy
SS.MH.T0001986	80142	12/07/2021	ADJUST RING AND/OR LID	3852 Van Hwy
SS.MH.T0003530	81186	07/01/2021	MANHOLE REPAIR	814 W Rieck Rd
SS.MH.T0005498	83221	03/04/2021	REPLACE RING AND/OR LID	624 Sutherland Dr
SS.MH.T0006210	84204	03/18/2021	REPLACE RING AND/OR LID	5105 Timber Creek Dr
SS.MH.T0002068	85088	04/05/2021	ADJUST RING AND/OR LID	1410 S Southwest Loop 323
SS.MH.T0006144	85276	04/08/2021	REPLACE RING AND/OR LID	900 Derrick Ct
SS.MH.T0006144	85284	05/01/2021	REPLACE RING AND/OR LID	900 Derrick Ct
SS.MH.T0000756	85326	04/08/2021	MANHOLE REPAIR	927 N Fleishel Ave, STE B
SS.MH.T0014083	86913	05/20/2021	MANHOLE RAISE	1026 E M L King Jr Blvd,Tyler,TX,75702
SS.MH.T0007356	87956	05/21/2021	MANHOLE RAISE	1520 Holly Creek Dr
SS.MH.T0007354	87957	05/24/2021	REPLACE RING AND/OR LID	1520 Holly Creek Dr
SS.MH.T0002932	88516	05/18/2021	MANHOLE RAISE	1824 W M L King Jr Blvd
SS.MH.T0015269	88990	06/28/2021	MANHOLE RAISE	105 Jordan Plaza Blvd
SS.MH.T0015270	88992	06/28/2021	MANHOLE RAISE	105 Jordan Plaza Blvd
SS.MH.T0001013	88994	06/10/2021	MANHOLE RAISE	105 Jordan Plaza Blvd
SS.MH.T0001566	89826	06/09/2021	REPLACE RING AND/OR LID	1204 Riverbend Dr
SS.MH.T0008206	89927	06/28/2021	ADJUST RING AND/OR LID	1520 Jeb Stuart Dr,Tyler,TX,75703
SS.MH.T0004388	89937	06/29/2021	MANHOLE RAISE	1718 E Commerce St
SS.MH.T0014387	89953	06/24/2021	MANHOLE RAISE	105 Jordan Plaza Blvd
SS.MH.T0007417	90126	06/12/2021	REPLACE RING AND/OR LID	410 W Cumberland Rd
SS.MH.T0002728	90241	06/15/2021	REPLACE RING AND/OR LID	206 W Bow St
SS.MH.T0002728	90255	07/13/2021	REPLACE RING AND/OR LID	206 W Bow St,Tyler,TX,75702
SS.MH.T0002560	90696	06/29/2021	REPLACE RING AND/OR LID	1722 W Oakwood St,Tyler,TX,75702

Table L-2a: Manhole Repairs - City

Asset ID	Work Order	Date Completed	Work Order Description	Address
SS.MH.T0000981	90804	06/23/2021	ADJUST RING AND/OR LID	6515 Hwy 69 N,Tyler,TX,75706
SS.MH.T0005637	91377	06/29/2021	ADJUST RING AND/OR LID	1718 E Commerce St
SS.MH.T0015806	91471	06/30/2021	REPLACE RING AND/OR LID	811 Clark St
SS.MH.T0008672	91938	07/08/2021	REPLACE RING AND/OR LID	9071 C R 2120
SS.MH.T0004463	92489	09/07/2021	MANHOLE REPAIR	1213 E Laurel St
SS.MH.T0006992	92926	07/22/2021	REPLACE RING AND/OR LID	3102 Silkwood Ln,Tyler,TX,75707
SS.MH.T0014374	93106	07/26/2021	REPLACE RING AND/OR LID	4947 Cloverdale Dr
SS.MH.T0002835	95665	09/09/2021	REPLACE RING AND/OR LID	2925 Tenneha Ave
SS.MH.T0015028	95795	09/10/2021	REPLACE RING AND/OR LID	5614 Bostick Dr,Tyler,TX,75707
SS.MH.T0014507	95837	09/16/2021	ADJUST RING AND/OR LID	10980 Spur 164,Tyler,TX,75709
SS.MH.T0002859	95838	09/16/2021	ADJUST RING AND/OR LID	3047 N Broadway Ave,Tyler,TX,75702
SS.MH.T0004094	96257	09/17/2021	REGROUT RING/LID	2628 Sunnybrook Dr,Tyler,TX,75701
SS.MH.T0005001	96802	09/28/2021	REPLACE RING AND/OR LID	1201 E Lawrence St, APT 88,Tyler,TX,75702
SS.MH.T0015570	96827	09/28/2021	REPLACE RING AND/OR LID	4368 Old Omen Rd
SS.MH.T0004770	97431	10/07/2021	REPLACE RING AND/OR LID	E 6th St & S Wall Ave
SS.MH.T0004910	98048	10/14/2021	MANHOLE RAISE	1114 E Elm St,Tyler,TX,75702
SS.MH.T0001259	98528	10/20/2021	REPLACE RING AND/OR LID	922 N Fleishel Ave
SS.MH.T0003560	99491	11/09/2021	REPLACE RING AND/OR LID	W Grande Blvd & Old Jacksonville Hwy
SS.MH.T0011985	99492	11/09/2021	REPLACE RING AND/OR LID	1658 W Grande Blvd
SS.MH.T0006984	99845	11/11/2021	ADJUST RING AND/OR LID	rhones quarter rd

