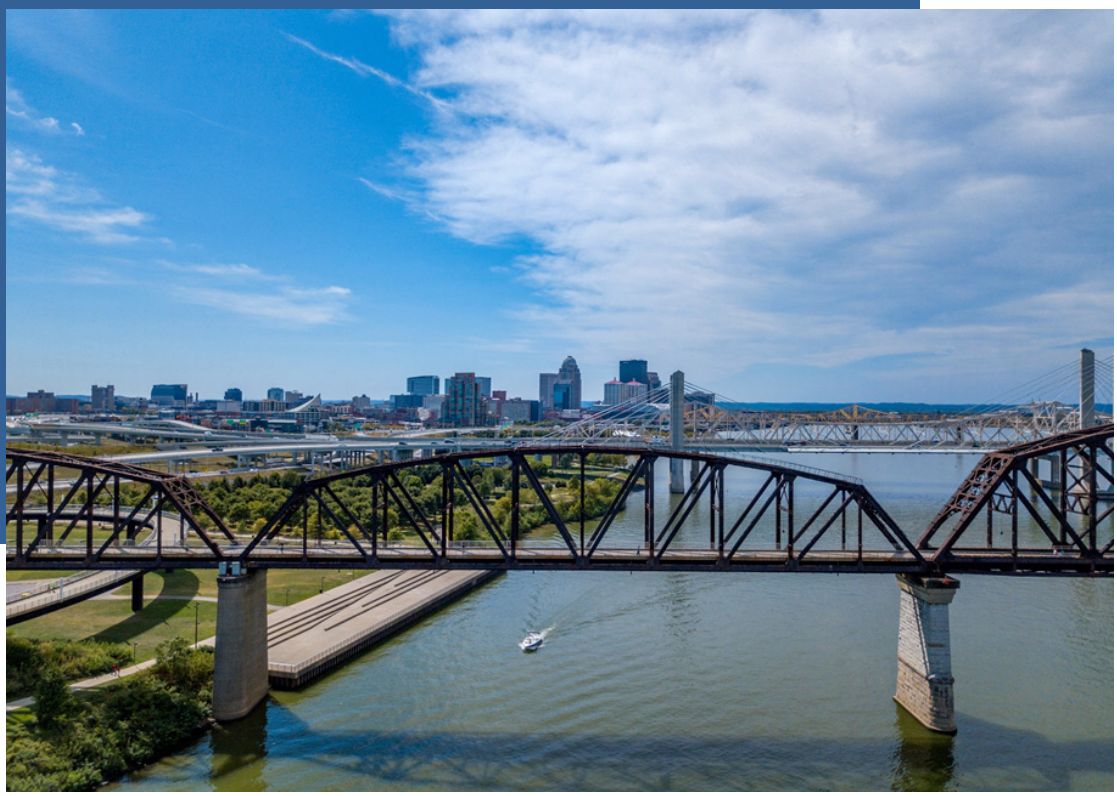


Louisville and Jefferson County Metropolitan Sewer District Second Amended Consent Decree Annual Report FY26

msd
Safe, clean waterways

Louisville & Jefferson County Metropolitan Sewer District
Second Amended Consent Decree Annual Report

Reporting Period:

July 1, 2025 through June 30, 2026

Submitted To:

Kentucky Department of Environmental Protection

United States Environmental Protection Agency

United States Department of Justice

Submitted By:

Louisville and Jefferson County Metropolitan Sewer District

700 W. Liberty Street

Louisville, Kentucky 40203-1911

Submittal Date:

September 30, 2026

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Safe, clean waterways

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September 30, 2026

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Post Office Box 7611
Washington, DC 20044-7611

Subject: Annual Report
July 1, 2025 through June 30, 2026
Civil Action No. 3:05-cv-236-S
DOJ Case No. 90-5-1-1-08254

Attention Director and Chiefs:

Please find attached our Annual Report, prepared in accordance with Paragraph 42 of our Second Amended Consent Decree. This report is for the period July 1, 2025, through June 30, 2026.

I certify under penalty of law that this document and all attachments were prepared under our 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 the possibility of fine and imprisonment for knowing violations.

If you have questions or need additional information, please contact me at (502) 540-6392.

Sincerely,

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387230FBE8A44FA...
David W. Johnson, PE
MSD Chief Engineer

DocuSigned by:
Brian Bingham
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Brian Bingham
MSD Chief Operations Officer

cc: James A. Parrott, Executive Director
Kellie Watson, General Counsel
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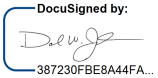
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Payment Events	Status	Timestamps

TABLE OF CONTENTS

Introduction vii

Section 1: Project Waterway Improvements Now (WIN) Performance Overview 1

1.1. Rainfall 1
1.2. Authorized Discharges — Wet Weather CSOs 1
1.2.1. Current Reporting Period 1
1.2.2. Cumulative Discharge Reductions 1
1.3. Unauthorized Discharges — Wet Weather SSOs 4
1.3.1. Current Reporting Period 4
1.3.2. Cumulative Discharge Reductions 4
1.4. Unauthorized Discharges — Dry Weather CSOs 5
1.5. Unauthorized Discharges — Dry Weather SSOs 5
1.6. Bypasses at Water Quality Treatment Centers 5
1.7. Overflows 6
1.7.1. Wet Interior Overflows 6
1.7.2. Dry Interior Overflows 6
1.7.3. Wet Exterior Overflows 6
1.7.4. Dry Exterior Overflows 6

Section 2: Program Activities for Discharge Abatement Plans 11

2.1. Integrated Overflow Abatement Plan (IOAP) 11
2.1.1. IOAP Programmatic Conditions 11
2.2. Sanitary Sewer Discharge Plan (SSDP) 13
2.3. CSO Long Term Control Plan (LTCP) 16
2.4. Additional Early Action Plan (AEAP) Projects 16
2.5. Post-Construction Compliance Monitoring (PCCM) 16
2.5.1. PCCM for SSDP Projects 17
2.5.2. PCCM for LTCP Projects 19
2.5.3. Stream Flow and Water Quality Monitoring 20
2.6. IOAP Activity Schedule 20

Section 3: Program Activities for Nine Minimum Controls 23

3.1. NMC 1: Proper Operation and Maintenance Programs 23
3.2. NMC 2: Maximization of Storage in the Collection System 24
3.2.1. Real Time Control (RTC) Optimization 24
3.2.2. Storage Optimization 24
3.3. NMC 3: Review and Modification of Pretreatment Requirements 25
3.4. NMC 4: Maximization of Flow at the Morris Forman Water Quality Treatment Center (WQTC) 27

3.4.1. Capital Projects 27
3.4.2. Morris Forman WQTC Performance 27
3.4.3. Wet Weather Capture 29
3.5. NMC 5: Elimination of Combined Sewer Overflows during Dry Weather 30
3.6. NMC 6: Control of Solids and Floatable Materials in Combined Sewer Overflows 30
3.7. NMC 7: Pollution Prevention Programs to Reduce Contaminants in Combined Sewer Overflows 31
3.8. NMC 8: Public Notification 31
3.9. NMC 9: Monitoring to Characterize Combined Sewer Overflow Impacts and the Efficacy of Combined Sewer Overflow Controls 32
3.10. NMC Activity Schedule 32
Section 4: Program Activities for Capacity Management, Operations and Maintenance 41
4.1. Capacity Management Operations and Maintenance Program Activities 41
4.1.1. Management Programs 41
4.1.2. Operations Programs 59
4.1.3. Maintenance Programs 65
4.2. Comprehensive Performance Evaluations and Composite Correction Plans (CPE/CCP) 67
4.2.1. All Water Quality Treatment Centers 67
4.3. CMOM Activity Schedule 68
Section 5: Program Activities for Sewer Overflow Response Protocol 79
5.1. Discharge Definitions and Documentation 79
5.2. Overflow Management and Field Documentation 80
5.3. Regulatory Reporting and Data Management 84
5.4. Staff Training & Communication 84
5.5. Public Notification and Communication 84
Section 6: Program Activities for Public Outreach, Education, Notification and Participation 85
6.1. Public Notification Program 85
6.1.1. Overflow Advisory Signs 85
6.1.2. Electronic Notifications 85
6.1.3. Print Notifications 85
6.2. Public Education Programs 86
6.2.1. Radio and TV Activities 88
6.2.2. Printed Media Activities 89
6.2.3. Digital Media Activities 89
6.3. Public Outreach Programs 90
6.3.1. IOAP Project and Program Meetings 93
Section 7: Program Activities for Asset Management (AM) 95

7.1. Strategic Asset Management Plan 95
7.2. Tactical Asset Management Plans 96
7.2.1. All Tamps 96
7.2.2. Morris Forman WQTC TAMP 97
7.2.3. Derek R. Guthrie WQTC TAMP 97
7.2.4. Hite Creek WQTC TAMP 97
7.2.5. Cedar Creek WQTC TAMP 97
7.2.6. Floyds Fork WQTC TAMP 98
7.2.7. Pump Stations, Force Mains, and Gates (PSFMG) TAMP 98
7.2.8. Gravity Linear TAMP 98
7.3. Asset Management Program Costs 98
7.4. AM Activity Schedule 99

FIGURES

Figure 1.1. MSD Rain Gauge Network 2
Figure 1.2. Daily Average Rainfall by Month 2
Figure 1.3. Wet Weather CSO Cumulative Reduction Modeled Projection - Volume 3
Figure 1.4. Wet Weather CSO Cumulative Reduction Modeled Projection - Occurrences 3
Figure 1.5. Wet Weather SSO Cumulative Reduction Modeled Projection at LOC - Occurrences 4
Figure 1.6. Wet Weather SSO Cumulative Reduction Modeled Projection at LOC - Volume 5
Figure 2.1. IOAP Activity Schedule 21
Figure 3.1. CSO Locations Relative to Morris Forman WQTC 27
Figure 3.2. Morris Forman WQTC Wet Weather Capture Trend 29
Figure 3.3. NMC Activity Schedule 33
Figure 4.1. CMOM Activity Schedule 69
Figure 6.1. MSD's Significant Capital Project Meeting Process 93
Figure 7.1. Asset Management Schedule 100

TABLES

Table 1.1. Wet Weather CSO Discharge Summary - Current Reporting Period.....1

Table 1.2. Wet Weather SSO Cumulative Reduction Modeled Projection at LOC - Summary 4

Table 1.3. Wet Weather SSO Discharge Volume (gal) - Historic and Current Reporting Periods.....7

Table 1.4. Wet Weather SSO Discharge Occurrence - Historic and Current Reporting Periods.....7

Table 1.5. Dry Weather CSO Discharge Volume (gal) - Historic and Current Reporting Periods.....7

Table 1.6. Dry Weather CSO Discharge Occurrence - Historic and Current Reporting Periods.....7

Table 1.7. Dry Weather SSO Discharge Volume (gal) - Historic and Current Reporting Periods.....8

Table 1.8. Dry Weather SSO Discharge Occurrence - Historic and Current Reporting Periods.....8

Table 1.9. Bypass Volume (gal) - Historic and Current Reporting Periods 8

Table 1.10. Bypass Occurrence - Historic and Current Reporting Periods.....8

Table 1.11. Wet Overflow to the Interior Occurrence - Historic and Current Reporting Periods.....9

Table 1.12. Dry Overflow to the Interior Occurrence - Historic and Current Reporting Periods.....9

Table 1.13. Wet Overflow to the Exterior Occurrence - Historic and Current Reporting Periods.....9

Table 1.14. Dry Overflow to the Exterior Occurrence - Historic and Current Reporting Periods.....9

Table 2.1. SSDP Project Status 14

Table 2.2. AEAP Project Estimated Costs.....16

Table 2.3. SSDP PCCM Project Status.....18

Table 2.5. Modeled LTCP Volumes.....20

Table 2.4. Adjusted LTCP Model 20

Table 3.1. NMC 1 Performance Measures.....23

Table 3.2. Other NMC 1 Activities Completed 23

Table 3.3. Wet Weather Storage and Diversion to Treatment via RTC 24

Table 3.4. Voluntary Controls During Wet Weather Events 25

Table 3.5. Morris Forman WQTC Permit Compliance Details 28
Table 3.6. Morris Forman WQTC Permit Compliance 29
Table 3.7. Debris Removed from System 30
Table 4.1. Training Program 42
Table 4.2. Safety Incidents and Worker Compensation Claims 46
Table 4.3. Utility Information Management Applications 47
Table 4.4. Continuing Sewer System Assessment Activities 51
Table 4.5. SCAP Wastewater Capacity Request Reviews 51
Table 4.6. Financing and Cost Analysis Program Performance 53
Table 4.7. Mission Critical Equipment and Fleet Performance Measures 54
Table 4.8. Customer Service Call Data 56
Table 4.9. Sanitary PS Structured Maintenance 65
Table 4.10. Force Main Inspections 66
Table 4.11. Regional WQTC Permit Compliance 68
Table 4.12. WQTC Structured Maintenance 68
Table 5.1. Hauling Operations (gal) 81
Table 5.2. Discharge Notifications 82
Table 5.3. Late Discharge Notifications 82
Table 5.4. SORP Training Details 84
Table 6.1. Public Education Workshops & Activities 86
Table 6.2. Project WIN/MS4 Public Behavior Change Assessment Survey Enhancements 88
Table 6.3. Metro TV Broadcasts 89
Table 6.4. Green Infrastructure Workshops & Activities 91
Table 6.5. Clean Stream Workshops & Activities 91
Table 6.6. Outreach Activities for Students 91
Table 7.1. Asset Management Program Costs - Current and Historic Reporting Periods 99

APPENDICES

Appendix A Authorized Discharges - Wet Weather CSOs A-1
Appendix B Annual Average Overflow Volume B-1
Appendix C Unauthorized Discharges - Wet Weather SSOs C-1
Appendix D Unauthorized Discharges - Dry Weather CSOs D-1
Appendix E Unauthorized Discharges - Dry Weather SSOs E-1
Appendix F Bypasses at Water Quality Treatment Centers F-1
Appendix G Overflows to the Interior G-1
Appendix H Overflows to the Exterior H-1
Appendix I IOAP Project Crosswalk I-1
Appendix J Wet Weather Storage and Diversion to Treatment via RTC J-1
Appendix K Morris Forman Plant Flows and Associated CSO Activations K-1
Appendix L Organizational Chart L-1
Appendix M SCAP Balance M-1
Appendix N FY26 Asset Management Program Costs N-1

Introduction

The Louisville and Jefferson County Metropolitan Sewer District (MSD) has entered into a Second Amended Consent Decree (2ACD) with the Kentucky Energy & Environment Cabinet (KEEC) and the United States Environmental Protection Agency (EPA). The Second Amended Consent Decree was signed by United States District Judge and entered in United States District Court, Western Division of Kentucky, Louisville Division on September 15, 2022.

Annual Reporting Period

This sixth Annual Report is submitted in accordance with Paragraph 42 of the 2ACD. This report covers the time period from July 1, 2025, through June 30, 2026. The performance metrics used for 2ACD reporting represent service areas subject to the 2ACD, which include Jefferson County and Crestwood, Kentucky. MSD's full regional service area has grown beyond these service areas. The structure for this report is outlined as follows:

Section 1: Project Waterway Improvements Now (WIN) Performance Overview – This section provides an accounting of the current reporting period and the cumulative reductions in volume and in number of occurrences of Unauthorized Discharges from the Sanitary Sewer System (SSS), Combined Sewer System (CSS), and Water Quality Treatment Centers (WQTCs), and discharges from MSD's Combined Sewer Overflow (CSO) locations identified in MSD's Morris Forman Water Quality Treatment Center (WQTC) Kentucky Pollutant Discharge Elimination System (KPDES) permit. This section also provides an accounting of bypasses at MSD's WQTCs that occurred during the current reporting period.

Section 2: Program Activities for Discharge Abatement Plans – This section provides documentation of projects and activities conducted during the current reporting period to implement requirements of the 2ACD, including the Final Long Term Control Plan (LTCP), Final Sanitary Sewer Discharge Plan (SSDP), and Additional Early Action Projects (AEAPs).

Section 3: Program Activities for Nine Minimum Controls – This section provides documentation of projects and activities conducted during the current reporting period to continue implementation of this program for compliance with the 2ACD.

Section 4: Program Activities for Capacity Management, Operations and Maintenance – This section provides documentation of projects and activities conducted during the current reporting period to continue implementation of this program for compliance with the 2ACD.

Section 5: Program Activities for Sewer Overflow Response Protocol – This section provides documentation of projects and activities conducted during the current reporting period to continue implementation of this program for compliance with the 2ACD.

Section 6: Program Activities for Public Outreach, Education, Notification and Participation – This section provides documentation of projects and activities conducted during the current reporting period to support MSD's Nine Minimum Controls and Capacity Management, Operations and Maintenance Programs.

Section 7: Program Activities for Asset Management (AM) – This section describes the scope, schedule and status for activities that were active during the current reporting period for continued compliance with the 2ACD.

For this report, activities listed as "Recurring Programmatic Activities" are performed on a recurring or as-needed basis for every reporting period, while specific or unique activities are listed within the reporting period where they have or will occur.

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Section 1: Project Waterway Improvements Now (WIN) Performance Overview

1.1. Rainfall

The number and the volume of wet weather overflows is directly related to the amount of rain that has fallen during the reporting period. No new rain gauges have been installed by MSD during the reporting period, one rain gauge was removed during the reporting period due to property changes, and the total network currently has 43 rain gauges, as shown in Figure 1.1. MSD maintained seven gauges within Indiana, seven within adjacent Kentucky counties, and twenty-nine within Jefferson County. Figure 1.2 shows the Jefferson County average daily rainfall amounts by month for the current reporting period, based on the monthly average of all MSD rain gauges, compared with the average daily rainfall of the previous four (4) years.

1.2. Authorized Discharges — Wet Weather CSOs

At the end of the reporting period, MSD maintained 80 CSOs in operation. Discharges at permitted CSO locations that are observed during rain events by telemetry only are recorded with MSD's flow monitoring data.

1.2.1. Current Reporting Period

Table 1.1 includes a summary of wet weather CSO discharges that occurred during the current reporting period. Refer to Appendix A for a detailed listing of discharges that occurred during the current reporting period.

Table 1.1. Wet Weather CSO Discharge Summary - Current Reporting Period

DUE TO	DISCHARGES	VOLUME (MG)
LACK OF SYSTEM CAPACITY	771	1,541.16

1.2.2. Cumulative Discharge Reductions

MSD is required to achieve 85 percent or greater capture throughout the combined sewer system (CSS). When fully implemented and operational, MSD's suite of wet weather CSO control projects are modeled to achieve up to 95 percent capture of the wet weather combined sewage generated in the service area during the Typical Year, which greatly exceeds the EPA's Presumption Approach requirement of 85 percent. Compliance with the 85 percent capture was achieved with completion of the Waterway Protection Tunnel in 2022. MSD expects to achieve up to 95 percent modeled performance by December 31, 2026, upon completion of the Morris Forman WQTC Sedimentation Basin Rehabilitation Project per the State Agreed Order Number 150220 Corrective Action Plan. Construction of the Morris Forman WQTC Biosolids Facility project is currently underway, which requires rehabilitation and modernization of the existing digesters. There may be periods of time when a digester is removed from service, temporarily reducing capacity and not allowing for the full capture of 95 percent of wet weather volume. The final phase of the Middle Fork Relief Interceptor, Wet Weather Storage, & Diversion SSDP Project, also known as the Beargrass Area Tunnel, is also expected to provide additional separate and combined system overflow benefits through construction of a conveyance tunnel that will allow for diversion of high flow rates.

Figure 1.3 shows the modeled reduction in volume of CSOs and Figure 1.4 shows the modeled reduction in occurrence of CSOs for the Typical Year. Values are based on model simulations of the 2001 Typical Year with the "baseline" projects implemented (Sanitary Sewer Discharge Plan and other existing Combined Sewer System facility improvements) and the most recently compiled Long Term Control Plan project model. Changes over time are approximated. Modeling results assume the Morris Forman WQTC is operating at full capacity. This data is provided for information only. The modeling results do not reflect a specific commitment to a set number of activations, cumulative volume or total minutes of overflow at each CSO, nor do they represent a cumulative commitment to residual Annual Average Overflow Volume (AAOV). There are no target commitments for number of activations at each individual CSO. The target commitment for the system is based on an 85% capture, resulting in a total residual AAOV of 2,955 MG per Typical Year. The AAOV, derived from the InfoWorks CSO hydraulic model, includes the modeled AAOV for the permitted CSOs as currently constructed, and is included in this report as Appendix B.

Figure 1.1. MSD Rain Gauge Network

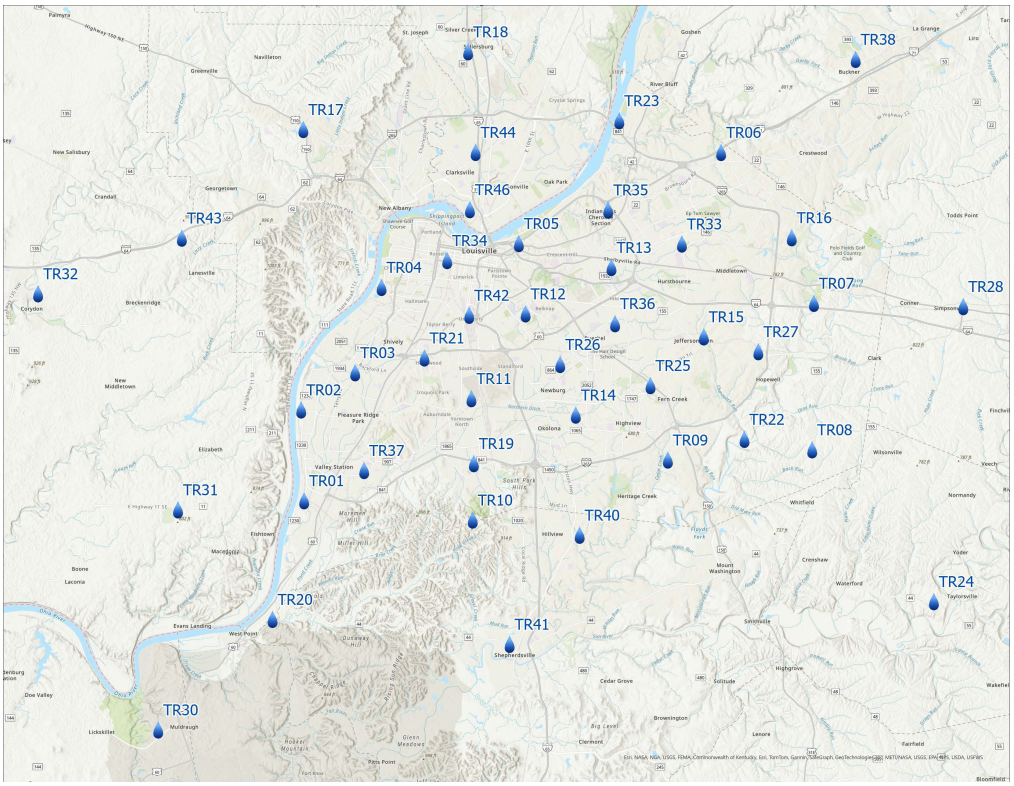


Figure 1.2. Daily Average Rainfall by Month

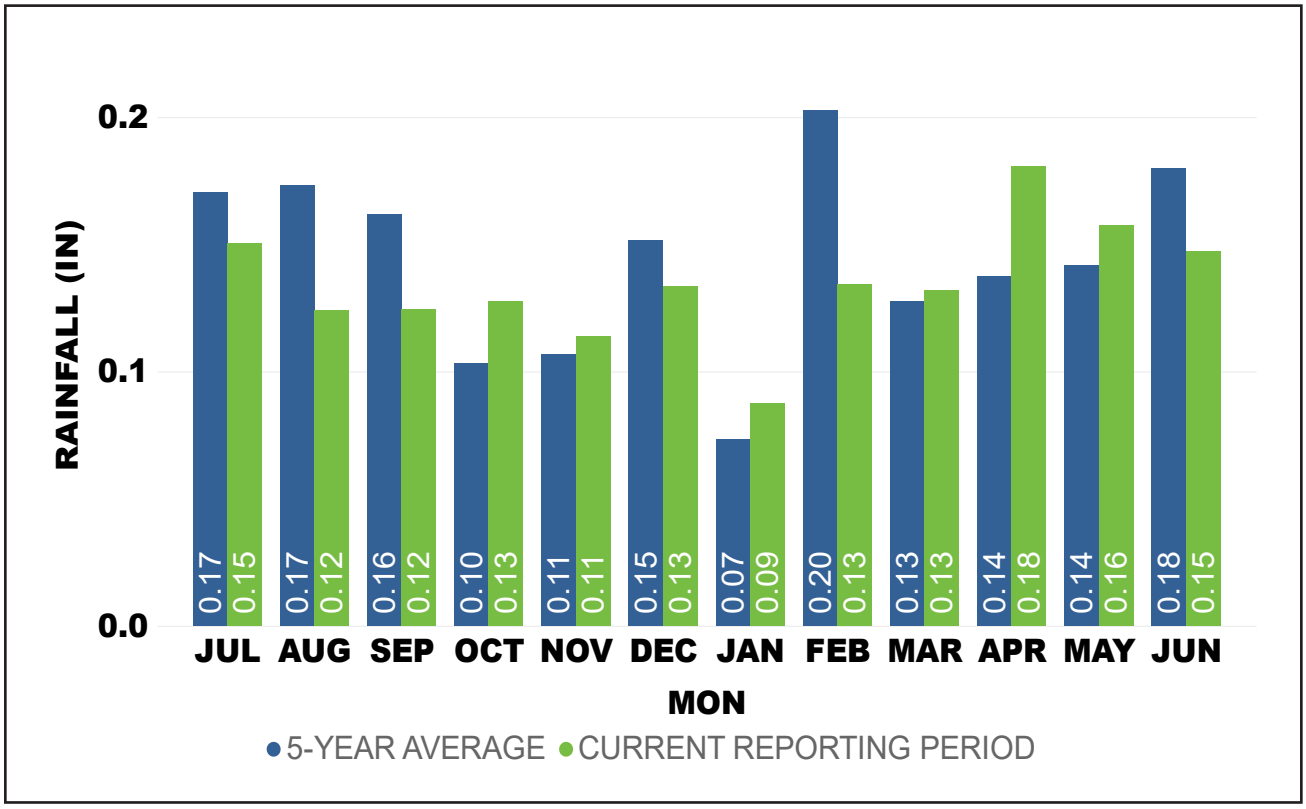


Figure 1.3. Wet Weather CSO Cumulative Reduction Modeled Projection - Volume

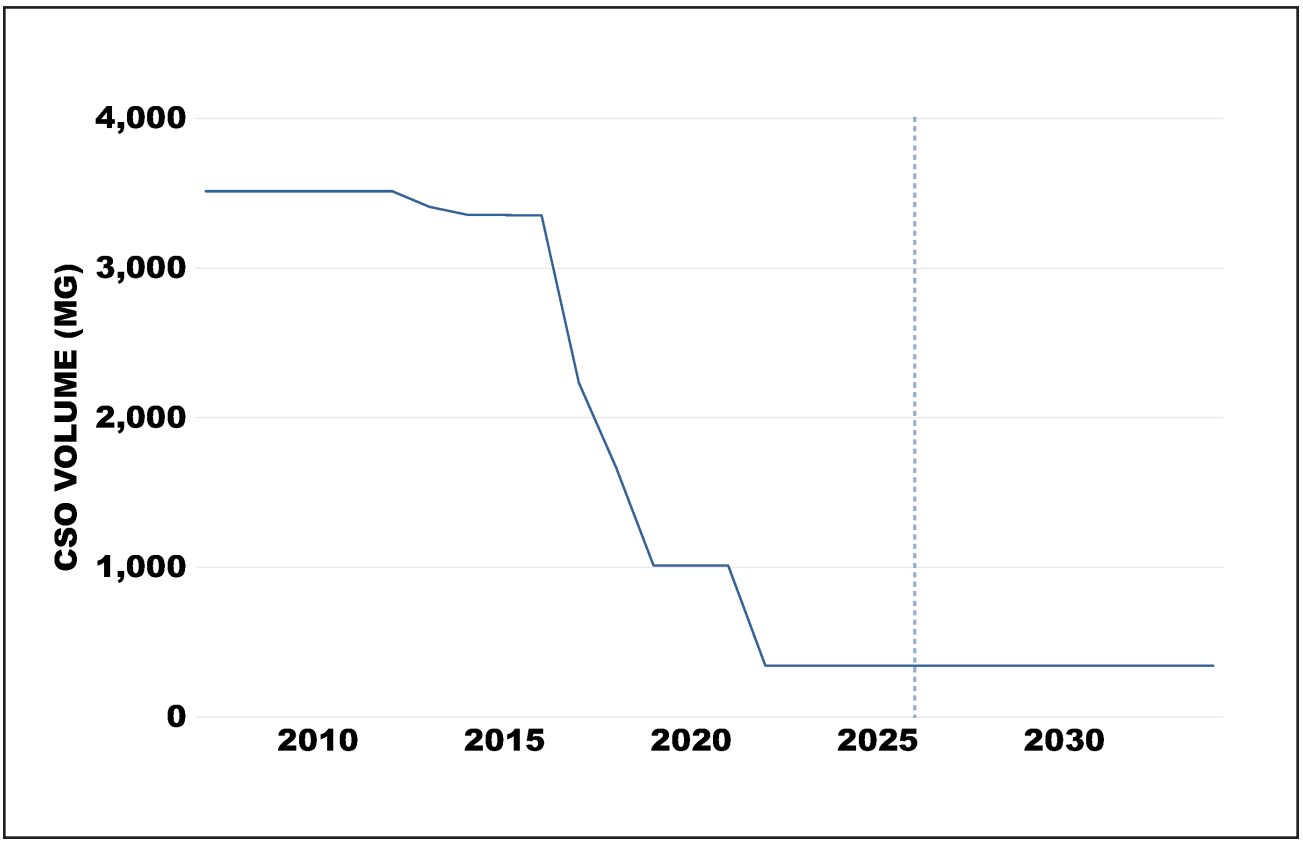
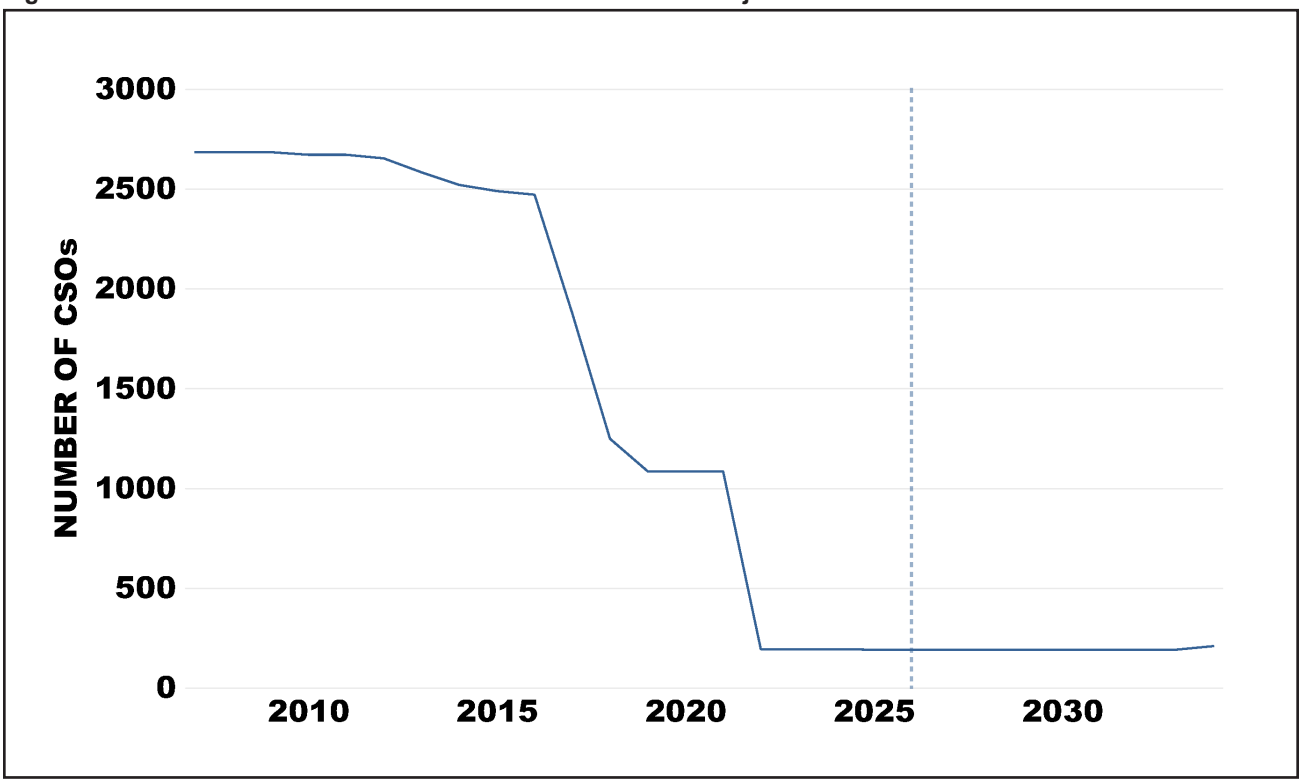


Figure 1.4. Wet Weather CSO Cumulative Reduction Modeled Projection - Occurrences



1.3. Unauthorized Discharges — Wet Weather SSOs

1.3.1. Current Reporting Period

Table 1.3 includes volumes and Table 1.4 includes occurrences of wet weather SSO discharges by cause and fiscal year for the current reporting period along with four (4) years prior. Discharge cause categorization can be found in Section 5.1. Refer to Appendix C for a detailed listing of discharges that occurred during the current reporting period. When reviewing against rainfall data, capacity-related SSOs for the current reporting period are in line with expected results.

Two (2) wet weather SSOs occurred during the reporting period with volumes greater than 50,000 gallons and with causes other than a lack of system capacity.

A tree growing directly next to a manhole in Seneca Park, along Middle Fork Beargrass Creek, created a dense root ball blockage and significant root growth within the sewer that displaced the manhole. On March 7, 2026, two manholes impacted by this blockage discharged directly to the stream during a wet weather event. The roots have been removed and the manhole has been restored. Requirements related to tree planting setback distances from sewer infrastructure are planned to be incorporated in the MSD Design Manual.

1.3.2. Cumulative Discharge Reductions

In 2007, MSD had an estimated 218 modeled SSO occurrences for the 10-year storm event. MSD is required to eliminate all 197 modeled SSOs for the 2-year storm event and mitigate the remaining SSOs. Modeled SSO occurrences are required to be reduced to a level of control (LOC) for the 5-year and 10-year storm events. The modeled reduction is based on projections using current proposed solutions (as of June 30, 2026). Actual projections are subject to change as future projects are designed in detail and constructed. Table 1.2 shows the modeled baseline and reduction in number and volume of SSOs at LOC. Figure 1.5 shows the modeled reduction in occurrences of SSOs for the 2-, 5-, and 10-year storm events and Figure 1.6 shows the modeled reduction in volume.

Table 1.2. Wet Weather SSO Cumulative Reduction Modeled Projection at LOC - Summary

CALENDAR YEAR END	2-YEAR MODELED OCCURRENCES	2-YEAR MODELED VOLUME (MG)	5-YEAR MODELED OCCURRENCES	5-YEAR MODELED VOLUME (MG)	10-YEAR MODELED OCCURRENCES	10-YEAR MODELED VOLUME (MG)
2007	197	20.82	211	47.69	218	75.39
2026	47	3.19	165	12.72	191	33.77
2034	0	0	137	4.65	178	21.03

Figure 1.5. Wet Weather SSO Cumulative Reduction Modeled Projection at LOC - Occurrences

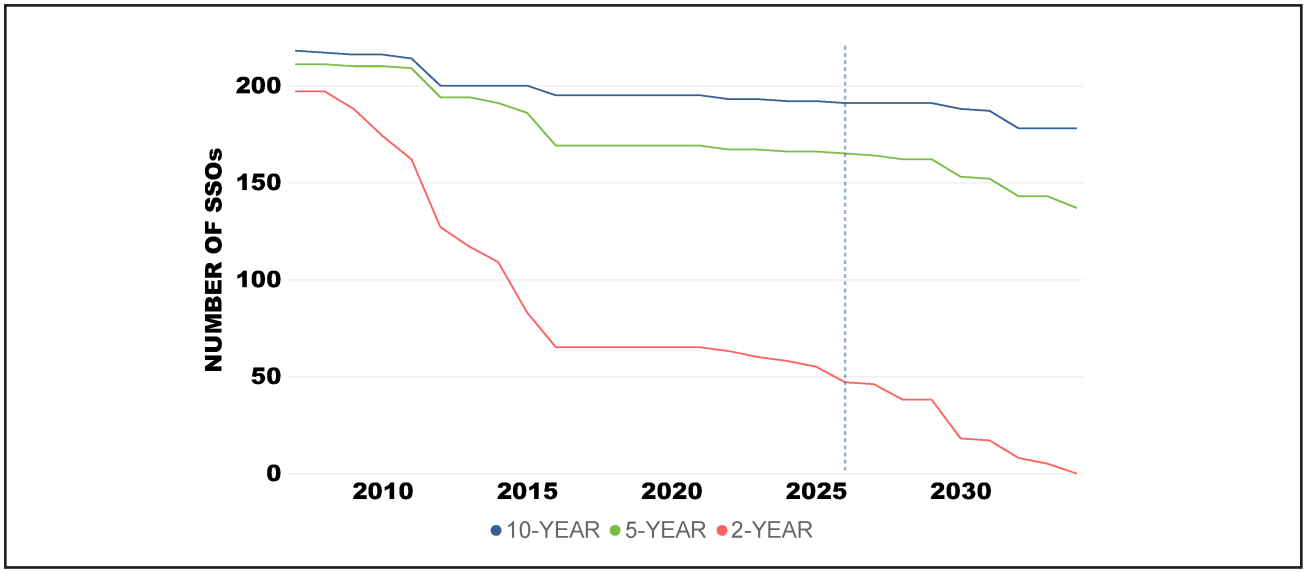
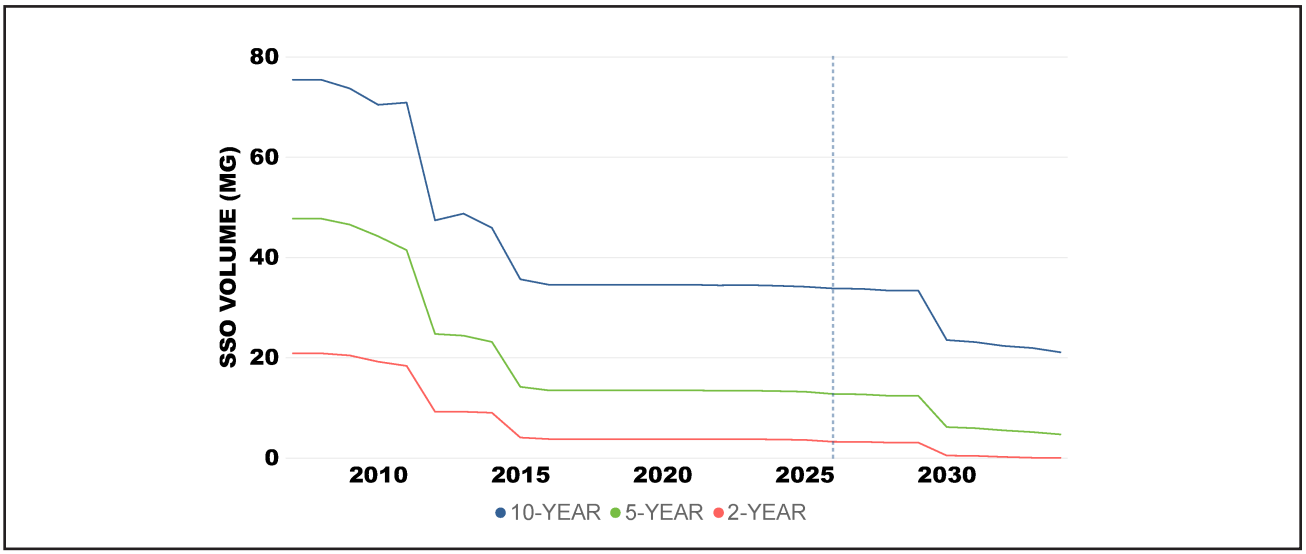


Figure 1.6. Wet Weather SSO Cumulative Reduction Modeled Projection at LOC - Volume



1.4. Unauthorized Discharges — Dry Weather CSOs

One (1) dry weather CSO occurred during the reporting period. On September 10, 2025, an MSD contractor working on an MSD sanitary line reported the contractor's plug had failed, causing a discharge into the Central Relief Drain and subsequently the Ohio River.

Table 1.5 includes volumes and Table 1.6 includes occurrences of dry weather CSO discharges by cause and fiscal year for the current reporting period along with four (4) years prior. Discharge cause categorization can be found in Section 5.1. Refer to Appendix D for a detailed listing of discharges that occurred during the current reporting period.

1.5. Unauthorized Discharges — Dry Weather SSOs

This reporting period, one (1) dry weather SSO occurred with a volume greater than 50,000 gallons. On September 12, 2025, the 16-inch Eastwood-Fisherville Force Main broke and discharged at 500 gallons per minute for 3 hours before being repaired.

Table 1.7 includes volumes and Table 1.8 includes occurrences of dry weather SSO discharges by cause and fiscal year for the current reporting period along with four (4) years prior. Discharge cause categorization can be found in Section 5.1. Refer to Appendix E for a detailed listing of discharges that occurred during the current reporting period.

1.6. Bypasses at Water Quality Treatment Centers

Project WIN Quarterly Report 18 included a memorandum, provided as Appendix K in that report, which described the analysis of 44 bypass events that occurred between July 1, 2008, and December 31, 2009. This analysis delineated bypasses into four categories, which were Capacity, External Power Failures, Equipment Failure (Mechanical, Electrical, or Structural), and Human Error. An assessment of bypasses is performed to determine the root cause of each bypass, the failure category, corrective actions to be taken, possible programmatic solutions, and a corrective action completion date.

Table 1.9 includes volumes and Table 1.10 includes occurrences of bypasses by cause and fiscal year for the current reporting period along with four (4) years prior. Refer to Appendix F for a detailed listing of bypasses that occurred at Water Quality Treatment Centers during the current reporting period.

This reporting period, there were six (6) bypasses with volumes greater than 50,000 gallons.

On July 28, 2025, there was a malfunction with the flow meter at the Main Diversion Structure. This caused flow in excess of Morris Forman WQTC capacity to enter headworks during a wet weather event. Flow that was not taken through headworks was bypassed around primary treatment and entered the storm drains at the plant. Flow into the plant was adjusted until the meter was operational again.

On September 25, 2025, the influent pump station at Cedar Creek WQTC lost all remote controls. Shorted wires were found in conduits and manholes, likely due to moisture and water infiltration during the wet weather event. The pumps were placed in hand mode to pump the wet well down and stop the overflow until remote controls could be restored.

On October 7, 2025, wet weather caused high levels of flow to enter Cedar Creek WQTC. At the time, UV channels 3&4 were out of service for replacement, limiting capacity to 18MGD. All tanks and reservoirs at the plant were maxed out before it was necessary to open UV channels 3 & 4 to allow flow to exit the plant, causing some effluent to reach the stream without proper disinfection. Construction of the replacement channels was completed at the end of October, restoring capacity to the plant.

On December 14, 2025, the UV breaker at Floyds Fork WQTC experienced an outage. Tablets were used to disinfect and dechlorinate effluent until an electrician could repair the issue. It was found that the electrical panel had iced, tripping the main and branch circuit breakers. The main breaker has been replaced.

On February 2, 2026, the building heaters at Morris Forman WQTC experienced mechanical failure. The bi-sulfite supply line began to freeze due to extremely cold outdoor temperatures of 4 degrees Fahrenheit. The heaters in the building have been replaced.

On February 15, 2026, a blockage on the withdrawal line of Digester 4 at Morris Forman WQTC caused a by-pass. The digester recirculation line was unplugged and the blockage was removed.

1.7. Overflows

Overflow cause categorization can be found in Section 5.1.

1.7.1. Wet Interior Overflows

Table 1.11 includes occurrences of wet interior overflows by cause and fiscal year for the current reporting period along with four (4) years prior. Refer to Appendix G for a detailed listing of overflows that occurred during the current reporting period.

1.7.2. Dry Interior Overflows

Table 1.12 includes occurrences of dry interior overflows by cause and fiscal year for the current reporting period along with four (4) years prior. Refer to Appendix G for a detailed listing of overflows that occurred during the current reporting period.

1.7.3. Wet Exterior Overflows

Table 1.13 includes occurrences of wet exterior overflows by cause and fiscal year for the current reporting period along with four (4) years prior. Refer to Appendix H for a detailed listing of overflows that occurred during the current reporting period.

1.7.4. Dry Exterior Overflows

Table 1.14 includes occurrences of dry exterior overflows by cause and fiscal year for the current reporting period along with four (4) years prior. Refer to Appendix H for a detailed listing of overflows that occurred during the current reporting period.

Table 1.3. Wet Weather SSO Discharge Volume (gal) - Historic and Current Reporting Periods

DUE TO									
	ELECTRICAL PROBLEMS AT MSD	LACK OF SYSTEM CAPACITY	MECHANICAL FAILURE	OBSTRUCTION-NOT GREASE / ROOTS	POWER OUTAGE (LG&E)	PUMPED OVERFLOW	ROOTS	STRUCTURAL FAILURE	SYSTEM UNDERWATER
FY22	0	77,070,138	33,750	300,375	8,950	0	24,612	0	0
FY23	300	50,301,805	261,750	0	254,950	0	1,100	1,000	0
FY24	2,250	16,509,868	0	3,000	200	0	35,001	0	0
FY25	601,020	169,301,735	4,668,600	3,010	40,660	1,067,400	0	0	40,026
FY26	11,300	42,885,649	0	0	11,000	0	759,510	100	0

Table 1.4. Wet Weather SSO Discharge Occurrence - Historic and Current Reporting Periods

DUE TO									
	ELECTRICAL PROBLEMS AT MSD	LACK OF SYSTEM CAPACITY	MECHANICAL FAILURE	OBSTRUCTION-NOT GREASE / ROOTS	POWER OUTAGE (LG&E)	PUMPED OVERFLOW	ROOTS	STRUCTURAL FAILURE	SYSTEM UNDERWATER
FY22	0	235	1	5	2	0	5	0	0
FY23	1	191	6	0	6	0	2	1	0
FY24	1	108	0	1	1	0	2	0	0
FY25	2	347	8	2	3	2	0	0	5
FY26	3	204	0	0	1	0	3	1	0

Table 1.5. Dry Weather CSO Discharge Volume (gal) - Historic and Current Reporting Periods

DUE TO			
	MECHANICAL FAILURE	OBSTRUCTION-NOT GREASE / ROOTS	UTILITY DAMAGED MSD ASSET
FY22	0	0	384,658
FY23	0	0	0
FY24	10,000	1,200	0
FY25	0	0	158,200
FY26	105,830	0	0

Table 1.6. Dry Weather CSO Discharge Occurrence - Historic and Current Reporting Periods

DUE TO			
	MECHANICAL FAILURE	OBSTRUCTION-NOT GREASE / ROOTS	UTILITY DAMAGED MSD ASSET
FY22	0	0	2
FY23	0	0	0
FY24	1	1	0
FY25	0	0	2
FY26	1	0	0

msd Safe, clean waterways

Table 1.7. Dry Weather SSO Discharge Volume (gal) - Historic and Current Reporting Periods

DUE TO								
	ELECTRICAL PROBLEMS AT MSD	GREASE BLOCKAGE	MECHANICAL FAILURE	OBSTRUCTION-NOT GREASE / ROOTS	POWER OUTAGE (LG&E)	ROOTS	STRUCTURAL FAILURE	UTILITY DAMAGED MSD ASSET
FY22	0	3,051	1,625	37,100	0	1,000	154,207	0
FY23	0	1,875	12,000	86	0	2,320	1,800	330
FY24	500	625	7,500	2,610	0	1	98,725	1
FY25	0	0	5,000	3,010	2,250	1,511	1	500
FY26	0	8,625	94,314	10,511	0	90	3,005	9,000

Table 1.8. Dry Weather SSO Discharge Occurrence - Historic and Current Reporting Periods

DUE TO								
	ELECTRICAL PROBLEMS AT MSD	GREASE BLOCKAGE	MECHANICAL FAILURE	OBSTRUCTION-NOT GREASE / ROOTS	POWER OUTAGE (LG&E)	ROOTS	STRUCTURAL FAILURE	UTILITY DAMAGED MSD ASSET
FY22	0	3	1	3	0	1	4	0
FY23	0	3	1	5	0	2	2	2
FY24	1	1	4	5	0	1	6	1
FY25	0	0	2	3	1	5	1	1
FY26	0	1	2	5	0	2	3	1

Table 1.9. Bypass Volume (gal) - Historic and Current Reporting Periods

DUE TO						
	OVERFLOW - CAPACITY	OVERFLOW - EQ FAIL ELECTRICAL	OVERFLOW - EQ FAIL MECHANICAL	OVERFLOW - EQ FAIL STRUCTURAL	OVERFLOW - HUMAN ERROR	OVERFLOW - POWER FAILURE LG&E
FY22	500,000	0	326	12,743,000	896,500	0
FY23	0	0	150	45,000,000	903,000	0
FY24	0	0	28,500	19,500	0	110,330,000
FY25	0	23,750	22,800	25,000,000	0	0
FY26	0	50,000	25,030,000	0	3,350	0

Table 1.10. Bypass Occurrence - Historic and Current Reporting Periods

DUE TO						
	OVERFLOW - CAPACITY	OVERFLOW - EQ FAIL ELECTRICAL	OVERFLOW - EQ FAIL MECHANICAL	OVERFLOW - EQ FAIL STRUCTURAL	OVERFLOW - HUMAN ERROR	OVERFLOW - POWER FAILURE LG&E
FY22	1	0	1	2	3	0
FY23	0	0	1	1	2	0
FY24	0	0	3	1	0	3
FY25	0	1	5	1	0	0
FY26	0	1	8	0	2	0

Table 1.11. Wet Overflow to the Interior Occurrence - Historic and Current Reporting Periods

DUE TO					
	GREASE BLOCKAGE	LACK OF SYSTEM CAPACITY	OBSTRUCTION-NOT GREASE / ROOTS	ROOTS	STRUCTURAL FAILURE
FY22	2	6	3	5	1
FY23	1	25	4	7	0
FY24	0	2	5	2	0
FY25	0	53	2	0	0
FY26	0	37	10	0	0

Table 1.12. Dry Overflow to the Interior Occurrence - Historic and Current Reporting Periods

DUE TO				
	GREASE BLOCKAGE	OBSTRUCTION-NOT GREASE / ROOTS	ROOTS	STRUCTURAL FAILURE
FY22	4	5	12	0
FY23	4	7	18	0
FY24	1	9	3	0
FY25	3	11	3	0
FY26	2	33	12	1

Table 1.13. Wet Overflow to the Exterior Occurrence - Historic and Current Reporting Periods

DUE TO							
	ELECTRICAL PROBLEMS AT MSD	GREASE BLOCKAGE	LACK OF SYSTEM CAPACITY	MECHANICAL FAILURE	OBSTRUCTION-NOT GREASE / ROOTS	ROOTS	STRUCTURAL FAILURE
FY22	0	0	1	0	0	1	1
FY23	0	0	7	2	0	0	0
FY24	0	0	4	0	0	0	0
FY25	0	1	32	2	3	2	0
FY26	1	3	4	1	5	4	0

Table 1.14. Dry Overflow to the Exterior Occurrence - Historic and Current Reporting Periods

DUE TO							
	ELECTRICAL PROBLEMS AT MSD	GREASE BLOCKAGE	MECHANICAL FAILURE	OBSTRUCTION-NOT GREASE / ROOTS	ROOTS	STRUCTURAL FAILURE	UTILITY DAMAGED MSD ASSET
FY22	2	5	12	15	6	1	0
FY23	0	5	7	3	7	4	3
FY24	1	5	4	14	5	7	1
FY25	1	10	6	26	10	1	2
FY26	0	8	4	35	12	1	0

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Section 2: Program Activities for Discharge Abatement Plans

2.1. Integrated Overflow Abatement Plan (IOAP)

As a requirement of the original Consent Decree (CD) and the Amended Consent Decree (ACD), MSD prepared and submitted, for EPA/KEEC review and joint approval, Sanitary Sewer Discharge Plans (SSDP) designed to eliminate Unauthorized Discharges. MSD also prepared and submitted Long Term Control Plans (LTCP), for EPA/KEEC review and joint approval, pursuant to the CSO Control Policy. These plans were submitted under the title of the Integrated Overflow Abatement Plan (IOAP).

MSD developed these Discharge Abatement Plans (DAPs) for the elimination of Unauthorized Discharges, the reduction and control of discharges from CSO locations identified in the Morris Forman WQTC Kentucky Pollutant Discharge Elimination System (KPDES) permit, and the improvement of water quality in the receiving waters. MSD prepared conventional and innovative or alternative designs as part of each plan, including but not limited to: sewer rehabilitation, sewer replacement, sewer separation, relief sewers, above ground or below ground storage, high rate Secondary Treatment, illicit connection removal, remote wet weather Secondary Treatment facilities, and other appropriate alternatives. Designs were based on sound engineering judgment and in accordance with generally accepted engineering design criteria and may include interim remedial measures to reduce pollutant loading and improve water quality in the short term while alternatives for final remedial measures are being developed, evaluated and implemented.

In 2021, MSD, KEEC and EPA completed negotiation of the Second Amended Consent Decree (2ACD) to amend, reprioritize and expand upon some of the provisions set forth in the ACD. MSD had completed many of the requirements of the ACD, including construction of 47 of the 63 SSDP projects and construction of 24 of the 25 LTCP projects required under the ACD. The completed projects resulted in preliminary finding of bacterial reductions in the Ohio River and Beargrass Creek watersheds based on water quality monitoring and system hydraulic modeling. However, MSD had spent approximately $1B on CD and ACD implementation, and was experiencing changed circumstances for other assets. KEEC and EPA agreed that additional system work was required as well as a reprioritization of the work required under the ACD. The 2ACD requires Additional Early Action Plan (AEAP) projects to remediate the Paddy's Run Flood Pump Station (FPS) , Morris Forman WQTC, and nine critical interceptors. Because these specific projects were in addition to the projects required under the SSDP and LTCP, the 2ACD also modified schedules for the completion of the few remaining projects under the approved SSDP and LTCP plans, as discussed in the following subsections. The 2ACD also requires the inclusion of an Asset Management Plan, which is discussed in Section 7.

2.1.1. IOAP Programmatic Conditions

MSD manages wet weather performance through a dynamic system influenced by the spatial distribution of rainfall and real-time system capacity for collection and treatment during any given rain event. Capacity to store and treat wastewater are each vital to meeting programmatic objectives of the LTCP. Conditions impacting MSD's wet weather performance for the current reporting period are described below and will be removed from future reports as limiting factors are resolved. Greater detail regarding related activities can be found elsewhere in Section 2 and in Section 3.

The Morris Forman WQTC Flow capacity calculator determines the available capacity at the Morris Forman WQTC in real-time based on available equipment and other conditions at the plant. MSD operations staff strive to minimize CSOs by maximizing flow through the Morris Forman WQTC, considering flow that can be processed through Bells Lane High-Rate Treatment, diverted to the Derek R Guthrie WQTC via Northern Ditch Diversion Structure, and detained at in-system Real Time Control (RTC) storage facilities (Waterway Protection Tunnel, offline storage basins, and inline system storage), as discussed in Section 3.2. Equipment outages, construction projects, and unique operating conditions contribute layered effects that operations staff must evaluate and adapt to both in real-time and after each event in an effort to continuously improve.

Capital Project construction at Morris Forman WQTC and within the collection system can inherently impact performance. The Sedimentation Basin Rehabilitation Project at Morris Forman WQTC was completed during this reporting period. However, significant portions of the reporting period were impacted while the Sedimentation Basin was under construction. Additionally, construction of a redundant gate structure for Morris Forman WQTC's Final Effluent Pump Station (FEPS) reduces capacity at Morris Forman WQTC in situations when FEPS is in service (during high Ohio River Stages). MSD is making adjustments to the construction schedule to minimize impact on Morris Forman WQTC capacity during wet weather. There was no impact on capacity from the FEPS project during the current reporting period.

The Biosolids Facility project at Morris Forman WQTC is also impacting capacity, as digesters are removed from service for repair or replacement and subsequently brought back online. Digester repair and replacement will impact Morris Forman WQTC capacity until substantial completion of the Biosolids Facility project. Although ongoing and future capital projects may impact capacity to a lesser degree, completion of the Sedimentation Basin Rehabilitation Project is expected to improve Morris Forman WQTC's ability to consistently process flow at its firm capacity in order to meet the required minimum system capture of 85% by volume.

Bells Lane Wet Weather Treatment Facility (WWTF) was put online in October 2017 to treat wet weather flow from Southwest Pump Station (SWPS) allowing Morris Forman WQTC to maximize flow from the Main Diversion Structure, reducing the number of CSO discharges. The High-Rate Treatment Basins (HRTBs) and the equalizing (EQ) Basin at Bells Lane WWTF could handle up to 160 million gallons per day (MGD) flow rate until the EQ Basin was filled (25MG), then treat a sustained rate of 50 MGD through the HRTBs during the remainder of the wet weather event. After each wet weather event, the EQ basin would be drained and then cleaned. Odors from the EQ basin became a substantial issue for the community during the warmer months, resulting in numerous complaints. Additionally, the construction project limiting flow capacity at Morris Forman WQTC increased the use of the HRTBs and the EQ basins. The decision was made to not utilize the EQ Basin while MSD worked on development of odor control strategies for the Bells Lane WWTF, while continuing to use the HRTBs. The last wet weather event that utilized the EQ Basin was in August 2023. After that event, the Basin was cleaned and locked out of service. A capital project is currently being developed that will improve odor control at the facility. Once this is completed, MSD will evaluate the use of the EQ basin.

To minimize overflows during wet weather events when Bells Lane WWTF goes into service, Northern Ditch Pump Station (NDPS) flow is typically diverted to the Derek R Guthrie WQTC as part of RTC strategy. When the event is over, NDPS flow is then diverted back to SWPS and Morris Forman WQTC. As noted previously, Morris Forman WQTC capacity has been reduced while the Primary Sedimentation Rehabilitation Project is under construction. To help maximize treatment of flow during the Sedimentation Basin project, it was decided in July of 2024 to temporarily divert flow from NDPS to Derek R Guthrie WQTC full time until all basins are back online. NDPS will revert to normal RTC operations schedule.

As LTCP projects were implemented, wrapping up with the Waterway Protection Tunnel in 2022, facility commissioning has included RTC programming to maximize storage and dewater storage facilities as downstream system capacity allows. The reduced plant capacity has limited MSD's ability to operate in global automated mode for Real Time Control during this reporting period. During the next reporting period, with the Sedimentation Basins back online, MSD will review opportunities for refining and optimizing its dewatering strategy.

Grit, solids, and floatables present a complex suite of operational challenges that will be important to navigate in order to meet LTCP objectives. Grit build-up in storage facilities reduces MSD's ability to operate the RTC system during rain events in the most efficient manner. Physical and operational improvements, such as shorter-duration but more frequent planned outages during anticipated dry weather periods, have decreased the severity of build-up and aided in preventing further issues. These lessons-learned have been integrated into facility asset management planning.

Additionally, screens can limit flow to storage facilities or to Morris Forman WQTC for treatment during rain events when screens are blinded, unintentionally exacerbating CSOs or causing artificial over reporting due to high monitoring depths. While MSD maintains weekly CSO inspections and cleans screens as needed, during a recently installed CSO camera pilot, blinding due to solids and floatables was observed very early in each rain event, raising concerns about constraining flow to capture and treat. In some cases, this issue has caused flooding and acute safety issues which must be addressed. Temporary cameras have been installed, and some additional cameras will be installed, at some CSOs to better understand blinding during rain events and to determine the variability of solids buildup throughout the system. Furthermore, MSD previously initiated a solids and floatables (S&F) efficacy review project to evaluate the performance and impact of S&F devices at CSOs and to begin to evaluate alternatives for improved performance. This study has been expanded to also determine the potential impact of screening structures at influent structures as the issues are closely related. Ultimately, the study will characterize the extent of the issue(s), prioritize areas based on objective concerns at each site, and assess recommended alternatives. To successfully navigate complex conditions for these new LTCP assets, site-specific factors as well as interdependencies between CSOs must be considered when shaping best practices, operational strategies, and/or potential additional capital project needs.

2.2. Sanitary Sewer Discharge Plan (SSDP)

The Sanitary Sewer Discharge Plan (SSDP) addresses the overflows and unauthorized discharges from the Separate Sewer System (SSS). Multiple plans have been submitted under this program: the Updated Sanitary Sewer Overflow Plan (SSOP), submitted February 10, 2006; the Interim Sanitary Sewer Discharge Plan (ISSDP), approved July 24, 2008; the Final SSDP, approved February 12, 2010; a revised SSDP, approved June 19, 2014; and the most recent revision of the SSDP, approved May 19, 2021. The approved documents can be viewed on the MSD 2ACD website, available at **msdprojectwin.org**. Discharge locations associated with SSDP Projects can be found in Appendix I.

The ACD required SSDP projects to be completed by December 31, 2024. Per Paragraph 38.a.(3) of the 2ACD, schedules for any SSDP project cannot extend beyond December 31, 2035. MSD has completed construction of 52 of the 62 SSDP projects required under the 2ACD, as shown in Table 2.1. A Gantt chart including progress of SSDP projects during the reporting period, along with anticipated progress for the upcoming reporting period, can be found in Figure 2.1.

The Leven PS Elimination project was certified as complete on October 6, 2025.

Elimination of the Camp Taylor System Improvements, Phase 4: Offline Storage project was approved this reporting period. The project will be removed from SSDP project counts in this and future reports.

Table 2.1. SSDP Project Status

PROJECT NAME	REQUIRED COMPLETION DATE	ACTUAL COMPLETION DATE
Avanti PS Elimination	7/28/2009	7/28/2009
Sinking Fork Relief Sewer	12/23/2009	12/23/2009
Ashburton PS Improvements and Diversion	12/31/2021	1/22/2010
Woodland Hills PS Diversion	6/30/2011	4/1/2010
Running Fox PS Elimination	12/31/2010	4/5/2010
Beechwood Village Sanitary Sewer Replacement	4/27/2011	9/29/2010
Beargrass Interceptor Rehabilitation Phase 2	12/31/2010	12/14/2010
Floydsburg Rd SSES, Rehabilitation and PS Upgrade	12/31/2010	12/17/2010
Northern Ditch Diversion Interceptor	7/31/2011	2/16/2011
Government Center PS Elimination	12/31/2024	4/1/2011
Parkview Estates I/I Investigation & Rehabilitation	6/30/2011	6/28/2011
Hazelwood PS I/I Investigation & Rehabilitation	6/30/2011	6/30/2011
Sonne PS I/I Investigation	6/30/2011	6/30/2011
Camp Taylor System Improvements, Phase 1: SSES	12/31/2011	7/8/2011
Edsel PS I/I Investigation & Rehabilitation	9/30/2011	9/27/2011
Anchor Estates PS Elimination Phase 2: Vannah Way PS Elim.	12/31/2013	10/15/2011
Hurstbourne I/I Investigation & Rehabilitation	12/31/2011	12/27/2011
Lantana PS I/I Investigation & Rehabilitation	12/31/2011	12/29/2011
Derington Ct PS I/I Investigation & Rehabilitation	3/31/2012	3/30/2012
East Rockford PS Relocation	12/31/2021	3/30/2012
Shively Interceptor	12/31/2014	4/13/2012
Southeastern Diversion Structure & Interceptor	5/12/2012	4/19/2012
Fairmount Rd PS Improvements	12/31/2023	4/24/2012
Hikes Lane Interceptor and Highgate Springs	11/27/2012	11/2/2012
Derek R Guthrie WQTC Upgrades	11/27/2012	11/15/2012
Lake Forest PS SSO Investigation	12/31/2012	12/18/2012
Meadow Stream PS & Force Main Upgrade	12/31/2012	12/18/2012
Mellwood System Improvements, PS Eliminations, Phase 1: Mellwood PS	12/31/2012	12/27/2012
Eden Care PS SSO Investigation	12/31/2012	12/31/2012
Leland Road SSO Investigation	12/31/2012	12/31/2012
Camp Taylor System Improvements, Phase 2: Replace & Rehabilitate Sewers	12/31/2013	12/20/2013
Middle Fork Relief Interceptor, Wet Weather Storage, Upper Middle Fork LS Diversion Phase 1: Buechel Basin	12/31/2013	12/27/2013
Klondike Interceptor	12/31/2015	7/17/2014
St Rene Rd PS Inline Storage	12/31/2021	9/19/2014

Table 2.1 SSDP Project Status

PROJECT NAME	REQUIRED COMPLETION DATE	ACTUAL COMPLETION DATE
Chenoweth Hills WQTC Elimination and PS Improvements	12/31/2015	9/22/2014
Riding Ridge PS Improvements	12/31/2014	11/15/2014
Fairway View PS Improvements	12/31/2014	12/30/2014
Charleswood Interceptor Extension	12/31/2022	8/5/2015
Prospect WQTC Elimination, Harrods Creek PS, ORFM System Improvements Phase 2: HCPS & Force Main	12/31/2015	11/13/2015
Lea Ann Way System Improvements	12/31/2015	12/4/2015
Prospect WQTC Elimination, Harrods Creek PS, ORFM System Improvements Phase 1: WQTC Eliminations	12/31/2015	12/15/2015
Jeffersontown WQTC Elimination	12/31/2015	12/23/2015
Fairmount Rd PS Off-Line Storage	3/31/2016	3/30/2016
Goose Creek PS Improvements and Wet Weather Storage Phase 1: Devondale PS	12/31/2024	4/15/2016
Caven Ave PS Elimination	12/31/2016	9/26/2016
Anchor Estates PS Elimination Phase 1: Anchor PS Elimination	12/31/2016	9/30/2016
Prospect WQTC Elimination, Harrods Creek PS, ORFM System Improvements Phase 3: ORFM System Improvements	12/31/2016	12/19/2016
Camp Taylor System Improvements, Phase 3: Replace & Rehabilitate Sewers	12/31/2017	12/15/2017
Raintree and Marian Court PS Eliminations Phase 1	12/31/2025	10/15/2021
Idlewood Inline Storage	12/31/2025	7/18/2023
Monticello PS Elimination	12/31/2025	9/7/2023
Leven PS Elimination	12/31/2025	10/6/2025
Gunpowder PS Elimination	12/31/2027	
Kavanaugh Rd PS Elimination	12/31/2027	
Cinderella PS Elimination	12/31/2030	
Bardstown Rd PS Improvements	12/31/2030	
Dell Rd & Charlane Pkwy Interceptor	12/31/2030	
Mellwood System Improvements, PS Eliminations, Phase 2: Mockingbird Valley & Winton PS	12/31/2030	
Middle Fork Relief Interceptor, Wet Weather Storage, Upper Middle Fork LS Diversion Phase 2: UMFLS & Relief Interceptor	12/31/2030	
Raintree and Marian PS Elimination, Phase 2	12/31/2030	
Sutherland Rd Interceptor	12/31/2030	
Goose Creek PS Improvements and Wet Weather Storage Phase 2: Goose Creek PS Improvement	12/31/2035	

2.3. CSO Long Term Control Plan (LTCP)

The CSO Long Term Control Plan (LTCP) addresses the overflows and unauthorized discharges from the Combined Sewer System (CSS). Multiple plans have been submitted under this program: the Interim CSO LTCP (approved February 22, 2007); the Final CSO LTCP (approved February 12, 2010); and the most recent revision of the LTCP, submitted May 19, 2021. The approved documents can be viewed on the MSD Project WIN website, available at **msdprojectwin.org**. Discharge locations associated with LTCP Projects can be found in Appendix I.

The ACD required LTCP projects to be completed by December 31, 2020. Per Paragraph 38.b.(3) of the 2ACD, schedules for any LTCP project could not extend beyond December 31, 2022. The final LTCP project of the 23 LTCP projects required under the 2ACD, which is the Waterway Protection Tunnel, was certified as complete on June 27, 2022. Evaluation of the system will continue through hydraulic modeling.

2.4. Additional Early Action Plan (AEAP) Projects

Since entry of the ACD, MSD determined that the conditions and circumstances regarding its assets have changed, thus necessitating the implementation of additional work in order to meet the objectives of the ACD and to achieve the levels of control for CSOs and SSOs set forth in the approved IOAP. These projects are known as Additional Early Action Plan (AEAP) projects and are described in the 2021 IOAP Modification, which can be viewed on the MSD Project WIN website, **msdprojectwin.org**. Per paragraph 39 of the 2ACD, MSD is required to implement new AEAP projects as listed in Table 2.2. The final Nine Critical Interceptor project required through the AEAP was certified as complete on January 24, 2025. Cost and schedule details for each Nine Critical Interceptor project were included in the FY25 Annual Report.

A Gantt chart including progress of AEAP projects during the reporting period, along with anticipated progress for the upcoming reporting period, can be found in Figure 2.1.

No projects were certified as complete during the current reporting period

Table 2.2. AEAP Project Estimated Costs

AEAP PROJECT	REQUIRED COMPLETION DATE	IOAP INITIAL ESTIMATE (2021)	CURRENT ESTIMATE OR COST AT COMPLETION	OVERAGE
Nine Critical Interceptors	December 31, 2026	$70.0M	$91.4M	$21.4M
Paddy's Run Pump Station Replacement	December 31, 2027	$115M	$239M	$124M
Morris Forman WQTC Biosolids Facility	December 31, 2030	$198M	$315M	$117M

2.5. Post-Construction Compliance Monitoring (PCCM)

Within the IOAP, monitoring efforts that support the impact evaluation of both project and plan implementation are discussed in Volume 1, Section 6.3. These efforts are incorporated into MSD's overall environmental data monitoring and management planning and activities, which support various MSD initiatives including operational support, the Municipal Separate Storm Sewer System (MS4) program, hydraulic modeling, water quality monitoring, and a range of regulatory reporting and trending requirements. Under the IOAP, the primary compliance assessment objectives will be to certify project completion, to confirm that the CSS performs at a minimum level on a system wide evaluation, and to confirm that SSOs continue to perform at the minimum level of control for each SSO mitigation project. As such, post-construction compliance monitoring (PCCM) supports impact analysis and the validation of various objectives of IOAP project initiatives, and the overall abatement plan.

2.5.1. PCCM for SSDP Projects

Due to the nature of SSDP projects having varying levels of control (associated with 2-, 5-, and 10-year cloud-burst storms), ensuring effective post-construction performance is important at the project level. It is the intent that performance analyses will be conducted for constructed projects as monitoring data becomes available. Historically, MSD partnered with the University of Louisville Center for Infrastructure Research (UofL) for the majority of the project PCCM evaluations. MSD has transitioned to reviewing assets in-house using a storm assessment tool, requesting additional support from the modeling team when necessary. An SOP is currently being developed detailing the response procedure for discharges associated with completed SSDP projects.

MSD begins reporting PCCM results on SSDP projects after one year of data is available for analysis, and continues monitoring until three years are documented with no reported overflows. If an overflow occurs that does not meet level of control for the project, an investigation is performed to determine what additional action may be needed. After the remedial measure is completed, MSD monitors for an additional three-year period.

The FY20 2ACD Annual Report included a detailed listing of completed SSDP project post-compliance performance status for projects completed through June 30, 2019, with data through June 30, 2020. Since that time, the Monticello Pump Station Elimination and Idlewood Inline Storage projects have been certified as complete and PCCM certification is underway. The Leven Pump Station Elimination project was certified as complete this reporting period and PCCM status will be included in the FY27 Annual Report.

The status of SSDP projects that have not completed the three-year PCCM monitoring period are listed in Table 2.3, including anticipated remedial measures to achieve compliance as needed.

Table 2.3. SSDP PCCM Project Status

DESCRIPTION	CERTIFICATION DATE	STATUS / REMEDIAL MEASURES
Floydsburg Road I/I Investigation and Rehabilitation	December 17, 2010	Although this project initially passed PCCM review with remediation (8/9/2018), additional remedial measures have been taken to address more recent overflow occurrences. Preliminary analysis shows additional rehabilitation has been effective, with no new discharges since work was completed on October 15, 2024.
Lantana #1 PS I/I Investigation & Rehabilitation	December 29, 2011	A revised solution is under construction to eliminate the pump station.
Mellwood System Improvements and PS Eliminations 1 - Mellwood PS & FM Improvements	December 27, 2012	Phased project - will be analyzed after completion of the Mellwood System Improvements and PS Eliminations 2 - Winton Avenue and Mockingbird Valley PS Eliminations Project, which will be complete by December 31, 2030.
Beargrass Interceptor Rehabilitation Ph 2	December 14, 2010	This project is hydraulically impacted by, and therefore will be analyzed after the completion of, the Middle Fork Relief Interceptor, Wet Weather Storage, and UMFPS 2 - PS and Interceptor Project, which will be complete by December 31, 2030.
Middle Fork Relief Interceptor, Wet Weather Storage And UMFPS Diversion 1 - Buechel Basin	December 27, 2013	Phased project - will be analyzed after completion of the Middle Fork Relief Interceptor, Wet Weather Storage, and UMFPS 2 - PS and Interceptor Project, which will be complete by December 31, 2030.
Southeastern Diversion Structure & Interceptor	April 19, 2012	This project is hydraulically impacted by, and therefore will be analyzed after the completion of, the Middle Fork Relief Interceptor, Wet Weather Storage, and UMFPS 2 - PS and Interceptor Project, which will be complete by December 31, 2030.
Raintree Court and Marian Court Pump Station Eliminations - Phase 1	October 15, 2021	Phased Project - will be analyzed after the completion of the Raintree and Marian Court Pump Station Eliminations - Phase 2 Project, which will be complete by December 31, 2030.
Goose Creek PS Improvements & Wet Weather Storage 2 - Devondale Wet Weather Storage	April 15, 2016	Phased project - will be analyzed after completion of the Goose Creek PS Improvements & Wet Weather Storage 2 - PS & FM Upgrade Project, which will be complete by December 31, 2035.
Monticello Pump Station Elimination	September 7, 2023	PCCM is currently underway. No associated assets have discharged since certification.
Idlewood Inline Storage	August 18, 2023	PCCM is currently underway. No associated assets have discharged since certification.

2.5.2. PCCM for LTCP Projects

Consistent with the CSO Policy and the approved IOAP, PCCM for LTCP projects will verify that the combined sewer system achieves the required capture for treatment or elimination of at least 85% of wet weather flows by volume during the Typical Year relative to pre-IOAP conditions. Because system performance is influenced by the interconnectivity of the combined sewer network, compliance must be assessed using a system-wide, model-based methodology rather than on a project-by-project basis. Accordingly, a model-based approach will be used to demonstrate that certified projects collectively meet the 85% capture/treatment requirement. The PCCM program will involve flow metering of the collection system and updated hydraulic modeling to confirm achievement of the target percent capture values. Once system performance has been validated, KDOW will coordinate with MSD to transition to a post-LTCP permit that requires continued operation and maintenance of controls necessary to maintain compliance. LTCP projects will be evaluated holistically according to this PCCM methodology when compared to the 85% regulatory compliance target. The IOAP projects, when fully implemented, are modeled to eliminate or capture for treatment 95% of the wet weather combined sewage generated in the service area during the typical year, which greatly exceeds the regulatory requirement of 85%. The values and basis of these calculations are included in the IOAP in Volume 2, Section 4.4, Table 4.4-1.

To evaluate the performance of the system for a given fiscal year period, the following steps are taken:

- Perform a simulation of the fiscal year using radar-rainfall data. Use the LTCP model as a base, but update to include actual performance from critical facilities (e.g. water quality treatment centers, pump station capacities, etc.) on a month-by-month basis.
- Review the results and compare to observed conditions
- Make additional adjustments based on reported conditions – this will be considered the ‘adjusted model’
- Compare the modeled results to observed values. If the model is conservative (e.g. over-predicting results), the adjusted model is acceptable to use. If the model significantly under predicts results, additional changes should be made.
- Using the ‘adjusted model’ conditions, simulate the typical year and re-calculate percent capture and performance

Specific changes made (relative to the LTCP model) to create the adjusted model for FY26 are:

- Morris Forman WQTC Capacities are based on the monthly average available wet weather capacity
- The Bell’s Lane EQ basin was not operated during the FY – this was made inoperable in the model (the HRTB was in use)
- The real-time control setpoints at the SGC Gate have not been raised to the LTCP level. The level was raised from 415’ to 417’ in January. The actual setpoints were used in the model.
- Inflows from the separate system in the LTCP model assume the completion of the Beargrass Area Tunnel SSDP project, which diverts flow from the CSS to the SSS during wet weather. This project has not been completed yet and the diversion of flows is not included in the model.
- Inflows from the separate system in the LTCP model assume the completion of a planned project to divert flows from the Ohio River Force Main to the Ohio River Tunnel instead of directly to the Ohio River Interceptor. This project has not been completed yet and the diversion of flows is not included in the model.
- The LTCP model assumes potentially modulating flows at Starkey PS. The model uses a static operating capacity of 108 MGD.
- The adjusted model includes some blockage to the influent screens limiting some flow to the Waterway Protection Tunnel.

Table 2.4 compares the adjusted FY model to the observed data. The results show the adjusted model is conservative for volume and occurrences, and thus sufficient for use in percent capture calculations.

The most likely reasons for differences between observed and modeled values are shown below. Some of these will be refined in future years.

Table 2.4. Adjusted LTCP Model

	VOLUME (MG)	TOTAL OVERFLOW ACTIVATIONS
Observed	1,541	771
Modeled	2,581	850

- Using an average monthly value for wet weather capacity at Morris Forman WQTC. Some of the peak capacities during initial events likely lead to additional treatment.
- The model uses programmed RTC values at each facility. These are sometimes over-ridden by MSD staff to capture additional flow.
- The blockage of the gate influent structures is likely conservative. MSD staff has worked to more proactively maintain these structures between events.
- The initial hydrologic calibration is intentionally conservative (calibration would have favored wetter seasons, which yield a higher response for the same rainfall than during summer and fall events)

The adjusted model results in a percent capture of 87% for the TY based on FY26 conditions, as shown in Table 2.5.

Table 2.5. Modeled LTCP Volumes

	FINAL LTCP MODELED VALUE	FINAL LTCP MINIMUM REQUIREMENT	TYPICAL YEAR SYSTEM PERFORMANCE
Volume of combined sewage collected in the CSS during precipitation events (MG)	19,700	19,700	19,700
Volume of combined sewage captured or treated (MG)	18,800	16,745	17,194

2.5.3. Stream Flow and Water Quality Monitoring

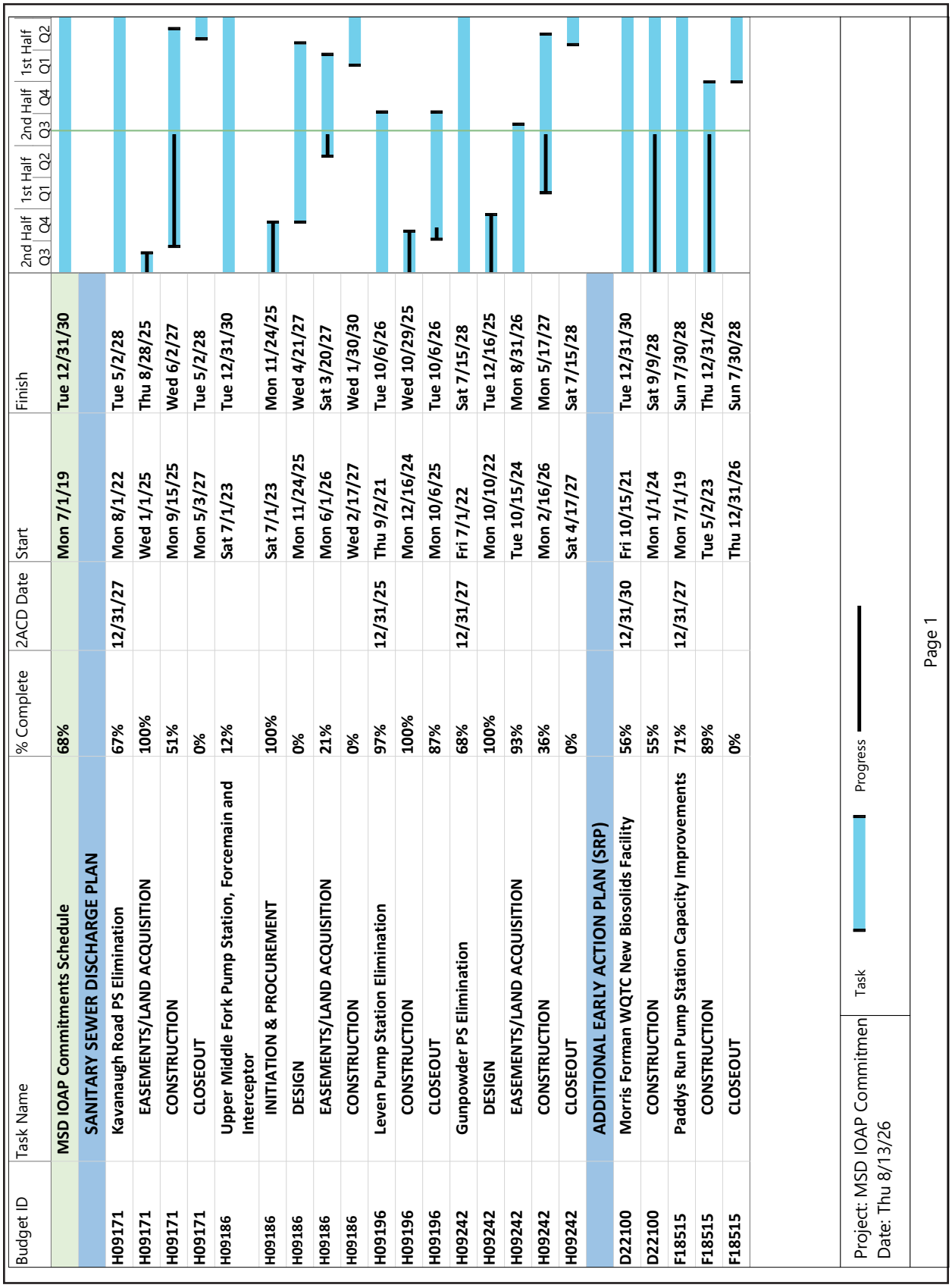
Every five years, MSD publishes a synthesis report, called “State of the Streams”, that summarizes water quality trends based on data MSD collects through its Long-Term Monitoring Network. The latest report is available at **msdprojectwin.org**. MSD continues to synthesize and trend water quality data in a report. The next update to the report is anticipated to begin in September 2026 and be completed during the FY27 reporting period.

2.6. IOAP Activity Schedule

A Gantt chart including progress of the remaining IOAP projects during the current reporting period and anticipated during the upcoming reporting period can be found in Figure 2.1.

Figure 2.1. IOAP Activity Schedule

Budget ID	Task Name	% Complete	2ACD Date	Start	Finish
	MSD IOAP Commitments Schedule	**68%**		**Mon 7/1/19**	**Tue 12/31/30**
	SANITARY SEWER DISCHARGE PLAN				
H09171	Kavanaugh Road PS Elimination	67%	12/31/27	Mon 8/1/22	Tue 5/2/28
H09171	EASEMENTS/LAND ACQUISITION	100%		Wed 1/1/25	Thu 8/28/25
H09171	CONSTRUCTION	51%		Mon 9/15/25	Wed 6/2/27
H09171	CLOSEOUT	0%		Mon 5/3/27	Tue 5/2/28
H09186	Upper Middle Fork Pump Station, Forcemain and Interceptor	12%		Sat 7/1/23	Tue 12/31/30
H09186	INITIATION & PROCUREMENT	100%		Sat 7/1/23	Mon 11/24/25
H09186	DESIGN	0%		Mon 11/24/25	Wed 4/21/27
H09186	EASEMENTS/LAND ACQUISITION	21%		Mon 6/1/26	Sat 3/20/27
H09186	CONSTRUCTION	0%		Wed 2/17/27	Wed 1/30/30
H09196	Leven Pump Station Elimination	97%	12/31/25	Thu 9/2/21	Tue 10/6/26
H09196	CONSTRUCTION	100%		Mon 12/16/24	Wed 10/29/25
H09196	CLOSEOUT	87%		Mon 10/6/25	Tue 10/6/26
H09242	Gunpowder PS Elimination	68%	12/31/27	Fri 7/1/22	Sat 7/15/28
H09242	DESIGN	100%		Mon 10/10/22	Tue 12/16/25
H09242	EASEMENTS/LAND ACQUISITION	93%		Tue 10/15/24	Mon 8/31/26
H09242	CONSTRUCTION	36%		Mon 2/16/26	Mon 5/17/27
H09242	CLOSEOUT	0%		Sat 4/17/27	Sat 7/15/28
	ADDITIONAL EARLY ACTION PLAN (SRP)				
D22100	Morris Forman WQTC New Biosolids Facility	56%	12/31/30	Fri 10/15/21	Tue 12/31/30
D22100	CONSTRUCTION	55%		Mon 1/1/24	Sat 9/9/28
F18515	Paddys Run Pump Station Capacity Improvements	71%	12/31/27	Mon 7/1/19	Sun 7/30/28
F18515	CONSTRUCTION	89%		Tue 5/2/23	Thu 12/31/26
F18515	CLOSEOUT	0%		Thu 12/31/26	Sun 7/30/28



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Section 3: Program Activities for Nine Minimum Controls

Per Paragraph 37.a. of the 2ACD, the Nine Minimum Controls (NMC) Compliance Report was approved by the EPA/KEEC on February 22, 2007. The approved document can be viewed on the MSD Project WIN website, **msdprojectwin.org**. MSD performed a self-assessment for the NMC program in 2019. Highlights of NMC program implementation are outlined below.

3.1. NMC 1: Proper Operation and Maintenance Programs

Recurring Programmatic Activities

- Inspected, maintained and operated the CSS pump stations and the Morris Forman WQTC.
- Maintained performance measures as shown in Table 3.1
  - Catch basins within the CSS are scheduled to be inspected every 15 months. If it is found that cleaning is necessary during inspection, the catch basin is cleaned at that time. Cleaning totals have been annualized for reporting.
  - CSOs and flapgates are inspected weekly. Siphons are inspected monthly. Debris removal or repair work orders on CSO assets are required to be created the next business day after the inspection and completed within five business days.
- Performed scheduled cleaning and inspection on gravity mains within the CSS, shown in Table 3.2.

Table 3.1. NMC 1 Performance Measures

ACTIVITY	REQUIRED	COMPLETED	% COMPLETE	GOAL
CATCH BASIN INSPECTION/CLEANING	15,474	24,704	159.6%	84.0%
CSO INSPECTIONS	6,136	5,941	96.8%	84.0%
SIPHON INSPECTIONS	602	561	93.2%	84.0%
FLAPGATE INSPECTIONS	988	968	98.0%	84.0%
DEBRIS REMOVAL / REPAIR	397	397	100.0%	100.0%

Table 3.2. Other NMC 1 Activities Completed

ACTIVITY	LINEAR FEET
CLEANING ACTIVITIES	1,385
INSPECTION ACTIVITIES	96,417

- Reviewed catch basin areas against the CSS and explored re-alignment to confirm that the 15-month cleaning cycle is achieving regulatory commitments.
- Reviewed the CSO inventory schematics and revised as necessary.
- Scheduled and conducted the annual CSO Field Training with appropriate MSD Operations Division staff and Morris Forman WQTC personnel.
- Incorporated the results of the annual field investigation to adjust and enhance the annual CSO Field Training modules.
- Performed weekly inspection of diversion chambers from the Ohio River, Northwest, Hikes Lane, and Beargrass Interceptors.
- Maintained Continuous Deflection Separation (CDS) units at the 12th & Rowan Pump Station and CSO108.

3.2. NMC 2: Maximization of Storage in the Collection System

3.2.1. Real Time Control (RTC) Optimization

Recurring Programmatic Activities

- Maintained operation of Phase 1, 2, and 3 of the RTC system. Wet weather flow was diverted for treatment at Derek R Guthrie WQTC or Bells Lane High Rate Treatment Facility, or stored in the system during rain events and routed to the Morris Forman WQTC once the system was able to handle the flow, as summarized in Table 3.3. See Appendix J for a detailed report.
- Monitored and evaluated the performance of the RTC system against operational objectives and issued updates to configurations and site tuning as necessary to improve performance of the recently integrated facilities and Csoft 4.

Table 3.3. Wet Weather Storage and Diversion to Treatment via RTC

RTC METHOD	VOLUME (MG)
Waterway Protection Tunnel	401.05
LTCP CSO Basin Storage	583.90
Inline Storage	939.65
Storm Basin Storage	256.65
Diversion to Treatment	4,412.32
Total	6,593.57

- Reviewed and updated the master programming and modules guide for RTC facilities to document existing programming and parameters as a reference to ensure long term continuity of the RTC system.

FY26 Reporting Period

- Continued the transition to new SCADA system servers and upgraded various networking and IT equipment to improve reliability of the system, cybersecurity, and performance.
- Continued work towards replacing an existing SWOR2 inflatable dam that is showing signs of wear.
- Evaluated options for replacement of gate SG1 at the Main Diversion Structure (MDS) to improve flow control to the Morris Forman WQTC and reliability of equipment. The improvements should allow a better maximization of inline storage in the Ohio River Interceptor and of treatment capacity utilization.

FY27 Reporting Period

- Finalize the transition to new SCADA system servers and IT equipment.
- Proceed with detailed design of replacement of gate SG1 at the MDS and the SWOR2 inflatable dam.

3.2.2. Storage Optimization

The main objective of the RTC performance assessment is to determine whether the available flow and storage capacities within the system are utilized to their optimal potential. MSD staff continues to review and prioritize strategies for performance improvement.