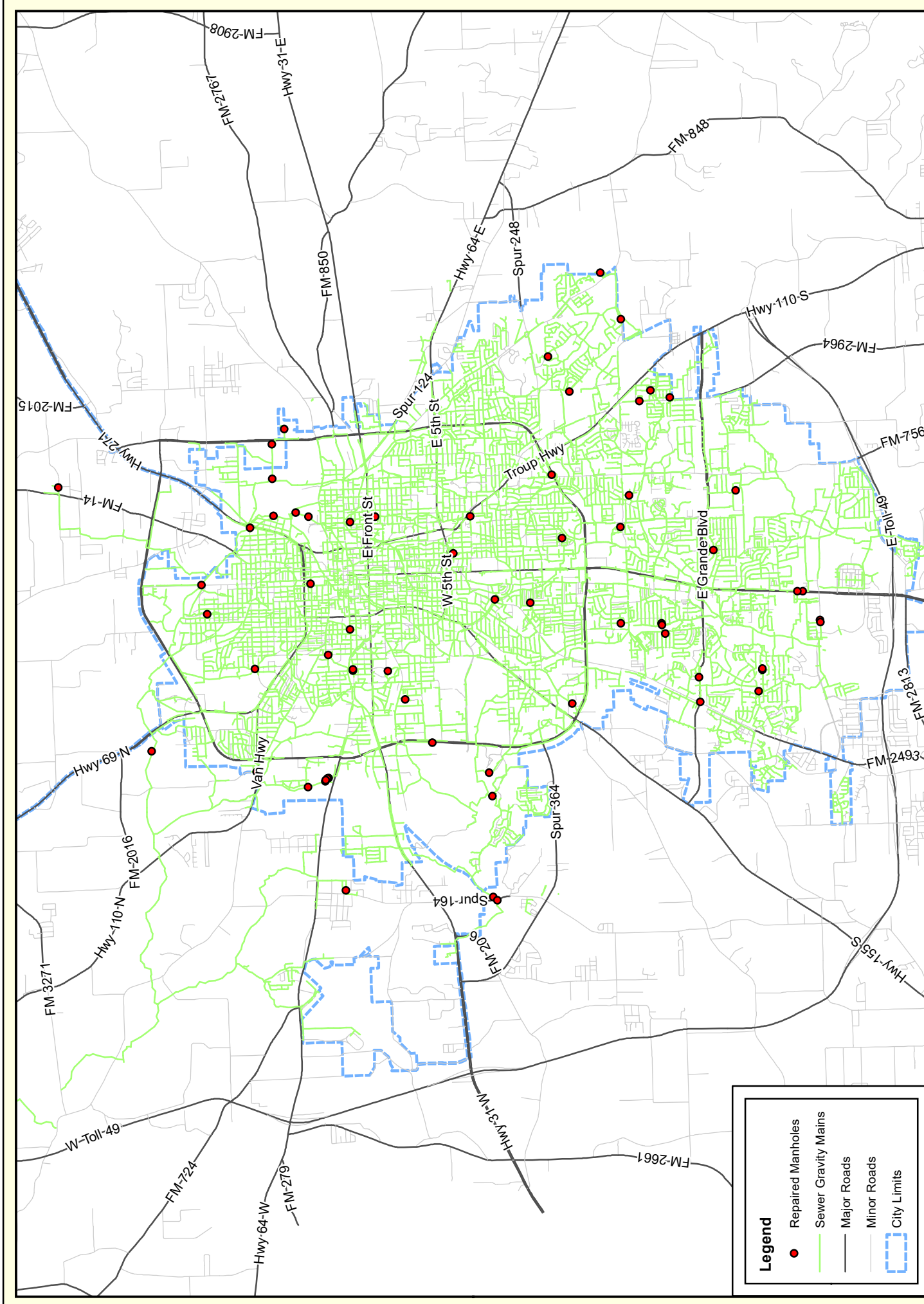


Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0004288	100131	11/30/2021											X	
SS.MH.T0009491	101121	11/23/2021			X	X								
SS.MH.T0001116	101881	9/22/2021	X	X				X						
SS.MH.T0002788	101950	12/21/2021	X	X				X						
SS.MH.T0002823	101956	11/13/2021	X					X						
SS.MH.T0002834	101959	11/13/2021	X					X						
SS.MH.T0002837	101960	11/10/2021	X				X	X						
SS.MH.T0002843	101961	11/10/2021	X		X	X	X	X						
SS.MH.T0002845	101963	11/11/2021	X				X	X						
SS.MH.T0003083	101975	12/1/2021	X					X						
SS.MH.T0003224	101989	12/1/2021	X					X						
SS.MH.T0014025	102310	12/1/2021	X					X						
SS.MH.T0000136	102844	11/8/2021							X					
SS.MH.T0000390	102852	11/4/2021		X			X							
SS.MH.T0000669	102861	10/7/2021					X						X	
SS.MH.T0000670	102862	10/11/2021					X							
SS.MH.T0000676	102865	11/4/2021			X	X							X	
SS.MH.T0000677	102866	10/13/2021					X		X					
SS.MH.T0000773	102869	11/1/2021		X			X							
SS.MH.T0000830	102870	12/15/2021		X										
SS.MH.T0000885	102875	9/28/2021		X										
SS.MH.T0001025	102877	11/2/2021					X							
SS.MH.T0001066	102879	9/15/2021					X							
SS.MH.T0001105	102880	9/17/2021					X							
SS.MH.T0001115	102881	9/17/2021					X							
SS.MH.T0001107	102882	9/17/2021					X							
SS.MH.T0001248	102887	10/11/2021					X							
SS.MH.T0001891	102922	9/15/2021					X							
SS.MH.T0001961	102924	9/15/2021					X							
SS.MH.T0001973	102925	9/21/2021					X							
SS.MH.T0001975	102927	9/21/2021					X							
SS.MH.T0002002	102928	9/16/2021											X	
SS.MH.T0002174	102930	12/8/2021		X										
SS.MH.T0002203	102934	12/7/2021		X										
SS.MH.T0002199	102936	12/3/2021											X	
SS.MH.T0002211	102937	12/6/2021			X	X	X							
SS.MH.T0002212	102939	12/7/2021			X	X								
SS.MH.T0002215	102940	12/9/2021											X	
SS.MH.T0002225	102941	12/8/2021		X	X	X								
SS.MH.T0002241	102943	12/1/2021		X										
SS.MH.T0002226	102944	12/7/2021		X	X	X								
SS.MH.T0002266	102948	12/7/2021			X	X	X							
SS.MH.T0002389	102949	12/15/2021		X			X							
SS.MH.T0002398	102952	12/9/2021		X										
SS.MH.T0002695	102958	12/25/2021			X	X	X							

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0002678	102959	9/16/2021					X							
SS.MH.T0002808	102962	10/12/2021					X							
SS.MH.T0002829	102964	10/12/2021					X							
SS.MH.T0002841	102969	10/1/2021		X										
SS.MH.T0002875	102970	10/6/2021					X	X						
SS.MH.T0002873	102971	9/30/2021					X							
SS.MH.T0002876	102974	10/6/2021					X							
SS.MH.T0002898	102975	10/11/2021					X							
SS.MH.T0002896	102976	10/11/2021					X							
SS.MH.T0002906	102978	9/30/2021					X							
SS.MH.T0002977	102979	9/30/2021					X							
SS.MH.T0003012	102980	11/1/2021					X							
SS.MH.T0003018	102982	10/11/2021					X							
SS.MH.T0003049	102984	9/30/2021					X							
SS.MH.T0003058	102986	10/6/2021									X			
SS.MH.T0003063	102988	10/11/2021					X				X			
SS.MH.T0003067	102989	11/2/2021			X	X								
SS.MH.T0003072	102991	11/2/2021			X	X								
SS.MH.T0003077	102992	11/2/2021			X	X								
SS.MH.T0003080	102993	11/1/2021		X										
SS.MH.T0003123	102994	10/5/2021		X	X	X								
SS.MH.T0003343	103025	12/15/2021		X										
SS.MH.T0003435	103033	12/9/2021		X										
SS.MH.T0004182	103103	10/11/2021					X							
SS.MH.T0004378	103108	11/2/2021					X							
SS.MH.T0004416	103110	10/12/2021					X							
SS.MH.T0004425	103112	12/25/2021			X	X	X							
SS.MH.T0004446	103115	10/11/2021					X							
SS.MH.T0004451	103116	10/11/2021					X							
SS.MH.T0004452	103117	9/29/2021					X							
SS.MH.T0004454	103118	10/13/2021					X							
SS.MH.T0004467	103119	9/29/2021					X							
SS.MH.T0004468	103120	10/6/2021					X							
SS.MH.T0004464	103121	10/13/2021					X							
SS.MH.T0004478	103123	10/13/2021					X							
SS.MH.T0004544	103125	10/11/2021					X							
SS.MH.T0004511	103126	11/2/2021			X	X								
SS.MH.T0004622	103130	11/2/2021			X	X	X						X	
SS.MH.T0004625	103132	11/2/2021		X										
SS.MH.T0004689	103135	11/30/2021			X	X	X						X	
SS.MH.T0004997	103188	11/11/2021			X	X			X					
SS.MH.T0005066	103191	11/11/2021					X							
SS.MH.T0005055	103192	11/15/2021		X			X							
SS.MH.T0005136	103201	12/3/2021		X			X							
SS.MH.T0005141	103203	12/14/2021						X						

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0005139	103204	12/6/2021			X	X								
SS.MH.T0005642	103222	12/25/2021					X							
SS.MH.T0005660	103224	11/19/2021					X							
SS.MH.T0007453	103260	11/8/2021							X					
SS.MH.T0007596	103263	9/29/2021					X							
SS.MH.T0007597	103264	9/29/2021					X							
SS.MH.T0008301	103268	9/28/2021					X				X			
SS.MH.T0008531	103271	11/8/2021							X					
SS.MH.T0008951	103280	9/29/2021					X							
SS.MH.T0008948	103281	9/30/2021			X	X	X							
SS.MH.T0009168	103288	9/29/2021					X						X	
SS.MH.T0009207	103290	10/11/2021					X							
SS.MH.T0009907	103297	12/15/2021					X							
SS.MH.T0012799	103304	10/11/2021												
SS.MH.T0012981	103307	10/5/2021		X										
SS.MH.T0013036	103308	12/25/2021			X	X								
SS.MH.T0013224	103312	9/24/2021		X										
SS.MH.T0013316	103321	12/15/2021					X							
SS.MH.T0013317	103322	12/15/2021		X			X							
SS.MH.T0013694	103329	11/24/2021					X							
SS.MH.T0014011	103335	10/6/2021							X					
SS.MH.T0014032	103338	11/16/2021			X	X	X						X	
SS.MH.T0014053	103339	11/17/2021			X	X							X	
SS.MH.T0014182	103345	9/24/2021		X										
SS.MH.T0014190	103346	9/24/2021			X	X								
SS.MH.T0014218	103350	9/23/2021			X	X								
SS.MH.T0014253	103353	11/1/2021		X			X				X			
SS.MH.T0014307	103358	10/5/2021		X	X	X								
SS.MH.T0014313	103360	10/7/2021		X										
SS.MH.T0014425	103363	11/4/2021		X										
SS.MH.T0014070	103370	11/16/2021		X	X	X							X	
SS.MH.T0014818	103373	12/8/2021					X						X	
SS.MH.T0007310	107277	9/24/2021					X							
SS.MH.T0000709	71456	9/18/2021	X	X					X	X				X
SS.MH.T0003557	72312	8/6/2021											X	
SS.MH.T0003484	74233	8/3/2021											X	
SS.MH.T0002243	74242	3/3/2021											X	
SS.MH.T0015276	74336	5/7/2021											X	
SS.MH.T0002019	74415	9/27/2021			X	X	X						X	
SS.MH.T0013793	74419	12/7/2021											X	
SS.MH.T0003102	74433	8/5/2021											X	
SS.MH.T0014790	78720	1/20/2021			X	X							X	
SS.MH.T0014607	78724	1/21/2021			X	X								
SS.MH.T0014482	78726	1/20/2021			X	X								
SS.MH.T0002560	80134	3/3/2021											X	

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0014882	80153	1/20/2021			X	X								
SS.MH.T0015262	80170	3/3/2021											X	
SS.MH.T0000320	80206	1/7/2021			X	X						X	X	
SS.MH.T0003500	80207	1/4/2021			X	X						X	X	
SS.MH.T0009296	80208	1/22/2021											X	
SS.MH.T0009420	80213	1/21/2021											X	
SS.MH.T0009529	80278	1/4/2021											X	
SS.MH.T0009980	80279	1/8/2021											X	
SS.MH.T0010024	80281	1/12/2021											X	
SS.MH.T0010076	80283	1/8/2021											X	
SS.MH.T0010120	80284	1/22/2021											X	
SS.MH.T0010162	80286	1/12/2021											X	
SS.MH.T0001632	80471	12/2/2021											X	
SS.MH.T0008087	80584	9/22/2021	X											
SS.MH.T0011663	84233	2/5/2021	X							X				
SS.MH.T0005298	84479	12/7/2021											X	
SS.MH.T0000528	89234	7/22/2021	X		X	X							X	
SS.MH.T0001480	89237	12/20/2021											X	
SS.MH.T0007283	89240	7/22/2021											X	
SS.MH.T0006363	89242	8/4/2021			X	X							X	
SS.MH.T0013036	89249	8/20/2021			X	X								
SS.MH.T0002816	89918	9/28/2021			X	X							X	
SS.MH.T0002040	91103	5/22/2021	X	X										
SS.MH.T0003158	91104	5/26/2021	X											
SS.MH.T0001133	91105	5/20/2021	X											
SS.MH.T0002539	91106	5/26/2021	X											
SS.MH.T0001726	91107	5/26/2021	X											
SS.MH.T0002545	91108	5/19/2021	X					X						
SS.MH.T0001786	91109	5/23/2021	X											
SS.MH.T0002551	91110	5/26/2021	X											
SS.MH.T0001800	91111	6/12/2021	X											
SS.MH.T0002555	91112	5/26/2021	X											
SS.MH.T0001862	91113	5/20/2021	X											
SS.MH.T0002599	91114	5/22/2021	X											
SS.MH.T0001936	91115	6/11/2021	X											
SS.MH.T0002601	91116	5/22/2021	X											
SS.MH.T0001941	91117	5/28/2021	X											
SS.MH.T0002603	91118	5/22/2021	X	X										
SS.MH.T0001948	91119	5/19/2021	X											
SS.MH.T0002673	91120	5/24/2021	X					X						
SS.MH.T0001971	91121	5/19/2021	X											
SS.MH.T0002683	91122	5/24/2021	X											
SS.MH.T0002022	91123	5/28/2021	X											
SS.MH.T0002987	91147	6/29/2021						X						
SS.MH.T0013729	92735	6/29/2021	X											

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0001827	92736	7/1/2021	X											
SS.MH.T0014244	92737	6/12/2021	X											
SS.MH.T0001842	92738	7/1/2021	X											
SS.MH.T0001854	92739	7/1/2021	X											
SS.MH.T0002535	92740	7/2/2021	X											
SS.MH.T0002562	92741	7/2/2021	X											
SS.MH.T0002576	92742	6/11/2021	X											
SS.MH.T0002585	92743	6/30/2021	X											
SS.MH.T0002594	92744	6/30/2021	X											
SS.MH.T0002639	92745	6/11/2021	X											
SS.MH.T0003159	92746	7/1/2021	X											
SS.MH.T0001079	94655	7/27/2021	X				X							
SS.MH.T0001887	94656	7/28/2021	X				X							
SS.MH.T0001926	94657	7/29/2021	X				X							
SS.MH.T0001092	94658	7/27/2021	X				X							
SS.MH.T0002004	94659	7/28/2021	X				X							
SS.MH.T0002147	94660	7/27/2021	X				X							
SS.MH.T0002592	94662	7/27/2021	X				X							
SS.MH.T0013755	94663	7/28/2021	X				X							
SS.MH.T0001100	94664	7/29/2021	X				X							
SS.MH.T0001721	94665	7/28/2021	X				X							
SS.MH.T0001741	94666	7/28/2021	X	X			X							
SS.MH.T0001757	94667	7/28/2021	X				X							
SS.MH.T0001774	94668	7/24/2021	X				X	X						
SS.MH.T0001841	94669	7/29/2021	X				X							
SS.MH.T0001878	94670	7/27/2021	X				X							
SS.MH.T0001882	94671	7/27/2021	X				X							
SS.MH.T0011492	94675	7/28/2021					X							
SS.MH.T0000386	94676	7/27/2021					X							
SS.MH.T0001910	94739	7/8/2021	X				X							
SS.MH.T0001421	94741	11/24/2021			X	X							X	
SS.MH.T0002557	94743	7/15/2021											X	
SS.MH.T0002559	94744	7/15/2021			X	X							X	
SS.MH.T0002908	94745	6/9/2021			X	X								
SS.MH.T0002144	94748	11/17/2021			X	X							X	
SS.MH.T0005897	94752	7/12/2021			X	X							X	
SS.MH.T0009562	94755	7/28/2021			X	X							X	
SS.MH.T0012873	94757	7/21/2021			X	X								
SS.MH.T0013276	94758	6/1/2021			X	X							X	
SS.MH.T0013838	94759	7/15/2021											X	
SS.MH.T0014083	94760	6/21/2021			X	X							X	
SS.MH.T0014480	94761	6/16/2021			X	X							X	
SS.MH.T0014486	94763	5/6/2021											X	
SS.MH.T0001440	94764	8/13/2021											X	
SS.MH.T0001109	94766	8/12/2021											X	

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0015473	96579	12/8/2021											X	
SS.MH.T0011028	96600	7/12/2021	X		X	X								
SS.MH.T0001090	98244	9/24/2021			X	X							X	
SS.MH.T0001171	98245	9/22/2021			X	X							X	
SS.MH.T0002715	98247	9/24/2021			X	X							X	
SS.MH.T0002066	98248	9/22/2021			X	X							X	
SS.MH.T0002125	98249	9/24/2021			X	X							X	
SS.MH.T0012997	98302	6/15/2021	X						X					
SS.MH.T0001008	98303	6/15/2021	X					X						
SS.MH.T0001231	98375	11/16/2021			X	X								
SS.MH.T0002260	98377	11/22/2021			X	X								
SS.MH.T0002292	98378	11/19/2021			X	X								
SS.MH.T0002316	98379	11/19/2021			X	X								
SS.MH.T0002453	98382	11/19/2021			X	X							X	
SS.MH.T0002745	98384	11/30/2021			X	X							X	
SS.MH.T0003414	98386	12/6/2021		X									X	
SS.MH.T0003825	98387	12/6/2021			X	X							X	
SS.MH.T0004758	98388	11/16/2021			X	X							X	
SS.MH.T0004288	98391	11/30/2021		X									X	
SS.MH.T0000941	98449	10/6/2021	X	X										
SS.MH.T0001850	98450	10/7/2021	X	X										
SS.MH.T0001914	98451	10/7/2021	X				X							
SS.MH.T0002705	98452	10/5/2021	X											
SS.MH.T0001760	98973	11/2/2021	X	X										
SS.MH.T0001748	98974	12/22/2021	X								X	X		
SS.MH.T0001034	98975	12/16/2021	X											
SS.MH.T0001751	98976	12/22/2021	X				X							
SS.MH.T0001775	98977	12/20/2021	X				X							
SS.MH.T0001779	98979	12/15/2021	X		X		X							
SS.MH.T0001788	98980	12/16/2021	X											
SS.MH.T0001812	98981	12/22/2021	X											
SS.MH.T0001883	98982	12/16/2021	X								X	X		
SS.MH.T0001871	98983	12/14/2021	X											
SS.MH.T0001886	98984	12/16/2021	X				X							
SS.MH.T0001931	98986	7/29/2021					X							
SS.MH.T0001947	98987	12/15/2021	X				X							
SS.MH.T0002556	98988	12/16/2021	X	X										
SS.MH.T0002552	98989	12/15/2021	X	X										
SS.MH.T0002586	98990	12/15/2021	X	X										
SS.MH.T0002649	98991	12/20/2021	X				X							
SS.MH.T0002616	98992	12/16/2021	X											
SS.MH.T0002653	98993	12/20/2021	X											
SS.MH.T0003156	98995	12/14/2021	X											
SS.MH.T0003160	98996	12/14/2021	X											
SS.MH.T0011537	98998	12/20/2021	X		X									

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0012830	98999	12/16/2021	X											
SS.MH.T0000376	99002	12/19/2021	X					X						
SS.MH.T0002989	99004	12/20/2021	X											
SS.MH.T0003042	99005	12/20/2021	X					X						