Recurring Programmatic Activities

- Maintained the Hydroweb dashboard with key performance indicators designed to quantify RTC performance.
- Implemented hardware, software, and set-point changes as applicable on a site-by-site basis.
- Refined the local site tuning of RTC facilities as needed based on performance during varying rain events.
- Improved and automated operations of the facilities integrated into the system.

FY26 Reporting Period

- Monitored to complete tuning of the control loops and control logic at the SWOR1 facility to improve level control performance. The level setpoint was increased by two feet on November 18, 2025 to use more of the available in-line retention capacity.
- Monitored effectiveness of improvements to the bar screen rake system of the Portland Basin diversion structure.
- Explored opportunities to increase usage of existing retention capacity in the Nightingale Pump Station Basin to reduce global CSO volume without negative impacts.

FY27 Reporting Period

- Monitor the control loops and control logic at the SWOR1 facility to improve level control performance. Once the performance is satisfactory, increase the level setpoint to use more of the available in-line retention capacity.

3.3. NMC 3: Review and Modification of Pretreatment Requirements

Recurring Programmatic Activities

- Completed FY26 NMC 3 Trunk Sewer Water Quality Data Collection in October 2025.
  - Finalized pollutants of concern (POCs) and trunkline sewer data (contributory to CSOs) for FY26 Dry Weather Sampling Result Report.
  - Reviewed and evaluated FY26 trunk sewer data against prior trunk sewer data to determine if changes in pollutants warrant review of contributory Non-Domestic Dischargers (NDDs).
  - Reviewed NDDs (based on historical data) to identify those that may be removed from the program, as well as any that may need to be added.
  - Determined POCs and trunkline sewer (contributory to CSOs) dry weather sampling strategy for FY27.
  - Prepared a report to document the findings and recommendations resulting from sampling efforts.
- Tracked performance measures to quantify the effectiveness of voluntary controls during wet weather events. The pollutant loading kept out of the CSS has been quantified with the data from the wet weather logs submitted by NDDs and is shown in Table 3.4. Mass is based on typical concentrations for each industry and the reported volume kept out of CSS during each rain event.

Table 3.4. Voluntary Controls During Wet Weather Events

PERFORMANCE MEASURE	NUMBER OF NDDS PARTICIPATING	NUMBER OF WET WEATHER DAYS	VOLUME (GAL)	BOD (LBS)	TSS (LBS)
Total Quantity Pollutants Kept Out of the CSS in FY26	8	35	11,999,500	861,706	463,326

- Sent wet weather alerts to NDDs of concern prior to rain events, reminding them of their commitment to implement voluntary controls during wet weather events.
    - During this reporting period, the MSD service area experienced 37 measurable rain events and 47 events with only trace rainfall.
    - MSD sent email notices to NDDs 24 times prior to precipitation events. The email notices contain information regarding precipitation expected for a seven-day period.
    - There are currently ten NDDs that voluntarily implement controls during wet weather by alternating their cleaning schedule and/or by storing wastewater during a rain event.
- Included specific NMC 3-related language, as appropriate, in new and reissued wastewater discharge permits to facilities located in the CSS, as well as in all Unusual Discharge Requests (UDRs) approved for discharge to the CSS.
    - This reporting period, reissued 20 wastewater discharge permits to users discharging to or immediately upstream of the CSS.
    - There were 16 UDRs processed for discharges to Morris Forman WQTC in FY26. The UDRs included 11 locations in the CSS, 2 locations in the SSS, and 3 locations that discharged to the Rubbertown Force Main. To avoid the risk of an overflow occurring, UDR permits contain standard condition requirements which restrict discharges into the collection system when wet weather conditions are expected.
- Included hold and release requirements in permits for all new industrial users in the combined sewer system and for existing industrial customers that expand production in the combined sewer system. The volume and duration of each hold and release requirement were determined through use of MSD's hydraulic model.
    - MSD applied hold and release requirements to three (3) permits during the reporting period. MSD also documented which permitted industries have 'hold and release' permit requirements.
- Sought out green infrastructure opportunities at NDDs discharging to the CSS and documented the permitted industries that use green infrastructure to reduce flow contributions during wet weather.
- Documented which NDDs have ceased operation during the reporting period and quantified the impact/reduction on CSS operation.
- Conducted staff training on implementation of the NMC 3 program.
- Conducted zero (0) NMC 3 site inspections this reporting period at Industrial User facilities not currently in the formal NMC 3 program as part of the initial permitting or permit renewal process.
- Conducted four (4) NMC 3 site inspections this reporting period at NDD facilities as part of the permit renewal process.
- Discussed NMC 3 program participation at each annual site inspection for Industrial Users who are currently in the NMC 3 program.
- Reviewed improvements made to the combined sewer system infrastructure and their potential impact on the NMC 3 program. Considered updated flows from the most recent calibrated hydraulic model. Some CSS improvements may result in changes to the ongoing NMC 3 program.

FY26 Reporting Period

- Evaluated and refined the NMC 3 program based on the Waterway Protection Tunnel and addition of other storage basins throughout the combined sewer system. Evaluated discharges in the collection system that have hold and release requirements in their permit to determine if such requirements are still applicable.

FY27 Reporting Period

- Evaluate the NMC 3 program and discharges to active CSOs. Review changes to the collection system, Waterway Protection Tunnel, and basins to better understand the need for hold and release requirements at industrial facilities. Review the status of other NMC 3 programs and what controls should be implemented.

3.4. NMC 4: Maximization of Flow at the Morris Forman Water Quality Treatment Center (WQTC)

3.4.1. Capital Projects

NMC capital project schedules for the current and upcoming reporting periods are provided in Figure 3.3.

3.4.2. Morris Forman WQTC Performance

Figure 3.1. CSO Locations Relative to Morris Forman WQTC



- Continued to maximize flow to the Morris Forman WQTC. Charts that compare plant flow at the Morris Forman WQTC with the occurrence of CSOs at the MDS and the Southwestern PS are included in Appendix K. As described in Appendix B, reporting for CSO015 and CSO191 have been merged to align with their combined outfall point. In Appendix K, overflows at CSO191 are included in the CSO occurrence reporting for CSO015. Refer to Figure 3.1 for the locations of the CSOs closest to Morris Forman WQTC.

- Morris Forman WQTC experienced plant violations throughout the reporting period due to work being performed to upgrade solids handling equipment and the limited availability of alternate solids disposal. Permit compliance details for Morris Forman WQTC for the current reporting period are shown in Table 3.5, where a "©" indicates compliance and an "X" indicates noncompliance. Morris Forman WQTC compliance from FY22 through the current reporting period is included in Table 3.6. MSD is utilizing Rotary Drum Dryers at Morris Forman WQTC and continues to employ additional solids processing methods, including purchasing additional liquid oxygen and dewatering of regional solids at Derek R. Guthrie WQTC and Hite Creek WQTC in an effort to meet permit requirements. The following in progress construction projects are critical to MSD working towards Morris Forman WQTC achieving permit compliance:

  - Rehabilitation of the Primary Sedimentation Basins is complete and Sedimentation Basins are being utilized. This project will improve control of flow through primary treatment to improve Total Suspended Solids (TSS) and BOD removal.

  - Construction of the Biosolids Facility Project is currently underway. MSD looks to have the first Thermal Hydrolysis Process (THP) train operational by the end of 2026. This will update MSD biosolids processing, minimizing the need to landfill solids, producing a Class A biosolid, utilized with the existing Rotary Drum Dryers. The overall Morris Forman WQTC Biosolids Facility project will be completed ahead of the 2ACD deadline of December 30, 2030.

  - Construction has started for Dissolved Air Flotation Thickening (DAFT) upgrades. This will improve the waste activated sludge (WAS) process which will be integral to the success of Dryers and THP.

- The Final Effluent PS was in service 49 days during the reporting period.

Table 3.5. Morris Forman WQTC Permit Compliance Details

PARAMETER	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE
Ammonia Nitrogen, 30 Day Secondary Effluent	©	©	©	©	©	©	©	©	©	©	©	©
Ammonia Nitrogen, 7 Day Secondary Effluent	©	©	©	©	©	©	©	©	©	©	©	©
BOD, 30 Day Secondary Effluent	©	X	X	X	X	X	X	X	X	©	©	©
BOD, 7 Day Secondary Effluent	©	X	X	X	X	X	X	X	X	©	©	©
BOD, Percent Removal	©	X	©	X	X	©	©	X	X	©	©	©
Chlorine, Residual	©	©	©	©	©	©	X	X	©	©	X	©
Dissolved Oxygen	©	©	©	©	©	©	©	©	©	©	©	©
Fecal Coliform, 30 Day Geomean	©	©	©	©	©	©	©	©	©	©	©	©
Fecal Coliform, 7 Day Geomean	©	X	X	X	©	©	©	©	©	©	©	©
pH	©	©	©	©	©	©	©	©	©	©	©	©
TSS, 30 Day Secondary Effluent	X	X	X	X	X	X	X	X	X	X	©	©
TSS, 7 Day Effluent	X	X	X	X	X	X	X	X	X	X	©	X
TSS, Percent Removal	X	X	X	X	X	X	X	X	X	X	X	X

Table 3.6. Morris Forman WQTC Permit Compliance

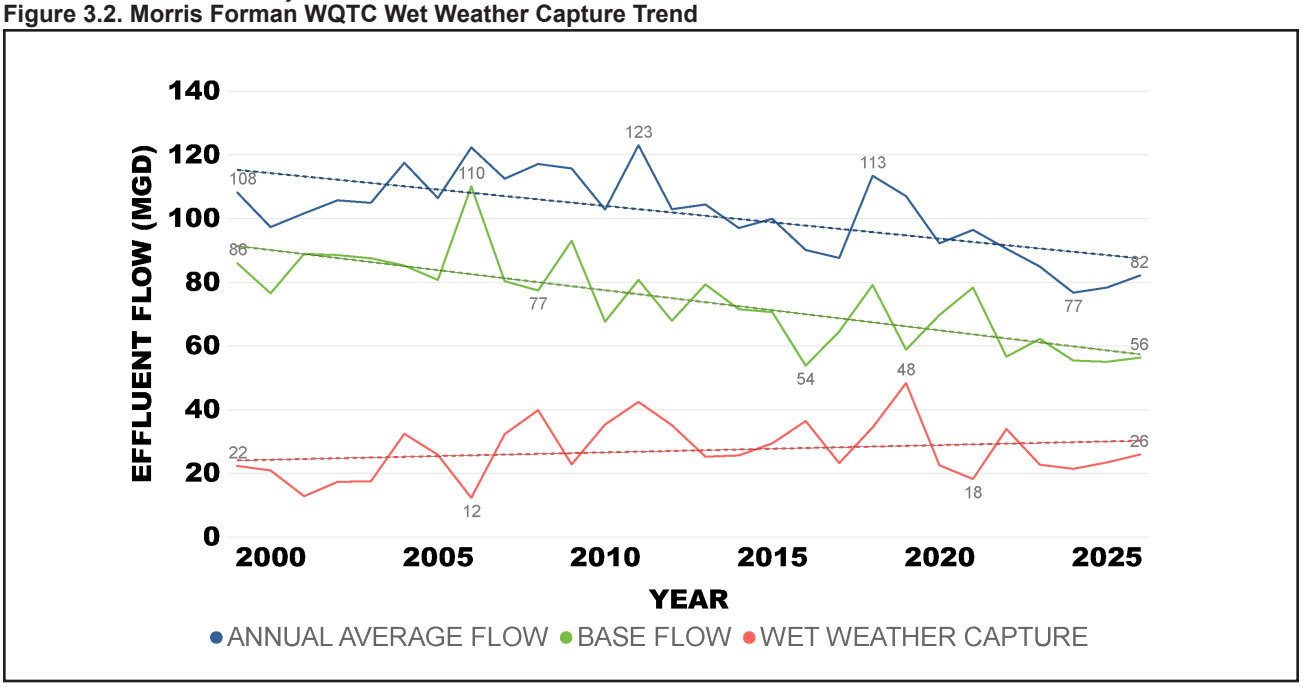
FY	EXCEEDANCES	MONTHS COMPLIANT
FY22	77	0
FY23	88	0
FY24	92	0
FY25	81	0
FY26	60	0

3.4.3. Wet Weather Capture

Figure 3.2 graphs annual average flow, base flow and wet weather capture for treatment at Morris Forman WQTC. The wet weather capture is the difference between the annual average flow treated and the base wastewater flow (defined in state regulations as the lowest monthly average day flow during the calendar year). Overall, the long-term base flow trend is decreasing. Until the last couple of years, MSD had a trend of increasing wet weather capture for treatment. Recent system failures along with major capital construction projects at Morris Forman WQTC have impacted the maximum flow rate at Morris Forman WQTC, resulting in decreased wet weather capture during peak flow events. The overall increasing trend in wet weather capture is largely attributed to a combination of capital improvements within the Morris Forman WQTC service area, implementation of RTC facilities in the CSS, and construction and integration of CSO control basins into the RTC system.

This WQTC has experienced failures of major equipment or components resulting in a decrease in peak wet weather capacity over portions of the past several years. Although the instantaneous peak hydraulic capacity of the Morris Forman WQTC is 350 MGD, the sustained flow that can be treated on a daily basis is governed by a number of other factors, including the performance of the biological treatment processes and available treatment process equipment. Numerous improvements and system replacements have occurred or are ongoing to restore the peak capacity and improve reliability. The most significant impact to peak flow is the Sedimentation Basin Rehabilitation Project which was completed this reporting period but impacted flow during construction. While individual years are highly variable due to weather impacts, significant performance improvements have been realized through implementation of the revised wet weather SOP and better wet weather process control at Morris Forman WQTC. These improvements will be enhanced with the completion of the Sedimentation Basin Rehabilitation Project.

Figure 3.2. Morris Forman WQTC Wet Weather Capture Trend



3.5. NMC 5: Elimination of Combined Sewer Overflows during Dry Weather

Recurring Programmatic Activities

- Maintained the U.S. Army Corps of Engineers (USACE) Flood Operations and Maintenance Manual, updating as needed to reflect changes in operations that have occurred with the IOAP projects and operational SOP improvements. Implemented additional operational modifications at Flood Pump Stations (FPS) within the CSS to prevent dry weather overflows. Discussions with the USACE are ongoing regarding proposed modifications to these pumping stations that will minimize dry weather CSOs due to high river levels. This will be an ongoing annual task until all the projects in the IOAP are completed and an ongoing task as NMC programmatic activities are completed.
- Performed quarterly evaluations of dry weather unauthorized discharges to the Waters of the United Stated (WUS), with emphasis on the CSS, to determine causes and to determine if there is a need for corrective activities, when and where applicable.
- Performed inspection and cleaning of fats, oils and grease (FOG) Focus Areas within the CSS, in accordance with Capacity Management, Operations and Maintenance (CMOM) commitments. Refer to Section 4.1.2.4 for further information regarding MSD's FOG program
- Maintained SOPs for the FPSs, updating as needed to reflect ongoing operational changes that occur as capital projects and NMC programmatic activities are completed.
- Maintained weir heights, diversion structures, and gates at levels necessary to divert potential dry weather flow to structures such as the Waterway Protection Tunnel and CSO basins. From these structures, dry weather flow is able to be pumped back into the combined sewer system for treatment. FPS, flood gates, and SCADA are inspected, and all SORP guidelines and reporting requirements are followed in the case of a dry weather discharge.

3.6. NMC 6: Control of Solids and Floatable Materials in Combined Sewer Overflows

Recurring Programmatic Activities

- Refer to Section 3.1 for information regarding inspection and maintenance procedures for the S&F structures as part of the weekly CSO inspections and PM cleaning routines.
- Administered S&F control operations and maintenance training to appropriate staff.
- Performed hydraulic assessment of S&F controls to determine where the current S&F system can be updated. This will be an ongoing activity until S&F controls at each CSO have been evaluated.
- Worked with staff to determine the quantity of debris and floatables captured by catch basin cleaning, at the Headworks of the Morris Forman WQTC, and at the end of line S&F controls. Reports have been developed to capture the amount of material removed through catch basin cleaning and at the end of the line S&F controls. Results for the reporting period are shown in Table 3.7.

Table 3.7. Debris Removed from System

SOURCE	DEBRIS REMOVED (TONS)
Catch Basin & Sewer Cleaning	5,464.9
Morris Forman WQTC Headworks	2,268.7

3.7. NMC 7: Pollution Prevention Programs to Reduce Contaminants in Combined Sewer Overflows

Recurring Programmatic Activities

- Administered the Erosion Prevention and Sediment Control (EPSC) Ordinance. Utilized a tracking system for EPSC Notices of Violation (NOVs) and Field Correction Notices (FCNs).
- Administered the Hazardous Materials Ordinance, which requires users with hazardous materials on site to submit a spill prevention and control plan. Responded to spills of hazardous materials and incidents involving discharges to the sewer system and provided spill mitigation kits to the Louisville Metro Fire Department to use to absorb vehicle fluids rather than flushing to the sewer.
- Issued Wastewater Discharge Permits under the Industrial Pretreatment Program.
- Distributed literature to significant industrial users (SIUs) on best management practices for prevention of pollution.
- Promoted and provided guidance on Green Infrastructure initiatives within Jefferson County, such as downspout disconnection and rain garden installation.
- Prepared and distributed informational pieces, targeted to inform customers and residents on activities that can be practiced within their homes to assist in the reduction of overflows within the collections system.
- Maintained post-construction Best Management Practice (BMP) tracking in OAR.
- Discussed water quality topics with students, including what impacts the CSS can have on receiving waterways, and how they can improve water quality through behavior change.
- Hosted SummerWorks students at MSD facilities where they received training about Post Construction and Green Infrastructure best management practices.
- Trained on Stormwater Pollution Prevention Plans (SWPPPs) for the WQTCs and the Central Maintenance Facility (CMF).
- Conducted watershed planning efforts for Jefferson County.
- Coordinated, planned, and hosted trash pick-up, tree planting, outreach, and rain garden events as described in Table 6.1, Table 6.4, Table 6.5, and Table 6.6.

FY26 Reporting Period

- Developed online training modules for the Local Utilities and Government Agencies General Permit for EPSC and an EPSC Basics module. These are expected to be available in the next reporting period.
- Began updates to the internal SWPPP training.

FY27 Reporting Period

- Continue to update and modernize training for internal and external stakeholders.

3.8. NMC 8: Public Notification

Refer to Section 6: Program Activities for Public Outreach, Education, Notification and Participation for information regarding public notification.

3.9. NMC 9: Monitoring to Characterize Combined Sewer Overflow Impacts and the Efficacy of Combined Sewer Overflow Controls

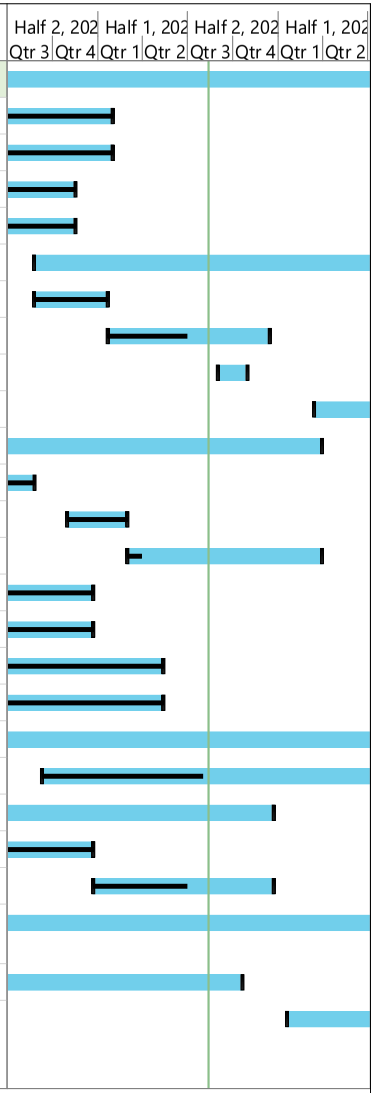
Refer to Section 2.5 for information regarding system monitoring.

3.10. NMC Activity Schedule

A Gantt chart including progress of NMC projects during the reporting period can be found in Figure 3.3.

Figure 3.3. NMC Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
	MSD NMC Commitments Schedule	**67%**	**Fri 1/8/16**	**Sun 6/1/31**
A24132	Southwestern CSO Basin Bar Screen Replacement	100%	Wed 11/1/23	Sat 1/31/26
A24132	CLOSEOUT	100%	Fri 1/31/25	Sat 1/31/26
A24176	Hancock St Sewer Emergency Repair	100%	Mon 5/1/23	Mon 11/17/25
A24176	CLOSEOUT	100%	Fri 10/18/24	Mon 11/17/25
A25283	MFBGC Tree Boxes in Cherokee Triangle	28%	Mon 8/25/25	Sun 9/10/28
A25283	INITIATION & PROCUREMENT	100%	Mon 8/25/25	Wed 1/21/26
A25283	DESIGN	78%	Wed 1/21/26	Tue 12/15/26
A25283	Public Outreach/Survey	0%	Tue 9/1/26	Sat 10/31/26
A25283	CONSTRUCTION	0%	Mon 3/15/27	Sat 9/11/27
A25284	CSO Fall Protection	69%	Tue 4/1/25	Wed 3/31/27
A25284	SERVICE PERIOD	100%	Tue 4/1/25	Tue 8/26/25
A25284	CONSTRUCTION	100%	Fri 10/31/25	Mon 3/2/26
A25284	CLOSEOUT	53%	Mon 3/2/26	Wed 3/31/27
C24121	California Trap Catch Basin Replacement Phase 2	100%	Mon 10/2/23	Mon 12/22/25
C24121	CLOSEOUT	100%	Sun 6/23/24	Mon 12/22/25
C24139	Shawnee Trap Catch Basin Replacement	100%	Fri 1/19/24	Thu 5/14/26
C24139	CLOSEOUT	100%	Wed 5/14/25	Thu 5/14/26
D17039	MFWQTC DAFT Rehabilitation	52%	Sat 7/1/23	Thu 12/28/28
D17039	CONSTRUCTION	39%	Wed 9/10/25	Wed 12/29/27
D17042	MFWQTC Primary Sedimentation Basins Rehabilitation	93%	Tue 5/21/19	Wed 12/23/26
D17042	CONSTRUCTION	100%	Tue 1/25/22	Tue 12/23/25
D17042	CLOSEOUT	72%	Tue 12/23/25	Wed 12/23/26
D18160	MFWQTC Mixed Liquor Channel and HPO Batteries A, B, C Improvements	41%	Sat 7/1/23	Thu 5/30/30
D18160	DESIGN	91%	Tue 5/14/24	Wed 10/21/26
D18160	CONSTRUCTION	0%	Tue 1/19/27	Thu 8/23/29



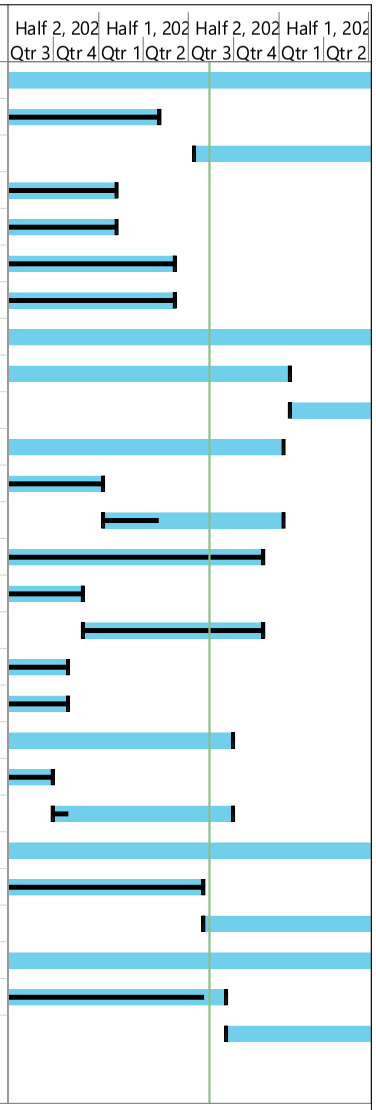
Project: MSD NMC Commitmen
Date: Thu 8/13/26

Task Progress

Page 1

Figure 3.3. NMC Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
D18161	MFWQTC Chlorine Contact Tanks and FEPS Structural Repairs	48%	Mon 7/3/23	Sat 1/13/29
D18161	DESIGN	100%	Mon 1/8/24	Mon 5/4/26
D18161	CONSTRUCTION	0%	Mon 7/13/26	Wed 12/15/27
D19286	SWPS Gas Monitoring and SP1 Odor Control	100%	Wed 5/15/19	Thu 2/5/26
D19286	CLOSEOUT	100%	Fri 4/5/24	Thu 2/5/26
D20007	Peabody Gate Structure Rehabilitation	100%	Mon 7/4/22	Wed 6/3/26
D20007	CLOSEOUT	100%	Fri 5/30/25	Wed 6/3/26
D20012	SGC RTC Enhancements	68%	Tue 11/19/19	Wed 8/22/29
D20012	DESIGN	94%	Tue 2/18/20	Fri 1/22/27
D20012	CONSTRUCTION	0%	Fri 1/22/27	Fri 6/23/28
D21247	MFWQTC MEB HVAC Replacement	93%	Tue 6/15/21	Sat 1/9/27
D21247	CONSTRUCTION	100%	Wed 11/16/22	Fri 1/9/26
D21247	CLOSEOUT	70%	Fri 1/9/26	Sat 1/9/27
D22122	MFWQTC MEB Boiler Replacement	100%	Wed 12/1/21	Mon 11/30/26
D22122	CONSTRUCTION PERIOD	100%	Mon 8/1/22	Sun 11/30/25
D22122	CLOSEOUT	100%	Sun 11/30/25	Mon 11/30/26
D22186	MFWQTC Computer Room Upgrades	100%	Thu 3/31/22	Fri 10/31/25
D22186	CLOSEOUT	100%	Tue 10/1/24	Fri 10/31/25
D23194	MFWQTC Emergency Elevator Project	95%	Mon 5/1/23	Wed 9/30/26
D23194	CONSTRUCTION	100%	Mon 5/1/23	Tue 9/30/25
D23194	CLOSEOUT	85%	Tue 9/30/25	Wed 9/30/26
D24104	MFWQTC Secondary Load Centers Replacement	67%	Fri 9/1/23	Sun 8/1/27
D24104	CONSTRUCTION	100%	Tue 10/1/24	Sat 8/1/26
D24104	CLOSEOUT	0%	Sat 8/1/26	Sun 8/1/27
D24149	MFWQTC Digester Gas Hydrogen Sulfide Removal	62%	Thu 1/4/24	Thu 9/16/27
D24149	CONSTRUCTION	93%	Mon 11/4/24	Wed 9/16/26
D24149	CLOSEOUT	0%	Wed 9/16/26	Thu 9/16/27



Project: MSD NMC Commitmen
Date: Thu 8/13/26

Task Progress

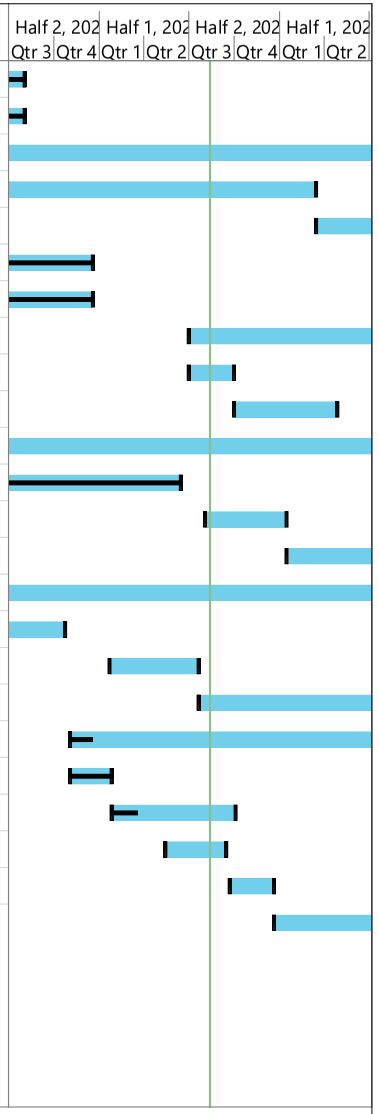
Page 2

Figure 3.3. NMC Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
D24169	Western Outfall Sewershed Studies	100%	Mon 3/4/24	Thu 7/31/25
D24169	CLOSEOUT	100%	Mon 9/30/24	Thu 7/31/25
D24187	North Galt Ave Sewer Repair	100%	Mon 7/1/24	Mon 7/27/26
D24187	DESIGN	100%	Wed 7/10/24	Sat 11/29/25
D24187	CONSTRUCTION	100%	Sat 11/29/25	Tue 6/30/26
D24187	CLOSEOUT	100%	Tue 6/30/26	Mon 7/27/26
D25051	MFWQTC Renewable Natural Gas	100%	Mon 7/1/24	Mon 7/14/25
D25051	DESIGN	100%	Sat 9/28/24	Mon 7/14/25
D25229	Bells Lane Wet Weather Treatment Facility Peracetic Acid Chemical Feed System Rehabilitation	56%	Mon 7/1/24	Thu 9/30/27
D25229	CONSTRUCTION	88%	Mon 6/2/25	Wed 9/30/26
D25229	CLOSEOUT	0%	Wed 9/30/26	Thu 9/30/27
D26021	FY26 Vertical Infrastructure Rehab - MFWQTC	100%	Tue 7/1/25	Thu 7/30/26
D26021	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
D26021	SERVICE PERIOD	100%	Tue 7/1/25	Tue 6/30/26
D26021	CLOSEOUT	100%	Tue 6/30/26	Thu 7/30/26
D27018	FY27 Vertical Infrastructure Rehab - MFWQTC	16%	Wed 7/1/26	Fri 7/30/27
D27018	INITIATION & PROCUREMENT	100%	Wed 7/1/26	Wed 7/1/26
D27018	SERVICE PERIOD	17%	Wed 7/1/26	Wed 6/30/27
D27018	CLOSEOUT	0%	Wed 6/30/27	Fri 7/30/27
D27066	MFWQTC FEPS Pump Monitor Upgrade	2%	Wed 7/1/26	Sat 6/10/28
D27066	INITIATION & PROCUREMENT	99%	Wed 7/1/26	Tue 9/1/26
D27066	DESIGN	0%	Sat 8/1/26	Sun 11/29/26
D27066	CONSTRUCTION	0%	Sun 12/13/26	Fri 6/11/27
D27066	CLOSEOUT	0%	Fri 6/11/27	Sat 6/10/28
E21049	FY25 NMC RTC	100%	Mon 7/1/24	Wed 7/30/25
E21049	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25
E22116	South Shelby St. Sanitary Sewer Improvements	100%	Mon 11/8/21	Tue 6/30/26
E22116	CLOSEOUT	100%	Fri 5/9/25	Tue 6/30/26

Figure 3.3. NMC Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
E24190	Brown School Sewer Repair	100%	Mon 6/3/24	Sun 8/3/25
E24190	CLOSEOUT	100%	Sat 8/3/24	Sun 8/3/25
E25065	SWOR2 Inflatable Dam Replacement	7%	Mon 7/1/24	Fri 12/28/29
E25065	INITIATION & PROCUREMENT	24%	Mon 7/1/24	Mon 3/15/27
E25065	DESIGN	0%	Mon 3/15/27	Fri 9/8/28
E25116	Belle of Louisville Force Main Replacement	100%	Mon 7/1/24	Fri 12/19/25
E25116	CLOSEOUT	100%	Thu 12/19/24	Fri 12/19/25
E25217	Park Hill Neighborhood Catch Basin Replacement Phase 2	4%	Wed 7/1/26	Sun 10/29/28
E25217	INITIATION & PROCUREMENT	33%	Wed 7/1/26	Thu 10/1/26
E25217	DESIGN	0%	Thu 10/1/26	Wed 4/28/27
E25240	SED2 Sluice Gate 3 Replacement	48%	Fri 11/1/24	Sat 1/15/28
E25240	DESIGN	100%	Sun 12/1/24	Mon 6/15/26
E25240	CONSTRUCTION	0%	Mon 8/3/26	Fri 1/15/27
E25240	CLOSEOUT	0%	Fri 1/15/27	Sat 1/15/28
E25309	Southwestern Outfall Odor Modeling	23%	Thu 5/15/25	Wed 7/21/27
E25309	DESIGN	91%	Mon 6/2/25	Fri 10/24/25
E25309	CONSTRUCTION	0%	Thu 1/22/26	Tue 7/21/26
E25309	CLOSEOUT	0%	Tue 7/21/26	Wed 7/21/27
E26158	North 32nd St Sanitary Sewer Improvement	32%	Mon 11/3/25	Tue 12/21/27
E26158	INITIATION & PROCUREMENT	100%	Mon 11/3/25	Mon 1/26/26
E26158	DESIGN	86%	Mon 1/26/26	Sun 10/4/26
E26158	EASEMENTS/LAND ACQUISITION	0%	Fri 5/15/26	Tue 9/15/26
E26158	CONSTRUCTION	0%	Tue 9/22/26	Mon 12/21/26
E26158	CLOSEOUT	0%	Mon 12/21/26	Tue 12/21/27



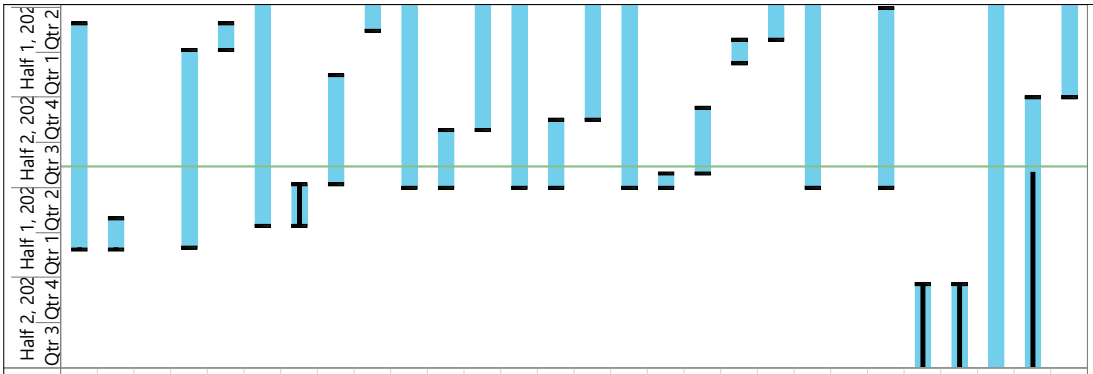
Project: MSD NMC Commitmen
Date: Thu 8/13/26

Task Progress

Page 4

Figure 3.3. NMC Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
E26212	NMC Solids & Floatables Efficacy Evaluation at CSO125 & 150	3%	Thu 2/26/26	Sun 5/30/27
E26212	INITIATION & PROCUREMENT	99%	Thu 2/26/26	Wed 4/29/26
E26212	DESIGN	0%	Sun 3/1/26	Sun 3/1/26
E26212	STUDY PERIOD	0%	Mon 3/2/26	Tue 4/6/27
E26212	CLOSEOUT	0%	Tue 4/6/27	Sun 5/30/27
E26240	SGC Power Reliability Improvements	7%	Wed 4/15/26	Thu 2/8/29
E26240	INITIATION & PROCUREMENT	100%	Wed 4/15/26	Wed 7/8/26
E26240	DESIGN	0%	Wed 7/8/26	Sun 2/14/27
E26240	CONSTRUCTION	0%	Sat 5/15/27	Wed 2/9/28
E27052	MDS Gate 1 Replacement and ORI Inspection	1%	Wed 7/1/26	Thu 5/22/31
E27052	INITIATION & PROCUREMENT	18%	Wed 7/1/26	Mon 10/26/26
E27052	DESIGN	0%	Mon 10/26/26	Thu 3/23/28
E27062	DV-7 Maintenance Access Improvements	0%	Wed 7/1/26	Sun 8/12/29
E27062	INITIATION & PROCUREMENT	0%	Wed 7/1/26	Mon 11/16/26
E27062	DESIGN	0%	Mon 11/16/26	Sun 8/15/27
E27104	Southwest PS VFD Replacement	3%	Wed 7/1/26	Wed 4/26/28
E27104	INITIATION & PROCUREMENT	99%	Wed 7/1/26	Thu 7/30/26
E27104	DESIGN	0%	Thu 7/30/26	Thu 12/10/26
E27104	CONSTRUCTION	0%	Wed 3/10/27	Tue 4/27/27
E27104	CLOSEOUT	0%	Tue 4/27/27	Wed 4/26/28
E27106	4th St FPS Odor Mitigation Study	0%	Wed 7/1/26	Sat 7/31/27
E27106	INITIATION & PROCUREMENT	0%	Wed 7/1/26	Wed 7/1/26
E27106	STUDY PERIOD	0%	Wed 7/1/26	Wed 6/30/27
F15010	Gate 102 Replacement	100%	Fri 1/8/16	Thu 12/18/25
F15010	CLOSEOUT	100%	Sun 11/19/23	Thu 12/18/25
F23052	Flood Gate 114 Replacement	69%	Mon 10/3/22	Fri 12/31/27
F23052	CONSTRUCTION	79%	Mon 1/6/25	Thu 12/31/26
F23052	CLOSEOUT	0%	Thu 12/31/26	Fri 12/31/27



Project: MSD NMC Commitmen
Date: Thu 8/13/26

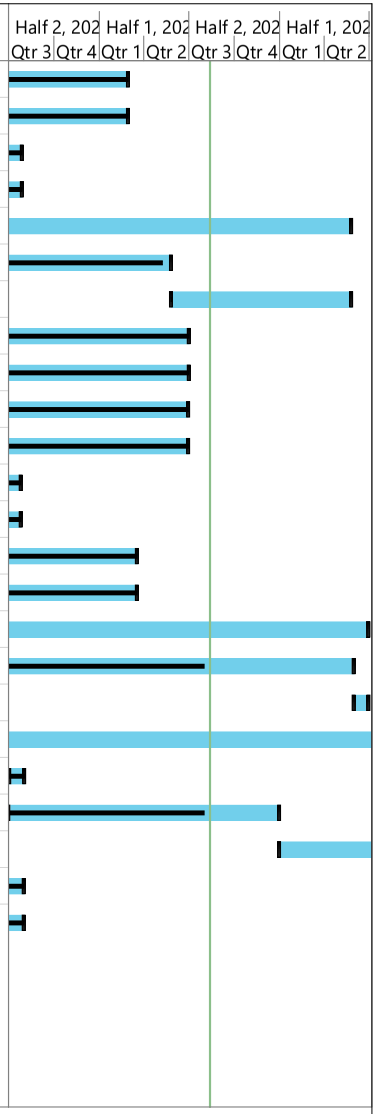
Task

Progress

Page 5

Figure 3.3. NMC Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
F24062	Starkey PS Hydraulic Actuator Replacement	100%	Sat 7/15/23	Sat 2/28/26
F24062	CLOSEOUT	100%	Fri 2/28/25	Sat 2/28/26
H22014	MFWQTC Groundwater Dewatering System Automation	100%	Thu 6/3/21	Mon 7/28/25
H22014	CLOSEOUT	100%	Mon 6/10/24	Mon 7/28/25
H22022	SGC Gate Replacements	83%	Thu 7/1/21	Wed 5/26/27
H22022	CONSTRUCTION	99%	Thu 7/1/21	Tue 5/26/26
H22022	CLOSEOUT	16%	Tue 5/26/26	Wed 5/26/27
H22038	Sneads Branch Pump Replacement	100%	Tue 9/7/21	Wed 7/1/26
H22038	CLOSEOUT	100%	Mon 5/19/25	Wed 7/1/26
H23175	California Maple St Trap Catch Basin Rehab	100%	Tue 2/7/23	Tue 6/30/26
H23175	CLOSEOUT	100%	Mon 6/30/25	Tue 6/30/26
H23179	CSO 140 Outfall Reconstruction	100%	Wed 3/1/23	Fri 7/25/25
H23179	CLOSEOUT	100%	Sat 6/8/24	Fri 7/25/25
H24120	Rowan Pump Station – Air Scour System	100%	Mon 10/2/23	Wed 3/18/26
H24120	CLOSEOUT	100%	Tue 3/18/25	Wed 3/18/26
H25031	Neighborhood Odor Control Catch Basin Inspections	70%	Mon 7/1/24	Wed 6/30/27
H25031	SERVICE PERIOD	71%	Mon 7/1/24	Mon 5/31/27
H25031	CLOSEOUT	0%	Mon 5/31/27	Wed 6/30/27
H25032	Chickasaw Trap Catch Basin Rehab	44%	Mon 7/1/24	Fri 12/31/27
H25032	DESIGN	100%	Thu 7/3/25	Sat 8/2/25
H25032	CONSTRUCTION	72%	Tue 7/1/25	Thu 12/31/26
H25032	CLOSEOUT	0%	Thu 12/31/26	Fri 12/31/27
H25039	ORFM Technology Study	100%	Mon 7/1/24	Thu 7/31/25
H25039	CLOSEOUT	100%	Fri 5/30/25	Thu 7/31/25



Project: MSD NMC Commitmen
Date: Thu 8/13/26

Task Progress

Page 6

Figure 3.3. NMC Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
H25040	Collections System Foul Air Extraction Improvements	0%	Wed 7/1/26	Fri 5/26/28
H25040	INITIATION & PROCUREMENT	0%	Wed 7/1/26	Tue 7/28/26
H25040	DESIGN	0%	Tue 7/28/26	Fri 12/11/26
H25040	CONSTRUCTION	0%	Tue 2/9/27	Thu 5/27/27
H25040	CLOSEOUT	0%	Thu 5/27/27	Fri 5/26/28
H25053	Bells Lane Odor Mitigation - EQ and HRT	51%	Mon 7/1/24	Tue 1/18/28
H25053	DESIGN	100%	Tue 8/13/24	Tue 8/26/25
H25053	CONSTRUCTION	63%	Wed 10/8/25	Mon 1/18/27
H25053	CLOSEOUT	0%	Mon 1/18/27	Tue 1/18/28
H25059	Taylor-Berry Catch Basin Replacement	100%	Mon 7/1/24	Fri 1/1/27
H25059	CONSTRUCTION	100%	Mon 1/6/25	Thu 1/1/26
H25059	CLOSEOUT	100%	Thu 1/1/26	Fri 1/1/27
H25083	Starkey PS Odor Mitigation Chemical Use Assessment	100%	Mon 7/1/24	Tue 5/25/27
H25083	DESIGN	100%	Sat 11/30/24	Mon 10/27/25
H25083	CONSTRUCTION	100%	Fri 12/26/25	Sat 4/25/26
H25083	CLOSEOUT	100%	Sat 4/25/26	Tue 5/25/27
H25227	E. Market St Catch Basin Replacement	100%	Tue 10/1/24	Wed 2/11/26
H25227	CLOSEOUT	100%	Sun 1/12/25	Wed 2/11/26
H25241	W Main St Catch Basin Replacement	100%	Fri 11/1/24	Tue 6/30/26
H25241	CLOSEOUT	100%	Mon 6/30/25	Tue 6/30/26
H25276	Park Hill Neighborhood Catch Basin Replacement Phase 1	3%	Wed 7/1/26	Sat 6/16/29
H25276	INITIATION & PROCUREMENT	33%	Wed 7/1/26	Thu 10/1/26
H25276	DESIGN	0%	Thu 10/1/26	Sat 10/30/27
H25277	Chicksaw Trap Catch Basin Replacement Phase 1	47%	Wed 6/18/25	Tue 12/31/30
H25277	CONSTRUCTION	93%	Wed 6/18/25	Sun 8/30/26
H25277	CLOSEOUT	0%	Sun 8/30/26	Tue 12/31/30

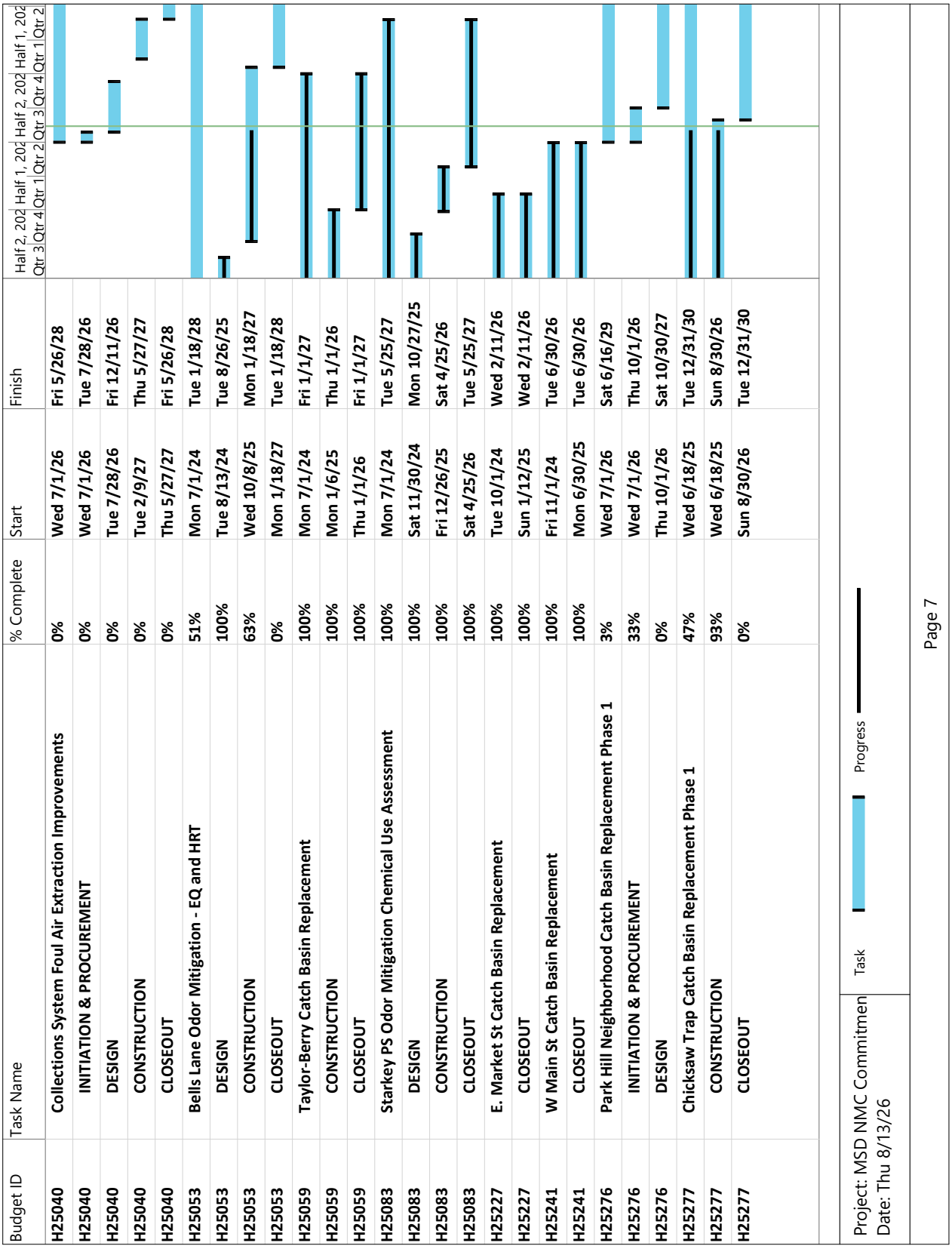


Figure 3.3. NMC Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
H26024	FY26 NMC RTC	100%	Tue 7/1/25	Tue 6/30/26
H26024	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
H26024	SERVICE PERIOD	100%	Tue 7/1/25	Tue 6/30/26
H26024	CLOSEOUT	100%	Tue 6/30/26	Tue 6/30/26
H27021	FY27 NMC RTC	16%	Wed 7/1/26	Fri 7/30/27
H27021	INITIATION & PROCUREMENT	100%	Wed 7/1/26	Wed 7/1/26
H27021	SERVICE PERIOD	17%	Wed 7/1/26	Wed 6/30/27
H27021	CLOSEOUT	0%	Wed 6/30/27	Fri 7/30/27
H27057	FY27 Brick Sewer Repairs	0%	Fri 1/1/27	Wed 6/30/27
H27057	INITIATION & PROCUREMENT	0%	Fri 1/1/27	Fri 1/1/27
H27057	SERVICE PERIOD	0%	Fri 1/1/27	Mon 5/31/27
H27057	CLOSEOUT	0%	Mon 5/31/27	Wed 6/30/27

Section 4: Program Activities for Capacity Management, Operations and Maintenance

Per Paragraph 37.b. of the 2ACD, the CMOM Self-Assessment Report was approved by the EPA/KEEC on August 21, 2006. The approved document can be viewed on the MSD 2ACD website, **msdprojectwin.org**. The 2025 self-assessment of MSD's CMOM program was completed in June 2026 and is available on the MSD 2ACD website. Highlights of CMOM program implementation are outlined below.