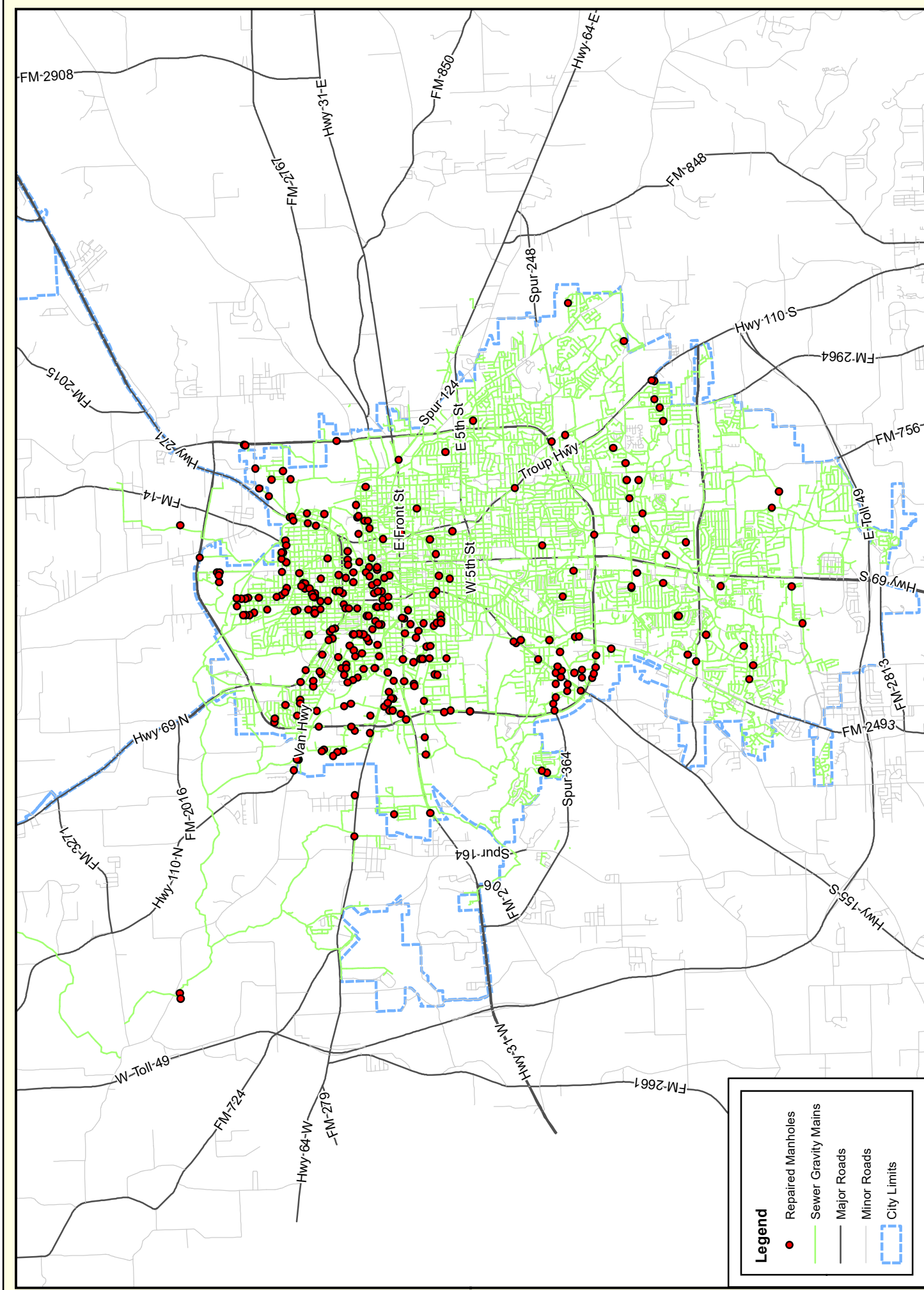


Figure L-2b. Contractor Manhole Improvements - Year 5

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1 inch = 10,000 feet

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Remedial Measure Plan										
Comment	Work Order	Date	Group #	Item #	Basin	Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation	
Repaired Manhole	80279	1/8/2021	2	502	8	C	B	SS.MH.T0009980	Monitor Manhole	
	33426	2/9/2021	2	174	8	D	C	SS.MH.T0001847	Repair Manhole	
Repaired Manhole	80134	3/3/2021	2	337	8	C	B	SS.MH.T0002560	Monitor Manhole	
	91108	5/19/2021	2	322	8	D	B	SS.MH.T0002545	Rehabilitate Manhole	
	91119	5/19/2021	2	257	8	D	B	SS.MH.T0001948	Rehabilitate Manhole	
	91121	5/19/2021	2	265	8	D	B	SS.MH.T0001971	Rehabilitate Manhole	
	91105	5/20/2021	2	53	8	D	B	SS.MH.T0001133	Rehabilitate Manhole	
	91113	5/20/2021	2	188	8	D	B	SS.MH.T0001862	Rehabilitate Manhole	
	91144	5/20/2021	2	45	15	D	C	SS.MH.T0002939	Rehabilitate Manhole	
	91103	5/22/2021	2	308	8	D	B	SS.MH.T0002040	Rehabilitate Manhole	
	91114	5/22/2021	2	373	8	D	B	SS.MH.T0002599	Rehabilitate Manhole	
	91116	5/22/2021	2	375	8	D	B	SS.MH.T0002601	Rehabilitate Manhole	
	91118	5/22/2021	2	377	8	D	B	SS.MH.T0002603	Rehabilitate Manhole	
	91109	5/23/2021	2	126	8	D	B	SS.MH.T0001786	Rehabilitate Manhole	
	91120	5/24/2021	2	443	8	D	B	SS.MH.T0002673	Rehabilitate Manhole	
	91122	5/24/2021	2	452	8	D	B	SS.MH.T0002683	Rehabilitate Manhole	
	91104	5/26/2021	2	471	8	D	B	SS.MH.T0003158	Rehabilitate Manhole	
	91106	5/26/2021	2	316	8	D	B	SS.MH.T0002539	Rehabilitate Manhole	
	91107	5/26/2021	2	68	8	D	B	SS.MH.T0001726	Rehabilitate Manhole	
	91110	5/26/2021	2	328	8	D	B	SS.MH.T0002551	Rehabilitate Manhole	
	91112	5/26/2021	2	332	8	D	B	SS.MH.T0002555	Rehabilitate Manhole	
	91117	5/28/2021	2	250	8	D	B	SS.MH.T0001941	Rehabilitate Manhole	
	91123	5/28/2021	2	291	8	D	B	SS.MH.T0002022	Rehabilitate Manhole	
Replaced Ring and Cover	49662	5/29/2021	2	136	8	C	B	SS.MH.T0001808	Monitor Manhole	
Repaired Manhole	80138	6/3/2021	2	541	8	C	B	SS.MH.T0012877	Monitor Manhole	
	91115	6/11/2021	2	245	8	D	B	SS.MH.T0001936	Rehabilitate Manhole	
	91143	6/11/2021	2	28	15	D	C	SS.MH.T0001021	Rehabilitate Manhole	
	92742	6/11/2021	2	353	8	D	B	SS.MH.T0002576	Rehabilitate Manhole	
	92745	6/11/2021	2	410	8	D	B	SS.MH.T0002639	Rehabilitate Manhole	
	91111	6/12/2021	2	130	8	D	B	SS.MH.T0001800	Rehabilitate Manhole	
	92737	6/12/2021	2	610	8	D	B	SS.MH.T0014244	Rehabilitate Manhole	
	91145	6/14/2021	2	53	15	D	C	SS.MH.T0002947	Rehabilitate Manhole	
	91146	6/14/2021	2	59	15	D	C	SS.MH.T0002953	Rehabilitate Manhole	
	91150	6/14/2021	2	6	15	D	C	SS.MH.T0000379	Rehabilitate Manhole	
	91148	6/15/2021	2	99	15	D	C	SS.MH.T0003055	Rehabilitate Manhole	
	91149	6/15/2021	2	127	15	D	C	SS.MH.T0011499	Rehabilitate Manhole	
Replaced Ring and Cover	90241	6/15/2021	2	40	15	C	B	SS.MH.T0002728	Monitor Manhole	
	91147	6/29/2021	2	76	15	D	C	SS.MH.T0002987	Rehabilitate Manhole	