4.1. Capacity Management Operations and Maintenance Program Activities

4.1.1. Management Programs

4.1.1.1. Table of Organization

M-A-1 Organizational Chart

The Louisville MSD Organizational Chart is updated every quarter. See Appendix L for the latest version.

M-A-2 Relationship to Other Departments

Recurring Programmatic Activities

- Hired qualified staff to fill vacant positions, including specialty and senior/mid/upper management positions critical to the success of the 2ACD.
- Carried 882 approved positions at the beginning of the reporting period and 885 approved positions at the end of the reporting period. This is an increase of 3 positions.
- Carried 82 vacant positions at the beginning of the reporting period and 73 vacant positions at the end of the reporting period.

4.1.1.2. Training Programs

This section describes MSD's Training Programs. The goal of this program is to ensure employee growth and workplace safety through mandatory training (both initial and ongoing), conference and seminar attendance, certification, accurate record keeping of employee training, and incentives such as pay, promotions and ability to work. All training programs promote MSD's fundamental mission, goals, and policies.

M-B-1 Technical Training

M-B-2 Skills Training

M-B-3 Safety Training

Recurring Programmatic Activities

- Developed competent and capable employees through technical and skills training related to job duties.
- Conducted training for the current reporting period as summarized in Table 4.1, where the session column totals the occurrences of training sessions, and the hours column sums the amount of time for the sessions.
  - Conducted Administrative Training sessions including such topics as New Employee Orientation, Leadership, Records Retention, Supplier Diversity Procurement Procedures, Ethics, PROSCI, MSD Core Services, and Training Tracker.
  - Conducted Collections System Training sessions including such topics as Sewer Overflow Response Protocol, Erosion Prevention & Sedimentation Control, Stormwater Pollution Prevention Plans (SWPPP)

Training, Combined Sewer Overflow (CSO) & Siphon Preventative Maintenance, Sewer Cleaning, and Pipe Laying.

- Conducted Equipment Training primarily including heavy equipment that enables employees to maintain and operate the collections system, pump stations and treatment plants. Examples include training on mini-excavators, sewer cleaners, cranes, forklifts and backhoes.
- Conducted Reporting Training sessions including such topics as PowerBI, Telog, Budget Software, eB basics, and Operations and Regulations (OAR).
- Conducted Safety Training in such areas as Traffic Control, Hearing Protection, Confined Space Entry, Blood Borne Pathogens, Hazmat, Lock Out/Tag Out, and Competent Person training for trenching and excavation. Further information about Safety Training activities can be found in Section 4.1.1.3.
- Conducted Wastewater Operations Training focusing on knowledge and skills related to wastewater treat-ment process and control, including sampling, Louisville Green Management System training, Biosolids, Drum Dryers, Primary Bridge & Pump Operation, and Wastewater Lab Certification Preparation.

Table 4.1. Training Program

TRAINING TYPE	SESSIONS CONDUCTED	TRAINING HOURS CONDUCTED
Administrative	1,422	1,176
Collections System	1,107	1,228
Equipment	437	1,182
Reporting	325	325
Safety	3,471	1,620
Wastewater Operations	94	102

- Implemented employee performance-based goals as a part of the annual appraisal process and utilized performance results to identify additional training needs.
- Maintained eLearning modules.
- Maintained the Utility Program, updating as needed to reflect current equipment and practices.
- Maintained the Management Development Program, adding additional workshops and topics as needed.
- Maintained an apprenticeship program for maintenance mechanics and maintenance electricians.
- Maintained the Commercial Driver's License (CDL) program.

FY26 Reporting Period

- Established Cybersecurity eLearning modules for external learners.
- Developed eLearning modules for Procurement Policy, eSignature Policy, Industrial Waste Department (IWD) Spill Response, Drum Dryer Standard Operating Procedure (SOP) Training, and the Human Re-sources Flood Procedures update.

4.1.1.3. Safety Programs

This section describes MSD's Safety Programs. The goal of this program is to eliminate on-the-job injuries. MSD's Safety Programs include safety committees, confined space entry procedures, district wide safety policies, traffic management, lock out/tag out procedures, and proper use of safety equipment.

M-C-1 Safety Committee

Recurring Programmatic Activities

- Conducted meetings with Safety Committees to discuss safety concerns, injuries, accidents, and close calls. Safety Committees include representatives from across the organization, including the Treatment, Collections System, and Drainage and Flood Protection departments.
- Conducted major and minor facility walkarounds and inspections with Safety Committees to assess for OSHA compliance. Generated inspection reports and distributed to facility staff as necessary to correct deficiencies. Violations are tracked and compiled to assess trends in data.

FY26 Reporting Period

- Developed procedures to ensure Safety Committees have sufficient participation. Defined Safety Committee purpose and activities within the procedures to ensure consistent implementation across the agency.

FY27 Reporting Period

- Refine Safety Committee procedures to ensure relevancy, continuous improvement, and future participation.
- Recruit new members for all Safety Committees to ensure sufficient membership through personnel turnover and promotion.

M-C-2 Confined Space Entry

Recurring Programmatic Activities

- Maintained confined space procedures.
- Utilized the Confined Space trainer to train employees on confined space entries under controllable conditions. This training occurs initially upon hire and annually for staff whose job requires confined space entry, or who work around confined spaces. Health and Safety personnel spot-check operations staff on confined space entries to maintain compliance with 29 CFR 1910.146.
- Maintained entry equipment and personal protective equipment to provide for safe entry conditions and to maintain compliance with 29 CFR 1910.146.
- Advised personnel as needed on the purchase of multi-gas monitors to replace older models that will no longer be maintained or manufactured.
- Assessed confined space monitor calibration status and purchased calibration gas as needed.
- Ensured that "Permit Required Confined Spaces" are properly labeled.
- Contracted with a vendor to conduct annual inspections on confined space entry equipment such as tripods, wenches, and harnesses.

FY26 Reporting Period

- Purchased new gas monitors so all facility staff have personal monitors.

- Upgraded existing and mounted additional fixed monitors at strategic locations at Morris Forman WQTC.
- Purchased new upgraded calibration stations and gases at major facilities to ensure all new monitors are properly calibrated.
- Began development of a confined space inventory across the agency.
- Began drafting a contract to bid out required “Rescue Team” services when making certain permit controlled, confined space entries.
- Performed inspections at physical sites to determine the needs for confined space equipment and fall protection.

FY27 Reporting Period

- Continue development of a confined space inventory with safety assessments for each location.
- Bid the contract for confined space Rescue Team services.
- Continue to recommend confined space and fall protection improvements at all locations.

M-C-3 General Safety Procedures

Recurring Programmatic Activities

- Maintained safety procedures, updating as needed in accordance with industry best practices.
- Conducted annual Emergency Response Team (ERT) fire drills and tornado drills for employees at all major facilities.
- Conducted annual fire extinguisher training for ERT members and union employees.
- Conducted annual audiograms pre-employment and annually for employees who are exposed to an 8-hour time weighted average of 85 decibels.
- Conducted annual training on the OSHA Hazardous Communications Standard with employees who have the potential to work with hazardous materials.
- Conducted annual 8-hour refresher training on hazardous materials for ERT members and employees who have the potential to respond to a hazmat spill or operation.
- Conducted monthly Safety Day Training for union employees and staff with safety training requirements.
- Scheduled and conducted 40-hour HAZ-MAT Technician Level training for newly hired employees in the Treatment, Floodwall, Collections, Sampling and Monitoring, and Industrial Waste Discharge (IWD) departments.
- Required safety orientations with contractors to ensure compliance with MSD & KYOSHA regulations and promote a strong safety culture.
- Maintained the MSD Confined Space, Trenching, lock out/tag out (LOTO) and Fall Protection Safety Programs.
- Replaced current Safety Data Sheets in the MSDS Pro database with updated safety data sheets compliant with the Globally Harmonized System (GHS) standard. This occurs on an annual basis and as new chemicals are brought on site.

FY27 Reporting Period

- Develop overarching Safety Framework for individual safety programs and procedures.

M-C-4 Traffic Management

Recurring Programmatic Activities

- Conducted traffic control training for employees in departments that work in or near traffic ways, including the Fleet, Collections, Treatment, Floodwall, IWD, Sampling and Monitoring, and Construction Inspectors Departments, to ensure continued compliance with MSD standards.
- Inspected traffic control equipment before use, and replaced as needed to ensure compliance with safety standards
- Maintained traffic control procedures and updated training or equipment as needed.

FY26 Reporting Period

- Conducted random job site inspections to determine if traffic control devices were utilized properly.

M-C-5 Lock Out/Tag Out

Recurring Programmatic Activities

- Maintained and communicated lock out/tag out (LOTO) procedures to Maintenance staff, Process Technicians, Electricians, and their supervisors/managers as required by the OSHA Control of Hazardous Energy standard.
- Maintained machine specific procedures.

FY26 Reporting Period

- Began integrating LOTO into a work order application to that all staff has access to machine specific procedures.

FY27 Reporting Period

- Continue integrating LOTO procedures into a work order application.

M-C-6 Safety Equipment

Recurring Programmatic Activities

- Reviewed job functions and hazards and provided required personal protective equipment (PPE) to employees.
- Conducted NFPA 1852 required annual testing and maintenance for self-contained breathing apparatus respirators (SCBAs).
- Maintained safety related equipment, replacing equipment per governing policies or as the need arises.

FY26 Reporting Period

- Obtained capital funding to replace all outdated SCBAs at facilities.

FY27 Reporting Period

- Develop bid to purchase replacement SCBAs.

M-C-7 Performance Measures

Recurring Programmatic Activities

- Maintained safety / worker compensation performance measures for MSD employees during the current reporting period, as detailed in Table 4.2.
- Maintained compliance with OSHA standards.
- Conducted annual training to staff on OSHA required programs and procedures.
- Tracked and assessed all injuries and accidents to establish trends for future training or program modification.

Table 4.2. Safety Incidents and Worker Compensation Claims

PERFORMANCE MEASURE	RESULT
Days Worked (8 Hours)	173,961
Safety Incidents	35
Incidents per Days Worked	0.0002
Worker Comp Claims	70
Worker Comp Claims per Days Worked	0.0004
Days Off due to Work-Related Issues	1,284
Days Off due to Work-Related Issues per Days Worked	0.0074

- Fostered a strong culture of workplace safety.
- Investigated injuries to ensure similar injuries can be prevented from reoccurring by PPE, administrative tactics, or engineering the hazard out to lower OSHA recordable injuries and Lost Time injuries.

FY26 Reporting Period

- Improved the injury tracker to show trends of how injuries occur.
- Began tracking all facility safety audits and inspections for OSHA violations and safety issues. Met with and reported to relevant facility staff to correct defiviencies as needed.
- Began tracking all job site safety inspections to determine trends in deficiencies and possible future training needs.

FY27 Reporting Period

- Continue to determine new metrics for KPIs to continuously improve our safety culture.
- Refine tracking of incidents to assess trends to be addressed and new practices to improve safety at all locations.
- Begin utilizing data to integrate into overarching risk management program.

4.1.1.4. Utility Information Management Systems

This section describes MSD's Utility Information Management System. The goal of this program is to produce quality information regarding sewer system performance. MSD's Utility Information Management System supports the following programs: management, operations, maintenance, complaint management, and performance indicators.

M-D-1 Management Information Management Systems

M-D-2 Operations Information Management Systems

M-D-3 Maintenance Information Management Systems

M-D-4 Complaint Management and Tracking Information Management Systems

M-D-5 Performance Indicators

Recurring Programmatic Activities

- Utilized a wide variety of software to operate the day-to-day business activities associated with wastewater collections, conveyance and treatments. The major Utility Information Management applications are shown in Table 4.3.
- Supported existing custom applications and 3rd party applications.
- Identified online submission opportunities for permitting and licensing processes in OAR.
- Maintained PowerBI dashboards, including performance metrics dashboards, for use across the organization.
- Developed and implemented new workflow and workflow automation in OAR based on asset management program recommendations.
- Maintained SOP documentation to ensure consistency in system maintenance, knowledge retention, and operational continuity.

FY26 Reporting Period

- Continued expansion of OAR Field Inspector Mobile within Operations. Held two trainings for construction inspectors to use the OAR mobile application.
- Began development of migration plan of OAR from single-tenant cloud to multi-tenant cloud environment, including updated system integrations to support scheduling improvements and other Asset Management data needs.
- Deployed a web application to accept customer feedback on service and provide analytics on the data provided.
- Began installation of SAP Analytics Cloud (SAC). SAC will eventually be the new system for financial dash¬boards, KPIs, financial planning, and financial reporting.
- Deployed five new business applications to address evolving operational needs and improve organizational efficiency.
- Improved integration and information sharing across multiple city and partner systems, helping streamline operations and support more efficient service delivery between agencies.
- Developed a secure integration for automated credential management to strengthen cybersecurity controls and reduce manual administrative effort.

Table 4.3. Utility Information Management Applications

UTILITY INFORMATION MANAGEMENT (UIM) APPLICATIONS
AssetWorks
CC&B
Csoft 4
eB/Alim
EGIS
GIS
GPS
GraniteNet
InfoWorks ICM
LabWorks
LINKO
OAR (Operations and Regulations formerly known as IPS - Infor Public Sector)
Optimatics
PowerBI
SAP
SCADA
Sharepoint
Telog

- Implemented functionality that allows batch processing activities to be safely paused and resumed during planned system maintenance, reducing operational risk.
- Established automated monitoring and notification processes for application security credentials to help prevent service interruptions.
- Implemented a code-signing process to improve software security, integrity, and compliance with cybersecurity best practices.
- Resolved issues identified through security and vulnerability assessments to strengthen application security and reduce risk.
- Modernized MSD News, newsletter repositories, and outage communication platforms to improve information access, content management, and user experience.
- Enhanced MSD's capital project management platform to improve project tracking, reporting, and overall user productivity.
- Developed and deployed SAP Fiori applications to streamline business processes and improve the user experience.
- Completed key SAP platform modernization activities by retiring legacy HR components and enabling updated capabilities to streamline operations and improve system efficiency.
- Coordinated with MSD's SAP support vendor to implement enhancements requested by SAP business users, improving system functionality and operational effectiveness across the organization.
- Implemented GIS On Demand, a 24/7 self-service GIS data delivery platform that provides engineers, surveyors, and partner agencies with immediate access to authoritative geospatial data, improving project efficiency, reducing staff processing time, and supporting informed infrastructure planning and decision-making.
- Initiated migration of geospatial data infrastructure from Oracle to SQL Server, completing the development environment transition and establishing the foundation for FY27 production deployment. This modernization effort will reduce long-term operational costs, improve system maintainability, and enhance platform sustainability.
- Upgraded the asset management environment to improve system performance, security, reliability, and support for critical GIS applications used in MSD operations and regulatory programs.
- Migrated geospatial storage from Isilon to NetApp, enhancing data resiliency, storage performance, disaster recovery capabilities, and long-term scalability of critical GIS assets.
- Completed the MSD Sewer Capacity Project, improving sewer network traceability and data accuracy to support capacity management, infrastructure planning, regulatory reporting, and decision making.
- Migrated 64% of GIS custom desktop applications to reduce reliance on legacy technology and position the organization to leverage modern GIS capabilities, enhanced security, and future support.
- Upgraded 26% of GIS custom web applications to the latest software development framework, strengthening application security, maintainability, and compatibility with future GIS platform enhancements.
- Completed the biannual update of service account credentials, strengthening cybersecurity controls and reducing organizational risk through adherence to established security best practices.
- Upgraded all virtual desktops enhancing security, system supportability, and user productivity while maintaining compliance with current technology standards.

FY27 Reporting Period

- Begin migration to multi-tenant cloud, including updated system integrations to support scheduling improvements and other asset management data needs, and contract negotiations. This project will be a multi-year project.
- Implement SAC project
- Implement IG Gateway project
- Complete SAP Economic Inclusion Report Tracking – Phase 1
- Complete enhancements for the SINC-UP application
- Begin Labworks Process Automation
- Implement Fiori apps for Finance
- Upgrade S/4 from version 2022 to 2025
- Migrate Project Central to On-Prem

4.1.1.5. Engineering Programs

This section describes MSD's Engineering CMOM activities. The goal of this program is to maintain accurate plans of current sewer system infrastructure, oversee construction quality of new infrastructure, and conduct assessments to maximize the efficiency of current WQTCs. MSD's engineering programs include the following: collections and transmission system plans, system inventory, mapping, sewer system design, sewer construction, construction inspection, acquisition considerations, continuing sewer system assessment (CSSA), infrastructure rehabilitation, and a system capacity assurance plan (SCAP).

M-E-1 Collection and Transmission System Plans

M-E-2 System Inventory

M-E-3 Mapping

MSD has an extensive collection of record drawings of the sewer facilities dating back to 1874. In addition to the original record drawings, scanned images are stored in eB/Alim, MSD's records management system. Plans are scanned twice during a project life cycle – once when the project is approved for construction and a second time when the plans are made "as-built" after construction completion. After a set of plans has been constructed, the facilities are created in GIS and the attributes of the facilities are stored in a corresponding asset record in the OAR database. Map corrections are also obtained during asset inspection activities.

Recurring Programmatic Activities

- Scanned proposed and as-built construction plan sets from 191 projects into eB/Alim this reporting period.
- Added and updated data in the GIS and asset management software programs based on new construction drawings and feedback from MSD field personnel. This reporting period, added 1,026 sewer service lateral records and 15.82 miles of sewer assets.
- Updated the GIS sewershed layer as projects are completed to support SCAP implementation.
- Maintained routine audits and QA/QC methods to ensure data accuracy. Corrected 13 sewer errata during the current reporting period.

M-E-4 Sewer System Design

Recurring Programmatic Activities

- Maintained the MSD Design Manual, Standard Specifications, and Drawings.
- Provided AutoCAD templates, including AutoCAD 3D templates, on the MSD public website, for use by private firms as well as in-house design.

FY26 Reporting Period

- Continued to finalize revisions to the MSD Design Manual, Standard Specifications, and Drawings..

FY27 Reporting Period

- Publish board-approved updates to the MSD Design Manual, Standard Specifications, and Drawings.

M-E-5 Sewer Construction

M-E-6 Construction Inspection

Recurring Programmatic Activities

- Utilized the design engineer as the engineer of record or resident project representative (RPR) on significant capital projects.
- Performed construction inspection activities in-house and supplemented with contract inspection as needed.
- Maintained the Construction Inspector Field Handbook.
- Held the Qualified Post-Construction Inspector (QPCI) training course, which includes a 4-hour training course and qualifying exam. All green infrastructure projects are required to submit an annual inspection by a QPCI to verify continued on-site stormwater management.

FY26 Reporting Period

- Reviewed and proposed revisions to the Construction Inspector Field Handbook in accordance with updates to the MSD Design Manual, Standard Specifications, and Drawings.

FY27 Reporting Period

- Continue review and revisions of the Construction Inspector Field Handbook.

M-E-7 Acquisition Considerations

Recurring Programmatic Activities

- Monitored expenditures related to professional services and construction.

FY26 Reporting Period

- Financed capital expenditures of $265,815,987
- Committed professional services funds of $45,101,024.76.
- Committed construction funds of $82,452,662.15.

FY27 Reporting Period

- Budget for capital expenditures up to $270,000,000.

M-E-8 Continuing Sewer System Assessment

Recurring Programmatic Activities

- Performed acoustic inspections as a prescreening for gravity pipe under 15 inches in diameter before refer-ral for CCTV inspection.
- Completed cleaning and inspection in the SSS as scheduled in OAR, as shown in Table 4.4.

Table 4.4. Continuing Sewer System Assessment Activities

ACTIVITY	LINEAR FEET
CHEMICAL ROOT CONTROL	64,936
CLEANING ACTIVITIES	1,385
INSPECTION ACTIVITIES	11,051,870

M-E-9 Infrastructure Rehabilitation

Refer to Section 2: Program Activities for Discharge Abatement Plans for more details on infrastructure rehabilitation projects identified in the IOAP. Refer to Section 7: Program Activities for Asset Management (AM) for rehabilitation projects not specifically identified in the IOAP.

M-E-10 System Capacity Assurance Program

MSD's System Capacity Assurance Plan (SCAP) was approved February 5, 2015. A copy of the approved SCAP can be viewed on the MSD Project WIN website, **msdprojectwin.org.**

Recurring Programmatic Activities

- Collected formula-based defect inspection of sewer lines in various sewersheds across the county. This information is being used to prioritize cleaning and rehabilitation efforts that will remove inflow and infiltration from the system and create capacity credits.
- Tracked pump station capacities, reviewed drawdown testing results and identified action items pertaining to deficiencies. Critical results of this effort are being documented on each asset within the OAR system.
- Submitted credit catchment ledgers to the Kentucky Division of Water (KDOW) and EPA as part of 2ACD reports.
- Reviewed wastewater capacity requests from private development as shown in Table 4.5. A running SCAP balance by sewershed can be found in Appendix M.
- Generated inflow and infiltration reduction projects and calculated related capacity credits.
- Updated WQTC capacities and tracked new development flows.

Table 4.5. SCAP Wastewater Capacity Request Reviews

RESULT	REVIEWS	FLOW (GAL/DAY)
CONDITIONALLY APPROVED	460	9,667,336
APPROVED	47	202,987
DENIED	1	43,600

- Maintained credit calculation protocols and tracking in OAR.
- Maintained the procedures for documentation of rehabilitation and the calculation of SCAP credits
- Updated SCAP areas as needed based on pump station elimination projects that have been completed.
- Monitored capacity request reporting for opportunities to improve.
- Monitored credit balances and created credit projects as needed.
- Maintained a Private Property Illicit Discharge Program (PPIDP) to address illicit connections from private property, such as sump pumps connected to the separate sewer system. This reporting period, inspected 486 potential illicit connections. 29 sump pump connections were verified and 3 illicit connections were disconnected from the system.
    - This reporting period, discontinued the voluntary Plumbing Modification Program (PMP) for customers who have experienced wet-weather backups. This program installed backflow prevention devices and disconnected any sump pump, downspout, or floor drain connections from the sewer system. Provided 76 properties with backflow prevention devices before the program was discontinued on December 22, 2025. MSD has funded over 20,000 backflow prevention installations since 1992 through this program. Protec-tion against backflow of sewage is required under the Kentucky State Plumbing Code. While backflow prevention devices are no longer offered through the PMP program in Jefferson County, voluntary down-spout and sump pump disconnections are still eligible for reimbursement throughout MSD's service area.

4.1.1.6. Sanitary Sewer Overflow Reporting and Notification Program

This section describes MSD's SSO Reporting and Notification Program. The goal of this program is to maintain accurate, up to date records of SSOs and to ensure proper, timely notification of the agencies and organizations through unpermitted discharge reporting, SSO notification and tracking.

M-F-1 Unauthorized Discharge Reporting

Refer to Section 1: Project Waterway Improvements Now (WIN) Performance Overview for detailed information.

M-F-2 Sanitary Sewer Overflow Notification

M-F-3 Tracking Sanitary Sewer Overflows

Refer to Section 5: Program Activities for Sewer Overflow Response Protocol for detailed information.

4.1.1.7. Financing and Cost Analysis Program

This section describes MSD's Financing and Cost Analysis Program. The goal of this program is to provide a detailed cost analysis for both the capital and operational costs of MSD for use in future budgeting and decision making.

M-G-1 Operations Cost

M-G-2 Maintenance Cost

M-G-3 Capital Improvement Funding

M-G-4 Management Programs Cost

M-G-5 Life Cycle Cost

M-G-6 Budget and Customer Rate Setting

FY26 Reporting Period

Budget performance is shown in Table 4.6. Reported amounts for the program are estimated, unaudited financial results.

Table 4.6. Financing and Cost Analysis Program Performance

PERFORMANCE MEASURE	BUDGET	ACTUAL
Operating Revenue Growth	1.40%	0.06%
Operating Revenue	$468,260,879	$467,694,000
Wastewater / Stormwater Revenue	$465,273,000	$459,094,864
Investment Income	$21,981,000	$24,900,361
Senior Debt Service Coverage Ratio	1.96x	2.15x
Total Operating Expenses	$221,486,068	$203,677,467
Total Capital Expenses	$321,221,000	$265,815,987

FY27 Reporting Period

- Set the operating budget at $233,439,601 and the capital budget at $270,000,000.

4.1.1.8. Equipment and Tools Management and Maintenance Program

This section describes MSD's Equipment and Tools Management Programs. The goal of this program is to facilitate efficient repair and support of MSD's sewer systems through an accurate spare parts inventory, a timely equipment maintenance schedule, vehicle repair, and needed tools and supplies.

M-H-1 Spare Parts Inventory Management

M-H-2 Equipment and Tools Repair Management

Recurring Programmatic Activities

- Maintained SOPs describing tooling inspection processes.

FY26 Reporting Period

- Created a serialized program in SAP to track and monitor equipment and tools.
- Continued development of a capital spare parts process with MSD Engineering and Operations Divisions.
- Continued Phase I and Phase II of the Capital Spare Parts Program; helping Operations manage the identity, quantity, location, and tracking of Capital Spares from Capital Projects, adding transparency and monetary controls for monitoring leftover spares.

FY27 Reporting Period

- Complete Phase I and II of the Capital Spare Parts Program.

M-H-3 Vehicle Repair

MSD's vehicle repair maintenance program addresses over 932 assets, including automobiles, trucks, trailers, construction equipment (excavators, backhoes, mobile cranes, etc.), and specialty sewer maintenance equipment. 2ACD reports specifically address maintenance issues related to the grouping of Mission Critical Equipment (MCEs) that were identified as being essential to meeting commitments related to NMC and CMOM activities, including catch basin cleaners (mechanical clamshell type), high-pressure sewer flusher / jetter trucks, tele-inspection vehicles, and combination vacuum sewer / catch basin cleaner trucks.

Recurring Programmatic Activities

- Monitored equipment and work order data using the AssetWorks Fleet Management Information System Reports to analyze and target areas where improvement is needed and to plan future replacements.

- Monitored preventive maintenance (PM) schedules to ensure they remain within industry standards, specifically addressing the operating environment of all MCE increasing the frequency of PM performed to improve availability to the operating division.
- Continued efforts associated with the One Water Initiative with Louisville Water Company (LWC) to capitalize on fleet services opportunities to realize cost savings while better serving our customers and increasing levels of service to the community. Remained in conversations with both MSD and LWC union leadership regarding opportunities to capitalize on shared resources.
- Monitored and reported availability and turnaround time of MCE and fleet targeting each equipment type's overall average goals. Metrics include measures for availability and shop turnaround time as shown in Table 4.7.
- Analyzed capital purchasing needs, including the evaluation of MCE for replacement.

Table 4.7. Mission Critical Equipment and Fleet Performance Measures

PERFORMANCE MEASURE	GOAL	RESULT
MCE Availability	80.0%	90.9%
Fleet Availability	95.0%	96.7%

FY26 Reporting Period

- Evaluated all MCE for replacement with the following actions taken:
  - Tele-Inspection Vehicles: Upon competitive bid and contract award, ordered and placed in service two new units to replace aging equipment and improve availability.
  - Combo Jetter / Vac Truck: Upon competitive bid and contract award, ordered and placed in service one new unit to replace aging equipment and improve availability.
- Scheduled and completed Phase I and II of factory training on Cummins engines for technicians.
- Scheduled and completed Bendix Air Brake training, Flusher hose repair and replacement training,and in house Vaccon operations and maintenance training for technicians.
- Began phase one of technician training at Vaccon factory.
- Built a new PM program for MCEs to follow including chassis, body, and component manufacturers recommendations and proper intervals for each equipment class.

FY27 Reporting Period

- Evaluate all MCE for replacement with the following actions to be taken:
  - Combo Jetter / Vac Truck: Upon competitive bid and contract award, order and place in service two new units to replace aging equipment and improve availability.
  - Road Plate Knuckle Boom Crane Truck: Upon competitive bid and contract award, order and place in service two new units to replace aging equipment and improve availability.
- Complete Vaccon factory training for 6-8 technicians.

M-H-4 Supplies Management

Recurring Programmatic Activities

- Conducted weekly meetings with departments for improved customer service, inventory management of critical spare parts, reorganization of new storeroom locations, and PPE/safety upgrades.
- Maintained SOPs related to storeroom and supply management.
- Maintained supplies inventory.

FY26 Reporting Period

- Began Phase II of the Radio Frequency Identification (RFID) pilot program, which includes exploring software programs to interface with SAP to improve asset visibility and automate inventory-related notifications.
- Explored S4 for cradle-to-grave tracking of repairs, usage, and refurbished and capital assets that belong to major fixed assets.
- Updated SOP and Obsolete Parts Work Instruction to track new changes, monitor, document, and track usage of unused or discontinued parts for proper disposal aligned with the Asset Disposal Procedures.
- Created a Refurbished Parts Work Instruction to track refurbished goods for repair, usage, and on-hand needs.

FY27 Reporting Period

- Continue Phase II of the RFID pilot program.

4.1.1.9. Customer Service Programs

This section describes MSD's Customer Service Programs. The goal of this program is to strengthen and maintain a healthy relationship between MSD and the public through service programs which include complaint management, public information and public education.

M-I-1 Customer Service

M-I-2 Public Information

M-I-3 Public Education

Recurring Programmatic Activities

- Mailed 153 Project WIN and Plumbing Modification Program packets of information or applications during this reporting period to customers who call with questions about the Amended Consent Decree – specifically regarding overflows, discharges, plumbing modification and the surcharge fee. Plumbing Modification Programs packets and applications were not distributed after the program was discontinued, as described in M-E-10 System Capacity Assurance Program.
- Maintained usage of a customer service portal for customers to submit service requests online, **eservice.louisvillemsd.org.** This reporting period, received 864 chats from customers.
- Maintained usage of a multi-language call line and received 206 calls during the current reporting period using this service. This service provides translation services in over 240 languages, 24 hours, 7 days a week.
- Received 8,284 service requests through email during the current reporting period.
- Table 4.8 illustrates the number of calls accepted and answered by MSD Customer Relations Specialists. The monthly average number of calls accepted and answered for FY26 was 3,026 and 3,015 respectively.

Table 4.8. Customer Service Call Data

PERFORMANCE MEASURE	GOAL	RESULT
Calls Received		36,313
Calls Abandoned*		131
Abandoned Call Rate	5%	0.36%

4.1.1.10. Legal Support Programs

The following support programs are included in this section: inter-jurisdictional agreement, ordinances, pre-treatment legal support, grease control legal support, service laterals legal support, septic tank haulers legal support, and "Call Before You Dig" legal support.

M-J-1 Inter-Jurisdictional Agreement

M-J-2 Ordinances

M-J-3 Pretreatment

M-J-4 Grease Control

M-J-5 Service Laterals

M-J-6 Septic Tank Haulers Legal Support

M-J-7 "Call Before You Dig"

Recurring Programmatic Activities

The MSD legal department provides a variety of legal services designed to support MSD in its efforts to implement programs to abate sanitary sewer overflows. The services most directly related to this effort include:

- Participated in and/or provided legal advice and other functions pertaining to the procurement of construction and professional service contractors to provide services and/or perform work in furtherance of IOAP -related projects.
- Participated in the acquisition of properties and/or property interests (easements and/or fee simple ownership) critical to the completion of IOAP-related sewer construction projects. The department's participation has included assisting in the negotiation and structuring of purchase and sale agreements, drafting acquisition related documents, drafting easements, title research, and performing or providing oversight of the closing of acquisition transactions, as well as initiating legal proceedings to acquire property through eminent domain.
- Provided support and assistance to the Development & Stormwater Services department in the negotiation and preparation of green infrastructure and long-term maintenance agreements.
- Provided support, assistance and counsel to regulatory programs and enforcement actions brought under the Wastewater Stormwater Discharge Regulations, Hazardous Materials Ordinance, and Erosion Prevention and Sediment Control Ordinance.

4.1.1.11. Water Quality Monitoring Programs

This section describes MSD's Water Quality Monitoring Program. The goal of this program is to maintain an accurate, consistent record of water quality in receiving bodies of water. Monitoring results are used to determine the effect of effluent discharge and/or spills through the following monitoring programs: routine water quality, investigative water quality, and water quality monitoring for spill impact. Water Quality monitoring data is also assessed and provided in the Water Quality Synthesis Report.

M-K-1 Routine Water Quality Monitoring Programs

M-K-2 Investigative Water Quality Monitoring

M-K-3 Water Quality Monitoring for Spill Impact

Recurring Programmatic Activities

MSD has aggressively pursued a watershed management approach that relies heavily on an established water quality monitoring program. The program has an extensive in-stream monitoring effort for streams and for emergency spill responses. In addition to 2ACD and CMOM, the following activities are also included in the MS4 permit and follow that 5-year permit cycle for consistency:

- Maintained ambient monitoring at Long Term Monitoring Network (LTMN) locations across Jefferson County to monitor multiple physical and biological indicator parameters.
    - Monitoring for pH, conductivity, temperature, dissolved oxygen, and stream flow are collected continuously (every fifteen minutes). Two locations, Lexington Road and Brown Park, also continuously collect turbidity.
    - Biological sampling and/or evaluation for algae, fish, habitat, and benthic macroinvertebrates is currently conducted every two years.
    - Sampling for Total Suspended Solids (TSS), E. coli, total nitrogen, total oil and grease, copper, and pH is currently conducted on a quarterly basis and during wet weather monitoring.
    - Recreational contact monitoring for E. coli is conducted weekly from May through October, as well as quarterly and during wet weather monitoring.
    - Wet weather monitoring is conducted for three storm events over a five-year cycle at all ambient locations.
- Conducted Combined Sewer Overflows (CSOs)/Significant Industrial Users (SIUs) point sampling, which monitors the risk of water quality impairment to discharges associated with SIUs and General Discharge Permits through the NMC 3 Pretreatment Program.
- Conducted CSO flow monitoring within the combined sewer system to provide improved data input into hydraulic models.

Additional information on these programs is provided in Section 2.5.3. Stream Flow and Water Quality Monitoring.

4.1.1.12. Contingency Plan for Sewer and Treatment Plant

This section describes MSD's Contingency Plan for the wastewater collection and treatment system. The goal of this program is to provide a protocol for emergency responses and notification. The following elements are included in this section: contingency planning process, response flow diagram, public notification plan, agency notification plan, emergency flow control plan, emergency operations and maintenance plan, preparedness training program, water quality monitoring plan, and Sewer Overflow Response Protocol (SORP). The SORP requires training for all MSD employees.

M-L-1 Contingency Planning Process

M-L-2 Response Flow Diagram

Recurring Programmatic Activities

- Maintained disaster response protocols, the Emergency Response Plan, and the Business Continuity Plan in alignment with organizational role changes.
- Updated the Incident Management Team (IMT) structure as needed. The IMT is the Chain of Operations structure that is initiated in preparation for or in response to an event which causes deviation from mission essential business functions.

FY26 Reporting Period

- Finalized the Catastrophic Urban Flood Plan (CUFP). The CUFP is a Louisville/State Emergency Plan that is owned and maintained by MSD.
- Submitted disaster reimbursement for flooding events in February and April of 2025.
- Documented the Operations Fuel Use and Storage Plan, which documents and provides long-term planning for the use of outside fuel energy resources.
- Implemented a Disaster Reimbursement Workflow.
- Collaborated with Metro Public Health and Wellness to generate a Point of Distribution Plan which defines how MSD receives and distributes medical countermeasures to employees.
- Continue planning efforts towards adding redundant communication paths to provide improved network resiliency for key sites.

FY27 Reporting Period

- Continue to submit disaster reimbursement for the April 2025 flooding event.
- Conduct Emergency Preparedness Training and Exercises. These subjects will be Flood Exercise, Biosolids Exercise, and Incident Command Training.
- Create an internal Emergency Notification List.
- Finalize the Operations Fuel Use and Storage Plan..

M-L-3 Public Notification Plan

M-L-4 Agency Notification Plan

Refer to Section 5: Program Activities for Sewer Overflow Response Protocol for more details on public and agency notifications.

M-L-5 Emergency Flow Control Plan

M-L-6 Emergency Operations and Maintenance Plan

Recurring Programmatic Activities

- Maintained operational emergency response SOPs.
- Maintained the Unexpected Events Communication Plan.

M-L-7 Preparedness Training

Refer to 4.1.1.2. Training Programs for details on training for emergency response procedures.

M-L-8 Water Quality Monitoring Plan

Refer to Sections 2.5. Post-Construction Compliance Monitoring (PCCM) and 4.1.1.11. Water Quality Monitoring Programs for more details on the MSD Water Quality Monitoring Plan.

M-L-9 Sewer Overflow Response Protocol

Refer to Section 5: Program Activities for Sewer Overflow Response Protocol for details on MSD's SORP program.

4.1.2. Operations Programs

4.1.2.1. Pump Station Operations Programs

This section describes MSD's Pump Station Operation Programs. The goal of this program is to maintain pump stations for optimal use during routine and emergency operations through well documented operating procedures.

O-A-1 Routine Operating Programs

O-A-2 Emergency Operating Programs

Recurring Programmatic Activities

- Reviewed and updated, as needed, the U.S. Army Corps of Engineers (USACE) Flood Operations and Maintenance Manual based on USACE and staff review comments. The manual is continuously under review as MSD completes both LTCP and NMC programmatic activities.
- Determined capital project priorities and the budgetary needs related to flood protection system pump stations during regular meetings with MSD Operations and Engineering staff. These priorities are reflected in the project schedules in Figure 4.1.
- Replaced telemetry panels as needed at pump stations with outdated processors, at risk of submergence, or with multiple PLC or communications failures.
- Maintained backup power access at critical pump stations.

FY26 Reporting Period

- Replaced 21 sanitary pumps in the collections system. Repaired or rehabilitated an additional 44 pumps throughout the collections system.
- Replaced pumps, bases, electrical service, and the pump control panel at Valley Village PS.
- Replaced pumps, bases piping, valving and electrical upgrades at Hazelwood PS and Newburg Road PS.

- Ordered all materials to replace all three pumps, bases, piping, and valves at Glen Oaks PS.
- Performed major repair of a failed generator at Harrods Creek PS.
- Continued the Pump Station Safety Rail Installation Project
- Replaced all discharge piping at Westover PS with new stainless steel pipe.
- Installed an isolation valve on manifolded Lakelet Way PS force main.
- Installed new electrical junction boxes at the Transylvania Beach PS wet well above flood level.
- Installed a new electrical service and control panel at Fox Harbor #2 PS.
- Repaired Fox Harbor #1 PS after a tree fell on the control panel during a storm.
- Upgraded the SCADA panel and electrical service at North Locust Basin PS.
- Installed new electrical service, generator, transfer switch and control panel at Tree Line PS.
- Replaced pump bases at Dove Lake PS.
- Replaced both pumps, bases and discharge piping at Riding Ridge PS.
- Replaced both pump bases and guide rail systems at Hillsdale PS.
- Replaced check valves at the following locations: Old Brownsboro Crossing, Diode Ct, East Rockford, Old Brownsboro Place, Piccadilly, Carslaw Ct, Hillsdale, Barbour Ln
- Replaced Isolation valves at the following locations: Piccadilly, Hillsdale.

4.1.2.2. Pretreatment Program

This section describes MSD's Pretreatment Programs. The goal of this program is to protect MSD's sewer system and treatment plants by requiring industrial users to pretreat their effluent to required levels through industrial user permitting, inspection, sampling and enforcement.

O-B-1 Industrial User Permit

O-B-2 Inspection

O-B-3 Sampling Enforcement

Additional information related to the MSD Pretreatment Program for the combined sewer system can be found in Section 3.3. NMC 3: Review and Modification of Pretreatment Requirements.

Recurring Programmatic Activities

- Administered pretreatment limitations at Hite Creek, Floyds Fork, Derek R. Guthrie and Morris Forman WQTCs.
- Administered the Dental Amalgam Program (DAP) for MSD service areas and identified new dental office(s) that can submit a one-time compliance dental amalgam report.

FY26 Reporting Period

- Received state approval of EPA's Cross-Media Electronic Reporting Rule on February 16, 2026. This will allow utilization of third-party software and online submission of self-monitoring report data from permitted industries.

FY27 Reporting Period

- Develop an SOP for the EPA's Cross-Media Electronic Reporting Rule for online submittal and send to all industrial users.

4.1.2.3. Corrosion Controls Program

This section describes MSD's Corrosion Controls Program. The goal of this program is to extend the life of MSD's sewer system by controlling the corrosive effects of hydrogen sulfide (H2S) and other corrosive chemicals in the system through inspection, control measures, monitoring, and performance measures.

O-C-1 Inspection

O-C-2 Control Measures

O-C-3 Monitoring

O-C-4 Performance Measures

Hydrogen sulfide is a serious problem for the structural integrity of the collection system, as well as a nuisance to the public due to odor. In most instances, it is possible to mitigate odor complaints without addressing corrosion concerns.

Recurring Programmatic Activities

- Cleaned MSD facilities to minimize impact of corrosion and odors. Completed 89 cleaning work orders on the collection system this reporting period.
- Enhanced asset review and documentation by further defining service request responsibilities related to odor complaints.
- Contracted with professional engineering services to assist MSD with odor control for the collection system, regional WQTCs, and Ohio River Force Main (ORFM).
- Monitored and evaluated gravity lines within the collections system through the CSSA/Blockage Abatement Program using the corrosion indexes.
- Reviewed underground tank pump station sites, which may be susceptible to corrosion. Projects include application of epoxy coatings for corrosion control and calcium nitrate for H_2S elimination.

FY26 Reporting Period

- Executed a new Full Service Odor Control Contract.
- Partnered with a professional services provider to streamline and improve the Odor Control program as needed.
- Installed a direct injection chemical feed system utilizing machine learning technology at Grand Avenue Pump Station.

FY27 Reporting Period

- Maintain a Full Service Odor Control Contract.
- Partner with a professional services provider to streamline and improve the Odor Control program as needed.

4.1.2.4. Grease Trap Inspection and Enforcement Program

This section describes MSD's Grease Trap Inspection and Enforcement Programs. The goal of this program is to reduce the amount of fats, oils and grease (FOG) that enter MSD's sewer system and treatment plants through permitting, inspection, enforcement, performance measures, and the FOG program.

O-D-1 Permitting

O-D-2 Inspection

O-D-3 Enforcement

O-D-4 Performance Measures

O-D-5 Fats, Oils and Grease Program

Recurring Programmatic Activities

- Conducted inspections at food service establishments (FSEs) and issued enforcement actions as appropriate for violations of the MSD Wastewater/Stormwater Discharge Regulations.
    - Issued 705 enforcement actions to include Field Correction Notices (FCNs), Notices of Violation (NOVs) and Correction Notices (CNs) to FSEs requiring action(s) to prevent and/or eliminate grease blockages in MSD's collections system. The enforcement actions required FSEs to install and/or modify and service grease control equipment, with additional requirements to submit documentation of installations, service and/or modifications.
- Conducted 65 Plan Review Final Release and 66 First Release reviews and 101 general inspections to ensure proper grease control equipment was installed at new and/or modified FSEs.
- Mailed FOG residential public service notifications as described in Section 6.1.3.
- Conducted four Certified Grease Waste Hauler (CGWH) training classes for haulers servicing grease control equipment within MSD's service area. Grease haulers from various MSD Certified Grease Waste Hauler facilities participated and received certification cards collectively. Classes were held on July 15, 2025, February 16, 2026, February 24, 2026, and June 2, 2026. CGWHs as well as master and journeyman plumbers that service or repair grease traps or grease interceptors within MSD's service area are required to participate and receive approval to service grease control equipment. FSEs in MSD's service area must only utilize MSD's CGWHs or plumbers that have obtained the appropriate certification. There were six (6) CGWH that participated in training with a total of 21 individual haulers receiving CGWH certifications.
- Tracked FOG removal by CGWHs.
    - Collectively, 4,356,243 gallons of FOG were removed from grease control equipment maintained by area FSEs during the reporting period.
    - Collectively, MSD's 27 CGWHs in Jefferson County serviced and documented over 8,000 grease control equipment activities.
- Distributed public education and outreach materials to inform the public regarding MSD's FOG program and how to properly dispose of FOG.
- Analyzed FOG program performance measures by utilizing software programs such as Linko Technology and OAR to routinely monitor FSE's service records and enforcement requirements. Collaborated with a consultant to update recorded data through the use of Power BI Teams Dashboard.

FY26 Reporting Period

- Continued development of inspection processes to include highly concentrated FSE areas to be routinely evaluated for proper installation, maintenance, and documentation.
- Activated an enforcement process to address FSE's that have no pump out records or history of maintaining grease control equipment.
- Incorporated a schedule review of grease control equipment pumping and certification reports and initiated plans to identify FSEs that do not comply with MSD pumping and certification requirements. MSD has developed an escalated enforcement action plan for appropriate non-compliance FSEs.

FY27 Reporting Period

- Review areas with a high concentration of FSEs to prioritize concentrated inspections.
- Identify "hot spots" within the collection system that require additional oversight due to high risk of grease blockages based on historical records of grease blockages or non-compliance by a significant number of FSEs in localized areas.
- Enhance response protocol to monthly recommend enforcement actions and fines for FSEs that are delinquent for over 90 days.
- Develop plan to review and inspect pump stations that have been impacted by or demonstrate an intermittent problem with FOG.

4.1.2.5. New Connection Tap-In Program

This section describes MSD's New Connection Tap-In Program. The goal of this program is to ensure that future connections do not compromise the capacity of the receiving treatment plant. The program is implemented using a new service tap approval process, inspection, enforcement, and performance measures for new connections to existing sewers and increased flow on existing service connection locations. All new service connections are installed by contractors and inspected by MSD representatives.

All new and changes to wastewater discharge volumes are reviewed through MSD's SCAP process. Developers are required to submit proposed flows to MSD's system and those flows are traced through MSD's infrastructure to identify lack of system capacity. Where capacity in the system exists, capacity requests are approved for 90 days. Where capacity does not exist, upgrades to infrastructure are undertaken or the capacity request is not approved.

O-E-1 Installation of New Service Taps

O-E-2 Inspection

O-E-3 Enforcement

O-E-4 Performance Measures

O-E-5 Other

Recurring Programmatic Activities

- Reviewed projects for available capacity through SCAP program. Refer to Table 4.5 for details regarding new flow approved through the SCAP process this reporting period.
- Inspected installation of new property service connections (PSCs) on existing MSD's sewers. During this reporting period, 81 PSCs were installed.

4.1.2.6. Flow Monitoring Field Operation Programs

This section describes MSD's Flow Monitoring Field Operation Programs. The goal of this program is to provide accurate flow data for use in evaluating various aspects of MSD's sewer system. Flow is monitored at both permanent and temporary stations.

O-F-1 Permanent Stations

O-F-2 Temporary Stations

Refer to Section 2.5.3. Stream Flow and Water Quality Monitoring for details on water quality monitoring efforts.

4.1.2.7. Septic Tank Haulers Program

MSD does not accept septic tank waste. This is handled through private contractors in Jefferson County.

4.1.2.8. "Call Before You Dig" Program

This section describes MSD's "Call Before You Dig" Program. The goal of this program is to prevent the damaging or cutting of sewer lines and other MSD assets and subsequent spills through permitting, inspection, enforcement, and performance measures.

O-H-1 Permitting

O-H-2 Inspection

O-H-4 Performance Measures

Recurring Programmatic Activities

- Contracted with a locating company to locate requests within the MSD service area. The contract is set up to handle Louisville Water Company (LWC) requests as well (invoiced separately). Invoices totaled $1,505,950.71 for 122,519 locate requests to identify MSD facilities during the reporting period.
- Contracted with the KY 811 (BUD Center) for underground utility information call center services. Invoices totaled $174,263.60 for 124,474 requests to the BUD Center for the marking of other utilities during this reporting period.

O-H-3 Enforcement

Enforcement is handled by the Commonwealth of Kentucky.

4.1.3. Maintenance Programs

4.1.3.1. Pump Station Preventive Maintenance

This section describes MSD's Pump Station Structured Maintenance program. The goal of this program is to prevent unanticipated repairs and subsequent down-time by providing scheduling, staff, and records to perform routine, preventive pump station maintenance. Electrical, mechanical, and physical maintenance are included in this section.

S-A-1 Electrical Maintenance

S-A-2 Mechanical Maintenance

S-A-3 Physical Maintenance

Recurring Programmatic Activities

- Ensured collaboration between Engineering and Operations staff, designers, and contractors to incorporate changes to the system with the elimination of non-regional WQTCs and the design and construction of CSO storage basins and their associated pump stations and diversion structures as required by the IOAP.
- Performed structured maintenance for sanitary pump stations as shown in Table 4.9. This measure also includes structured maintenance at flood pump stations in the CSS.
- Maintained SOPs, training, and reporting related to subsequent repairs.
- Trained Vertical Assets Maintenance staff annually to use the OAR asset management system to track pump station work orders as well as associated pump station assets.

Table 4.9. Sanitary PS Structured Maintenance

PERFORMANCE MEASURE	GOAL	RESULT
Sanitary PS Structured Maintenance Completion Rate	84.0%	99.4%

4.1.3.2. Force Main Preventive Maintenance

This section describes MSD's Force Main Preventive Maintenance program. The goal of this program is to prevent unanticipated repairs and subsequent down-time by providing scheduling, staff, and records to perform routine, preventive force main maintenance. The maintenance programs include walking the force main alignment to find cave-ins and air relief valve inspections.

S-B-1 Air Release Valves

S-B-2 Valve Exercise Program

Recurring Programmatic Activities

- Conducted the Annual Force Main Program evaluation and completed inspections on force mains listed in Table 4.10, covering 240,535 linear feet. Each inspection consisted of inspecting wet wells, valve vaults, air release valves, and discharge manholes; pumping out access vaults to lube, grease and exercise cross-connections; and observing the ground above the lines for evidence of pipe failure below ground.
- Inspected and rehabilitated 177 air release valves (ARVs) in the Collection System.
- Initiated corrective work orders for defects found on other assets during inspections.

Table 4.10. Force Main Inspections

FORCE MAIN	INSPECTED LENGTH (FT)
BARBOUR LANE FM	1,885
BRITTANY WOODS FM	705
CARSLAW COURT FM	1,943
CITY HALL FM	811
COVERED COVE FM	3,683
CROSSTIMBERS FM	1,331
DEEP TRAIL FM	950
DOVE LAKE FM	7,829
EASTWOOD-FISHERVILLE FM	12,089
FANCY GAP FM	2,612
FONTAINE ESTATES FM	190
GLENVIEW HILLS FM	393
GRAND AVENUE FM	26,967
HARRODS CREEK FM	26,099
HARRODS GLEN FM	4,148
HARRODS VIEW #1 FM	687
HARRODS VIEW #2 FM	966
HILLVIEW FM	1,199
KY22 FM	1,190
MEADOW STREAM FM	28,978
MIMICH FM	1,819
MOUNT WASHINGTON FM	19
MUD LANE FM	1,550
NAPA RIDGE FM	1,923
NEW CUT ROAD FM	411
ORFM	79,180
PROVIDENCE COURT FM	1,971
REHL ROAD FM	10,942
RIVERS EDGE FM	2,461
SANCTUARY BLUFF FM	1,354
SHAKES RUN FM	4,623
STONE LAKES FM	2,044
SUNLIGHT FM	1,846
TERRA CROSSING FM	3,334
WATERSTONE FM	2,334
WOODLAND-BARBER FM	19
WOODSONG FM	50

4.1.3.3. Gravity Line Preventive Maintenance

This section describes MSD's Gravity Line Preventive Maintenance program. The goal of this program is to reduce infiltration and increase efficiency of the gravity line system through routine cleaning, root control, and manhole preventive maintenance.

S-C-1 Routine Hydraulic Cleaning

S-C-2 Routine Mechanical Cleaning

S-C-3 Root Control Program

S-C-4 Manhole Preventive Maintenance

Refer to 4.1.1.5. Engineering Programs for details on gravity line preventive maintenance efforts.

4.1.3.4. Equipment and Collections System Maintenance

S-D-1 Equipment Maintenance

Equipment and vehicle maintenance is discussed in detail in 4.1.1.8. Equipment and Tools Management and Maintenance Program.

4.2. Comprehensive Performance Evaluations and Composite Correction Plans (CPE/CCP)

Under the 2ACD, MSD implemented a Comprehensive Performance Evaluation (CPE) and Composite Correction Plan (CCP) program for MSD's Water Quality Treatment Centers (WQTCs). Per Paragraphs 12 and 13 of the 2ACD, MSD timely submitted all program submittals and eliminated required WQTCs by December 31, 2015, as required. Although the ACD CPE/CCP improvements are completed, MSD will continue to implement CPE/CCP activities as part of the MSD's CMOM program. This section will list performance measures established for the WQTCs and activities per WQTC as they occur each reporting period. Schedules for CPE/CCP related capital projects are provided in 4.3. CMOM Activity Schedule.

4.2.1. All Water Quality Treatment Centers

MSDs policy is to operate WQTCs in full compliance with the permitted effluent water quality standards. However, circumstances sometimes arise that may cause WQTCs to exceed the permitted effluent limits. This reality is recognized by the National Association of Clean Water Agencies (NACWA), which gives awards at different levels based on the number of effluent parameter exceedances during the calendar year:

- Silver – Five or fewer exceedances per year
- Gold – Zero exceedances per year
- Platinum – Zero exceedances per year for five consecutive years

Based on past operating history, MSD has established the target goal for all regional treatment centers of working towards receiving at least the NACWA Silver Award. All four operational regional WQTCs have achieved a minimum of the NACWA Silver Award goal since FY22 as shown in Table 4.11 with one exception for Derek R. Guthrie WQTC (DRGWQTC) in FY25. DRGWQTC did not receive a Peak Performance Award for calendar year 2025 due to extreme weather events in February and April 2025.

Table 4.11. Regional WQTC Permit Compliance

PLANT NAME	FY	EXCEEDANCES	MONTHS COMPLIANT
CEDAR CREEK	FY22	0	12
CEDAR CREEK	FY23	0	12
CEDAR CREEK	FY24	1	11
CEDAR CREEK	FY25	0	12
CEDAR CREEK	FY26	1	11
DEREK R. GUTHRIE	FY22	2	10
DEREK R. GUTHRIE	FY23	0	12
DEREK R. GUTHRIE	FY24	0	12
DEREK R. GUTHRIE	FY25	16	8
DEREK R. GUTHRIE	FY26	0	12
FLOYDS FORK	FY22	0	12
FLOYDS FORK	FY23	0	12
FLOYDS FORK	FY24	2	11
FLOYDS FORK	FY25	4	9
FLOYDS FORK	FY26	0	12
HITE CREEK	FY22	0	12
HITE CREEK	FY23	0	12
HITE CREEK	FY24	3	10
HITE CREEK	FY25	1	11
HITE CREEK	FY26	0	12

Recurring Programmatic Activities

- Performed structured maintenance for WQTCs as shown in Table 4.12. Additional emphasis and planning have been conducted to improve performance.
- Tracked exceedances at the regional WQTCs.

Table 4.12. WQTC Structured Maintenance

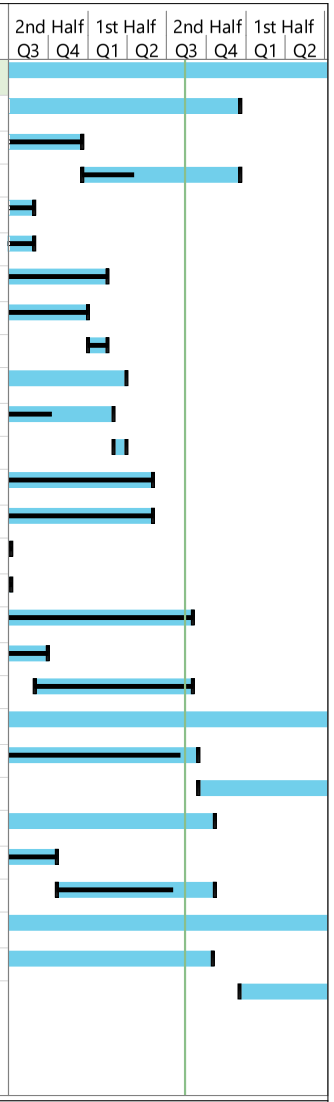
PERFORMANCE MEASURE	GOAL	RESULT
WQTC Structured Maintenance Completion Rate	84.0%	90.6%

4.3. CMOM Activity Schedule

A Gantt chart including progress of CMOM projects during the reporting period can be found in Figure 4.1.

Figure 4.1. CMOM Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
	MSD CMOM Commitments Schedule	**60%**	**Wed 7/1/20**	**Fri 11/18/33**
A24133	West Goose Creek PS Rehabilitation	89%	Mon 11/27/23	Sat 12/19/26
A24133	CONSTRUCTION	100%	Thu 2/1/24	Fri 12/19/25
A24133	CLOSEOUT	71%	Fri 12/19/25	Sat 12/19/26
A25101	FY25 PSC Program Support	100%	Mon 7/1/24	Sat 8/30/25
A25101	CLOSEOUT	100%	Mon 6/30/25	Sat 8/30/25
A25271	Beulah Crossings Excess Cost	100%	Tue 11/26/24	Sun 2/15/26
A25271	CONSTRUCTION	100%	Mon 1/6/25	Thu 1/1/26
A25271	CLOSEOUT	100%	Thu 1/1/26	Sun 2/15/26
A25278	Hunters Hollow Excess Cost	56%	Sat 3/1/25	Tue 3/31/26
A25278	SERVICE PERIOD	60%	Sat 3/1/25	Sun 3/1/26
A25278	CLOSEOUT	0%	Sun 3/1/26	Tue 3/31/26
A25303	Sunset Circle PS Elimination Excess Cost	100%	Mon 4/7/25	Sun 5/31/26
A25303	CLOSEOUT	100%	Sat 5/31/25	Sun 5/31/26
A25304	4706 Rossmoor Emergency Repair	100%	Fri 4/4/25	Tue 7/8/25
A25304	CLOSEOUT	100%	Fri 5/16/25	Tue 7/8/25
A25307	Air Recycling Chamber Decommissioning	100%	Fri 4/4/25	Mon 8/31/26
A25307	CONSTRUCTION	100%	Tue 5/20/25	Tue 9/30/25
A25307	CLOSEOUT	100%	Sun 8/31/25	Mon 8/31/26
D18090	CCWQTC Solids Dewatering Facility	70%	Thu 12/1/22	Mon 12/27/27
D18090	CONSTRUCTION	92%	Wed 3/5/25	Sun 9/13/26
D18090	CLOSEOUT	0%	Sun 9/13/26	Mon 12/27/27
D18132	DRGWQTC WWPS WWSB HVAC & Roof and U3 & U4 Transformer I	94%	Wed 9/1/21	Wed 10/21/26
D18132	CONSTRUCTION	100%	Sat 6/17/23	Tue 10/21/25
D18132	CLOSEOUT	81%	Tue 10/21/25	Wed 10/21/26
D20008	Kirby Lane Pump Station Elimination	67%	Fri 7/15/22	Sat 11/11/28
D20008	DESIGN	94%	Mon 1/9/23	Fri 10/16/26
D20008	CONSTRUCTION	0%	Thu 12/17/26	Wed 10/13/27



Project: MSD CMOM Commitm
Date: Thu 8/13/26

Task

Progress

Page 1

Figure 4.1. CMOM Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
D20149	CCWQTC Admin Building Expansion	81%	Wed 8/10/22	Sun 5/2/27
D20149	CONSTRUCTION	100%	Mon 8/12/24	Fri 5/15/26
D20149	CLOSEOUT	40%	Sun 3/15/26	Sun 5/2/27
D20351	Floyds Fork Interceptor	48%	Wed 7/1/20	Fri 11/18/33
D20351	DESIGN	68%	Mon 8/17/20	Fri 6/1/29
D20351	EASEMENTS/LAND ACQUISITION	53%	Sat 4/1/23	Sat 6/30/29
D21079	Fairmount Road Pump Station Force Main Extension - Phase 2	74%	Tue 6/1/21	Tue 11/23/27
D21079	DESIGN	100%	Mon 9/20/21	Thu 7/10/25
D21079	CONSTRUCTION	85%	Mon 9/29/25	Thu 9/24/26
D21079	CLOSEOUT	0%	Thu 9/24/26	Tue 11/23/27
D21230	DRG RAS Pumps 2 and 3 Replacement	100%	Wed 5/5/21	Thu 4/30/26
D21230	CONSTRUCTION	100%	Mon 10/24/22	Tue 9/30/25
D21230	CLOSEOUT	100%	Mon 2/17/25	Thu 4/30/26
D22080	DRG Clarifier 4-6 Mechanism Update	83%	Sat 5/1/21	Sun 5/30/27
D22080	CONSTRUCTION	100%	Mon 2/5/24	Sat 5/30/26
D22080	CLOSEOUT	25%	Sat 5/30/26	Sun 5/30/27
D22098	CCWQTC Re-rating to 9_0 MGD	82%	Fri 10/1/21	Sat 7/31/27
D22098	CONSTRUCTION	100%	Thu 3/9/23	Wed 4/1/26
D22098	CLOSEOUT	23%	Wed 4/1/26	Sat 7/31/27
D22213	CCWQTC Tertiary Filtration	84%	Wed 11/3/21	Sat 5/15/27
D22213	CONSTRUCTION	100%	Mon 1/22/24	Fri 11/28/25
D22213	CLOSEOUT	46%	Fri 11/28/25	Sat 5/15/27
D24009	AI Aquasight Software at HCWQTC and FFWQTC	100%	Wed 11/1/23	Fri 10/31/25
D24009	SOFTWARE INSTALL	100%	Fri 5/3/24	Wed 10/1/25
D24009	CLOSEOUT	100%	Wed 10/1/25	Fri 10/31/25
D24015	CCWQTC UV Improvements	74%	Sat 7/1/23	Sat 7/17/27
D24015	CONSTRUCTION	100%	Mon 10/21/24	Thu 12/25/25
D24015	CLOSEOUT	36%	Thu 12/25/25	Sat 7/17/27

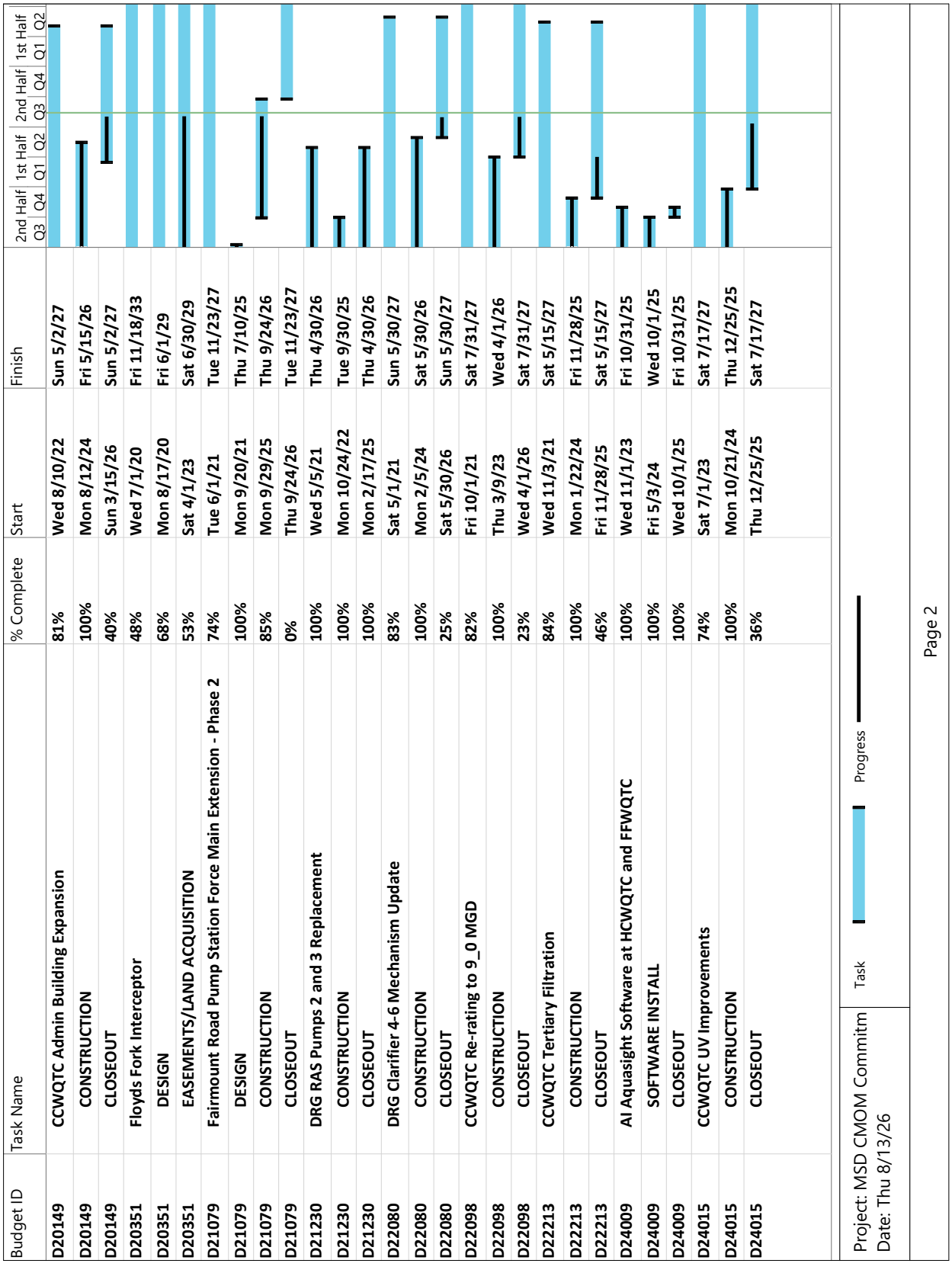
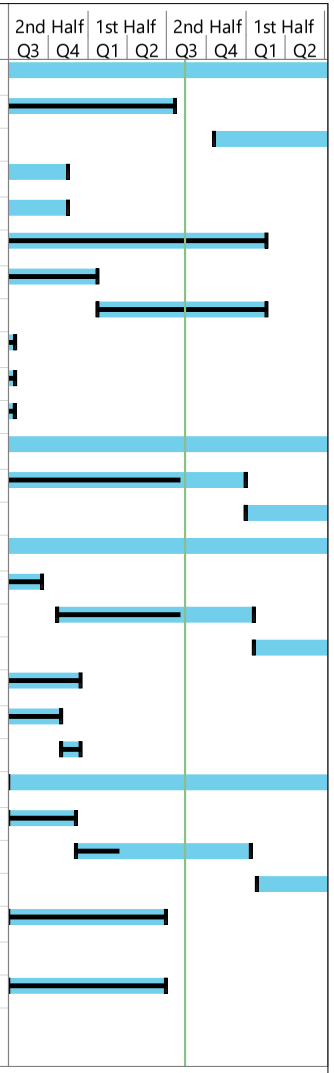


Figure 4.1. CMOM Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
D24038	HCWQTC Sludge Screens	52%	Sat 7/1/23	Wed 7/4/29
D24038	DESIGN	100%	Mon 12/11/23	Tue 7/21/26
D24038	CONSTRUCTION	0%	Mon 10/19/26	Tue 7/4/28
D24045	Regional WQTC Controls Upgrades	88%	Sat 7/1/23	Sun 11/16/25
D24045	CLOSEOUT	75%	Sat 11/16/24	Sun 11/16/25
D24106	CCWQTC South Electrical Service	100%	Fri 9/1/23	Wed 2/17/27
D24106	CONSTRUCTION	100%	Mon 5/20/24	Fri 1/23/26
D24106	CLOSEOUT	100%	Fri 1/23/26	Wed 2/17/27
D25023	CCWQTC Sludge Storage Blower Upgrade	100%	Mon 7/1/24	Wed 7/16/25
D25023	DESIGN	100%	Wed 1/15/25	Wed 7/16/25
D25023	CLOSEOUT	100%	Mon 6/16/25	Wed 7/16/25
D25055	DRGWQTC Raw Water PS Pump Rebuild	56%	Mon 7/1/24	Thu 12/30/27
D25055	CONSTRUCTION	81%	Fri 11/1/24	Wed 12/30/26
D25055	CLOSEOUT	0%	Wed 12/30/26	Thu 12/30/27
D25056	DRGWQTC Process Water Pump Filter System	53%	Mon 7/1/24	Wed 1/19/28
D25056	DESIGN	100%	Thu 5/15/25	Wed 9/17/25
D25056	CONSTRUCTION	62%	Wed 10/22/25	Tue 1/19/27
D25056	CLOSEOUT	0%	Tue 1/19/27	Wed 1/19/28
D25279	FFWQTC Orbital Upgrades	100%	Thu 2/13/25	Mon 12/15/25
D25279	CONSTRUCTION	100%	Mon 2/17/25	Fri 10/31/25
D25279	CLOSEOUT	100%	Fri 10/31/25	Mon 12/15/25
D26002	DRGWQTC Sludge Screens	26%	Tue 7/1/25	Thu 1/25/29
D26002	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Thu 12/4/25
D26002	DESIGN	49%	Thu 12/4/25	Tue 1/12/27
D26002	CONSTRUCTION	0%	Tue 1/26/27	Wed 1/26/28
D26029	FY26 Vertical Infrastructure Rehab - Regional WQTC	100%	Tue 7/1/25	Tue 6/30/26
D26029	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
D26029	SERVICE PERIOD	100%	Tue 7/1/25	Tue 6/30/26
D26029	CLOSEOUT	100%	Tue 6/30/26	Tue 6/30/26



Project: MSD CMOM Commitm
Date: Thu 8/13/26

Task

Progress

Page 3

Figure 4.1. CMOM Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
D26053	FY26_27 Regional WQTC Controls Upgrades	52%	Tue 7/1/25	Fri 7/30/27
D26053	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
D26053	SERVICE PERIOD	54%	Tue 7/1/25	Wed 6/30/27
D26053	CLOSEOUT	0%	Wed 6/30/27	Fri 7/30/27
D26065	DRGWQTC WWPS Automation	35%	Tue 7/1/25	Sat 4/29/28
D26065	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Fri 8/1/25
D26065	CONSTRUCTION	57%	Fri 8/1/25	Fri 4/30/27
D26065	CLOSEOUT	0%	Fri 4/30/27	Sat 4/29/28
D26066	DRGWQTC Substations U1_U2 Replacement	12%	Tue 7/1/25	Wed 12/24/31
D26066	INITIATION & PROCUREMENT	55%	Tue 7/1/25	Wed 4/15/26
D26172	DRGWQTC Raw Water Pump Station Upgrade Study	74%	Fri 11/21/25	Sat 10/24/26
D26172	INITIATION & PROCUREMENT	100%	Fri 11/21/25	Wed 3/25/26
D26172	STUDY PERIOD	71%	Wed 3/25/26	Wed 9/23/26
D26172	CLOSEOUT	0%	Thu 9/24/26	Sat 10/24/26
D26242	FFWQTC Sludge Storage Tank Improvements	58%	Sat 7/1/23	Mon 7/17/28
D26242	DESIGN	100%	Thu 12/7/23	Tue 3/31/26
D26242	CONSTRUCTION	14%	Wed 6/3/26	Sun 7/18/27
D27026	FY27 Vertical Infrastructure Rehab - Regional WQTC	16%	Wed 7/1/26	Fri 7/30/27
D27026	INITIATION & PROCUREMENT	100%	Wed 7/1/26	Wed 7/1/26
D27026	SERVICE PERIOD	17%	Wed 7/1/26	Wed 6/30/27
D27026	CLOSEOUT	0%	Wed 6/30/27	Fri 7/30/27
D27069	CCWQTC Influent PS Pump Hoist	1%	Wed 7/1/26	Sat 7/26/31
D27069	INITIATION & PROCUREMENT	13%	Wed 7/1/26	Wed 12/30/26
D27069	DESIGN	0%	Wed 12/30/26	Sat 5/27/28
D27072	DRGWQTC Clarifier 1-6 Inlet Gate Actuator Replacement	1%	Wed 7/1/26	Sat 7/26/31
D27072	INITIATION & PROCUREMENT	13%	Wed 7/1/26	Wed 12/30/26
D27072	DESIGN	0%	Wed 12/30/26	Sat 5/27/28

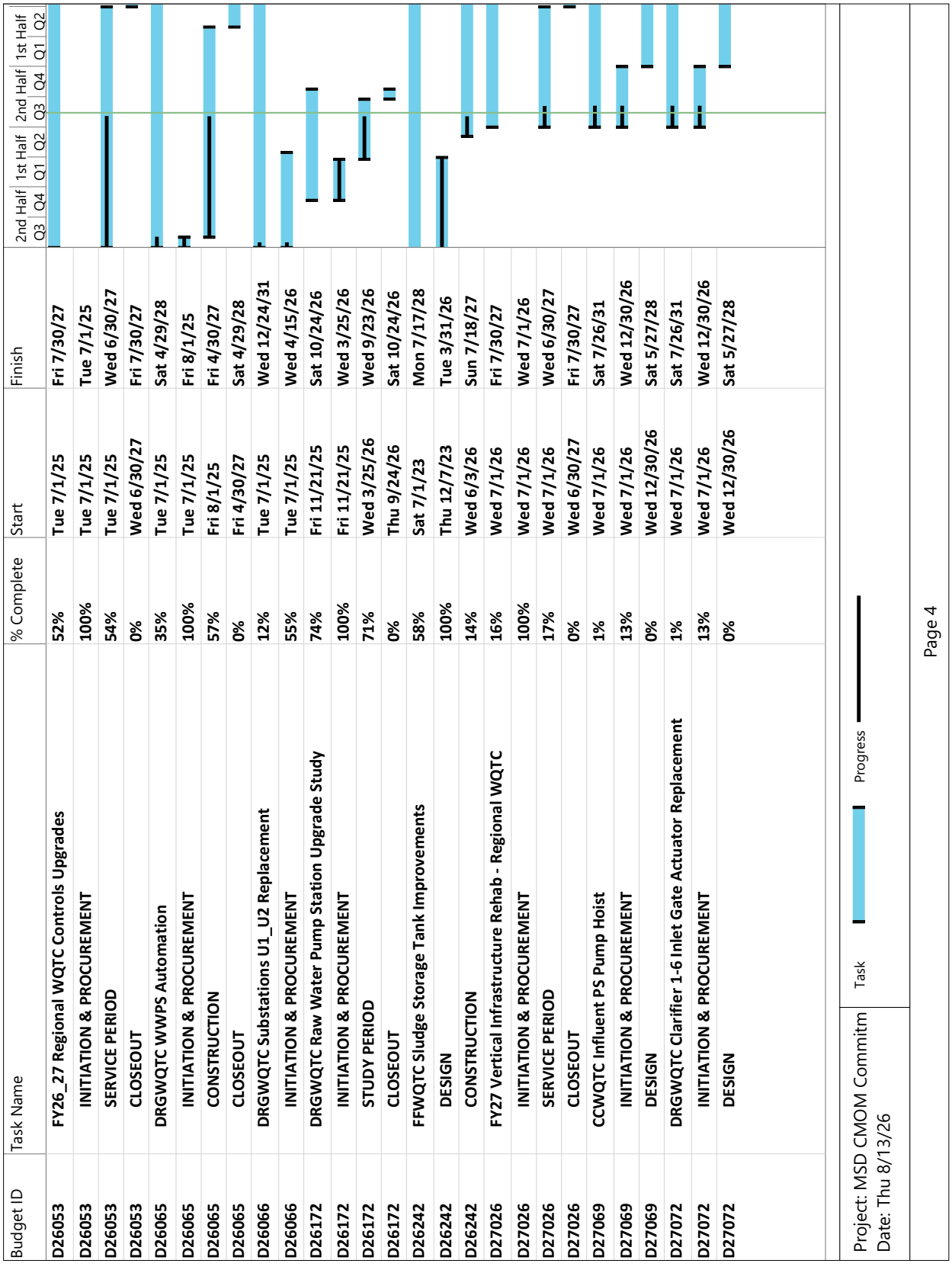
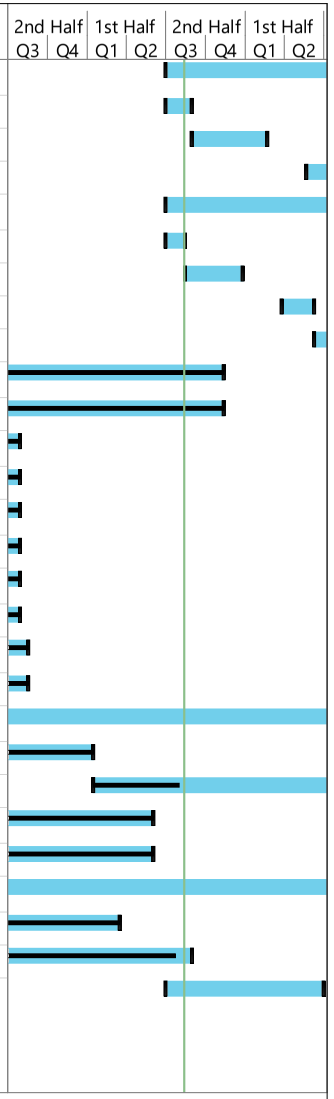


Figure 4.1. CMOM Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
D27096	HCWQTC Nitrate Pump Hoist	2%	Wed 7/1/26	Wed 10/18/28
D27096	INITIATION & PROCUREMENT	34%	Wed 7/1/26	Sun 8/30/26
D27096	DESIGN	0%	Sun 8/30/26	Sun 2/21/27
D27096	CONSTRUCTION	0%	Sat 5/22/27	Tue 10/19/27
D27097	FFWQTC Orbital Safety and Automation	3%	Wed 7/1/26	Thu 6/8/28
D27097	INITIATION & PROCUREMENT	50%	Wed 7/1/26	Sat 8/15/26
D27097	DESIGN	0%	Sat 8/15/26	Sat 12/26/26
D27097	CONSTRUCTION	0%	Fri 3/26/27	Wed 6/9/27
D27097	CLOSEOUT	0%	Wed 6/9/27	Thu 6/8/28
E15035	Lake Forest Pump Station Eliminations	100%	Mon 7/5/21	Thu 11/12/26
E15035	CLOSEOUT	100%	Fri 6/13/25	Thu 11/12/26
E21027	FY25 CMOM Gravity Line Cleaning & Inspection	100%	Mon 7/1/24	Wed 7/30/25
E21027	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25
E21029	FY25 Linear Infrastructure Rehabilitation Program	100%	Mon 7/1/24	Wed 7/30/25
E21029	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25
E21031	FY25 CMOM SCAP, AAM, FOG	100%	Mon 7/1/24	Wed 7/30/25
E21031	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25
E21071	Wathen Lane PS Rehabilitation	100%	Wed 7/1/20	Mon 8/18/25
E21071	CLOSEOUT	100%	Sun 6/30/24	Mon 8/18/25
E22223	Lantana Drive Pump Station No 1 Elimination	84%	Tue 6/7/22	Sat 7/31/27
E22223	CONSTRUCTION	100%	Mon 11/4/24	Wed 1/14/26
E22223	CLOSEOUT	37%	Wed 1/14/26	Sat 7/31/27
E24017	Cypress Springs PS Elimination	100%	Sat 7/1/23	Wed 6/3/26
E24017	CLOSEOUT	100%	Thu 5/1/25	Wed 6/3/26
E24026	Fox Harbor 1 & 2 and Deep Trail Pump Station Eliminations	63%	Sat 7/1/23	Fri 6/30/28
E24026	DESIGN (PROJECT ON HOLD)	100%	Mon 10/2/23	Tue 3/17/26
E24026	EASEMENTS/LAND ACQUISITION	95%	Fri 5/10/24	Mon 8/31/26
E24026	CONSTRUCTION	0%	Wed 7/1/26	Thu 7/1/27



Project: MSD CMOM Commitm
Date: Thu 8/13/26

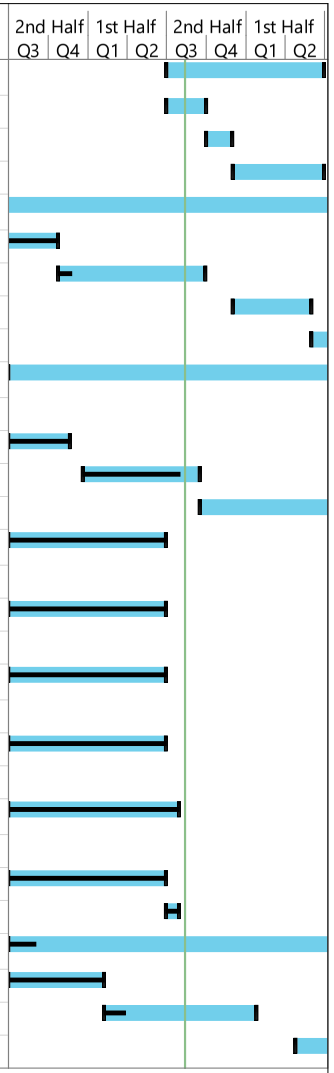
Task

Progress

Page 5

Figure 4.1. CMOM Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
E25211	Grand Avenue Force Main Odor Mitigation Improvements	8%	Wed 7/1/26	Wed 6/30/27
E25211	INITIATION & PROCUREMENT	32%	Wed 7/1/26	Thu 10/1/26
E25211	DESIGN	0%	Thu 10/1/26	Mon 11/30/26
E25211	CLOSEOUT	0%	Tue 12/1/26	Wed 6/30/27
E25311	Muddy Fork Generator Replacement	46%	Thu 5/15/25	Wed 5/31/28
E25311	INITIATION & PROCUREMENT	100%	Thu 5/15/25	Fri 10/24/25
E25311	DESIGN	92%	Fri 10/24/25	Tue 9/29/26
E25311	CONSTRUCTION	0%	Tue 12/1/26	Tue 6/1/27
E25311	CLOSEOUT	0%	Tue 6/1/27	Wed 5/31/28
E25313	Mellwood PS Generator Replacement	36%	Tue 7/1/25	Thu 9/16/27
E25313	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
E25313	DESIGN	100%	Tue 7/1/25	Thu 11/20/25
E25313	CONSTRUCTION	83%	Sat 12/20/25	Wed 9/16/26
E25313	CLOSEOUT	0%	Wed 9/16/26	Thu 9/16/27
E26007	FY26 Linear Assets RR	100%	Tue 7/1/25	Tue 6/30/26
E26007	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
E26007	SERVICE PERIOD	100%	Tue 7/1/25	Tue 6/30/26
E26007	CLOSEOUT	100%	Tue 6/30/26	Tue 6/30/26
E26010	FY26 Linear Infrastructure Rehab	100%	Tue 7/1/25	Tue 6/30/26
E26010	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
E26010	SERVICE PERIOD	100%	Tue 7/1/25	Tue 6/30/26
E26010	CLOSEOUT	100%	Tue 6/30/26	Tue 6/30/26
E26028	FY26 Vertical Infrastructure Rehab - Collections	100%	Tue 7/1/25	Thu 7/30/26
E26028	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
E26028	SERVICE PERIOD	100%	Tue 7/1/25	Tue 6/30/26
E26028	CLOSEOUT	100%	Tue 6/30/26	Thu 7/30/26
E26060	Barbour Ln PS Improvements	24%	Tue 7/1/25	Mon 4/23/29
E26060	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Fri 2/6/26
E26060	DESIGN	52%	Fri 2/6/26	Sun 1/24/27
E26060	CONSTRUCTION	0%	Sat 4/24/27	Sun 4/23/28



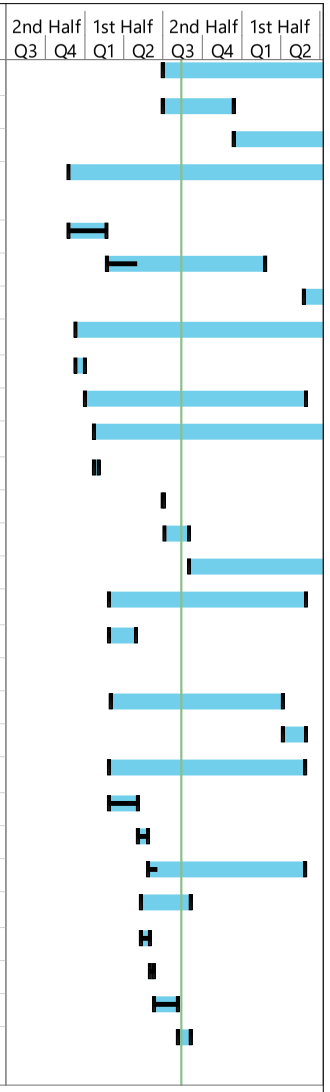
Project: MSD CMOM Commitm
Date: Thu 8/13/26

Task

Progress

Figure 4.1. CMOM Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
E26153	Chamberlain Lane PS Diversion	0%	Wed 7/1/26	Wed 5/8/30
E26153	INITIATION & PROCUREMENT	0%	Wed 7/1/26	Sun 12/13/26
E26153	DESIGN	0%	Sun 12/13/26	Wed 5/10/28
E26157	West Goose Creek FM ARVs Replacement and Site Access Improvements	24%	Mon 11/24/25	Sat 10/21/28
E26157	INITIATION & PROCUREMENT	100%	Mon 11/24/25	Fri 2/20/26
E26157	DESIGN	49%	Sat 2/21/26	Wed 2/24/27
E26157	CONSTRUCTION	0%	Tue 5/25/27	Fri 10/22/27
E26162	Collections & Flood Protection Pump Station Fall Prevention Impro	0%	Wed 12/10/25	Sat 3/17/29
E26162	INITIATION & PROCUREMENT	0%	Wed 12/10/25	Thu 1/1/26
E26162	DESIGN	0%	Thu 1/1/26	Sun 5/30/27
E26180	Lantana PS Elimination Excess Cost	0%	Thu 1/22/26	Tue 8/31/27
E26180	INITIATION & PROCUREMENT	0%	Thu 1/22/26	Mon 2/2/26
E26180	DESIGN	0%	Wed 7/1/26	Sat 7/4/26
E26180	CONSTRUCTION	0%	Sun 7/5/26	Mon 8/31/26
E26180	CLOSEOUT	0%	Mon 8/31/26	Tue 8/31/27
E26211	Smart Cover Pilot for Collections Wet Weather Modeling	3%	Thu 2/26/26	Sun 5/30/27
E26211	INITIATION & PROCUREMENT	99%	Thu 2/26/26	Wed 4/29/26
E26211	DESIGN	0%	Sun 3/1/26	Sun 3/1/26
E26211	STUDY PERIOD	0%	Mon 3/2/26	Tue 4/6/27
E26211	CLOSEOUT	0%	Tue 4/6/27	Sun 5/30/27
E26219	Camp Taylor Sewer Trench Pavement Repairs	26%	Thu 2/26/26	Fri 5/28/27
E26219	INITIATION & PROCUREMENT	100%	Thu 2/26/26	Mon 5/4/26
E26219	CONSTRUCTION	100%	Mon 5/4/26	Thu 5/28/26
E26219	CLOSEOUT	22%	Thu 5/28/26	Fri 5/28/27
E26243	Park Place Pump Station Platform	72%	Mon 5/11/26	Fri 9/4/26
E26243	INITIATION & PROCUREMENT	100%	Mon 5/11/26	Mon 6/1/26
E26243	DESIGN	100%	Mon 6/1/26	Wed 6/10/26
E26243	CONSTRUCTION	100%	Thu 6/11/26	Wed 8/5/26
E26243	CLOSEOUT	0%	Wed 8/5/26	Fri 9/4/26