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	92735	6/29/2021	2	620	8	D	B	SS.MH.T0013729	Rehabilitate Manhole
	92750	6/29/2021	2	103	15	D	C	SS.MH.T0004520	Rehabilitate Manhole
	92743	6/30/2021	2	359	8	D	B	SS.MH.T0002585	Rehabilitate Manhole
	92744	6/30/2021	2	368	8	D	B	SS.MH.T0002594	Rehabilitate Manhole
	92748	6/30/2021	2	30	15	D	C	SS.MH.T0001134	Rehabilitate Manhole
	92749	6/30/2021	2	41	15	D	C	SS.MH.T0002729	Rehabilitate Manhole
	92736	7/1/2021	2	155	8	D	B	SS.MH.T0001827	Rehabilitate Manhole
	92738	7/1/2021	2	170	8	D	B	SS.MH.T0001842	Rehabilitate Manhole
	92739	7/1/2021	2	180	8	D	B	SS.MH.T0001854	Rehabilitate Manhole
	92746	7/1/2021	2	472	8	D	B	SS.MH.T0003159	Rehabilitate Manhole
	92751	7/1/2021	2	112	15	D	C	SS.MH.T0004545	Rehabilitate Manhole
	92740	7/2/2021	2	312	8	D	B	SS.MH.T0002535	Rehabilitate Manhole
	92741	7/2/2021	2	339	8	D	B	SS.MH.T0002562	Rehabilitate Manhole
Rehabilitated Manhole	94739	7/8/2021	2	222	8	C	B	SS.MH.T0001910	Monitor Manhole
Repaired Manhole	94743	7/15/2021	2	334	8	C	B	SS.MH.T0002557	Monitor Manhole
	94744	7/15/2021	2	336	8	D	C	SS.MH.T0002559	Repair Manhole
Repaired Manhole	94757	7/21/2021	2	538	8	C	B	SS.MH.T0012873	Monitor Manhole
	94668	7/24/2021	2	115	8	D	B	SS.MH.T0001774	Rehabilitate Manhole
	94655	7/27/2021	2	32	8	D	B	SS.MH.T0001079	Rehabilitate Manhole
	94658	7/27/2021	2	43	8	D	B	SS.MH.T0001092	Rehabilitate Manhole
	94660	7/27/2021	2	311	8	D	B	SS.MH.T0002147	Rehabilitate Manhole
	94662	7/27/2021	2	366	8	D	B	SS.MH.T0002592	Rehabilitate Manhole
	94670	7/27/2021	2	199	8	D	B	SS.MH.T0001878	Rehabilitate Manhole
	94671	7/27/2021	2	203	8	D	B	SS.MH.T0001882	Rehabilitate Manhole
	94676	7/27/2021	2	13	15	D	C	SS.MH.T0000386	Rehabilitate Manhole
	94656	7/28/2021	2	208	8	D	B	SS.MH.T0001887	Rehabilitate Manhole
	94659	7/28/2021	2	274	8	D	B	SS.MH.T0002004	Rehabilitate Manhole
	94663	7/28/2021	2	628	8	D	B	SS.MH.T0013755	Rehabilitate Manhole
	94665	7/28/2021	2	63	8	D	B	SS.MH.T0001721	Rehabilitate Manhole
	94666	7/28/2021	2	83	8	D	B	SS.MH.T0001741	Rehabilitate Manhole
	94667	7/28/2021	2	98	8	D	B	SS.MH.T0001757	Rehabilitate Manhole
	94675	7/28/2021	2	126	15	D	C	SS.MH.T0011492	Rehabilitate Manhole
	94657	7/29/2021	2	236	8	D	B	SS.MH.T0001926	Rehabilitate Manhole
	94664	7/29/2021	2	45	8	D	B	SS.MH.T0001100	Rehabilitate Manhole
	94669	7/29/2021	2	169	8	D	B	SS.MH.T0001841	Rehabilitate Manhole
	98986	7/29/2021	2	240	8	D	C	SS.MH.T0001931	Rehabilitate Manhole
Repaired Manhole	80140	8/11/2021	2	539	8	C	B	SS.MH.T0012874	Monitor Manhole
	98452	10/5/2021	2	458	8	D	B	SS.MH.T0002705	Rehabilitate Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	98449	10/6/2021	2	7	8	D	B	SS.MH.T0000941	Rehabilitate Manhole
	98450	10/7/2021	2	176	8	D	B	SS.MH.T0001850	Rehabilitate Manhole
	98451	10/7/2021	2	226	8	D	B	SS.MH.T0001914	Rehabilitate Manhole
	98973	11/2/2021	2	101	8	D	B	SS.MH.T0001760	Rehabilitate Manhole
	98983	12/14/2021	2	197	8	D	B	SS.MH.T0001871	Rehabilitate Manhole
	98995	12/14/2021	2	469	8	D	B	SS.MH.T0003156	Rehabilitate Manhole
	98996	12/14/2021	2	473	8	D	B	SS.MH.T0003160	Rehabilitate Manhole
	98979	12/15/2021	2	120	8	D	B	SS.MH.T0001779	Rehabilitate Manhole
	98987	12/15/2021	2	256	8	D	B	SS.MH.T0001947	Rehabilitate Manhole
	98989	12/15/2021	2	329	8	D	B	SS.MH.T0002552	Rehabilitate Manhole
	98990	12/15/2021	2	360	8	D	B	SS.MH.T0002586	Rehabilitate Manhole
	98975	12/16/2021	2	16	8	D	B	SS.MH.T0001034	Rehabilitate Manhole
	98980	12/16/2021	2	128	8	D	B	SS.MH.T0001788	Rehabilitate Manhole
	98982	12/16/2021	2	204	8	D	B	SS.MH.T0001883	Rehabilitate Manhole
	98984	12/16/2021	2	207	8	D	B	SS.MH.T0001886	Rehabilitate Manhole
	98988	12/16/2021	2	333	8	D	B	SS.MH.T0002556	Rehabilitate Manhole
	98992	12/16/2021	2	390	8	D	B	SS.MH.T0002616	Rehabilitate Manhole
	98999	12/16/2021	2	537	8	D	B	SS.MH.T0012830	Rehabilitate Manhole
	99002	12/19/2021	2	4	15	D	B	SS.MH.T0000376	Rehabilitate Manhole
	98977	12/20/2021	2	116	8	D	B	SS.MH.T0001775	Rehabilitate Manhole
	98991	12/20/2021	2	419	8	D	B	SS.MH.T0002649	Rehabilitate Manhole
	98993	12/20/2021	2	423	8	D	B	SS.MH.T0002653	Rehabilitate Manhole
	98998	12/20/2021	2	529	8	D	B	SS.MH.T0011537	Rehabilitate Manhole
	99004	12/20/2021	2	78	15	D	B	SS.MH.T0002989	Rehabilitate Manhole
	99005	12/20/2021	2	93	15	D	B	SS.MH.T0003042	Rehabilitate Manhole
	98974	12/22/2021	2	90	8	D	B	SS.MH.T0001748	Rehabilitate Manhole
	98976	12/22/2021	2	92	8	D	B	SS.MH.T0001751	Rehabilitate Manhole
	98981	12/22/2021	2	140	8	D	B	SS.MH.T0001812	Rehabilitate Manhole
Replaced Manhole	80517	1/13/2021	3	2967	17	D	B	SS.MH.T0010265	Repair Manhole
Replaced Ring and Cover	77907	5/29/2021	3	474	12	E	C	SS.MH.T0014334	Repair Manhole
	94755	7/28/2021	3	2848	17	D	C	SS.MH.T0009562	Repair Manhole
	94749	7/29/2021	3	2379	17	D	C	SS.MH.T0003485	Repair Manhole
	74233	8/3/2021	3	2378	17	D	C	SS.MH.T0003484	Repair Manhole
	94756	8/5/2021	3	2849	17	D	A	SS.MH.T0009563	Install Cleanout Cap
Replaced Manhole	94740	8/16/2021	3	2203	17	D	B	SS.MH.T0002197	Repair Manhole
	89249	8/20/2021	3	440	11	D	C	SS.MH.T0013036	Repair Manhole
	102879	9/15/2021	3	80	7	D	C	SS.MH.T0001066	Repair Manhole
	102922	9/15/2021	3	106	7	D	C	SS.MH.T0001891	Repair Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	102924	9/15/2021	3	123	7	D	C	SS.MH.T0001961	Repair Manhole
	102928	9/16/2021	3	134	7	D	C	SS.MH.T0002002	Repair Manhole
	102959	9/16/2021	3	137	7	D	C	SS.MH.T0002678	Repair Manhole
	102880	9/17/2021	3	91	7	D	C	SS.MH.T0001105	Repair Manhole
	102881	9/17/2021	3	99	7	D	C	SS.MH.T0001115	Repair Manhole
	102882	9/17/2021	3	93	7	D	C	SS.MH.T0001107	Repair Manhole
	102925	9/21/2021	3	126	7	D	C	SS.MH.T0001973	Repair Manhole
	102927	9/21/2021	3	128	7	D	C	SS.MH.T0001975	Repair Manhole
	101881	9/22/2021	3	100	7	D	B	SS.MH.T0001116	Rehabilitate Manhole
	103350	9/23/2021	3	3172	U1	D	C	SS.MH.T0014218	Repair Manhole
	103312	9/24/2021	3	329	10	D	C	SS.MH.T0013224	Repair Manhole
	103345	9/24/2021	3	342	10	D	C	SS.MH.T0014182	Repair Manhole
	103346	9/24/2021	3	344	10	D	B	SS.MH.T0014190	Repair Manhole
	107277	9/24/2021	3	304	10	D	C	SS.MH.T0007310	Repair Manhole
	102875	9/28/2021	3	447	12	D	C	SS.MH.T0000885	Repair Manhole
	103268	9/28/2021	3	454	12	D	C	SS.MH.T0008301	Repair Manhole
	103117	9/29/2021	3	287	10	D	C	SS.MH.T0004452	Repair Manhole
	103119	9/29/2021	3	288	10	D	C	SS.MH.T0004467	Repair Manhole
	103263	9/29/2021	3	1229	13	D	C	SS.MH.T0007596	Repair Manhole
	103264	9/29/2021	3	1230	13	D	C	SS.MH.T0007597	Repair Manhole
	103280	9/29/2021	3	1243	13	D	C	SS.MH.T0008951	Repair Manhole
	103288	9/29/2021	3	1244	13	D	C	SS.MH.T0009168	Repair Manhole