Project: MSD CMOM Commitm
Date: Thu 8/13/26

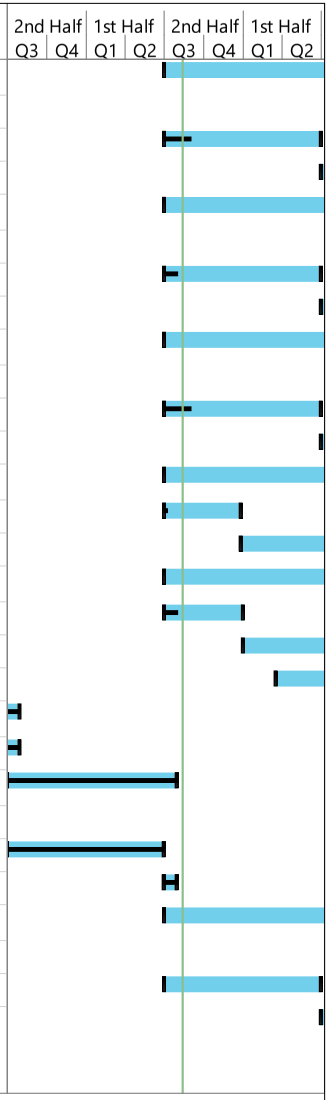
Task

Progress

Page 7

Figure 4.1. CMOM Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
E27005	FY27 Linear Assets RR	16%	Wed 7/1/26	Fri 7/30/27
E27005	INITIATION & PROCUREMENT	100%	Wed 7/1/26	Wed 7/1/26
E27005	SERVICE PERIOD	17%	Wed 7/1/26	Wed 6/30/27
E27005	CLOSEOUT	0%	Wed 6/30/27	Fri 7/30/27
E27008	FY27 Linear Infrastructure Rehabilitation Program	8%	Wed 7/1/26	Fri 7/30/27
E27008	INITIATION & PROCUREMENT	100%	Wed 7/1/26	Wed 7/1/26
E27008	SERVICE PERIOD	8%	Wed 7/1/26	Wed 6/30/27
E27008	CLOSEOUT	0%	Wed 6/30/27	Fri 7/30/27
E27025	FY27 Vertical Infrastructure Rehab - Collections	16%	Wed 7/1/26	Fri 7/30/27
E27025	INITIATION & PROCUREMENT	100%	Wed 7/1/26	Wed 7/1/26
E27025	SERVICE PERIOD	17%	Wed 7/1/26	Wed 6/30/27
E27025	CLOSEOUT	0%	Wed 6/30/27	Fri 7/30/27
E27030	Manning Rd_Cardinal Driver Sewer Rehab	0%	Wed 7/1/26	Fri 10/11/30
E27030	INITIATION & PROCUREMENT	2%	Wed 7/1/26	Sat 12/26/26
E27030	DESIGN	0%	Sat 12/26/26	Mon 2/7/28
E27060	Long Creek Way PS Oxygen Injection	0%	Wed 7/1/26	Tue 12/31/30
E27060	INITIATION & PROCUREMENT	6%	Wed 7/1/26	Wed 12/30/26
E27060	DESIGN	0%	Wed 12/30/26	Sat 5/27/28
E27060	EASEMENTS/LAND ACQUISITION	0%	Tue 3/16/27	Sun 3/12/28
G25001	FY25 Renewal and Replacement	100%	Mon 7/1/24	Wed 7/30/25
G25001	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25
G26030	FY26 Renewal & Replacement	100%	Tue 7/1/25	Thu 7/30/26
G26030	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
G26030	SERVICE PERIOD	100%	Tue 7/1/25	Tue 6/30/26
G26030	CLOSEOUT	100%	Tue 6/30/26	Thu 7/30/26
G27027	FY27 Renewal & Replacement	0%	Wed 7/1/26	Fri 7/30/27
G27027	INITIATION & PROCUREMENT	100%	Wed 7/1/26	Wed 7/1/26
G27027	SERVICE PERIOD	0%	Wed 7/1/26	Wed 6/30/27
G27027	CLOSEOUT	0%	Wed 6/30/27	Fri 7/30/27



Project: MSD CMOM Commitm
Date: Thu 8/13/26

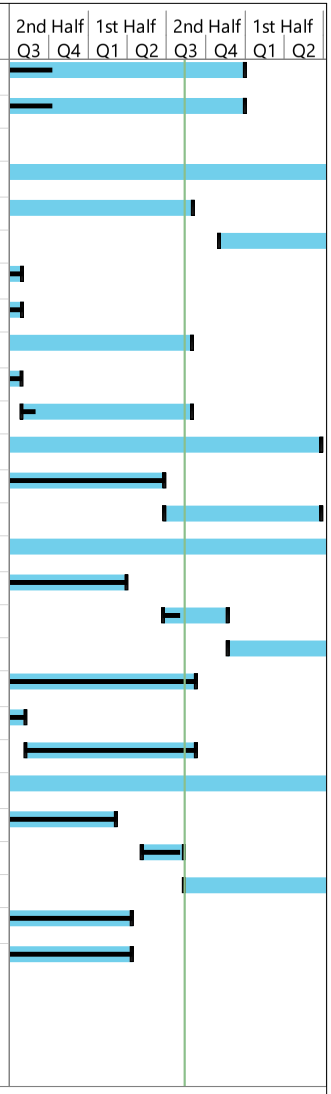
Task

Progress

Page 8

Figure 4.1. CMOM Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
H18168	CRRP - Ten Year Update	41%	Mon 12/2/24	Thu 12/31/26
H18168	INITIATION & PROCUREMENT	41%	Mon 12/2/24	Thu 12/31/26
H18168	CLOSEOUT	0%	Thu 12/31/26	Thu 12/31/26
H20021	Admiral Rd Storage	56%	Fri 4/1/22	Sat 1/19/30
H20021	DESIGN	98%	Sun 7/3/22	Tue 9/1/26
H20021	CONSTRUCTION	0%	Sun 11/1/26	Fri 1/19/29
H22018	CCWQTC Sludge Storage Tank Improvements	100%	Thu 7/1/21	Thu 7/31/25
H22018	CLOSEOUT	100%	Sun 3/31/24	Thu 7/31/25
H22032	DRGWQTC Sodium Bisulfite Bldg Improvements	98%	Thu 7/1/21	Sun 8/30/26
H22032	CONSTRUCTION	100%	Wed 5/24/23	Wed 7/30/25
H22032	CLOSEOUT	95%	Wed 7/30/25	Sun 8/30/26
H23018	Hite Creek Main Interceptor	78%	Thu 9/22/22	Sun 6/27/27
H23018	CONSTRUCTION	100%	Mon 6/2/25	Sat 6/27/26
H23018	CLOSEOUT	1%	Sat 6/27/26	Sun 6/27/27
H23039	Middletown Station PS Elimination	50%	Fri 7/1/22	Tue 12/21/27
H23039	DESIGN	100%	Mon 9/26/22	Tue 3/31/26
H23039	CONSTRUCTION	25%	Wed 6/24/26	Sat 11/21/26
H23039	CLOSEOUT	0%	Sat 11/21/26	Tue 12/21/27
H23041	Olde Copper Ct PS Elimination	100%	Fri 7/1/22	Tue 9/8/26
H23041	CONSTRUCTION	100%	Mon 3/24/25	Fri 8/8/25
H23041	CLOSEOUT	100%	Fri 8/8/25	Tue 9/8/26
H23043	Parkwood PS Elimination	70%	Fri 7/1/22	Tue 8/10/27
H23043	DESIGN	100%	Mon 10/3/22	Thu 3/5/26
H23043	CONSTRUCTION	90%	Mon 5/4/26	Mon 8/10/26
H23043	CLOSEOUT	0%	Mon 8/10/26	Tue 8/10/27
H23050	WQTC Regional Lab Upgrade	100%	Fri 7/1/22	Sat 4/11/26
H23050	CLOSEOUT	100%	Fri 4/11/25	Sat 4/11/26



Project: MSD CMOM Commitm
Date: Thu 8/13/26

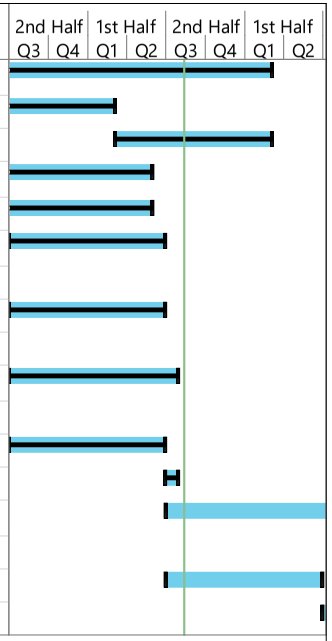
Task

Progress

Page 9

Figure 4.1. CMOM Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish
H24193	Goose Creek II Rehabilitation	100%	Mon 7/1/24	Fri 3/5/27
H24193	CONSTRUCTION	100%	Mon 3/10/25	Thu 3/5/26
H24193	CLOSEOUT	100%	Thu 3/5/26	Fri 3/5/27
H24194	Floydsburg Road I&I Investigation and Rehabilitation	100%	Mon 7/1/24	Sun 5/31/26
H24194	CLOSEOUT	100%	Sat 5/31/25	Sun 5/31/26
H26027	FY26 Plumbing Modification Program	100%	Tue 7/1/25	Tue 6/30/26
H26027	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
H26027	SERVICE PERIOD	100%	Tue 7/1/25	Tue 6/30/26
H26027	CLOSEOUT	100%	Tue 6/30/26	Tue 6/30/26
H26059	FY26 Private Property Illicit Discharge Program	100%	Tue 7/1/25	Thu 7/30/26
H26059	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
H26059	SERVICE PERIOD	100%	Tue 7/1/25	Tue 6/30/26
H26059	CLOSEOUT	100%	Tue 6/30/26	Thu 7/30/26
H27059	FY27 Private Property Illicit Discharge Program	0%	Wed 7/1/26	Fri 7/30/27
H27059	INITIATION & PROCUREMENT	100%	Wed 7/1/26	Wed 7/1/26
H27059	SERVICE PERIOD	0%	Wed 7/1/26	Wed 6/30/27
H27059	CLOSEOUT	0%	Wed 6/30/27	Fri 7/30/27



Project: MSD CMOM Commitm
Date: Thu 8/13/26

Task

Progress

Page 10

Section 5: Program Activities for Sewer Overflow Response Protocol

Per Paragraph 37.c. of the 2ACD, MSD's initial Sewer Overflow Response Protocol (SORP) was approved by EPA/KEEC on August 22, 2006. MSD is required to review the SORP annually and propose changes as appropriate as a component of the 2ACD Mid-Year Report, and provide updates to the Louisville Regional Office of the Division of Water within 15 days of incorporation of the update. The approved document can be viewed on the MSD Project WIN website **msdprojectwin.org**. Highlights of SORP program implementation are outlined below.

5.1. Discharge Definitions and Documentation

MSD enters and maintains information related to unauthorized discharges and overflows that are observed by MSD staff in the Operations and Regulations (OAR) asset management system utilizing procedures reviewed and improved through efforts associated with components of the Sewer Overflow Response Protocol (SORP), as required under the Second Amended Consent Decree. These overflows and discharges are categorized using the following categories:

- Asset Type
  - Water Quality Treatment Center (WQTC)
  - Combined Sewer Overflow (CSO)
  - Collections System Assets associated with a Sanitary Sewer Overflow (SSO)
    - Pump Stations –sanitary, flood and viaduct pump stations
    - Access Points – manholes, valves and inlets
    - Mains – sanitary and combined system mains
    - Service Connections – customer service lines
- Weather – Dry or wet
- Result – Waters of the United States (WUS), Exterior (i.e., to the ground), or Interior (i.e., inside a building)
- Cause – The issue that caused the discharge, including the following groups:
  - Bypass / Upset at a WQTC as defined by permit
  - Capacity – Lack of Capacity or Pumped Overflow during wet weather
  - Maintenance & Operations Issue – Electrical Problem at MSD, Grease Blockage, Mechanical Failure, Obstruction (Not Grease or Roots), Power Outage, Pumped due to USACE Manual Requirements, Roots, Structural Issue, or Utility Damage
  - System Underwater

All overflow reporting documentation is stored in MSD's asset management system, OAR. Unauthorized discharges to the Waters of the United States (WUS) have been reported to the Kentucky Energy and Environment Cabinet (KEEC) and the Environmental Protection Agency (EPA) per the approved SORP.

MSD has developed performance measures to monitor the operation of the collections system and WQTCs, with the goal of reducing sewer overflows and improving surface water quality. The data reported in this document is the best, most up-to-date data available as of the document date. There may be changes to historic data as the data is reviewed for quality and accuracy and updated on a continuous basis by MSD administrative and field staff.

5.2. Overflow Management and Field Documentation

Recurring Programmatic Activities

- Documented overflows and unauthorized discharges to waters of the US (WUS) during the reporting period as described in Section 5.1.
- Hauled sewage from pump stations to mitigate sanitary overflows as indicated in Table 5.1.
- Reported discharges that reached the WUS within 24 hours as shown in Table 5.2. Discharges that were not reported within 24 hours are explained in Table 5.3.
- Monitored approximately 140 sanitary sewer overflow (SSO) sites, which have been grouped into routes based on the range of rainfall rates necessary to cause a SSO. These routes are monitored during rain events depending on the magnitude and location of the storm. If an overflow is observed, a discharge work order is created to document the event. During this reporting period, MSD executed a total of 1,052 wet weather inspections on a total of 23 days, and documented 121 unauthorized discharges through route reconnaissance.
- Monitored telemetry for overflow reporting and response purposes.
- Scheduled additional field reviews of SORP procedures after rain events to both ensure successful implementation and to assist with the annual SORP overall review.

Table 5.1. Hauling Operations (gal)

FY	ELECTRICAL PROBLEMS AT MSD	LACK OF SYSTEM CAPACITY	MECHANICAL FAILURE	POWER OUTAGE (LG&E)	STRUCTURAL FAILURE	UTILITY DAMAGED MSD ASSET
FY22	10,000	100,000	71,000	5	202,500	0
FY23	0	110,000	0	90,000	4,510	35,000
FY24	0	126,000	0	0	163,010	0
FY25	0	1,695,000	157,500	0	177,000	0
FY26	0	70,010	151,210	200	0	0

Table 5.2. Discharge Notifications

TOTAL DISCHARGES	REPORTED WITHIN 24 HOURS	RESULT
223	198	89%

Table 5.3. Late Discharge Notifications

WORK ORDER #	REPORT TIME (HRS)	CAUSE
3975654	35	WORK ORDER DUPLICATED FROM OLDER WO. ADVISED TO CREATE NEW WO, WITH NEW TIMESTAMPS.
3994146	26	MSD CONTRACTOR REPORTED DISCHARGE LATE.
4013057	6915	As of 7/30/26, no log entries. Manually entered on the state site.
4066037	98	Added second manhole after discharge receded. Manhole was underwater at time of initial reporting.
4065059	49	Discharge from new work flow for SSO Routes. Route runners were trained in IPS after entering late discharges.
4065027	47	Discharge from new work flow for SSO Routes. Route runners were trained in IPS after entering late discharges.
4065046	45	Discharge from new work flow for SSO Routes. Route runners were trained in IPS after entering late discharges.
4065042	45	Discharge from new work flow for SSO Routes. Route runners were trained in IPS after entering late discharges.
4068329	26	New workflow for putting in discharges at Pump Stations lead to late inputting. Staff was given training on IPS afterwards.
4121877	46	AUTOMATED DISCHARGE NOTIFICATION SYSTEM RETURNED SUCCESSFUL SEND NOTICES BUT HAD FAILED TO CONNECT SUCCESSFULLY TO THE STATE WEBSITE. IT APPEARS TO BE A PROBLEM WITH THE STATE SERVER.
4121915	39	AUTOMATED DISCHARGE NOTIFICATION SYSTEM RETURNED SUCCESSFUL SEND NOTICES BUT HAD FAILED TO CONNECT SUCCESSFULLY TO THE STATE WEBSITE. IT APPEARS TO BE A PROBLEM WITH THE STATE SERVER.
4121920	39	AUTOMATED DISCHARGE NOTIFICATION SYSTEM RETURNED SUCCESSFUL SEND NOTICES BUT HAD FAILED TO CONNECT SUCCESSFULLY TO THE STATE WEBSITE. IT APPEARS TO BE A PROBLEM WITH THE STATE SERVER.
4121931	37	AUTOMATED DISCHARGE NOTIFICATION SYSTEM RETURNED SUCCESSFUL SEND NOTICES BUT HAD FAILED TO CONNECT SUCCESSFULLY TO THE STATE WEBSITE. IT APPEARS TO BE A PROBLEM WITH THE STATE SERVER.
4122022	30	AUTOMATED DISCHARGE NOTIFICATION SYSTEM RETURNED SUCCESSFUL SEND NOTICES BUT HAD FAILED TO CONNECT SUCCESSFULLY TO THE STATE WEBSITE. IT APPEARS TO BE A PROBLEM WITH THE STATE SERVER.
4122026	29	AUTOMATED DISCHARGE NOTIFICATION SYSTEM RETURNED SUCCESSFUL SEND NOTICES BUT HAD FAILED TO CONNECT SUCCESSFULLY TO THE STATE WEBSITE. IT APPEARS TO BE A PROBLEM WITH THE STATE SERVER.
4122030	29	AUTOMATED DISCHARGE NOTIFICATION SYSTEM RETURNED SUCCESSFUL SEND NOTICES BUT HAD FAILED TO CONNECT SUCCESSFULLY TO THE STATE WEBSITE. IT APPEARS TO BE A PROBLEM WITH THE STATE SERVER.
4122047	28	AUTOMATED DISCHARGE NOTIFICATION SYSTEM RETURNED SUCCESSFUL SEND NOTICES BUT HAD FAILED TO CONNECT SUCCESSFULLY TO THE STATE WEBSITE. IT APPEARS TO BE A PROBLEM WITH THE STATE SERVER.

Table 5.3. Late Discharge Notifications

WORK ORDER #	REPORT TIME (HRS)	CAUSE
4122051	27	AUTOMATED DISCHARGE NOTIFICATION SYSTEM RETURNED SUCCESSFUL SEND NOTICES BUT HAD FAILED TO CONNECT SUCCESSFULLY TO THE STATE WEBSITE. IT APPEARS TO BE A PROBLEM WITH THE STATE SERVER.
4122054	27	AUTOMATED DISCHARGE NOTIFICATION SYSTEM RETURNED SUCCESSFUL SEND NOTICES BUT HAD FAILED TO CONNECT SUCCESSFULLY TO THE STATE WEBSITE. IT APPEARS TO BE A PROBLEM WITH THE STATE SERVER.
4122058	27	AUTOMATED DISCHARGE NOTIFICATION SYSTEM RETURNED SUCCESSFUL SEND NOTICES BUT HAD FAILED TO CONNECT SUCCESSFULLY TO THE STATE WEBSITE. IT APPEARS TO BE A PROBLEM WITH THE STATE SERVER.
4122068	27	AUTOMATED DISCHARGE NOTIFICATION SYSTEM RETURNED SUCCESSFUL SEND NOTICES BUT HAD FAILED TO CONNECT SUCCESSFULLY TO THE STATE WEBSITE. IT APPEARS TO BE A PROBLEM WITH THE STATE SERVER.
4122080	26	AUTOMATED DISCHARGE NOTIFICATION SYSTEM RETURNED SUCCESSFUL SEND NOTICES BUT HAD FAILED TO CONNECT SUCCESSFULLY TO THE STATE WEBSITE. IT APPEARS TO BE A PROBLEM WITH THE STATE SERVER.
4122085	26	AUTOMATED DISCHARGE NOTIFICATION SYSTEM RETURNED SUCCESSFUL SEND NOTICES BUT HAD FAILED TO CONNECT SUCCESSFULLY TO THE STATE WEBSITE. IT APPEARS TO BE A PROBLEM WITH THE STATE SERVER.
4122087	26	AUTOMATED DISCHARGE NOTIFICATION SYSTEM RETURNED SUCCESSFUL SEND NOTICES BUT HAD FAILED TO CONNECT SUCCESSFULLY TO THE STATE WEBSITE. IT APPEARS TO BE A PROBLEM WITH THE STATE SERVER.
4122107	25	AUTOMATED DISCHARGE NOTIFICATION SYSTEM RETURNED SUCCESSFUL SEND NOTICES BUT HAD FAILED TO CONNECT SUCCESSFULLY TO THE STATE WEBSITE. IT APPEARS TO BE A PROBLEM WITH THE STATE SERVER.

5.3. Regulatory Reporting and Data Management

Recurring Programmatic Activities

- Conducted daily, monthly, and quarterly data reviews with staff from Engineering and Operations Divisions to ensure accuracy and consistency in reporting.
- Performed a detailed review and trend analysis on the discharge data and incorporated the findings into the Quarterly SORP training.
- Updated assets in OAR when new overflow locations are identified.

5.4. Staff Training & Communication

Recurring Programmatic Activities

- Conducted training through the online training delivery system, which allows more flexibility for employees to complete training at convenient times during the quarter and to integrate SORP training with new employee and contractor orientation. SORP training activities are detailed in Table 5.4. Training module descriptions can be found in the latest version of the SORP manual, available at **msdprojectwin.org**.
- Scheduled and administered SORP Quarterly and Annual Training.
- Reviewed and updated the data associated with overflows.

Table 5.4. SORP Training Details

TRAINING MODULE	STAFF TRAINED
Annual Overview Training	817
First Quarter Field Training - Preparing Monitoring and Responses	334
Second Quarter Field Training - Overflow Assessment	329
Third Quarter Field Training - Public Notification and Cleanup	318
Fourth Quarter Field Training - Overflow Reporting and Documentation	325
Route Procedure Overview	20

5.5. Public Notification and Communication

Refer to Section 6: Program Activities for Public Outreach, Education, Notification and Participation for information regarding public notification.

Section 6: Program Activities for Public Outreach, Education, Notification and Participation

Per Paragraph 36 of the 2ACD, MSD has established a multidisciplinary Wet Weather Team and a program for public information, education, and involvement. This program is described fully in Volume 1, Chapter 3 of the 2021 IOAP Modification. Wet Weather Stakeholder Team meeting minutes, the 2021 IOAP Modification, and public education materials can be viewed on the MSD Project WIN website, **msdprojectwin.org**. Highlights of public outreach implementation are outlined below.

6.1. Public Notification Program

MSD has developed a program aimed at notifying the community of the objectives of the 2ACD, and ways to reduce the risks of coming into contact with sewage overflows.

6.1.1. Overflow Advisory Signs

Recurring Programmatic Activities

- Compared documented overflow locations against existing sign locations to ensure needed signs are in place, and updated the sign inventory as needed.
- Performed the annual sign inspection process in the spring as scheduled in OAR. There were 1,161 signs inspected, 1,032 signs cleaned, and 324 replaced this reporting period.

6.1.2. Electronic Notifications

Recurring Programmatic Activities

- Utilized the Louisville Metro e-mail alert system (LENSAlert) to broadcast messages to the public. Through this, customers are able to sign up to receive email alerts regarding sewer overflows.
- Provided notification on the MSD website (**louisvillemsd.org)** and MSD's 2ACD website (**msdprojectwin.org**) for wet weather overflows during rain events and unauthorized discharges of more than 1,000 gallons.

6.1.3. Print Notifications

Recurring Programmatic Activities

- Provided annual notification to the community at large in a Courier Journal newspaper advertisement, advising the use of caution around streams during and immediately following rain events, as the streams may contain untreated sewage.
- Mailed 484 FOG residential public outreach letters to areas that have FOG issues during this reporting period. The public service outreach informed residents of a recent sanitary sewer blockage occurrence near their home, as well as measures that could be taken within a residential dwelling to prevent any further occurrences.
- Mailed information packets as described in Section 4.1.1.9.
- Distributed the overflow notification annual mailing to over 20,000 residents who live within 500 feet of Beargrass Creek and/or the Ohio River, advising the use of caution around streams during and immediately following rain events, as the streams may contain untreated sewage.

6.2. Public Education Programs

A public education program about Louisville MSD's primary business functions of wastewater treatment, stormwater management and flood protection has been developed and is in use across multiple platforms. MSD uses earned media through local and regional outlets to educate the public about MSD's vital services, initiatives, 2ACD projects and more.

Recurring Programmatic Activities

- Identified areas of public knowledge requiring additional effort and attention and target public education efforts to fill the gaps, including through the Project WIN / MS4 Public Behavior Change Assessment Survey, which was administered this reporting period.
- Supported the use of a "Cornerstone" course in partnership with UofL, with a spring semester audience. The course allows freshman engineering students to design, build, and optimize a physical model of a combined system, including wet-weather storage and treatment. This is a unique opportunity to engage existing customers on how the system works, the water quality benefits of Consent Decree program investments, and the shared responsibility of achieving safe, clean waterways.
- Provided information on green infrastructure, Louisville's tree canopy, sewer overflow prevention, pollution prevention and other topics, including the events listed in Table 6.1.

Table 6.1. Public Education Workshops & Activities

DATE(S)	EVENT	BENEFIT / RELEVANCE / IMPACT
July 12, 2025 and May 30, 2026	Alberta O Jones Park Day	MSD participated as a tabling partner with information about the role MSD plays in ensuring safe, clean waterways. Activities included demonstrations of the enviroscape, TV Inspection crew equipment, and the Confined Space Simulator.
July 28-29, 2025	Kentucky/Tennessee Water Professionals Conference Presentations	MSD staff led presentations on the Private Property Illicit Discharge Program, odor control, the Morris Forman WQTC Biosolids project, utility management, and green infrastructure.
July 30, 2025	STREAMing in the 502	MSD co-hosted a water-themed art workshop with the Office of Sustainability, Louisville Olmsted Parks Conservancy, and a community advocate and artist. The event allowed community members to connect to local waterways through creative expression and exploration.
August 15, 2025	Mandy Books to District 15	MSD delivered 500 Mandy the Salamander books to the Metro Councilperson for District 15 to distribute.
August 25-26, 2025	5 Cities+ Conference Presentations	MSD hosted the 5 Cities + Conference and led presentations on the Private Property Illicit Discharge Program, odor control, the long term monitoring program, and capital projects.
August 28, October 14, October 30, 2025 and April 23 and June 25, 2026	MSD clAIRity Public Meeting	In-person public meeting series hosted by MSD to discuss odor control program. Presentations included sources of odor, MSD efforts to address odor issues in the community, and concluded with an opportunity for public input. Meetings were recorded and posted publicly to YouTube.
September 6, 2025	Pawpaw Fest	MSD tabled with the enviroscape to discuss watersheds and handed out Mandy the Salamander books.
September 17, 2025	National Society of Professional Engineers - Kentucky Louisville Chapter Meeting Presentation	MSD staff presented about updates to the MSD Design Manual.

Table 6.1. Public Education Workshops & Activities

DATE(S)	EVENT	BENEFIT / RELEVANCE / IMPACT
September 29, 2025	Water Environment Federation's Technical Exhibition and Conference (WEFTEC) Presentations	MSD staff led presentations on the Morris Forman WQTC Biosolids Facility project and policies and practices related to the water sector.
October 11, 2025	Southwest Community Festival	MSD hosted a booth with the fish out pollution game, brochures, and handouts including the Mandy the Salamander book and seed packets.
October 17, 2025	Ohio River Basin Confluence Summit Presentations	MSD staff led presentations on flooding and MSD's Water Quality Monitoring Program.
November 3, 2025	502 Plumbers Union Tour	MSD led a tour of Floyds Fork WQTC for 10 members of the 502 Plumbers Union.
November 14, 2025	Floyds Fork WQTC Tour	MSD led a tour of Floyds Fork WQTC for 16 science teachers from Lexington, Kentucky.
January 22, 2026	MSD “Can You Dig It?” Event	MSD hosted this event to inform contractors about upcoming capital construction projects and other contract opportunities with MSD.
February 19, 2026	Floyds Fork WQTC Tour	MSD led a tour of Floyds Fork WQTC for Source Technologies.
February 27. 2026	Floyds Fork WQTC Tour	MSD led a tour of Floyds Fork WQTC for the Louisville Water Company.
March 24-26, 2026	Utility Management Conference Presentations	MSD staff led presentations on utility management and best practices for collaborative delivery project management.
March 28, 2026	Louisville Metro Office of Sustainability Earth Fest	MSD tabled with demonstrations of the flood model and handouts including Mandy Books and Native Plant Guides.
April 9 and 15, 2026	MSD Board Education Tour	MSD led tours of Floyds Fork WQTC for members of the MSD Board.
April 16, 2026	Kentucky Society of Professional Engineers Annual Convention	MSD staff led presentations on water quality unit requirements and the Cedar Creek WQTC Solids Dewatering Facility.
April 24, 2026	Mandy Books to Creasy Mahan Nature Preserve	MSD delivered 140 Mandy the Salamander books to the Creasy Mahan Nature Preserve for use in the Nature Center, Thrive Forest School, and the Little Library at the Forest Friends Playground.
May 5, 2026	MSD Field Day	MSD conducted the Annual Field Day event with presentations about green infrastructure, current projects, and tours of the Beargrass Creek Pump Station and Rain Garden.
June 6, 2026	Kentucky Watershed Watch Volunteer Training	MSD partnered with the Kentucky Watershed Watch, U of L, and Oldham County Conservation District to lead a training for Watershed Watch volunteers about collecting, identifying, and document stream macroinvertebrates and assess habitat quality.
*This activity also satisfies NMC 7 requirements related to Pollution Prevention Programs		

FY26 Reporting Period

- Implemented several programmatic enhancements which aim to make the Project WIN / MS4 Public Behavior Change Assessment Survey more accessible, reach a broader cross-section of the community, and provide added value. They include a strategic review of the survey content, frequency, timing, and distribution methods as described below in Table 6.2.

Table 6.2. Project WIN/MS4 Public Behavior Change Assessment Survey Enhancements

PROGRAM ELEMENT	PREVIOUS STRATEGY	ADOPTED STRATEGY	RATIONALE AND ADDITIONAL INFORMATION
Survey Content	46 questions long (15 minutes to complete), with many questions requiring multi-part responses	Streamline and reduce the question count to 14-16 multiple choice questions (less than 5 minutes to complete) to improve effectiveness.	Simplifies the user experience and removes barriers for completion while still aligning with water quality objectives and identification of best practices
Survey Distribution	Email distribution dependent on Louisville Water partnership	Multi-channel outreach approach including but not limited to email distribution (community events, website, community partner networks, etc)	Expands accessibility to customers with alternate communication preferences. Outreach and incentive strategy aims to increase responses and capture a cross-section of the community.
Survey Frequency	Bi-annually (every other year)	Align with MS4 KPDES permit (twice per 5-year permit cycle). At a minimum, the survey will be issued once every three years.	Maintains consistency with past practice, balancing effort and impact
Survey Timing	October-December 2025 (for current survey cycle)	March-May 2026; aligned with recreational season and outreach activities.	Addresses cybersecurity delays and improves outreach opportunities

FY27 Reporting Period

- Coordinate with EPA/KEEC on programmatic modifications to MSD's paid advertising strategy.

6.2.1. Radio and TV Activities

Recurring Programmatic Activities

- Coordinated with Metro TV to air broadcasts of public input meetings and public service announcements listed in Table 6.3. More information about public information meetings can be found in 6.3.1. IOAP Project and Program Meetings.
- Utilized various media outlets, including TV and radio, to share information with the public. This reporting period, reached a total TV/Radio audience of over 18,000,000 through approximately 1,347 clips mentioning MSD programs and projects.

Table 6.3. Metro TV Broadcasts

PROJECT	PHASE	AIRINGS
Wastewater Treatment	Educational Content	138
Stormwater Drainage	Educational Content	122
MSD Services	Educational Content	47
clAIRity Program Overview	Educational Content	24
Project Updates and MSD Services	Educational Content	14

FY26 Reporting Period

- Purchased public service advertising messages through UofL Learfield Sports Radio, delivering approximately 2,295,860 impressions for 2ACD messaging.
- Partnered with Urban Lifestylez, a locally produced TV show, for a monthly segment featuring program, project, and organizational updates.

6.2.2. Printed Media Activities

Recurring Programmatic Activities

- Distributed a Waterfront and Beargrass Creek Walking & Paddling Guide, which includes information on CSOs, green infrastructure and ideas to reduce SSOs and mitigate CSOs.
- Utilized direct mail communications through post cards, letters, and bill inserts.
- Purchased public service advertising messages in the Courier Journal, Business First, and Oldham Era, reaching an estimated 179,000 people for 2ACD messaging.

6.2.3. Digital Media Activities

Social media, MSD's website (**louisvillemsd.org)**, and MSD's 2ACD website (**msdprojectwin.org**) are important methods to reach and educate the public. MSD is on Facebook, X, LinkedIn, and Instagram.

Recurring Programmatic Activities

- Maintained the 2ACD website, which includes a repository of public documents related to Project WIN, tips for customers to help control overflows through their personal actions, information about the history and background of Project WIN and a place to sign up for overflow advisory emails warning when significant precipitation has caused overflows in MSD's system. The 2ACD website can also be accessed by navigating through the Consent Decree link on MSD's website.
- Maintained the Overflow Advisory Level indicator on MSD's website and MSD's 2ACD website. The indicator provides important information on the condition of area streams and shows a warning if overflows are likely to be happening or have happened in the past 48 hours.
- Included 2ACD compliance, wastewater facility upgrades, and aging infrastructure as key topics in the Critical Repair & Reinvestment Plan. Public education about this initiative continues to include posts on MSD's website and social media accounts.
- Released monthly social media ads containing messages related to upcoming IOAP project public meetings when applicable.
- Released 1,052 unique posts across social media platforms to a combined 14,297 followers on topics including environmental awareness, outreach programs, events, health and safety, and public meetings. Between Facebook, Instagram, X, and LinkedIn, received over 1.9 million impressions.

- Shared the StreamLine through email, reaching approximately 70,000 customers and staff quarterly. 2ACD-related articles are contained in each issue of this newsletter.
- Provided the Waterfront and Beargrass Creek Walking & Paddling Guide online at **louisvillemsd.org/education** and **louisvillemsd.org/education/at-home**.
- Provided information and videos illustrating wastewater treatment, stormwater/drainage, and flood protection online at **louisvillemsd.org/what-we-do**.
- Shared an animated short titled "Club Flush" with characters from the Bowl Patrol. The Bowl Patrol are characters created for MSD to educate the public about what is and isn't safe to flush.
- Maintained the education web-page (**louisvillemsd.org/education)** with user-friendly links that direct to pages titled Bowl Patrol, Speaker Request, Field Trip Request, Classroom Education, At Home, and Mandy the Salamander. The Mandy the Salamander page contains a storybook, puzzles, games, and videos to educate younger children about the importance of clean waterways.
- Used the Careers web-page (**louisvillemsd.org/careers**) to share information about MSD's role in the community and potential employment opportunities.

FY26 Reporting Period

- Updated content for Illicit Discharge Detection and Elimination (IDDE) and Industrial Waste Department (IWD) inspections, including printed materials and website updates.
- Created outreach materials for planting trees safely near stormwater and sanitary sewer infrastructure.
- Created a new salt and Fats, Oil, and Grease educational card.
- Updated the Mandy the Salamander activity book.

FY27 Reporting Period

- Review messaging and update materials as needed.

6.3. Public Outreach Programs

MSD has developed a public education program aimed at expanding the public's knowledge of MSD's primary business functions of wastewater, stormwater and flood protection, with an emphasis on 2ACD program elements.

Recurring Programmatic Activities

- Presented, attended, and / or facilitated meetings related to green infrastructure as detailed in Table 6.4.
- Presented, attended, and / or facilitated meetings related to clean streams as detailed in Table 6.5.
- Presented, attended, and / or facilitated student outreach as detailed in Table 6.6.

FY26 Reporting Period

- Developed a new outreach activity for students to learn about the water cycle and pollution..

Table 6.4. Green Infrastructure Workshops & Activities

DATE(S)	EVENT	BENEFIT / RELEVANCE / IMPACT
October 16, 2025	Ohio River Basin Confluence Summit Rain Garden Tour*	MSD co-hosted a walking tour of existing rain gardens around downtown Louisville. Discussion included the benefits of rain gardens to reduce pollution and manage stormwater, as well as practical information related to rain garden establishment and maintenance.
April 11, 2026	TreeFest*	MSD tabled to promote the Urban Reforestation grants program, discuss the water quality benefits of trees, and demonstrate the enviroscape.
April 18, 2026	Louisville Water Company Open House - Spring into Sustainability*	MSD tabled at the Community Open House hosted by the Louisville Water Company to share information about rain gardens and landscaping with native plants as opportunities to reduce runoff and improve water quality at home.
April 19, 2026	Paristown Garden Show*	MSD tabled at the Paristown Garden Show to share information about the water quality benefits of rain gardens, rain barrels, and native plants. MSD also hosted a rain barrel giveaway at the event that drew 146 entries.
*This activity also satisfies NMC 7 requirements related to Pollution Prevention Programs.		

Table 6.5. Clean Stream Workshops & Activities

DATE(S)	EVENT	BENEFIT / RELEVANCE / IMPACT
October 14, 2025	Trinity High School Staff Trash Cleanup*	MSD supported Trinity High School staff for a trash cleanup at St. Matthews Community Park and Arthur K Draut Park, along the Middle Fork Beargrass Creek Tributary.
February 26, 2025	Engineering Week Beargrass Creek Cleanup*	MSD hosted a stream cleanup at St Matthews Community Park to celebrate National Engineers Week. More than 80 participants picked up trash in the park and surrounding areas.
*This activity also satisfies NMC 7 requirements related to Pollution Prevention Programs.		

Table 6.6. Outreach Activities for Students

DATE(S)	EVENT	BENEFIT / RELEVANCE / IMPACT
July 16, 2025	SummerWorks Floyds Fork WQTC Tour	MSD led a tour of Floyds Fork WQTC for 16 SummerWorks student interns.
July 22, 2025	Water Wonders Summer Camp	MSD brought the flood model to provide a hands-on demonstration to campers during their "Water Wonders" theme week. Discussion included stormwater, floodplains, and how wetlands and retention basins work.
September 6, 2025	Kentucky Science Center Touch-A-Truck	MSD exhibited with the TVI truck and handed out Mandy the Salamander books.
September 19. 2025	Grace James Middle School Field Trip	MSD led a tour of Floyds Fork WQTC for more than 25 students from Grace James Middle School.
October 23, 2025	The Brook KMI Presentation*	MSD presented about watersheds, water pollution, and pollution prevention.
October 29-30, 2025	Junior Achievers Inspire	MSD tabled at a career exploration event for high school students to share about careers at MSD.
November 21, 2025	Waldorf School of Louisville Middle School Field Trip	MSD led a tour of Floyds Fork WQT for 12 students from the Waldorf School of Louisville Middle School.

Table 6.6. Outreach Activities for Students

DATE(S)	EVENT	BENEFIT / RELEVANCE / IMPACT
November 24, 2025	Carrithers Middle School Presentation	MSD engaged with two 7th-grade classes and one 8th-grade class to discuss floodplains and water quality. Students participated in hands-on demonstrations, including the “10% Chance Flood” activity and the Macroinvertebrate investigation to explore the connections between land use and stream health.
February 3, 2026	Peace Academy Presentation*	MSD tabled with the enviroscape to discuss watersheds and handed out Mandy the Salamander books.
March 6, 2026	Smyrna Elementary Career Day	MSD visited a Kindergarten and third-grade class to read a water-quality related book and discuss careers.
March 10, 2026	Floyds Fork WQTC Tour	MSD led a tour of Floyds Fork WQTC for 15 Bellarmine University students and staff.
March 20, 2026	Grace James Middle School Field Trip	MSD led a tour of Floyds Fork WQTC for more than 25 students from Grace James Middle School.
March 30, 2026	Atkinson Academy Presentation	MSD led the "Sum of the Parts" watershed activity in four third-grade classrooms.
March 31, 2026	Oldham High School Field Trip	MSD led a tour of Floyds Fork WQTC for 15 students from Oldham High School.
April 30, 2026	Highland Middle School Presentation	MSD presented the Incredible Journey, an interactive activity that illustrates the movement of water through the hydrologic cycle, emphasizing Louisville's water resources. The activity was presented to 120 students across four classes.
May 20, 2026	Fern Creek Elementary Presentation*	MSD visited five third-grade classrooms to share a lesson on watersheds, water pollution, and pollution prevention using the "Sum of the Parts" watershed activity.
June 5, 2026	Beargrass Creek Tour with UofL/BioRET & KEEP Summer Interns	MSD led a canoe tour of Beargrass Creek for UofL Biology Dept professors and JCPS teachers participating in the BIO-RETS (Urban Ecology Research and Environmental Justice) program. Water quality, monitoring, watershed planning, and flood protection were discussed throughout the tour.
June 29, 2026	Storytime with Mandy the Salamander	MSD staff read the Mandy the Salamander book and led activities to educate the Storytime participants about the importance of water quality.
Ongoing	Kentucky Science Center Waterway Protection Tunnel Exhibit	MSD partnered with the Kentucky Science Center to create an exhibit on the Waterway Protection Tunnel and how it keeps waterways safe and clean for local wildlife.
*This activity also satisfies NMC 7 requirements related to Pollution Prevention Programs		

6.3.1. IOAP Project and Program Meetings

6.3.1.1. Wet Weather Team

MSD facilitates meetings for the Wet Weather Team (WWT) and the public to review regulatory commitments, update progress on projects and initiatives, and to gather public input on efforts.

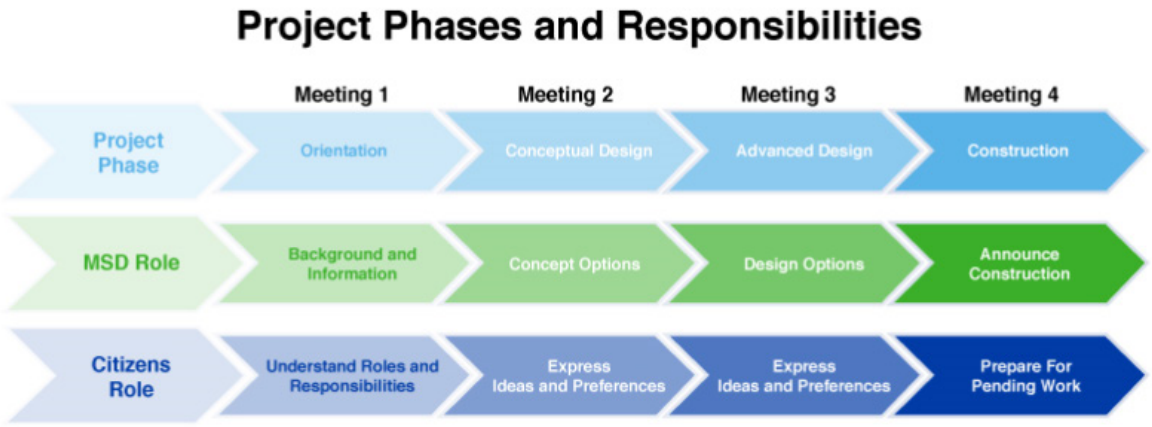
Recurring Programmatic Activities

- Facilitated two (2) Wet Weather Team meetings as defined within the 2021 IOAP, Volume 1, Chapter 3, Action 3.2.2.12.
  - Scheduled a Wet Weather Team meeting for November 19, 2025 at Floyds Fork WQTC. Due to unexpected scheduling conflicts, it was necessary to cancel this meeting.
  - Conducted a Wet Weather Team meeting on March 31, 2026 at Floyds Fork WQTC. Facilitated discussion topics included a tour of the facility, impacts and recovery for the UPS Airline Disaster, and an update on capital projects.

6.3.1.2. Public Meetings for Significant Capital Projects

Public outreach compliments the public education components of Project WIN by engaging and seeking input from community stakeholders in order to successfully implement capital projects. The four-phase process for applicable Significant Capital Projects is illustrated in Figure 6.1. MSD has also adapted to allow virtual meeting forums that remove barriers for customers to participate and often supplements stakeholder meetings with educational outreach videos and informational materials available on social media, TV, and radio. The current IOAP outreach activities and public meetings are using this process to elicit qualitative and quantitative information and enhance engagement with customers. MSD is continuing to use this process to elicit qualitative and quantitative information and enhance engagement with customers. Although no applicable projects moved forward during the current reporting period, additional information regarding the Significant Capital Project Meeting Process may be found at the Project WIN Public Input Website, available at **msdprojectwin.org/public-input**.

Figure 6.1. MSD's Significant Capital Project Meeting Process



FY26 Reporting Period

- Conducted tours of Paddy's Run Flood Pump Station and the Pump Station Replacement Project to educate about MSD's Combined Sewer System and the importance of Paddy's Run to public safety. Tour dates and groups include the following:
  - July 7, 2025: Kentucky Division of Water
  - July 16, 2025: U of L American Society of Civil Engineers (ASCE) Student Chapter
  - August 7, 2025: Cincinnati Metropolitan Sewer District
  - August 22, 2025: United States Army Corps of Engineers (USACE)
  - September 3, 2025: CEO Forum
  - October 11, 2025: Engineering Cluster of YMCA Black Achievers
  - October 16, 2025: Ohio River Basin Confluence Conference
  - October 16, 2025: U of L ASCE Student Chapter
  - December 10, 2025: USACE
  - June 4, 2026: USACE
- Held a press conference on June 30, 2026 for reaching 75% completion of the construction of Paddy's Run Pump Station Replacement Project

FY27 Reporting Period

- Plan outreach activity schedule for IOAP Projects with design underway.
- Develop a Communication Plan for the Upper Middle Fork Pump Station, Forcemain, and Interceptor project.

Section 7: Program Activities for Asset Management (AM)

Per Paragraph 40 of the 2ACD, the Strategic Asset Management Plan (SAMP) was approved by the EPA/KEEC on March 27, 2024. Per Paragraph 40.d., EPA, KEEC, and MSD acknowledge that implementation of the SAMP will result in the plan becoming a dynamic document that will be updated over time with greater specificity regarding specific projects for rehabilitation. The approved document, and any updated versions, can be viewed on the MSD 2ACD website, **msdprojectwin.org**. Highlights of the AM program implementation are outlined below.

7.1. Strategic Asset Management Plan

Per Paragraph 40, the AM program should provide a long-term maintenance and funding strategy for the rehabilitation and renewal of MSD's aging sewer system and WQTC infrastructure, including practices and procedures to ensure that planned maintenance can be conducted and capital assets can be repaired, replaced or upgraded on time with funding available to cover the costs. MSD developed a Strategic Asset Management Plan (SAMP) that, when approved, will be the primary document that guides MSD's efforts in the administration of asset management activities. It brings focus to the strategy for improved asset management, and provides the overarching framework for achieving the mission, strategic goals, and critical success factors of the AM Program, as described in the AM Program Charter. Rather than being an extensive manual of practice on AM, the SAMP is a concise framework that creates a consistent approach for all MSD divisions which operate and maintain the assets. The SAMP framework provides the "rule book" for how facility and system plans will be created and implemented to help meet the established service level expectations and other operational objectives at the lowest life cycle cost.

The SAMP serves several purposes:

- Provides a standardized approach for the overall AM framework and business rules across all facilities and systems.
- Provides information about the information systems where the asset inventory data are located.
- Provides criticality criteria to determine individual asset inspection, replacement, and rehabilitation rankings.
- Provides information on the established levels of service (LOS) and performance measures.
- Identifies condition assessment, operation and maintenance, and renewal and replacement strategies and techniques.
- Identifies currently known data requirements and program enhancements.
- Provides a framework for capital planning and decision making.

In addition to the SAMP, Tactical Asset Management Plans (TAMPs) will define activities at the facility level. An Implementation Plan, or AM Roadmap, defines the sequencing, scheduling, and prioritization of asset management program activities. The AM Roadmap includes prioritized SAMP improvement strategies recommended for the ultimate fulfillment of a successful AM program.

7.2. Tactical Asset Management Plans

In recognition of the fact that each facility and system owned and operated has specific assets, conditions, and requirements under which they are operated, the management of these facility and system assets are also governed by TAMPs. The TAMP structure is like that of the SAMP, but the TAMP describes the specifics for AM at a particular location or within a particular system and identifies actions that are being implemented to achieve the standards and goals listed in the SAMP.

As TAMPs are completed, sections will be added to subsequent 2ACD Annual Reports. The TAMPs will also be updated annually, and any significant changes to the TAMPs or progress updates will be documented in subsequent 2ACD Annual Reports.

7.2.1. All Tamps

Recurring Programmatic Activities

- Continued review of asset class plans and structured maintenance job plans, and coordinate updates in OAR.
- Continued development of dashboards in Power BI to monitor levels of service/performance measure attainment.
- Continued review and refinement of processes to develop asset rehabilitation and replacement recommendations based on condition assessment and available data.

FY26 Reporting Period

- Delivered TAMP-specific training modules online to supporting staff and incorporate into staff onboarding.
- Continued review of Engineering Capital Project Managers Handbook, MSD Design Manual, MSD Standard Specifications, and MSD Construction Contract for alignment with SAMP language and processes to incorporate into latest revisions.
- Piloted a process for job plan creation and maintenance, both during asset commissioning and in response to maintenance trend analysis.
- Incorporated SAMP into MSD's Infrastructure Management Policy and developed procedures for its maintenance.
- Added staff to Engineering Regulatory Compliance and Asset Management team to develop, maintain, and implement new and improved asset management processes.
- Developed blueprint, resource plan, and implementation plan for migration to Infor Operations & Regulations multi-tenant environment.

FY27 Reporting Period

- Import condition assessment data collected in FY22-FY23 in OAR.
- Finalize migration plan, level of effort, target schedule, and responsibilities for migration to Infor Operations & Regulations multi-tenant environment.
- Continue review of Engineering Capital Project Managers Handbook, MSD Design Manual, MSD Standard Specifications, and MSD Construction Contract for alignment with SAMP language and processes to incorporate into latest revisions.

7.2.2. Morris Forman WQTC TAMP

FY26 Reporting Period

- Finalized vertical equipment onboarding methodology.
- Continued development of buried asset registry.

FY27 Reporting Period

- Import facility-level consequence of failure (COF) to the asset level in OAR and update reporting tools to reflect the change.
- Generate report and mitigation plan for populating missing required asset data with COF greater than 4.00.

7.2.3. Derek R. Guthrie WQTC TAMP

FY26 Reporting Period

- Finalized vertical equipment onboarding methodology.

FY27 Reporting Period

- Import facility-level COF to the asset level in OAR and update reporting tools to reflect the change.
- Generate report and mitigation plan for populating missing required asset data with COF greater than 4.00.

7.2.4. Hite Creek WQTC TAMP

FY26 Reporting Period

- Finalized vertical equipment onboarding methodology.

FY27 Reporting Period

- Import facility-level COF to the asset level in OAR and update reporting tools to reflect the change.
- Generate report and mitigation plan for populating missing required asset data with COF greater than 4.00.

7.2.5. Cedar Creek WQTC TAMP

FY26 Reporting Period

- Finalized vertical equipment onboarding methodology.
- Developed buried asset registry.

FY27 Reporting Period

- Import facility-level COF to the asset level in OAR and update reporting tools to reflect the change.
- Generate report and mitigation plan for populating missing required asset data with COF greater than 4.00.

7.2.6. Floyds Fork WQTC TAMP

FY26 Reporting Period

- Finalized vertical equipment onboarding methodology.

FY27 Reporting Period

- Import facility-level COF to the asset level in OAR and update reporting tools to reflect the change.
- Generate report and mitigation plan for populating missing required asset data with COF greater than 4.00.

7.2.7. Pump Stations, Force Mains, and Gates (PSFMG) TAMP

FY26 Reporting Period

- Finalized vertical equipment onboarding methodology.

FY27 Reporting Period

- Import facility-level COF to the asset level in OAR and update reporting tools to reflect the change.
- Generate report and mitigation plan for populating missing required asset data with COF greater than 4.00.

7.2.8. Gravity Linear TAMP

FY26 Reporting Period

- Complete review of asset class plans and job plans and incorporate updates into OAR.
- Continue review and refinement of linear asset onboarding process with pilot testing.

FY27 Reporting Period

- Review and update asset inventory in OAR for existing and new gravity instrumentation assets. Develop structured maintenance schedules for instrumentation assets per asset class plan.
- Train Sampling & Monitoring staff to use OAR for structured and corrective maintenance work order activities.
- Review existing processes for variation in existing field definition/usage as defined in the Vertical Asset Maintenance procedure and for impacts to problem/cause/remedy coding strategy and develop strategy for alignment. End result should either be updated Vertical Asset Maintenance procedure and work instructions or new Linear Asset Maintenance procedure and work instructions.

7.3. Asset Management Program Costs

Per Paragraph 40.e. of the 2ACD, MSD is required to spend a total of $375M on AM projects by June 30, 2035. Eligible costs include work and/or services associated with planning, inspection, field testing, design, permitting, bidding, construction, commissioning (asset start-up), rehabilitation, replacement, and renewal of MSD's Sewer System and WQTC infrastructure. Costs that are not eligible include work and/or services associated with asset management software, programming, financing, grant or loan applications, or annual operating budget line items (power, chemicals, labor, or services associated with preventative or corrective maintenance). Appendix N provides a list of actual costs spent on projects that meet the definition provided above for the current reporting period. Note that project spending is based on the date of expenditure, and may include projects with no spending during the reporting period. Any negative spend is associated with accruals from prior fiscal years and will be reconciled.

Cumulative tracking of asset management spending after June 30, 2020 is shown in Table 7.1. Per Paragraph 49 of the 2ACD, MSD is required to demonstrate a minimum level of spending every 5 years beginning with $112.5M through FY25 and followed by $237.5M through FY30.

Table 7.1. Asset Management Program Costs - Current and Historic Reporting Periods

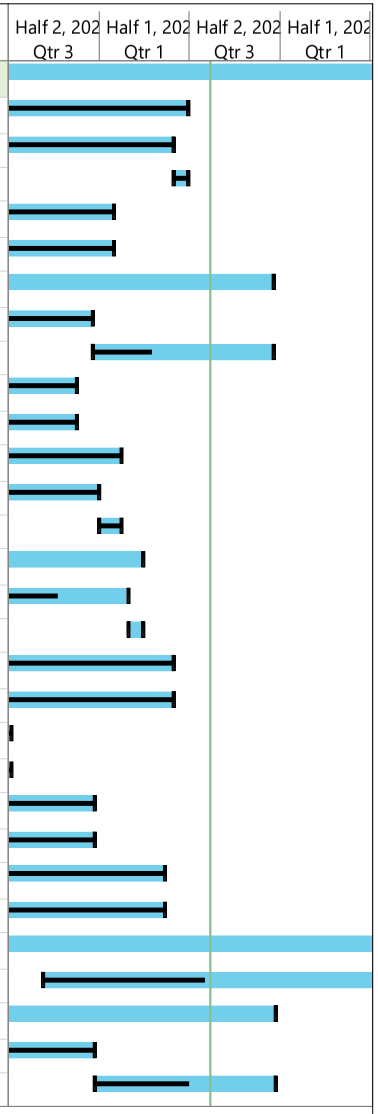
FISCAL YEAR	ACTUAL EXPENDITURES
FY21	$21,130,280.57
FY22	$35,960,567.66
FY23	$52,370,329.17
FY24	$74,345,193.94
FY25	$84,273,786.73
FY26	$89,247,664.23
Program Expenditures to Date	$357,327,822.30

7.4. AM Activity Schedule

A Gantt chart including progress of AM projects during the reporting period can be found in Figure 7.1.

Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish
	MSD Asset Management Commitments Schedule	**68%**	**Fri 1/8/16**	**Fri 11/18/33**
A24011	Asset Management Program Implementation - $25M AM	100%	Sat 7/1/23	Tue 6/30/26
A24011	SERVICE PERIOD	100%	Sat 7/1/23	Sun 5/31/26
A24011	CLOSEOUT	100%	Sun 5/31/26	Tue 6/30/26
A24132	Southwestern CSO Basin Bar Screen Replacement	100%	Wed 11/1/23	Sat 1/31/26
A24132	CLOSEOUT	100%	Fri 1/31/25	Sat 1/31/26
A24133	West Goose Creek PS Rehabilitation	89%	Mon 11/27/23	Sat 12/19/26
A24133	CONSTRUCTION	100%	Thu 2/1/24	Fri 12/19/25
A24133	CLOSEOUT	71%	Fri 12/19/25	Sat 12/19/26
A24176	Hancock St Sewer Emergency Repair	100%	Mon 5/1/23	Mon 11/17/25
A24176	CLOSEOUT	100%	Fri 10/18/24	Mon 11/17/25
A25271	Beulah Crossings Excess Cost	100%	Tue 11/26/24	Sun 2/15/26
A25271	CONSTRUCTION	100%	Mon 1/6/25	Thu 1/1/26
A25271	CLOSEOUT	100%	Thu 1/1/26	Sun 2/15/26
A25278	Hunters Hollow Excess Cost	56%	Sat 3/1/25	Tue 3/31/26
A25278	SERVICE PERIOD	60%	Sat 3/1/25	Sun 3/1/26
A25278	CLOSEOUT	0%	Sun 3/1/26	Tue 3/31/26
A25303	Sunset Circle PS Elimination Excess Cost	100%	Mon 4/7/25	Sun 5/31/26
A25303	CLOSEOUT	100%	Sat 5/31/25	Sun 5/31/26
A25304	4706 Rossmoor Emergency Repair	100%	Fri 4/4/25	Tue 7/8/25
A25304	CLOSEOUT	100%	Fri 5/16/25	Tue 7/8/25
C24121	California Trap Catch Basin Replacement Phase 2	100%	Mon 10/2/23	Mon 12/22/25
C24121	CLOSEOUT	100%	Sun 6/23/24	Mon 12/22/25
C24139	Shawnee Trap Catch Basin Replacement	100%	Fri 1/19/24	Thu 5/14/26
C24139	CLOSEOUT	100%	Wed 5/14/25	Thu 5/14/26
D17039	MFWQTC DAFT Rehabilitation	52%	Sat 7/1/23	Thu 12/28/28
D17039	CONSTRUCTION	39%	Wed 9/10/25	Wed 12/29/27
D17042	MFWQTC Primary Sedimentation Basins Rehabilitation	93%	Tue 5/21/19	Wed 12/23/26
D17042	CONSTRUCTION	100%	Tue 1/25/22	Tue 12/23/25
D17042	CLOSEOUT	72%	Tue 12/23/25	Wed 12/23/26



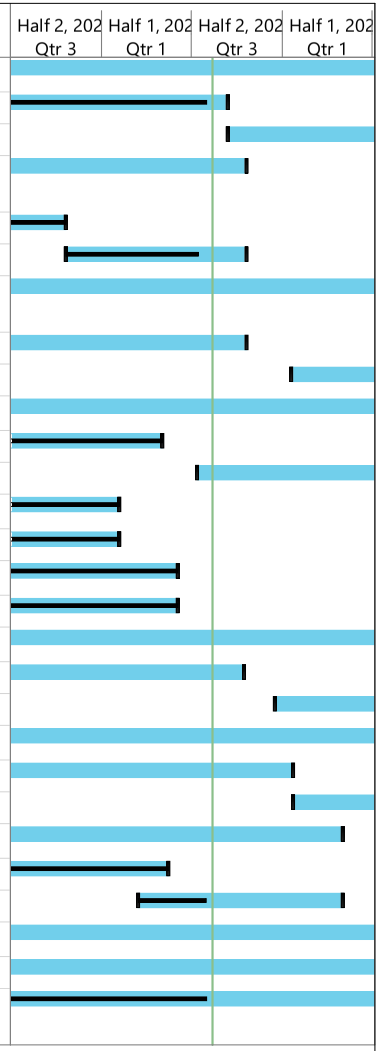
Project: MSD Asset Manageme
Date: Thu 8/13/26

Task Progress

Page 1

Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish
D18090	CCWQTC Solids Dewatering Facility	70%	Thu 12/1/22	Mon 12/27/27
D18090	CONSTRUCTION	92%	Wed 3/5/25	Sun 9/13/26
D18090	CLOSEOUT	0%	Sun 9/13/26	Mon 12/27/27
D18132	DRGWQTC WWPS WWSB HVAC & Roof and U3 & U4 Transformer Elimination	94%	Wed 9/1/21	Wed 10/21/26
D18132	CONSTRUCTION	100%	Sat 6/17/23	Tue 10/21/25
D18132	CLOSEOUT	81%	Tue 10/21/25	Wed 10/21/26
D18160	MFWQTC Mixed Liquor Channel and HPO Batteries A, B, C Improvements	41%	Sat 7/1/23	Thu 5/30/30
D18160	DESIGN	91%	Tue 5/14/24	Wed 10/21/26
D18160	CONSTRUCTION	0%	Tue 1/19/27	Thu 8/23/29
D18161	MFWQTC Chlorine Contact Tanks and FEPS Structural Repairs	48%	Mon 7/3/23	Sat 1/13/29
D18161	DESIGN	100%	Mon 1/8/24	Mon 5/4/26
D18161	CONSTRUCTION	0%	Mon 7/13/26	Wed 12/15/27
D19286	SWPS Gas Monitoring and SP1 Odor Control	100%	Wed 5/15/19	Thu 2/5/26
D19286	CLOSEOUT	100%	Fri 4/5/24	Thu 2/5/26
D20007	Peabody Gate Structure Rehabilitation	100%	Mon 7/4/22	Wed 6/3/26
D20007	CLOSEOUT	100%	Fri 5/30/25	Wed 6/3/26
D20008	Kirby Lane Pump Station Elimination	67%	Fri 7/15/22	Sat 11/11/28
D20008	DESIGN	94%	Mon 1/9/23	Fri 10/16/26
D20008	CONSTRUCTION	0%	Thu 12/17/26	Wed 10/13/27
D20012	SGC RTC Enhancements	68%	Tue 11/19/19	Wed 8/22/29
D20012	DESIGN	94%	Tue 2/18/20	Fri 1/22/27
D20012	CONSTRUCTION	0%	Fri 1/22/27	Fri 6/23/28
D20149	CCWQTC Admin Building Expansion	81%	Wed 8/10/22	Sun 5/2/27
D20149	CONSTRUCTION	100%	Mon 8/12/24	Fri 5/15/26
D20149	CLOSEOUT	40%	Sun 3/15/26	Sun 5/2/27
D20351	Floyds Fork Interceptor	48%	Wed 7/1/20	Fri 11/18/33
D20351	DESIGN	68%	Mon 8/17/20	Fri 6/1/29
D20351	EASEMENTS/LAND ACQUISITION	53%	Sat 4/1/23	Sat 6/30/29



Project: MSD Asset Manageme
Date: Thu 8/13/26

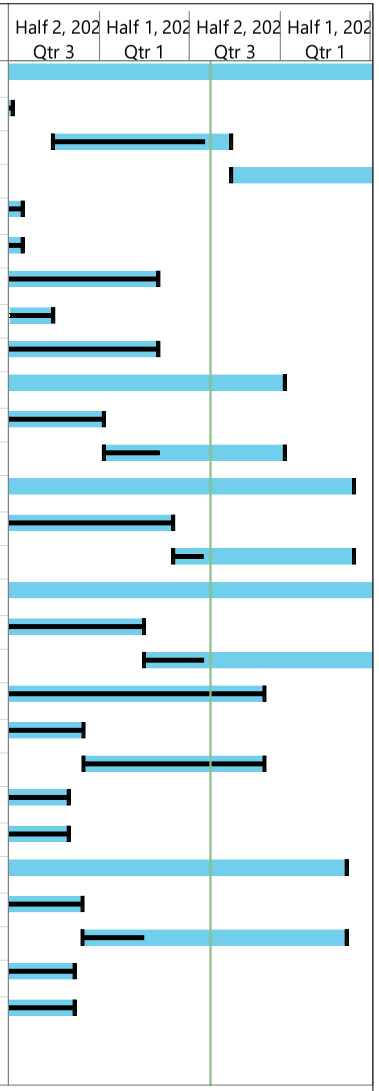
Task

Progress

Page 2

Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish
D21079	Fairmount Road Pump Station Force Main Extension - Phase 2	74%	Tue 6/1/21	Tue 11/23/27
D21079	DESIGN	100%	Mon 9/20/21	Thu 7/10/25
D21079	CONSTRUCTION	85%	Mon 9/29/25	Thu 9/24/26
D21079	CLOSEOUT	0%	Thu 9/24/26	Tue 11/23/27
D21109	FY25 Regional WQTC Equipment RR	100%	Mon 7/1/24	Wed 7/30/25
D21109	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25
D21230	DRG RAS Pumps 2 and 3 Replacement	100%	Wed 5/5/21	Thu 4/30/26
D21230	CONSTRUCTION	100%	Mon 10/24/22	Tue 9/30/25
D21230	CLOSEOUT	100%	Mon 2/17/25	Thu 4/30/26
D21247	MFWQTC MEB HVAC Replacement	93%	Tue 6/15/21	Sat 1/9/27
D21247	CONSTRUCTION	100%	Wed 11/16/22	Fri 1/9/26
D21247	CLOSEOUT	70%	Fri 1/9/26	Sat 1/9/27
D22080	DRG Clarifier 4-6 Mechanism Update	83%	Sat 5/1/21	Sun 5/30/27
D22080	CONSTRUCTION	100%	Mon 2/5/24	Sat 5/30/26
D22080	CLOSEOUT	25%	Sat 5/30/26	Sun 5/30/27
D22098	CCWQTC Re-rating to 9_0 MGD	82%	Fri 10/1/21	Sat 7/31/27
D22098	CONSTRUCTION	100%	Thu 3/9/23	Wed 4/1/26
D22098	CLOSEOUT	23%	Wed 4/1/26	Sat 7/31/27
D22122	MFWQTC MEB Boiler Replacement	100%	Wed 12/1/21	Mon 11/30/26
D22122	CONSTRUCTION PERIOD	100%	Mon 8/1/22	Sun 11/30/25
D22122	CLOSEOUT	100%	Sun 11/30/25	Mon 11/30/26
D22186	MFWQTC Computer Room Upgrades	100%	Thu 3/31/22	Fri 10/31/25
D22186	CLOSEOUT	100%	Tue 10/1/24	Fri 10/31/25
D22213	CCWQTC Tertiary Filtration	84%	Wed 11/3/21	Sat 5/15/27
D22213	CONSTRUCTION	100%	Mon 1/22/24	Fri 11/28/25
D22213	CLOSEOUT	46%	Fri 11/28/25	Sat 5/15/27
D23159	CCWQTC Maintenance Offices Roof Replacement	100%	Mon 1/2/23	Wed 11/12/25
D23159	CLOSEOUT	100%	Tue 11/12/24	Wed 11/12/25



Project: MSD Asset Manageme
Date: Thu 8/13/26

Task Progress

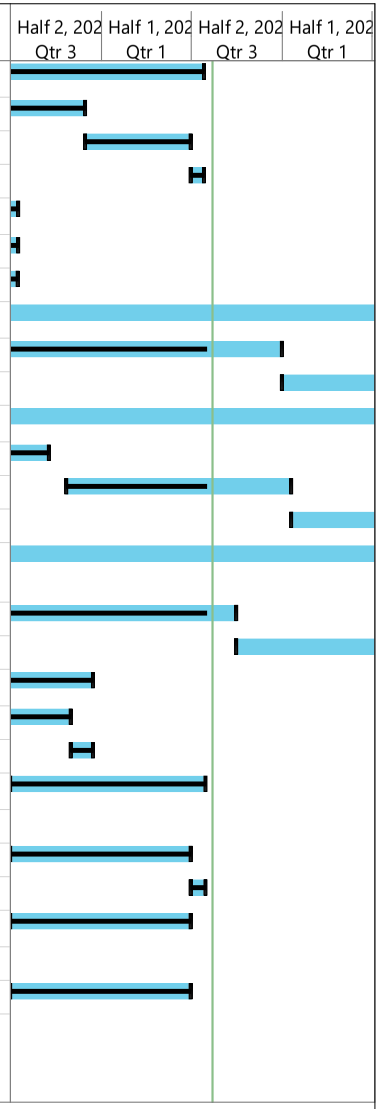
Page 3

Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish
D23168	MFWQTC Odor Control Chemical Storage Building Roof Replacement	100%	Mon 1/2/23	Wed 9/3/25
D23168	CLOSEOUT	100%	Tue 9/3/24	Wed 9/3/25
D23194	MFWQTC Emergency Elevator Project	95%	Mon 5/1/23	Wed 9/30/26
D23194	CONSTRUCTION	100%	Mon 5/1/23	Tue 9/30/25
D23194	CLOSEOUT	85%	Tue 9/30/25	Wed 9/30/26
D24009	AI Aquasight Software at HCWQTC and FFWQTC	100%	Wed 11/1/23	Fri 10/31/25
D24009	SOFTWARE INSTALL	100%	Fri 5/3/24	Wed 10/1/25
D24009	CLOSEOUT	100%	Wed 10/1/25	Fri 10/31/25
D24015	CCWQTC UV Improvements	74%	Sat 7/1/23	Sat 7/17/27
D24015	CONSTRUCTION	100%	Mon 10/21/24	Thu 12/25/25
D24015	CLOSEOUT	36%	Thu 12/25/25	Sat 7/17/27
D24038	HCWQTC Sludge Screens	52%	Sat 7/1/23	Wed 7/4/29
D24038	DESIGN	100%	Mon 12/11/23	Tue 7/21/26
D24038	CONSTRUCTION	0%	Mon 10/19/26	Tue 7/4/28
D24045	Regional WQTC Controls Upgrades	88%	Sat 7/1/23	Sun 11/16/25
D24045	CLOSEOUT	75%	Sat 11/16/24	Sun 11/16/25
D24104	MFWQTC Secondary Load Centers Replacement	67%	Fri 9/1/23	Sun 8/1/27
D24104	CONSTRUCTION	100%	Tue 10/1/24	Sat 8/1/26
D24104	CLOSEOUT	0%	Sat 8/1/26	Sun 8/1/27
D24106	CCWQTC South Electrical Service	100%	Fri 9/1/23	Wed 2/17/27
D24106	CONSTRUCTION	100%	Mon 5/20/24	Fri 1/23/26
D24106	CLOSEOUT	100%	Fri 1/23/26	Wed 2/17/27
D24149	MFWQTC Digester Gas Hydrogen Sulfide Removal	62%	Thu 1/4/24	Thu 9/16/27
D24149	CONSTRUCTION	93%	Mon 11/4/24	Wed 9/16/26
D24149	CLOSEOUT	0%	Wed 9/16/26	Thu 9/16/27
D24169	Western Outfall Sewershed Studies	100%	Mon 3/4/24	Thu 7/31/25
D24169	CLOSEOUT	100%	Mon 9/30/24	Thu 7/31/25

Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish
D24187	North Galt Avenue Sewer Replacement	100%	Mon 7/1/24	Mon 7/27/26
D24187	DESIGN	100%	Wed 7/10/24	Sat 11/29/25
D24187	CONSTRUCTION	100%	Sat 11/29/25	Tue 6/30/26
D24187	CLOSEOUT	100%	Tue 6/30/26	Mon 7/27/26
D25023	CCWQTC Sludge Storage Blower Upgrade	100%	Mon 7/1/24	Wed 7/16/25
D25023	DESIGN	100%	Wed 1/15/25	Wed 7/16/25
D25023	CLOSEOUT	100%	Mon 6/16/25	Wed 7/16/25
D25055	DRGWQTC Raw Water PS Pump Rebuild	56%	Mon 7/1/24	Thu 12/30/27
D25055	CONSTRUCTION	81%	Fri 11/1/24	Wed 12/30/26
D25055	CLOSEOUT	0%	Wed 12/30/26	Thu 12/30/27
D25056	DRGWQTC Process Water Pump Filter System	53%	Mon 7/1/24	Wed 1/19/28
D25056	DESIGN	100%	Thu 5/15/25	Wed 9/17/25
D25056	CONSTRUCTION	62%	Wed 10/22/25	Tue 1/19/27
D25056	CLOSEOUT	0%	Tue 1/19/27	Wed 1/19/28
D25229	Bells Lane Wet Weather Treatment Facility Peracetic Acid Chemical Feed System Rehabilitation	56%	Mon 7/1/24	Thu 9/30/27
D25229	CONSTRUCTION	88%	Mon 6/2/25	Wed 9/30/26
D25229	CLOSEOUT	0%	Wed 9/30/26	Thu 9/30/27
D25279	FFWQTC Orbital Upgrades	100%	Thu 2/13/25	Mon 12/15/25
D25279	CONSTRUCTION	100%	Mon 2/17/25	Fri 10/31/25
D25279	CLOSEOUT	100%	Fri 10/31/25	Mon 12/15/25
D26021	FY26 Vertical Infrastructure Rehab - MFWQTC	100%	Tue 7/1/25	Thu 7/30/26
D26021	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
D26021	SERVICE PERIOD	100%	Tue 7/1/25	Tue 6/30/26
D26021	CLOSEOUT	100%	Tue 6/30/26	Thu 7/30/26
D26029	FY26 Vertical Infrastructure Rehab - Regional WQTC	100%	Tue 7/1/25	Tue 6/30/26
D26029	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
D26029	SERVICE PERIOD	100%	Tue 7/1/25	Tue 6/30/26
D26029	CLOSEOUT	100%	Tue 6/30/26	Tue 6/30/26



Project: MSD Asset Manageme
Date: Thu 8/13/26

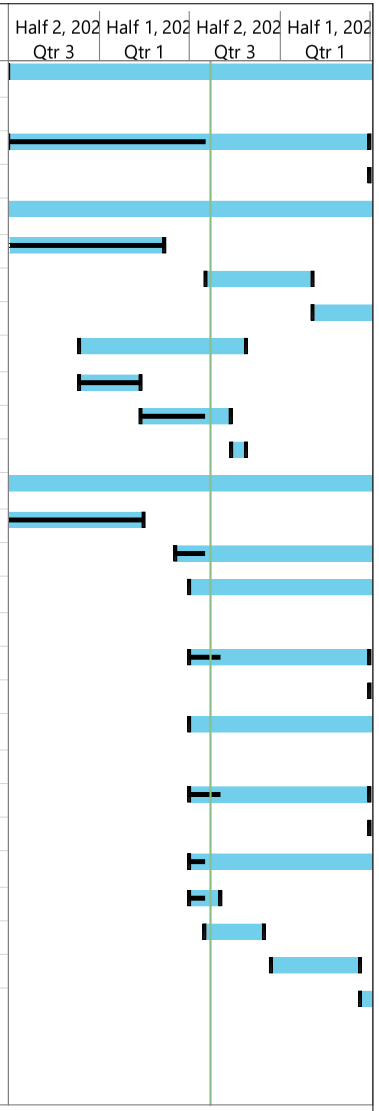
Task

Progress

Page 5

Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish
D26053	FY26_27 Regional WQTC Controls Upgrades	52%	Tue 7/1/25	Fri 7/30/27
D26053	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
D26053	SERVICE PERIOD	54%	Tue 7/1/25	Wed 6/30/27
D26053	CLOSEOUT	0%	Wed 6/30/27	Fri 7/30/27
D26156	MFWQTC Lab HVAC Upgrade	48%	Mon 7/1/24	Mon 3/6/28
D26156	DESIGN	100%	Mon 12/9/24	Tue 5/12/26
D26156	CONSTRUCTION	0%	Mon 8/3/26	Sun 3/7/27
D26156	CLOSEOUT	0%	Sun 3/7/27	Mon 3/6/28
D26172	DRGWQTC Raw Water Pump Station Upgrade Study	74%	Fri 11/21/25	Sat 10/24/26
D26172	INITIATION & PROCUREMENT	100%	Fri 11/21/25	Wed 3/25/26
D26172	STUDY PERIOD	71%	Wed 3/25/26	Wed 9/23/26
D26172	CLOSEOUT	0%	Thu 9/24/26	Sat 10/24/26
D26242	FFWQTC Sludge Storage Tank Improvements	58%	Sat 7/1/23	Mon 7/17/28
D26242	DESIGN	100%	Thu 12/7/23	Tue 3/31/26
D26242	CONSTRUCTION	14%	Wed 6/3/26	Sun 7/18/27
D27018	FY27 Vertical Infrastructure Rehab - MFWQTC	16%	Wed 7/1/26	Fri 7/30/27
D27018	INITIATION & PROCUREMENT	100%	Wed 7/1/26	Wed 7/1/26
D27018	SERVICE PERIOD	17%	Wed 7/1/26	Wed 6/30/27
D27018	CLOSEOUT	0%	Wed 6/30/27	Fri 7/30/27
D27026	FY27 Vertical Infrastructure Rehab - Regional WQTC	16%	Wed 7/1/26	Fri 7/30/27
D27026	INITIATION & PROCUREMENT	100%	Wed 7/1/26	Wed 7/1/26
D27026	SERVICE PERIOD	17%	Wed 7/1/26	Wed 6/30/27
D27026	CLOSEOUT	0%	Wed 6/30/27	Fri 7/30/27
D27066	MFWQTC FEPS Pump Monitor Upgrade	2%	Wed 7/1/26	Sat 6/10/28
D27066	INITIATION & PROCUREMENT	99%	Wed 7/1/26	Tue 9/1/26
D27066	DESIGN	0%	Sat 8/1/26	Sun 11/29/26
D27066	CONSTRUCTION	0%	Sun 12/13/26	Fri 6/11/27
D27066	CLOSEOUT	0%	Fri 6/11/27	Sat 6/10/28



Project: MSD Asset Manageme
Date: Thu 8/13/26

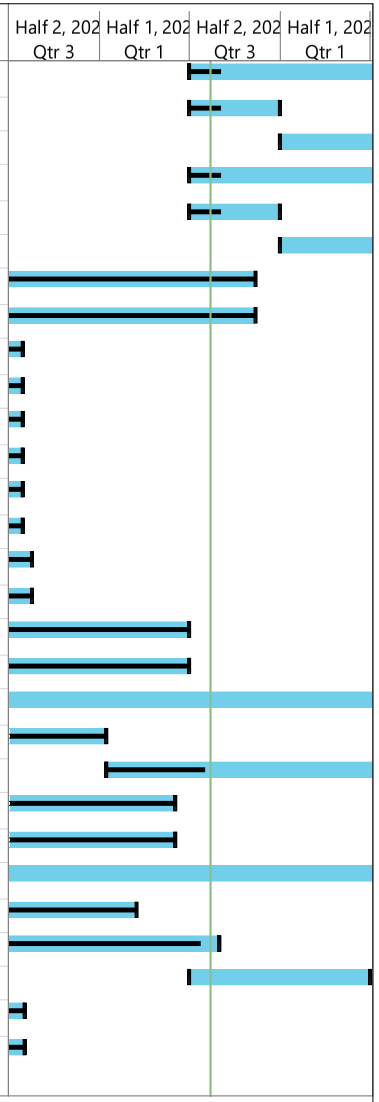
Task

Progress

Page 6

Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish
D27069	CCWQTC Influent PS Pump Hoist	1%	Wed 7/1/26	Sat 7/26/31
D27069	INITIATION & PROCUREMENT	13%	Wed 7/1/26	Wed 12/30/26
D27069	DESIGN	0%	Wed 12/30/26	Sat 5/27/28
D27072	DRGWQTC Clarifier 1-6 Inlet Gate Actuator Replacement	1%	Wed 7/1/26	Sat 7/26/31
D27072	INITIATION & PROCUREMENT	13%	Wed 7/1/26	Wed 12/30/26
D27072	DESIGN	0%	Wed 12/30/26	Sat 5/27/28
E15035	Lake Forest Pump Station Eliminations	100%	Mon 7/5/21	Thu 11/12/26
E15035	CLOSEOUT	100%	Fri 6/13/25	Thu 11/12/26
E21026	FY25 Linear Assets RR	100%	Mon 7/1/24	Wed 7/30/25
E21026	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25
E21028	FY25 CMOM I and C Implementation	100%	Mon 7/1/24	Wed 7/30/25
E21028	CLOSEOUT	100%	Sun 6/15/25	Wed 7/30/25
E21052	FY25 PS Replacement, Overhaul or Elimination	100%	Mon 7/1/24	Wed 7/30/25
E21052	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25
E21071	Wathen Lane PS Rehabilitation	100%	Wed 7/1/20	Mon 8/18/25
E21071	CLOSEOUT	100%	Sun 6/30/24	Mon 8/18/25
E22116	South Shelby St. Sanitary Sewer Improvements	100%	Mon 11/8/21	Tue 6/30/26
E22116	CLOSEOUT	100%	Fri 5/9/25	Tue 6/30/26
E22223	Lantana Drive Pump Station No 1 Elimination	84%	Tue 6/7/22	Sat 7/31/27
E22223	CONSTRUCTION	100%	Mon 11/4/24	Wed 1/14/26
E22223	CLOSEOUT	37%	Wed 1/14/26	Sat 7/31/27
E24017	Cypress Springs PS Elimination	100%	Sat 7/1/23	Wed 6/3/26
E24017	CLOSEOUT	100%	Thu 5/1/25	Wed 6/3/26
E24026	Fox Harbor 1 & 2 and Deep Trail Pump Station Eliminations	63%	Sat 7/1/23	Fri 6/30/28
E24026	DESIGN (PROJECT ON HOLD)	100%	Mon 10/2/23	Tue 3/17/26
E24026	EASEMENTS/LAND ACQUISITION	95%	Fri 5/10/24	Mon 8/31/26
E24026	CONSTRUCTION	0%	Wed 7/1/26	Thu 7/1/27
E24190	Brown School Sewer Repair	100%	Mon 6/3/24	Sun 8/3/25
E24190	CLOSEOUT	100%	Sat 8/3/24	Sun 8/3/25



Project: MSD Asset Manageme
Date: Thu 8/13/26

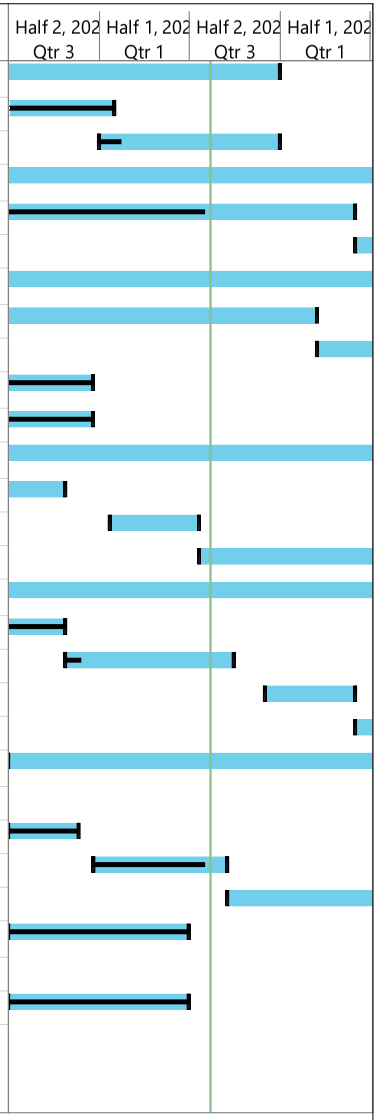
Task Progress

Page 7

Safe, clean waterways

Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish
E25047	Muddy Fork PS Roof Replacement	86%	Mon 7/1/24	Thu 12/31/26
E25047	CONSTRUCTION	100%	Mon 4/21/25	Sat 1/31/26
E25047	CLOSEOUT	69%	Wed 12/31/25	Thu 12/31/26
E25050	OT PLC Network Upgrades	52%	Mon 7/1/24	Tue 5/30/28
E25050	CONSTRUCTION	62%	Fri 3/28/25	Mon 5/31/27
E25050	CLOSEOUT	0%	Mon 5/31/27	Tue 5/30/28
E25065	SWOR2 Inflatable Dam Replacement	7%	Mon 7/1/24	Fri 12/28/29
E25065	INITIATION & PROCUREMENT	24%	Mon 7/1/24	Mon 3/15/27
E25065	DESIGN	0%	Mon 3/15/27	Fri 9/8/28
E25116	Belle of Louisville Force Main Replacement	100%	Mon 7/1/24	Fri 12/19/25
E25116	CLOSEOUT	100%	Thu 12/19/24	Fri 12/19/25
E25309	Southwestern Outfall Odor Modeling	23%	Thu 5/15/25	Wed 7/21/27
E25309	DESIGN	91%	Mon 6/2/25	Fri 10/24/25
E25309	CONSTRUCTION	0%	Thu 1/22/26	Tue 7/21/26
E25309	CLOSEOUT	0%	Tue 7/21/26	Wed 7/21/27
E25311	Muddy Fork Generator Replacement	46%	Thu 5/15/25	Wed 5/31/28
E25311	INITIATION & PROCUREMENT	100%	Thu 5/15/25	Fri 10/24/25
E25311	DESIGN	92%	Fri 10/24/25	Tue 9/29/26
E25311	CONSTRUCTION	0%	Tue 12/1/26	Tue 6/1/27
E25311	CLOSEOUT	0%	Tue 6/1/27	Wed 5/31/28
E25313	Mellwood PS Generator Replacement	36%	Tue 7/1/25	Thu 9/16/27
E25313	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
E25313	DESIGN	100%	Tue 7/1/25	Thu 11/20/25
E25313	CONSTRUCTION	83%	Sat 12/20/25	Wed 9/16/26
E25313	CLOSEOUT	0%	Wed 9/16/26	Thu 9/16/27
E26007	FY26 Linear Assets RR	100%	Tue 7/1/25	Tue 6/30/26
E26007	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
E26007	SERVICE PERIOD	100%	Tue 7/1/25	Tue 6/30/26
E26007	CLOSEOUT	100%	Tue 6/30/26	Tue 6/30/26



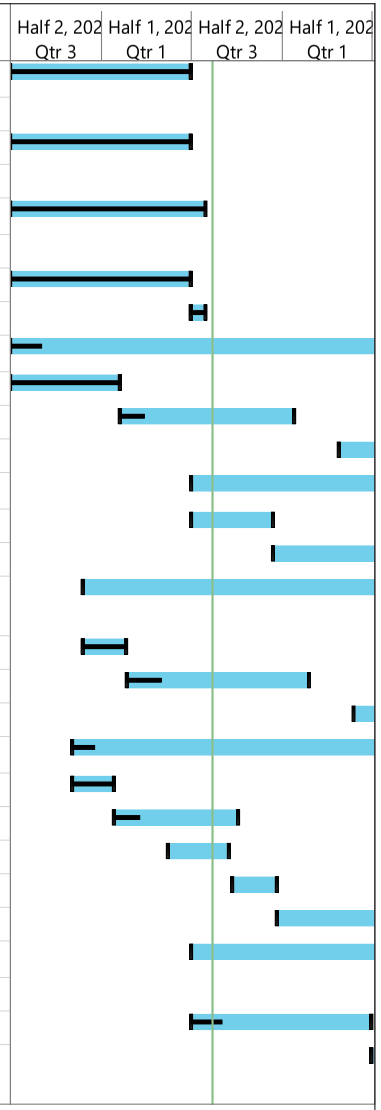
Project: MSD Asset Manageme
Date: Thu 8/13/26

Task Progress

Page 8

Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish
E26010	FY26 Linear Infrastructure Rehab	100%	Tue 7/1/25	Tue 6/30/26
E26010	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
E26010	SERVICE PERIOD	100%	Tue 7/1/25	Tue 6/30/26
E26010	CLOSEOUT	100%	Tue 6/30/26	Tue 6/30/26
E26028	FY26 Vertical Infrastructure Rehab - Collections	100%	Tue 7/1/25	Thu 7/30/26
E26028	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
E26028	SERVICE PERIOD	100%	Tue 7/1/25	Tue 6/30/26
E26028	CLOSEOUT	100%	Tue 6/30/26	Thu 7/30/26
E26060	Barbour Ln PS Improvements	24%	Tue 7/1/25	Mon 4/23/29
E26060	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Fri 2/6/26
E26060	DESIGN	52%	Fri 2/6/26	Sun 1/24/27
E26060	CONSTRUCTION	0%	Sat 4/24/27	Sun 4/23/28
E26153	Chamberlain Lane PS Diversion	0%	Wed 7/1/26	Wed 5/8/30
E26153	INITIATION & PROCUREMENT	0%	Wed 7/1/26	Sun 12/13/26
E26153	DESIGN	0%	Sun 12/13/26	Wed 5/10/28
E26157	West Goose Creek FM ARVs Replacement and Site Access Improvements	24%	Mon 11/24/25	Sat 10/21/28
E26157	INITIATION & PROCUREMENT	100%	Mon 11/24/25	Fri 2/20/26
E26157	DESIGN	49%	Sat 2/21/26	Wed 2/24/27
E26157	CONSTRUCTION	0%	Tue 5/25/27	Fri 10/22/27
E26158	North 32nd St Sanitary Sewer Improvement	32%	Mon 11/3/25	Tue 12/21/27
E26158	INITIATION & PROCUREMENT	100%	Mon 11/3/25	Mon 1/26/26
E26158	DESIGN	86%	Mon 1/26/26	Sun 10/4/26
E26158	EASEMENTS/LAND ACQUISITION	0%	Fri 5/15/26	Tue 9/15/26
E26158	CONSTRUCTION	0%	Tue 9/22/26	Mon 12/21/26
E26158	CLOSEOUT	0%	Mon 12/21/26	Tue 12/21/27
E27005	FY27 Linear Assets RR	16%	Wed 7/1/26	Fri 7/30/27
E27005	INITIATION & PROCUREMENT	100%	Wed 7/1/26	Wed 7/1/26
E27005	SERVICE PERIOD	17%	Wed 7/1/26	Wed 6/30/27
E27005	CLOSEOUT	0%	Wed 6/30/27	Fri 7/30/27