	102971	9/30/2021	3	371	11	D	C	SS.MH.T0002873	Repair Manhole
	102978	9/30/2021	3	395	11	D	C	SS.MH.T0002906	Repair Manhole
	102979	9/30/2021	3	268	10	D	C	SS.MH.T0002977	Repair Manhole
	102984	9/30/2021	3	408	11	D	C	SS.MH.T0003049	Repair Manhole
	103281	9/30/2021	3	1240	13	D	C	SS.MH.T0008948	Repair Manhole
	102969	10/1/2021	3	254	10	D	C	SS.MH.T0002841	Repair Manhole
	102994	10/5/2021	3	609	13	D	B	SS.MH.T0003123	Repair Manhole
	103307	10/5/2021	3	1411	13	D	C	SS.MH.T0012981	Repair Manhole
	103358	10/5/2021	3	347	10	D	C	SS.MH.T0014307	Repair Manhole
	102970	10/6/2021	3	373	11	D	C	SS.MH.T0002875	Repair Manhole
	102974	10/6/2021	3	374	11	D	C	SS.MH.T0002876	Repair Manhole
	102986	10/6/2021	3	580	13	D	C	SS.MH.T0003058	Repair Manhole
	103120	10/6/2021	3	289	10	D	C	SS.MH.T0004468	Repair Manhole
	103122	10/6/2021	3	291	10	D	C	SS.MH.T0004474	Repair Manhole
	103335	10/6/2021	3	1455	13	D	C	SS.MH.T0014011	Repair Manhole
	102861	10/7/2021	3	182	10	D	C	SS.MH.T0000669	Repair Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	103360	10/7/2021	3	350	10	D	C	SS.MH.T0014313	Repair Manhole
	97431	10/7/2021	3	917	13	D	C	SS.MH.T0004770	Repair Manhole
	102862	10/11/2021	3	183	10	D	C	SS.MH.T0000670	Repair Manhole
	102887	10/11/2021	3	355	11	D	C	SS.MH.T0001248	Repair Manhole
	102975	10/11/2021	3	390	11	D	C	SS.MH.T0002898	Repair Manhole
	102976	10/11/2021	3	389	11	D	C	SS.MH.T0002896	Repair Manhole
	102982	10/11/2021	3	572	13	D	C	SS.MH.T0003018	Repair Manhole
	102988	10/11/2021	3	584	13	D	C	SS.MH.T0003063	Repair Manhole
	103103	10/11/2021	3	414	11	D	C	SS.MH.T0004182	Repair Manhole
	103115	10/11/2021	3	281	10	D	C	SS.MH.T0004446	Repair Manhole
	103116	10/11/2021	3	286	10	D	C	SS.MH.T0004451	Repair Manhole
	103125	10/11/2021	3	421	11	D	C	SS.MH.T0004544	Repair Manhole
	103290	10/11/2021	3	1249	13	D	C	SS.MH.T0009207	Repair Manhole
	103304	10/11/2021	3	1386	13	D	C	SS.MH.T0012799	Repair Manhole
	102962	10/12/2021	3	225	10	D	C	SS.MH.T0002808	Repair Manhole
	102964	10/12/2021	3	243	10	D	C	SS.MH.T0002829	Repair Manhole
	103110	10/12/2021	3	756	13	D	C	SS.MH.T0004416	Repair Manhole
	102866	10/13/2021	3	188	10	D	C	SS.MH.T0000677	Repair Manhole
	103118	10/13/2021	3	777	13	D	C	SS.MH.T0004454	Repair Manhole
	103121	10/13/2021	3	786	13	D	C	SS.MH.T0004464	Repair Manhole
	103123	10/13/2021	3	788	13	D	C	SS.MH.T0004478	Repair Manhole
	102869	11/1/2021	3	490	13	D	C	SS.MH.T0000773	Repair Manhole
	102980	11/1/2021	3	566	13	D	C	SS.MH.T0003012	Repair Manhole
	102987	11/1/2021	3	587	13	D	C	SS.MH.T0003066	Repair Manhole
	102993	11/1/2021	3	600	13	D	C	SS.MH.T0003080	Repair Manhole
	103353	11/1/2021	3	1512	13	D	C	SS.MH.T0014253	Repair Manhole
	104323	11/1/2021	3	1326	13	D	A	SS.MH.T0010114	Install Cleanout Cap
	102877	11/2/2021	3	504	13	D	C	SS.MH.T0001025	Repair Manhole
	102989	11/2/2021	3	588	13	D	C	SS.MH.T0003067	Repair Manhole
	102991	11/2/2021	3	592	13	D	C	SS.MH.T0003072	Repair Manhole
	102992	11/2/2021	3	597	13	D	C	SS.MH.T0003077	Repair Manhole
	103108	11/2/2021	3	741	13	D	C	SS.MH.T0004378	Repair Manhole
	103126	11/2/2021	3	799	13	D	C	SS.MH.T0004511	Repair Manhole
	103130	11/2/2021	3	842	13	D	C	SS.MH.T0004622	Repair Manhole
	103132	11/2/2021	3	844	13	D	C	SS.MH.T0004625	Repair Manhole
	102852	11/4/2021	3	475	13	D	C	SS.MH.T0000390	Repair Manhole
	102865	11/4/2021	3	187	10	D	C	SS.MH.T0000676	Repair Manhole
	103363	11/4/2021	3	1514	13	D	C	SS.MH.T0014425	Repair Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	102844	11/8/2021	3	3167	U1	D	C	SS.MH.T0000136	Repair Manhole
	103260	11/8/2021	3	16	4	D	C	SS.MH.T0007453	Repair Manhole
	103271	11/8/2021	3	154	7	D	C	SS.MH.T0008531	Repair Manhole
	101960	11/10/2021	3	250	10	D	B	SS.MH.T0002837	Rehabilitate Manhole
	101961	11/10/2021	3	256	10	D	B	SS.MH.T0002843	Rehabilitate Manhole
	101963	11/11/2021	3	257	10	D	B	SS.MH.T0002845	Rehabilitate Manhole
	103188	11/11/2021	3	1085	13	D	C	SS.MH.T0004997	Repair Manhole
	103191	11/11/2021	3	1131	13	D	C	SS.MH.T0005066	Repair Manhole
	101956	11/13/2021	3	237	10	D	B	SS.MH.T0002823	Rehabilitate Manhole
	101959	11/13/2021	3	247	10	D	B	SS.MH.T0002834	Rehabilitate Manhole
	103192	11/15/2021	3	1120	13	D	C	SS.MH.T0005055	Repair Manhole
	103338	11/16/2021	3	1471	13	D	C	SS.MH.T0014032	Repair Manhole
	103339	11/17/2021	3	1488	13	D	C	SS.MH.T0014053	Repair Manhole
	103224	11/19/2021	3	1184	13	D	C	SS.MH.T0005660	Repair Manhole
	103329	11/24/2021	3	1437	13	D	C	SS.MH.T0013694	Repair Manhole
	103135	11/30/2021	3	852	13	D	C	SS.MH.T0004689	Repair Manhole
	101975	12/1/2021	3	603	13	D	B	SS.MH.T0003083	Rehabilitate Manhole
	101989	12/1/2021	3	661	13	D	B	SS.MH.T0003224	Rehabilitate Manhole
	102310	12/1/2021	3	1465	13	D	B	SS.MH.T0014025	Rehabilitate Manhole
	102943	12/1/2021	3	2238	17	D	C	SS.MH.T0002241	Repair Manhole
	102936	12/3/2021	3	2205	17	D	C	SS.MH.T0002199	Repair Manhole
	103201	12/3/2021	3	2675	17	D	C	SS.MH.T0005136	Repair Manhole
	102937	12/6/2021	3	2216	17	D	C	SS.MH.T0002211	Repair Manhole
	103204	12/6/2021	3	2678	17	D	C	SS.MH.T0005139	Repair Manhole
	102934	12/7/2021	3	2208	17	D	C	SS.MH.T0002203	Repair Manhole
	102939	12/7/2021	3	2217	17	D	C	SS.MH.T0002212	Repair Manhole
	102944	12/7/2021	3	2228	17	D	C	SS.MH.T0002226	Repair Manhole
	102948	12/7/2021	3	2245	17	D	C	SS.MH.T0002266	Repair Manhole
	74419	12/7/2021	3	3078	17	D	C	SS.MH.T0013793	Repair Manhole
	102930	12/8/2021	3	2184	17	D	C	SS.MH.T0002174	Repair Manhole
	102941	12/8/2021	3	2227	17	D	C	SS.MH.T0002225	Repair Manhole
	103373	12/8/2021	3	58	5	D	C	SS.MH.T0014818	Repair Manhole
	102940	12/9/2021	3	2220	17	D	C	SS.MH.T0002215	Repair Manhole
	102952	12/9/2021	3	2266	17	D	C	SS.MH.T0002398	Repair Manhole
	103033	12/9/2021	3	2357	17	D	C	SS.MH.T0003435	Repair Manhole
	103203	12/14/2021	3	2679	17	D	C	SS.MH.T0005141	Repair Manhole
	102870	12/15/2021	3	2028	17	D	C	SS.MH.T0000830	Repair Manhole
	102949	12/15/2021	3	2257	17	D	C	SS.MH.T0002389	Repair Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan				Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin					
	103025	12/15/2021	3	2293	17		D	C	SS.MH.T0003343	Repair Manhole
	103297	12/15/2021	3	2888	17		D	C	SS.MH.T0009907	Repair Manhole
	103321	12/15/2021	3	3052	17		D	C	SS.MH.T0013316	Repair Manhole
	103322	12/15/2021	3	3053	17		D	C	SS.MH.T0013317	Repair Manhole
	101950	12/21/2021	3	560	13		D	B	SS.MH.T0002788	Rehabilitate Manhole
	102958	12/25/2021	3	541	13		D	C	SS.MH.T0002695	Repair Manhole
	103112	12/25/2021	3	762	13		D	C	SS.MH.T0004425	Repair Manhole
	103222	12/25/2021	3	1181	13		D	C	SS.MH.T0005642	Repair Manhole
Total									236 Manholes	

Section M. Completion of Lift Station Remedial Measures (Paragraph 69)

The Lift Station Assessment Report and Improvement Plan was submitted to the EPA and TCEQ on 25 September 2018. All the remedial measures from the submitted Lift Station Improvement Plan are outlined in this Section along with any additional remedial measure activities associated with the Tyler's Lift Stations.

Table M-1 below is a summary of the total estimated costs for the recommended remedial measures. The total estimated project cost includes Engineering Services and Administrative Fees. **Table M-1** was included in said Lift Station Condition Assessment Report and Improvement Plan.

Table M-2 lists the summary of the planned and completed remedial activities. Lift Station improvement work is ongoing, and all work completed to date is included.

Figure M-1 shows the locations of all City of Tyler lift stations. Lift stations that have had improvement work performed during the 1 January 2021 through 31 December 2021 reporting period, are indicated in **red**. The others either do not need remedial work, or said work was performed prior to the 1 January 2021 through 31 December 2021 reporting period.

Table M-1: Lift Station Improvement Plan Estimated Cost

	TOTAL PRICE
<i>Total Construction Cost =</i>	<i>\$888,330</i>
<i>Engineering Services (10%) =</i>	<i>\$88,850</i>
<i>Administrative Fee (30%) =</i>	<i>\$266,500</i>
<i>TOTAL PROJECT COST =</i>	<i>\$1,243,680</i>

Table M-2: Lift Station Improvement Plan Summary

City of Tyler Lift Station Condition Assessment Improvements

RECOMMENDED IMPROVEMENTS TO ANIMAL SHELTER LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Install Electric Breaker for Pump 1	1	3/20/2019	45460
2	Install Cam Lock Quick Connect to Force Main for Portable Pump. (Cost includes valves, fittings, etc. required for connection)	1	7/3/2019	45462
3	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	-	11/1/2018	45464
4	Install Flood Light on Site	1	3/20/2019	45465

RECOMMENDED IMPROVEMENTS TO BELLWOOD LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Install Stainless Steel I/I Inhibitor at Wet Well Access Manhole	1	9/10/2021	45584
2	Replace Manhole Lid on Gravity Influent Line	1	11/12/2018	45585
3	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	45583
4	Line wet well for corrosion protection	363	9/10/2021	45587
6	Install NEMA4X Electrical Panels	1		45590
7	Replace on Site Lighting	1	12/19/2018	45586
8	Replace Latch on Dog House Door	1	12/7/2020	45591

RECOMMENDED IMPROVEMENTS TO CR 46 NEW HARMONY LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	54503
2	Inspect For Functionality and Replace 12" DI Surge Valve.	1	2/28/2019	45410
3	Repair Chain Link Fence	1		45408
4	Repair Asphalt Driveway	1	6/21/2018	54504

RECOMMENDED IMPROVEMENTS TO DIXIE LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	45602
2	Replace Dog House Cover	1		45603
3	Replace Electrical Panel Enclosure	1		45604
4	Coat Wet Well To Avoid Further Concrete Deterioration	260	9/17/2021	45606
5	Install Stainless Steel I/I Inhibitor at Wet Well	1	9/17/2021	45601
6	Install Exterior and Interior Light	1	3/19/2019	45607

Table M-2: Lift Station Improvement Plan Summary (Continued)

RECOMMENDED IMPROVEMENTS TO GREENBRIAR LIFT STATION				
ITEM	DESCRIPTION	QTY.	Complete	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	54505
2	Repair 2" PVC Water Line Inside Building	1	2/12/2019	54506
3	Remove and Replace Damaged 2 ft by 2 ft DI Slab Cover for Future Pump With FRP Cover	1		45419
4	Repair Asphalt Driveway	1	9/21/2020	45417

RECOMMENDED IMPROVEMENTS TO HAVERHILL LIFT STATION				
ITEM	DESCRIPTION	QTY.	Complete	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	45466
2	Replace 6-inch D.I. Check Valve	1	4/5/2019	45467
3	Install Force Main Cam Lock for use with backup pumps	1	4/3/2019	45468
4	Replace Wet Well Access Manhole Lid	1	4/6/2019	45470
5	Site Grading Around Dog House To Ensure Positive Drainage	1	4/5/2019	45473
6	Replace Riser Piping and Fittings in Wet Well	1	4/5/2019	45474
7	Install Stainless Steel Inflow Inhibitor at Wet Well Access Manhole	1	6/20/2020	45475
8	Install Strobe and Horn Alarm System	1	5/4/2020	45476
9	Coat/Seal Wet Well Rim	1		45428

RECOMMENDED IMPROVEMENTS TO HIGHWAY 31 LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	54507
2	Install Sump Pump/ Drain for Valve Vault	1	2/4/2019	45430

RECOMMENDED IMPROVEMENTS TO HWY 69 LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	54508
2	Troubleshoot low pumping rate of Pump No.1 during next scheduled pump inspection	1	4/25/2018	54509

RECOMMENDED IMPROVEMENTS TO HOGAN LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	54510
2	Troubleshoot Pump No. 2 discharge.	1	3/20/2018	54511
3	Address check valve, riser pipe and fittings, repair, clean and	1	8/27/2019	54512

Table M-2: Lift Station Improvement Plan Summary (Continued)

RECOMMENDED IMPROVEMENTS TO NOTTINGHAM LANE LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	45547
2	Address check valve, riser pipe and fittings, repair, clean and seal/paint/coat	1		45548
3	Site Grading Around Generator Base Slab To Ensure Positive Drainage	1	12/20/2020	45549
4	Repair Valve Vault Drain	1	3/27/2019	45551
5	Install on Site Lighting	1	5/23/2019	45552

RECOMMENDED IMPROVEMENTS TO PILOT TRUCK LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	45554
2	Relocate Electric Junction Box (nearWet Well) and Air Compressor Off Ground to Vertical Frame with Electrical and Instrumentation	1	11/2/2018	45557
3	Check Functioning and Replace 6" DI check Valves	2	1/19/2019	45561
4	Check Valves, riser and fittings, repair, clean and seal	1	2/12/2020	45437

RECOMMENDED IMPROVEMENTS TO RUSTIC PARK LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Replace 6" D.I. Check Valve	1	6/25/2019	45610
2	Install Force Main Cam Lock for use with backup pumps	1		45612
3	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	45609
4	Seal Holes Using Link Seal at Points Where Suction Pipes Enter Wet Well	1	9/23/2021	104202
5	Line wet well for corrosion protection	175	9/23/2021	45614
6	Install Lighting on Site	1	6/18/2019	45615
7	Check Valves, riser and fittings, repair, clean and seal	1	5/28/2020	45438

RECOMMENDED IMPROVEMENTS TO SHORELINE LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Install Force Main Cam Lock for use with backup pumps	1		45446
2	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	10/31/2018	54514
3	Check Valves, riser and fittings, repair, clean and seal	1		45443
4	Replace 4" Check Valve	1		45447

Table M-2: Lift Station Improvement Plan Summary (Continued)

RECOMMENDED IMPROVEMENTS TO STEWART LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Install Force Main Cam Lock for use with backup pumps	1		45571
2	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	10/31/2018	45563
3	Address check valve, riser pipe and fittings clean and seal/paint	1		45668
4	Line wet well for corrosion protection	377		45572

RECOMMENDED IMPROVEMENTS TO UNIVERSITY PARK LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Install Force Main Cam Lock for use with backup pumps	1	10/16/2019	54516
2	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	54515
3	Install Package Lift Station with 6 ft Diameter by 10 ft Depth Fiberglass Wet Well	1	10/16/2019	54517
4	Install Strobe and Horn Alarm System	1	10/16/2019	54518
5	Install NEMA4X Electrical and Instrumentation Panels	1	10/16/2019	54519

RECOMMENDED IMPROVEMENTS TO BROOKS LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	10/31/2018	45530
2	Rehab and Close electrical conduit on Top of Electric Panel to Avoid Rain Water Entering Panel	1	12/10/2020	45526
3	Site Grading Along Southside Fence	1	6/18/2021	45543
4	Reconnect Strobe Alarm System	1	12/10/2020	45546
5	Check Valves, riser and fittings, chains, repair, clean and seal	1	12/10/2020	45451

RECOMMENDED IMPROVEMENTS TO CHARLESTON LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Check For Cause of Failure and Repair/ Replace Pump 1 (Submersible Type-12 HP, 130 GPM)	1		54520
2	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	10/31/2018	54521
3	Inspect For Functionality and Replace 6" DI Surge Valve. (2)	2		54522
4	Address check valve, riser pipe and fittings clean and seal/paint	1		54523
5	Install Cam Lock Quick Connect to Force Main for Portable Pump. (Cost includes valves, fittings, etc. required for connection)	1	10/31/2020	54524
6	Replace flexible piping	1		54525

Table M-2: Lift Station Improvement Plan Summary (Continued)

RECOMMENDED IMPROVEMENTS TO CROSSINGS LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	None. Lift station to be replaced.	0	NA	NA

RECOMMENDED IMPROVEMENTS TO EAST GRANDE LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	10/31/2018	54526

RECOMMENDED IMPROVEMENTS TO FAULKNER LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	None. Closed-packaged system. Most components could not be assessed.	0	NA	NA

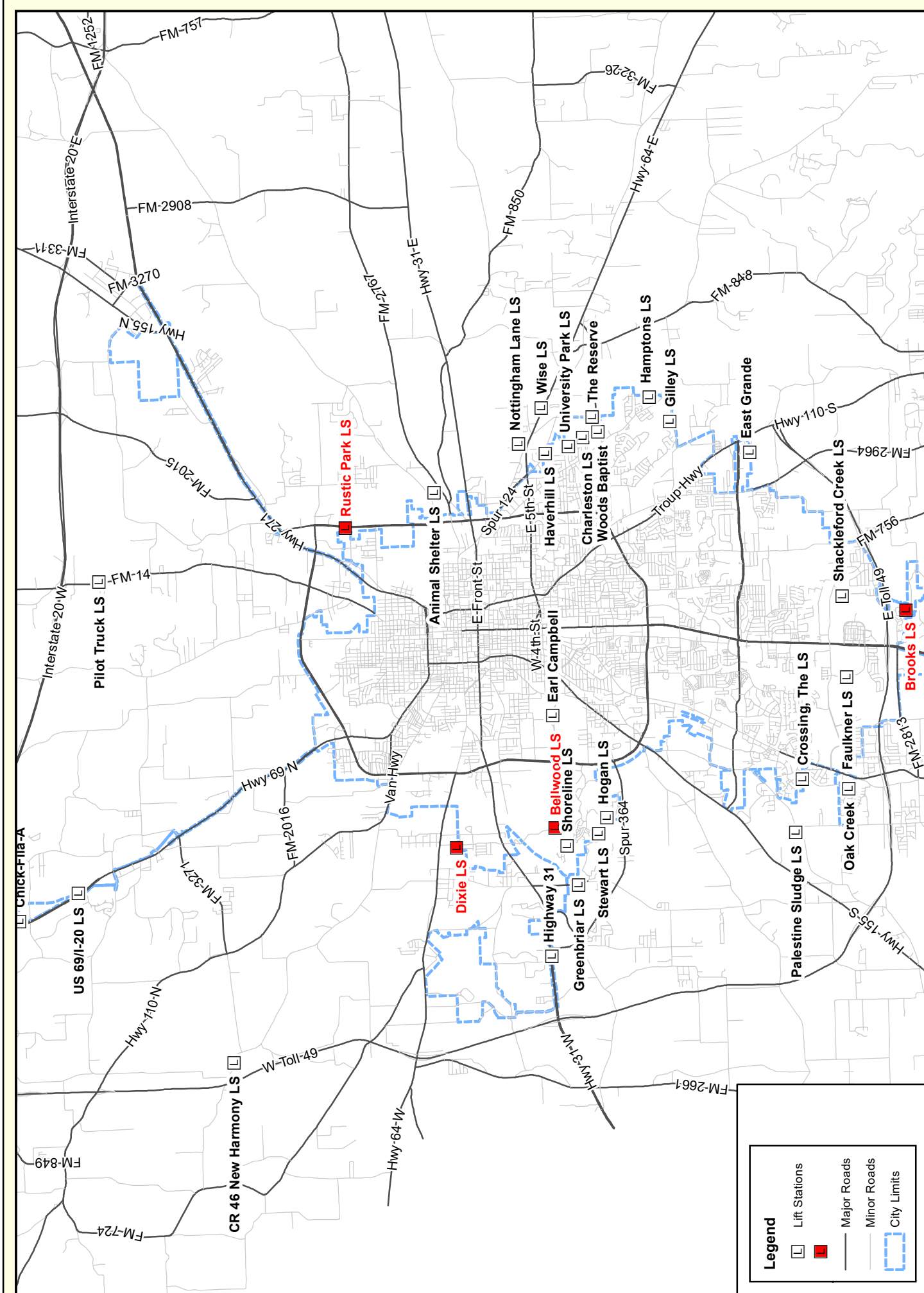
RECOMMENDED IMPROVEMENTS TO GILLEY CREEK LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Provide Flood Protection Wall Around Lift Low-Lying Lift Station (70' L x 4' H x 8" T)	1		54532
2	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	54533
3	Install Strobe and Horn Alarm System	1	2/2/2019	54534
4	Install NEMA4X electric panel on site with phase monitors and triplex transducer controls	1	2/2/2019	54535
5	Investigate source of excessive noise.	1	10/18/2018	54536
6	Check Valves, riser and fittings, repair, clean and seal	1	8/11/2019	45452

RECOMMENDED IMPROVEMENTS TO HAMPTONS LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	45574
2	Address check valve, riser pipe and fittings corrosion. Clean and seal/paint	1	8/12/2019	45573
3	Investigate duplex operation control	1	11/19/2018	45577
4	Install Force Main Cam Lock for use with backup pumps.	1		45579
5	Reorient Electric Panel Away From Fence To Allow Access For Maintenance	1	11/15/2018	45580

Table M-2: Lift Station Improvement Plan Summary (Continued)

RECOMMENDED IMPROVEMENTS TO OAKS LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	10/31/2018	NA

RECOMMENDED IMPROVEMENTS SHACKLEFORD CREEK LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	54527
2	Address corrosion/moisture Existing Electrical Panel (first floor)	1		54528
3	Address check valve, riser pipe and fittings corrosion. Clean and seal/paint	1	5/6/2020	54529
4	Curtain Wall Grout Foundation and Building Wall on Westside	1		54530
5	Replace Level Float	1	6/6/2019	54531



Section N. Completion of Force Main Remedial Measures (Paragraph 74)

The Force Main and ARV Condition Assessment Report and Remedial Measures Plan was submitted to the EPA and TCEQ on 25 September 2018. The original table from the submitted Force Main and ARV Condition Assessment Report and Remedial Measures Plan has been split into force main and ARV sections. **Table N-1**, below, lists the summary force main remedial activities for 2021. Note that all force main remedial measures from the submitted Force Main and ARV Condition Assessment Report and Remedial Measures Plan were completed prior to 2021.

Table N-1: Force Main Improvement Plan and Completed Repairs

Work Order	Date Completed	Address	Force Main Asset ID
100207	11/18/2021	6150 Rhones Quarter Rd	SS.FM.T0000064
101802	12/14/2021	6429 Sydney Rd, Whitehouse, TX, 75791	SS.FM.T0000080
93214	7/27/2021	5736 Reed Rd	SS.FM.T0000071

Table N-2, lists the completed ARV remedial activities for 2021. It should be noted that all ARV improvements outlined in the Force Main and ARV Condition Assessment Report and Remedial Measure Plan have been concluded, with the ARV remedial activities completed in 2021.

Table N-2: Summary Updated ARV Improvement Plan and Completed Repairs

Work Order	Date Completed	ARV Asset ID	General ID
89566	07/28/2021	SS.CV.T0000063	HWY 31 W ARV CV.0000063
89574	08/03/2021	SS.CV.T0000068	BELLWOOD ARV CV.0000068
89577	08/02/2021	SS.CV.T0000069	BELLWOOD ARV CV.0000069 (Original ID 1222)
89582	07/27/2021	SS.CV.T0000062	HWY 31 W ARV CV.0000062
89584	08/23/2021	SS.CV.T0000004	CHARLESTON ARV CV.0000004
89589	08/26/2021	SS.CV.T0000034	
89599	08/19/2021	SS.CV.T0000076	GREENBRIAR ARV CV.0000076
89601	07/28/2021	SS.CV.T0000077	HWY 31 W ARV CV.0000077
89602	09/08/2021	SS.CV.T0000078	PILOT ARV CV.0000078 (Original ID 1291)
89605	09/07/2021	SS.CV.T0000025	PILOT ARV CV.0000025 (Original ID 1260)
89608	08/12/2021	SS.CV.T0000070	BROOKS ARV CV.0000070
89610	08/27/2021	SS.CV.T0000071	BROOKS ARV CV.0000071
89611	08/27/2021	SS.CV.T0000072	BROOKS ARV CV.0000072
89612	08/16/2021	SS.CV.T0000029	CROSSING ARV CV.0000029 (Original ID 1300)
89613	08/25/2021	SS.CV.T0000064	E GRANDE ARV CV.0000064
89614	08/20/2021	SS.CV.T0000075	GILLEY CREEK ARV CV.0000075
89616	08/16/2021	SS.CV.T0000022	SHACKLEFORD CREEK ARV CV.0000022 (Original ID 1230)

Figure N-1 is a map of the ARV repair locations.

Section O. Additional Constructed SSO Locations (Paragraph 77)

No additional constructed SSO locations were identified during this 1 January 2021 through 31 December 2021 reporting period.