Project: MSD Asset Manageme
Date: Thu 8/13/26

Task

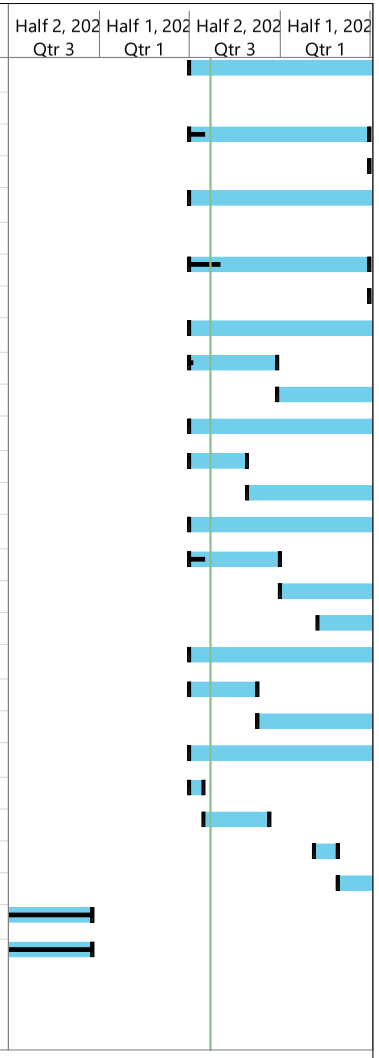
Progress

Page 9

Safe, clean waterways

Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish
E27008	FY27 Linear Infrastructure Rehabilitation Program	8%	Wed 7/1/26	Fri 7/30/27
E27008	INITIATION & PROCUREMENT	100%	Wed 7/1/26	Wed 7/1/26
E27008	SERVICE PERIOD	8%	Wed 7/1/26	Wed 6/30/27
E27008	CLOSEOUT	0%	Wed 6/30/27	Fri 7/30/27
E27025	FY27 Vertical Infrastructure Rehab - Collections	16%	Wed 7/1/26	Fri 7/30/27
E27025	INITIATION & PROCUREMENT	100%	Wed 7/1/26	Wed 7/1/26
E27025	SERVICE PERIOD	17%	Wed 7/1/26	Wed 6/30/27
E27025	CLOSEOUT	0%	Wed 6/30/27	Fri 7/30/27
E27030	Manning Rd_Cardinal Driver Sewer Rehab	0%	Wed 7/1/26	Fri 10/11/30
E27030	INITIATION & PROCUREMENT	2%	Wed 7/1/26	Sat 12/26/26
E27030	DESIGN	0%	Sat 12/26/26	Mon 2/7/28
E27052	MDS Gate 1 Replacement and ORI Inspection	1%	Wed 7/1/26	Thu 5/22/31
E27052	INITIATION & PROCUREMENT	18%	Wed 7/1/26	Mon 10/26/26
E27052	DESIGN	0%	Mon 10/26/26	Thu 3/23/28
E27060	Long Creek Way PS Oxygen Injection	0%	Wed 7/1/26	Tue 12/31/30
E27060	INITIATION & PROCUREMENT	6%	Wed 7/1/26	Wed 12/30/26
E27060	DESIGN	0%	Wed 12/30/26	Sat 5/27/28
E27060	EASEMENTS/LAND ACQUISITION	0%	Tue 3/16/27	Sun 3/12/28
E27062	DV-7 Maintenance Access Improvements	0%	Wed 7/1/26	Sun 8/12/29
E27062	INITIATION & PROCUREMENT	0%	Wed 7/1/26	Mon 11/16/26
E27062	DESIGN	0%	Mon 11/16/26	Sun 8/15/27
E27104	Southwest PS VFD Replacement	3%	Wed 7/1/26	Wed 4/26/28
E27104	INITIATION & PROCUREMENT	99%	Wed 7/1/26	Thu 7/30/26
E27104	DESIGN	0%	Thu 7/30/26	Thu 12/10/26
E27104	CONSTRUCTION	0%	Wed 3/10/27	Tue 4/27/27
E27104	CLOSEOUT	0%	Tue 4/27/27	Wed 4/26/28
F15010	Gate 102 Replacement	100%	Fri 1/8/16	Thu 12/18/25
F15010	CLOSEOUT	100%	Sun 11/19/23	Thu 12/18/25



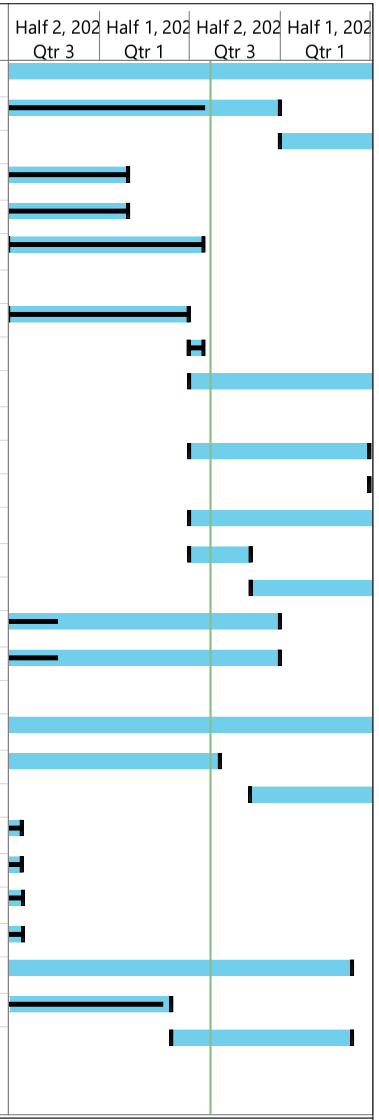
Project: MSD Asset Manageme
Date: Thu 8/13/26

Task

Progress

Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish
F23052	Flood Gate 114 Replacement	69%	Mon 10/3/22	Fri 12/31/27
F23052	CONSTRUCTION	79%	Mon 1/6/25	Thu 12/31/26
F23052	CLOSEOUT	0%	Thu 12/31/26	Fri 12/31/27
F24062	Starkey PS Hydraulic Actuator Replacement	100%	Sat 7/15/23	Sat 2/28/26
F24062	CLOSEOUT	100%	Fri 2/28/25	Sat 2/28/26
G26030	FY26 Renewal & Replacement	100%	Tue 7/1/25	Thu 7/30/26
G26030	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
G26030	SERVICE PERIOD	100%	Tue 7/1/25	Tue 6/30/26
G26030	CLOSEOUT	100%	Tue 6/30/26	Thu 7/30/26
G27027	FY27 Renewal & Replacement	0%	Wed 7/1/26	Fri 7/30/27
G27027	INITIATION & PROCUREMENT	100%	Wed 7/1/26	Wed 7/1/26
G27027	SERVICE PERIOD	0%	Wed 7/1/26	Wed 6/30/27
G27027	CLOSEOUT	0%	Wed 6/30/27	Fri 7/30/27
G27073	FFWQTC Admin Building Roof and Gutter Replacement	1%	Wed 7/1/26	Thu 5/29/31
G27073	INITIATION & PROCUREMENT	11%	Wed 7/1/26	Mon 11/2/26
G27073	DESIGN	0%	Mon 11/2/26	Thu 3/30/28
H18168	CRRP - Ten Year Update	41%	Mon 12/2/24	Thu 12/31/26
H18168	INITIATION & PROCUREMENT	41%	Mon 12/2/24	Thu 12/31/26
H18168	CLOSEOUT	0%	Thu 12/31/26	Thu 12/31/26
H20021	Admiral Rd Storage	56%	Fri 4/1/22	Sat 1/19/30
H20021	DESIGN	98%	Sun 7/3/22	Tue 9/1/26
H20021	CONSTRUCTION	0%	Sun 11/1/26	Fri 1/19/29
H22014	MFWQTC Groundwater Dewatering System Automation	100%	Thu 6/3/21	Mon 7/28/25
H22014	CLOSEOUT	100%	Mon 6/10/24	Mon 7/28/25
H22018	CCWQTC Sludge Storage Tank Improvements	100%	Thu 7/1/21	Thu 7/31/25
H22018	CLOSEOUT	100%	Sun 3/31/24	Thu 7/31/25
H22022	SGC Gate Replacements	83%	Thu 7/1/21	Wed 5/26/27
H22022	CONSTRUCTION	99%	Thu 7/1/21	Tue 5/26/26
H22022	CLOSEOUT	16%	Tue 5/26/26	Wed 5/26/27



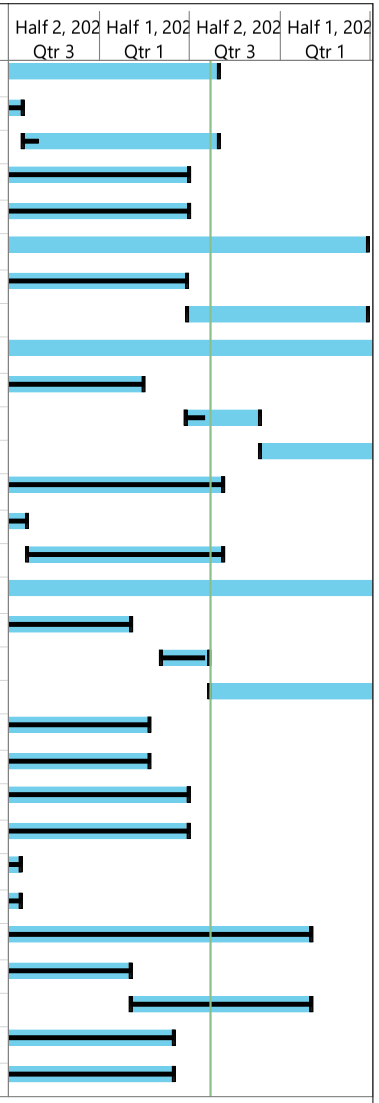
Project: MSD Asset Manageme
Date: Thu 8/13/26

Task

Progress

Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish
H22032	DRGWQTC Sodium Bisulfite Bldg Improvements	98%	Thu 7/1/21	Sun 8/30/26
H22032	CONSTRUCTION	100%	Wed 5/24/23	Wed 7/30/25
H22032	CLOSEOUT	95%	Wed 7/30/25	Sun 8/30/26
H22038	Sneads Branch Pump Replacement	100%	Tue 9/7/21	Wed 7/1/26
H22038	CLOSEOUT	100%	Mon 5/19/25	Wed 7/1/26
H23018	Hite Creek Main Interceptor	78%	Thu 9/22/22	Sun 6/27/27
H23018	CONSTRUCTION	100%	Mon 6/2/25	Sat 6/27/26
H23018	CLOSEOUT	1%	Sat 6/27/26	Sun 6/27/27
H23039	Middletown Station PS Elimination	50%	Fri 7/1/22	Tue 12/21/27
H23039	DESIGN	100%	Mon 9/26/22	Tue 3/31/26
H23039	CONSTRUCTION	25%	Wed 6/24/26	Sat 11/21/26
H23039	CLOSEOUT	0%	Sat 11/21/26	Tue 12/21/27
H23041	Olde Copper Ct PS Elimination	100%	Fri 7/1/22	Tue 9/8/26
H23041	CONSTRUCTION	100%	Mon 3/24/25	Fri 8/8/25
H23041	CLOSEOUT	100%	Fri 8/8/25	Tue 9/8/26
H23043	Parkwood PS Elimination	70%	Fri 7/1/22	Tue 8/10/27
H23043	DESIGN	100%	Mon 10/3/22	Thu 3/5/26
H23043	CONSTRUCTION	90%	Mon 5/4/26	Mon 8/10/26
H23043	CLOSEOUT	0%	Mon 8/10/26	Tue 8/10/27
H23050	WQTC Regional Lab Upgrade	100%	Fri 7/1/22	Sat 4/11/26
H23050	CLOSEOUT	100%	Fri 4/11/25	Sat 4/11/26
H23175	California Maple St Trap Catch Basin Rehab	100%	Tue 2/7/23	Tue 6/30/26
H23175	CLOSEOUT	100%	Mon 6/30/25	Tue 6/30/26
H23179	CSO 140 Outfall Reconstruction	100%	Wed 3/1/23	Fri 7/25/25
H23179	CLOSEOUT	100%	Sat 6/8/24	Fri 7/25/25
H24193	Goose Creek II Rehabilitation	100%	Mon 7/1/24	Fri 3/5/27
H24193	CONSTRUCTION	100%	Mon 3/10/25	Thu 3/5/26
H24193	CLOSEOUT	100%	Thu 3/5/26	Fri 3/5/27
H24194	Floydsburg Road I&I Investigation and Rehabilitation	100%	Mon 7/1/24	Sun 5/31/26
H24194	CLOSEOUT	100%	Sat 5/31/25	Sun 5/31/26



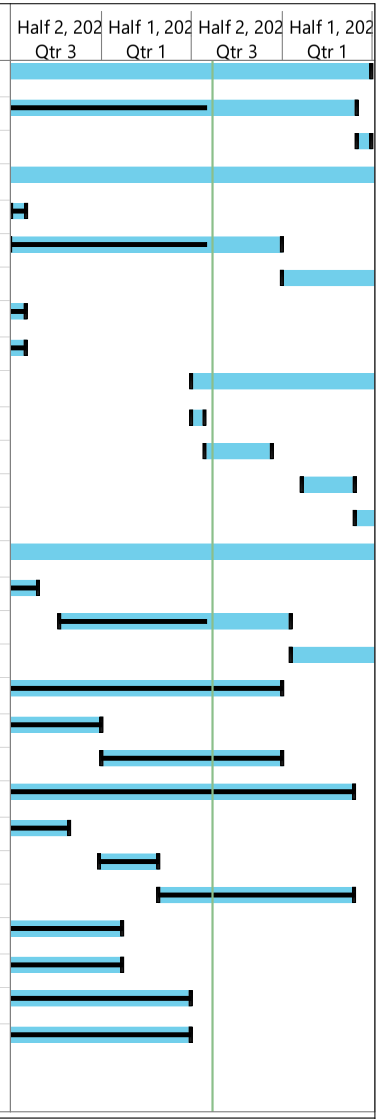
Project: MSD Asset Manageme
Date: Thu 8/13/26

Task

Progress

Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish
H25031	Neighborhood Odor Control Catch Basin Investigations	70%	Mon 7/1/24	Wed 6/30/27
H25031	SERVICE PERIOD	71%	Mon 7/1/24	Mon 5/31/27
H25031	CLOSEOUT	0%	Mon 5/31/27	Wed 6/30/27
H25032	Chickasaw Trap Catch Basin Rehab	44%	Mon 7/1/24	Fri 12/31/27
H25032	DESIGN	100%	Thu 7/3/25	Sat 8/2/25
H25032	CONSTRUCTION	72%	Tue 7/1/25	Thu 12/31/26
H25032	CLOSEOUT	0%	Thu 12/31/26	Fri 12/31/27
H25039	ORFM Technology Study	100%	Mon 7/1/24	Thu 7/31/25
H25039	CLOSEOUT	100%	Fri 5/30/25	Thu 7/31/25
H25040	Collections System Foul Air Extraction Improvements	0%	Wed 7/1/26	Fri 5/26/28
H25040	INITIATION & PROCUREMENT	0%	Wed 7/1/26	Tue 7/28/26
H25040	DESIGN	0%	Tue 7/28/26	Fri 12/11/26
H25040	CONSTRUCTION	0%	Tue 2/9/27	Thu 5/27/27
H25040	CLOSEOUT	0%	Thu 5/27/27	Fri 5/26/28
H25053	Bells Lane Odor Mitigation - EQ and HRT	51%	Mon 7/1/24	Tue 1/18/28
H25053	DESIGN	100%	Tue 8/13/24	Tue 8/26/25
H25053	CONSTRUCTION	63%	Wed 10/8/25	Mon 1/18/27
H25053	CLOSEOUT	0%	Mon 1/18/27	Tue 1/18/28
H25059	Taylor-Berry Catch Basin Replacement	100%	Mon 7/1/24	Fri 1/1/27
H25059	CONSTRUCTION	100%	Mon 1/6/25	Thu 1/1/26
H25059	CLOSEOUT	100%	Thu 1/1/26	Fri 1/1/27
H25083	Starkey PS Odor Mitigation Chemical Use Assessment	100%	Mon 7/1/24	Tue 5/25/27
H25083	DESIGN	100%	Sat 11/30/24	Mon 10/27/25
H25083	CONSTRUCTION	100%	Fri 12/26/25	Sat 4/25/26
H25083	CLOSEOUT	100%	Sat 4/25/26	Tue 5/25/27
H25227	E. Market St Catch Basin Replacement	100%	Tue 10/1/24	Wed 2/11/26
H25227	CLOSEOUT	100%	Sun 1/12/25	Wed 2/11/26
H25241	W Main St Catch Basin Replacement	100%	Fri 11/1/24	Tue 6/30/26
H25241	CLOSEOUT	100%	Mon 6/30/25	Tue 6/30/26

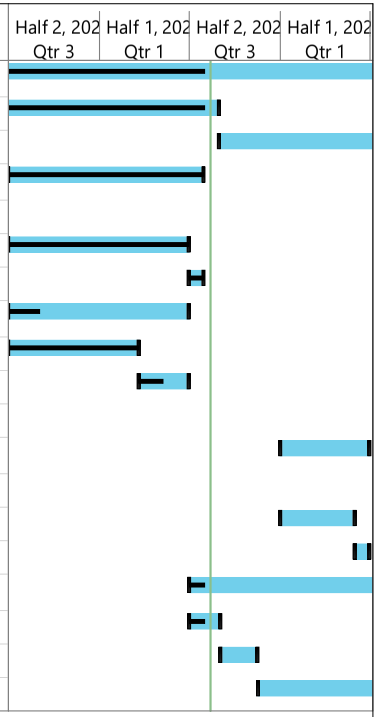


Project: MSD Asset Manageme
Date: Thu 8/13/26

Task Progress

Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish
H25277	Chicksaw Trap Catch Basin Replacement Phase 1	47%	Wed 6/18/25	Tue 12/31/30
H25277	CONSTRUCTION	93%	Wed 6/18/25	Sun 8/30/26
H25277	CLOSEOUT	0%	Sun 8/30/26	Tue 12/31/30
H26059	FY26 Private Property Illicit Discharge Program	100%	Tue 7/1/25	Thu 7/30/26
H26059	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25
H26059	SERVICE PERIOD	100%	Tue 7/1/25	Tue 6/30/26
H26059	CLOSEOUT	100%	Tue 6/30/26	Thu 7/30/26
H26061	Overflow Sampling and Monitoring Equipment Replacement	76%	Tue 7/1/25	Tue 6/30/26
H26061	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Sat 3/21/26
H26061	DESIGN	48%	Sat 3/21/26	Tue 6/30/26
H26061	CLOSEOUT	0%	Tue 6/30/26	Tue 6/30/26
H27057	FY27 Brick Sewer Repairs	0%	Fri 1/1/27	Wed 6/30/27
H27057	INITIATION & PROCUREMENT	0%	Fri 1/1/27	Fri 1/1/27
H27057	SERVICE PERIOD	0%	Fri 1/1/27	Mon 5/31/27
H27057	CLOSEOUT	0%	Mon 5/31/27	Wed 6/30/27
H27064	Alternate OT Data Center	1%	Wed 7/1/26	Mon 10/16/28
H27064	INITIATION & PROCUREMENT	51%	Wed 7/1/26	Tue 9/1/26
H27064	DESIGN	0%	Tue 9/1/26	Sun 11/15/26
H27064	CONSTRUCTION	0%	Mon 11/16/26	Mon 10/16/28



Project: MSD Asset Manageme
Date: Thu 8/13/26

Task

Progress

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APPENDIX A AUTHORIZED DISCHARGES - WET WEATHER CSOS

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CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
CSO015	07/14/2025 04:30	07/14/2025 05:00	30	0.04	1,418,220	0.03	3	Atlas		55,311	1
	07/14/2025 14:15	07/14/2025 15:30	75	0.7	151,781	0.6	1	Atlas		106,702	1
	07/17/2025 12:30	07/18/2025 02:45	855	1.23	28,177,060	0.67	3	Atlas		34,573,253	1
	07/18/2025 22:15	07/20/2025 05:00	1845	0.63	126,717,808	0.5	1	Atlas		80,085,655	1
	07/28/2025 19:15	07/28/2025 21:30	135	1.15	18,245,255	0.97	1	Atlas		20,963,798	1
	09/21/2025 17:30	09/21/2025 19:30	120	0.38	1,492,827	0.33	1	Atlas		567,274	1
	10/29/2025 07:30	10/29/2025 09:15	105	1.55	176,186	0.52	24	Atlas		272,559	1
	10/29/2025 17:30	10/30/2025 13:15	1185	1.55	14,934,792	0.52	24	Atlas		23,104,123	1
	11/18/2025 11:30	11/18/2025 12:15	45	0.66	114,427	0.25	24	Atlas		75,064	1
	11/18/2025 21:45	11/18/2025 22:00	15	0.66	56,594	0.25	24	Atlas		37,126	1
	11/25/2025 17:00	11/25/2025 17:30	30	0.4	82,166	0.17	12	Atlas		32,784	1
	12/18/2025 20:15	12/19/2025 13:30	1035	0.78	17,885,912					14,004,669	1
	02/11/2026 08:15	02/11/2026 09:15	60	0.02	2,076,771	0.01	3	Atlas		43,612	1
	05/21/2026 13:45	05/21/2026 14:45	60	0	18,059,855	0	1	Atlas		72,239	1
	05/22/2026 20:00	05/23/2026 17:15	1275	1.43	71,164,950	0.63	6	Atlas		101,765,879	1
CSO015 Total										275,760,047	15
CSO016	07/01/2025 05:00	07/01/2025 08:45	225	0.59	6,798,563	0.48	1	Atlas		4,045,145	1
	07/13/2025 21:30	07/13/2025 23:00	90	0.04	912,259	0.03	3	Atlas		40,139	1
	07/15/2025 14:45	07/15/2025 16:15	90	0.45	138,841	0.39	1	Atlas		62,479	1
	07/17/2025 15:45	07/18/2025 05:30	825	1.22	8,486,977	0.64	3	Atlas		10,337,138	1
	07/18/2025 22:30	07/19/2025 07:00	510	0.56	23,350,591	0.43	1	Atlas		13,076,331	1
	07/19/2025 15:00	07/20/2025 03:45	765	0.65	13,995,532	0.4	3	Atlas		9,055,109	1
	07/28/2025 19:15	07/29/2025 06:15	660	1.16	7,538,547	0.97	1	Atlas		8,744,715	1
	08/05/2025 19:00	08/06/2025 04:30	570	0.15	75,086,889	0.11	1	Atlas		11,187,946	1
	09/04/2025 07:30	09/04/2025 09:30	120	0.56	644,303	0.31	6	Atlas		358,877	1
	09/14/2025 07:30	09/14/2025 13:00	330	1.28	2,926,653	0.73	3	Atlas		3,751,969	1
	09/21/2025 11:45	09/21/2025 13:30	105	0.4	475,026	0.35	1	Atlas		189,535	1
	09/22/2025 13:45	09/22/2025 19:15	330	0.91	11,266,908	0.39	12	Atlas		10,264,153	1
	09/24/2025 21:45	09/25/2025 07:15	570	0.73	21,430,039	0.34	6	Atlas		15,601,068	1
	10/06/2025 22:30	10/08/2025 03:15	1725	2.74	8,569,874	1.28	6	Cloudburst		23,507,166	1
	10/19/2025 02:30	10/19/2025 11:30	540	0.52	9,912,567	0.26	6	Atlas		5,154,535	1
	10/29/2025 11:15	10/30/2025 15:00	1665	1.58	10,574,975	0.54	24	Atlas		16,697,885	1
	11/18/2025 12:45	11/19/2025 03:00	855	0.71	14,492,566	0.27	24	Atlas		10,231,752	1
	11/21/2025 16:45	11/21/2025 21:00	255	0.29	9,899,801	0.12	1	Atlas		2,880,842	1
	12/18/2025 19:15	12/19/2025 04:45	570	0.8	13,607,584					10,913,283	1
	12/28/2025 23:00	12/29/2025 02:30	210	0.4	4,303,747	0.35	1	Atlas		1,725,803	1
	02/15/2026 09:00	02/15/2026 13:45	285	0.49	5,112,703	0.2	12	Atlas		2,479,661	1

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
	02/19/2026 16:30	02/19/2026 18:30	120	0.17	3,247,259	0.13	1	Atlas		552,034	1
	03/02/2026 14:30	03/02/2026 19:00	270	0.53	4,316,222	0.24	12	Atlas		2,266,017	1
	03/03/2026 11:30	03/03/2026 15:00	210	0.22	8,956,206	0.15	3	Atlas		1,934,541	1
	03/04/2026 07:15	03/06/2026 17:45	3510	0.9	47,581,192	0.4	12	Atlas		42,680,329	1
	03/07/2026 11:15	03/08/2026 07:15	1200	0.79	27,915,237	0.41	3	Atlas		21,969,291	1
	03/11/2026 19:00	03/11/2026 21:30	150	0.22	1,213,107	0.11	3	Atlas		265,670	1
	03/16/2026 00:00	03/16/2026 11:00	660	0.81	19,862,426	0.5	3	Atlas		16,108,427	1
	03/27/2026 09:00	03/27/2026 12:00	180	0.28	3,457,426	0.18	3	Atlas		954,250	1
	04/04/2026 18:15	04/04/2026 18:45	30	0.41	6,480	0.22	1	Atlas		2,663	1
	04/24/2026 21:30	04/25/2026 00:45	195	0.34	3,003,526	0.23	3	Atlas		1,021,199	1
	04/27/2026 19:15	04/29/2026 00:30	1755	2.81	9,754,941	4.6	6	Cloudburst		27,421,140	1
	05/05/2026 19:15	05/06/2026 07:45	750	0.84	14,127,638	0.35	12	Atlas		11,824,833	1
	05/16/2026 18:00	05/17/2026 01:00	420	0.65	9,141,745	0.47	1	Atlas		5,978,701	1
	05/18/2026 22:30	05/19/2026 05:30	420	0.77	16,149,321	0.56	1	Atlas		12,499,574	1
	05/19/2026 16:30	05/20/2026 00:00	450	1.09	10,146,032	0.37	24	Atlas		11,049,029	1
	05/20/2026 16:00	05/20/2026 19:45	225	1.09	1,120,451	0.37	24	Atlas		1,220,171	1
	05/22/2026 17:45	05/23/2026 19:15	1530	1.5	15,661,206	0.66	6	Atlas		23,538,792	1
	05/24/2026 14:30	05/24/2026 20:30	360	0.19	21,605,817	0.1	1	Atlas		4,083,499	1
	05/26/2026 12:45	05/26/2026 23:45	660	0.61	24,477,367	0.36	3	Atlas		14,980,148	1
CSO016 Total										360,655,839	40
CSO019	07/17/2025 17:00	07/18/2025 00:45	465	1	2,074,242	0.52	6	Atlas		2,068,019	1
	10/07/2025 09:45	10/07/2025 11:45	120	2	1,304,994	0.65	48	Atlas		2,609,989	1
	03/07/2026 13:30	03/07/2026 21:15	465	0.78	952,239	0.41	3	Atlas		737,985	1
	04/27/2026 19:45	04/28/2026 09:45	840	2.82	5,633,330	4.77	6	Cloudburst		15,897,257	1
	05/16/2026 18:15	05/17/2026 01:00	405	1.27	3,655,571	0.81	1	Atlas		4,653,542	1
	05/18/2026 23:15	05/19/2026 06:00	405	0.84	558,243	0.57	1	Atlas		470,041	1
	05/22/2026 21:30	05/22/2026 23:45	135	1.57	1,128,317	0.63	6	Atlas		1,772,585	1
CSO019 Total										28,209,418	7
CSO020	07/17/2025 18:00	07/17/2025 21:15	195	1.67	361,473	0.9	3	Atlas		602,937	1
	07/19/2025 15:15	07/19/2025 16:45	90	0.68	176,021	0.44	1	Atlas		120,222	1
	08/05/2025 18:30	08/05/2025 20:15	105	0.5	254,089	0.43	1	Atlas		126,536	1
	09/24/2025 23:00	09/25/2025 00:15	75	1.04	12,318	0.37	6	Atlas		12,773	1
	10/07/2025 08:45	10/08/2025 02:45	1080	2.61	4,927,103	1.33	6	Cloudburst		12,840,030	1
	12/18/2025 19:30	12/18/2025 21:30	120	0.93	138,716					129,422	1
	12/28/2025 22:30	12/28/2025 23:15	45	0.33	11,421	0.28	1	Atlas		3,758	1
	04/27/2026 20:00	04/29/2026 14:45	2565	2.75	13,251,758	4.37	6	Cloudburst		36,495,342	1

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
	05/19/2026 17:00	05/19/2026 20:30	210	1.4	197,818	0.61	3	Atlas		276,154	1
	05/22/2026 21:15	05/23/2026 02:15	300	1.54	382,907	0.68	6	Atlas		590,059	1
CSO020 Total										51,197,233	10
CSO022	07/17/2025 15:45	07/17/2025 18:45	180	2.25	927,592	2.79	3	Atlas		2,082,443	1
	07/18/2025 23:45	07/19/2025 00:00	15	0.57	596,268	0.43	1	Atlas		338,680	1
	07/19/2025 15:15	07/19/2025 15:45	30	0.57	1,270,869	0.36	3	Atlas		726,937	1
	07/28/2025 19:45	07/28/2025 20:15	30	0.53	1,471,153	0.42	1	Atlas		772,355	1
	08/05/2025 18:45	08/05/2025 19:15	30	0.5	1,505,708	0.43	1	Atlas		751,348	1
	09/22/2025 14:45	09/22/2025 15:00	15	0.67	568,276	0.35	3	Atlas		383,018	1
	10/07/2025 10:45	10/07/2025 12:30	105	2.58	1,067,421	1.14	6	Cloudburst		2,755,015	1
	11/18/2025 19:15	11/18/2025 19:30	15	0.95	348,656	0.38	1	Atlas		332,617	1
	04/27/2026 19:45	04/28/2026 02:00	375	2.78	1,440,016	4.48	6	Cloudburst		3,997,485	1
CSO022 Total										12,139,899	9
CSO023	07/17/2025 18:15	07/17/2025 18:30	15	2.25	183,157	2.79	3	Atlas		411,186	1
	10/07/2025 11:00	10/07/2025 12:00	60	2.58	596,592	1.14	6	Cloudburst		1,539,804	1
	04/27/2026 20:45	04/27/2026 21:15	30	2.78	382,334	4.48	6	Cloudburst		1,061,359	1
	05/22/2026 21:30	05/22/2026 21:45	15	1.39	122,386	0.63	6	Atlas		169,994	1
CSO023 Total										3,182,343	4
CSO027	07/28/2025 19:00	07/28/2025 19:15	15	1.04	2	0.86	1	Atlas		2	1
	10/07/2025 10:15	10/07/2025 10:45	30	2.9	1,643	2.35	6	Cloudburst		4,771	1
	04/27/2026 20:00	04/27/2026 20:15	15	2.62	1,342	3.62	6	Cloudburst		3,511	1
	05/16/2026 17:30	05/16/2026 17:45	15	1.04	2,961	0.84	1	Atlas		3,073	1
	05/19/2026 16:15	05/19/2026 16:30	15	1.56	1,851	0.71	3	Atlas		2,886	1
CSO027 Total										14,244	5
CSO028	07/17/2025 14:45	07/17/2025 17:30	165	1.81	14,376	1.1	3	Atlas		25,993	1
	07/18/2025 22:30	07/18/2025 22:45	15	0.69	27,165	0.56	1	Atlas		18,853	1
	07/19/2025 14:15	07/19/2025 14:30	15	0.67	24,272	0.43	3	Atlas		16,311	1
	07/28/2025 18:45	07/28/2025 19:15	30	1.04	34,325	0.86	1	Atlas		35,732	1
	08/05/2025 17:45	08/05/2025 18:00	15	0.63	29,450	0.53	1	Atlas		18,465	1
	10/07/2025 07:00	10/07/2025 11:00	240	2.9	92,888	2.35	6	Cloudburst		269,746	1
	04/27/2026 18:45	04/28/2026 00:45	360	2.62	97,995	3.62	6	Cloudburst		256,355	1
	05/16/2026 17:15	05/16/2026 17:45	30	1.04	139,102	0.84	1	Atlas		144,388	1
	05/18/2026 22:00	05/18/2026 22:15	15	0.85	30,207	0.65	1	Atlas		25,736	1
	05/19/2026 16:00	05/19/2026 18:15	135	1.56	79,154	0.71	3	Atlas		123,402	1
	05/22/2026 20:30	05/22/2026 20:45	15	1.47	525	0.66	6	Atlas		769	1

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
CSO028 Total										935,749	11
CSO029	07/17/2025 14:30	07/17/2025 17:30	180	1.81	23,798	1.1	3	Atlas		43,026	1
	07/18/2025 22:30	07/18/2025 22:45	15	0.69	16,021	0.56	1	Atlas		11,118	1
	07/28/2025 18:45	07/28/2025 19:00	15	1.04	56,990	0.86	1	Atlas		59,327	1
	08/05/2025 17:30	08/05/2025 18:00	30	0.63	82,357	0.53	1	Atlas		51,638	1
	10/07/2025 09:45	10/07/2025 11:15	90	2.9	386,482	2.35	6	Cloudburst		1,122,343	1
	04/27/2026 19:45	04/28/2026 00:30	285	2.62	108,597	3.62	6	Cloudburst		284,090	1
	05/16/2026 17:15	05/16/2026 17:30	15	1.04	90,452	0.84	1	Atlas		93,890	1
	05/18/2026 21:45	05/18/2026 22:00	15	0.85	502	0.65	1	Atlas		427	1
	05/19/2026 15:45	05/19/2026 16:15	30	1.56	24,212	0.71	3	Atlas		37,746	1
CSO029 Total										1,703,605	9
CSO031	07/28/2025 19:00	07/28/2025 19:15	15	1.04	1,129	0.86	1	Atlas		1,175	1
	09/14/2025 01:15	09/14/2025 01:30	15	0.32	1	0.15	12	Atlas		0	1
	09/22/2025 13:45	09/22/2025 14:00	15	0.69	6	0.36	3	Atlas		4	1
	10/06/2025 10:30	10/06/2025 10:45	15	2.9	0	2.35	6	Cloudburst		0	1
	10/07/2025 05:15	10/07/2025 19:45	870	2.9	1,639	2.35	6	Cloudburst		4,761	1
	11/09/2025 02:45	11/09/2025 03:00	15	0.1	1,213	0.07	3	Atlas		124	1
	12/01/2025 22:30	12/01/2025 22:45	15	0.45	2	0.25	6	Atlas		1	1
	12/18/2025 19:30	12/18/2025 19:45	15	0.92	31					28	1
	05/16/2026 17:30	05/16/2026 17:45	15	1.04	735	0.84	1	Atlas		763	1
	05/18/2026 22:00	05/18/2026 22:15	15	0.85	241	0.65	1	Atlas		205	1
	05/19/2026 16:00	05/19/2026 16:15	15	1.56	1,474	0.71	3	Atlas		2,298	1
CSO031 Total										9,360	11
CSO034	07/17/2025 14:45	07/17/2025 17:30	165	1.81	56,818	1.1	3	Atlas		102,727	1
	07/18/2025 22:30	07/18/2025 22:45	15	0.69	112,752	0.56	1	Atlas		78,250	1
	07/19/2025 14:15	07/19/2025 14:30	15	0.67	130,955	0.43	3	Atlas		88,002	1
	07/28/2025 18:45	07/28/2025 19:15	30	1.04	123,369	0.86	1	Atlas		128,427	1
	08/05/2025 17:30	08/05/2025 18:00	30	0.63	117,868	0.53	1	Atlas		73,903	1
	09/14/2025 06:00	09/14/2025 06:15	15	0.32	30,664	0.15	12	Atlas		9,659	1
	09/22/2025 13:45	09/22/2025 14:00	15	0.69	6,365	0.36	3	Atlas		4,366	1
	10/07/2025 07:00	10/07/2025 10:45	225	2.9	56,818	2.35	6	Cloudburst		165,000	1
	12/18/2025 19:45	12/18/2025 20:00	15	0.92	5,546					5,096	1
	04/27/2026 18:45	04/28/2026 00:45	360	2.62	74,512	3.62	6	Cloudburst		194,923	1
	05/16/2026 17:15	05/16/2026 17:45	30	1.04	101,827	0.84	1	Atlas		105,696	1
	05/18/2026 21:45	05/18/2026 22:15	30	0.85	70,372	0.65	1	Atlas		59,957	1
	05/19/2026 16:00	05/19/2026 18:15	135	1.56	86,068	0.71	3	Atlas		134,180	1

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
CSO034 Total										1,150,188	13
CSO035	04/27/2026 20:00	04/28/2026 00:45	285	2.63	39,375	3.73	6	Cloudburst		103,675	1
	05/16/2026 17:15	05/16/2026 17:45	30	0.97	23,144	0.79	1	Atlas		22,542	1
	05/18/2026 22:00	05/18/2026 22:15	15	0.73	4,859	0.56	1	Atlas		3,561	1
	05/19/2026 16:00	05/19/2026 18:15	135	1.39	20,357	0.65	3	Atlas		28,195	1
CSO035 Total										157,973	4
CSO036	07/17/2025 15:00	07/17/2025 18:00	180	1.59	34,392	0.88	3	Atlas		54,614	1
	07/18/2025 22:45	07/18/2025 23:15	30	0.61	86,920	0.49	1	Atlas		53,282	1
	07/19/2025 14:30	07/19/2025 14:45	15	0.69	48,275	0.44	1	Atlas		33,165	1
	07/28/2025 19:00	07/28/2025 19:30	30	0.8	122,249	0.65	1	Atlas		97,555	1
	08/05/2025 18:30	08/05/2025 18:45	15	0.71	1,012	0.61	1	Atlas		718	1
	09/14/2025 06:15	09/14/2025 06:30	15	0.36	55,882	0.17	3	Atlas		20,341	1
	09/22/2025 13:45	09/22/2025 14:15	30	0.58	41,792	0.33	3	Atlas		24,197	1
	10/07/2025 07:15	10/07/2025 11:15	240	2.88	56,751	2.23	6	Cloudburst		163,215	1
	11/18/2025 19:30	11/18/2025 19:45	15	0.76	251	0.29	24	Atlas		192	1
	12/18/2025 20:00	12/18/2025 20:15	15	0.91	17,899			Atlas		16,216	1
	03/15/2026 23:30	03/15/2026 23:45	15	0.71	13,885	0.44	3	Atlas		9,859	1
	04/27/2026 19:00	04/28/2026 01:00	360	2.63	48,619	3.73	6	Cloudburst		128,013	1
	05/16/2026 17:30	05/16/2026 18:00	30	0.97	89,206	0.79	1	Atlas		86,887	1
	05/18/2026 22:15	05/18/2026 22:30	15	0.73	65,822	0.56	1	Atlas		48,247	1
	05/19/2026 18:15	05/19/2026 18:30	15	1.39	38,676	0.65	3	Atlas		53,566	1
	05/22/2026 20:45	05/22/2026 21:15	30	1.67	5,037	0.73	6	Atlas		8,392	1
CSO036 Total										798,461	16
CSO038	07/17/2025 14:45	07/17/2025 18:00	195	1.81	4,136	1.1	3	Atlas		7,478	1
	07/28/2025 19:00	07/28/2025 19:15	15	1.04	5,665	0.86	1	Atlas		5,897	1
	08/05/2025 17:45	08/05/2025 18:00	15	0.63	14,651	0.53	1	Atlas		9,186	1
	09/09/2025 23:00	09/10/2025 00:45	105	Discharge						1,102	1
	09/22/2025 13:30	09/22/2025 13:45	15	0.69	131	0.36	3	Atlas		90	1
	10/07/2025 07:00	10/07/2025 10:30	210	2.9	1,831	2.35	6	Cloudburst		5,318	1
	04/27/2026 20:00	04/28/2026 00:30	270	2.62	3,209	3.62	6	Cloudburst		8,396	1
	05/18/2026 22:00	05/18/2026 22:15	15	0.85	1,692	0.65	1	Atlas		1,441	1
	05/19/2026 18:00	05/19/2026 18:15	15	1.56	387	0.71	3	Atlas		603	1
CSO038 Total										39,513	9
CSO051	07/01/2025 03:45	07/01/2025 04:00	15	0.99	10,557	0.83	1	Atlas		10,431	1
	07/17/2025 14:30	07/17/2025 17:30	180	2.39	35,961	3.5	3	Atlas		85,803	1

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
	07/28/2025 18:45	07/28/2025 19:00	15	0.84	23,886	0.7	1	Atlas		19,969	1
	10/07/2025 09:45	10/07/2025 13:30	225	2.45	19,174	0.95	6	Atlas		46,977	1
	04/27/2026 19:30	04/28/2026 08:30	780	2.85	916,624	4.83	6	Cloudburst		2,612,379	1
CSO051 Total										2,775,559	5
CSO054	07/17/2025 17:00	07/17/2025 20:00	180	2.48	134,034	4.29	3	Atlas		331,735	1
	07/18/2025 23:15	07/19/2025 00:30	75	0.53	187,992	0.41	1	Atlas		99,448	1
	10/07/2025 09:45	10/07/2025 13:30	225	2.48	186,514	0.96	6	Atlas		463,302	1
	03/07/2026 13:30	03/07/2026 14:45	75	0.73	58,801	0.38	6	Atlas		42,925	1
	03/16/2026 01:00	03/16/2026 02:15	75	0.8	67,913	0.49	3	Atlas		54,194	1
	04/27/2026 20:00	04/28/2026 02:30	390	2.8	186,154	4.6	6	Cloudburst		521,232	1
	05/06/2026 02:15	05/06/2026 03:30	75	0.92	28,465	0.37	12	Atlas		26,245	1
	05/18/2026 23:15	05/18/2026 23:45	30	0.98	12,022	0.73	1	Atlas		11,770	1
	05/19/2026 18:30	05/19/2026 19:00	30	1.62	17,115	0.69	3	Atlas		27,794	1
	05/22/2026 20:30	05/23/2026 01:00	270	1.36	347,111	0.61	6	Atlas		470,682	1
	05/26/2026 13:30	05/26/2026 13:45	15	0.62	877	0.35	3	Atlas		540	1
CSO054 Total										2,049,867	11
CSO055	07/01/2025 04:00	07/01/2025 04:30	30	0.83	69,360	0.69	1	Atlas		57,500	1
	07/18/2025 22:45	07/19/2025 00:15	90	0.53	600,620	0.41	1	Atlas		317,728	1
	07/19/2025 15:00	07/19/2025 17:30	150	0.54	265,222	0.34	3	Atlas		142,955	1
	08/05/2025 17:45	08/05/2025 18:45	60	0.37	320,907	0.32	1	Atlas		119,377	1
	09/21/2025 10:15	09/21/2025 10:30	15	0.19	989	0.16	1	Atlas		185	1
	09/22/2025 13:30	09/22/2025 14:45	75	0.71	208,026	0.34	3	Atlas		148,322	1
	09/24/2025 21:00	09/24/2025 23:00	120	1.26	102,091	0.45	6	Atlas		128,839	1
	10/07/2025 07:30	10/07/2025 13:45	375	2.48	773,528	0.96	6	Atlas		1,921,444	1
	10/29/2025 22:45	10/29/2025 23:15	30	1.5	8,971	0.52	24	Atlas		13,439	1
	11/18/2025 19:15	11/18/2025 19:30	15	0.92	26,709	0.39	1	Atlas		24,599	1
	12/18/2025 20:00	12/18/2025 21:15	75	0.87	175,182					151,708	1
	03/04/2026 16:45	03/04/2026 17:00	15	0.91	459	0.41	12	Atlas		417	1
	03/05/2026 09:30	03/05/2026 14:30	300	0.8	31,681	0.31	24	Atlas		25,503	1
	03/07/2026 12:15	03/07/2026 15:30	195	0.73	791,937	0.38	6	Atlas		578,114	1
	03/15/2026 23:30	03/16/2026 03:15	225	0.8	696,379	0.49	3	Atlas		555,710	1
	04/04/2026 16:45	04/04/2026 17:00	15	0.45	77,538	0.28	1	Atlas		35,124	1
	04/24/2026 20:15	04/24/2026 20:30	15	0.37	16,259	0.25	3	Atlas		6,081	1
	04/27/2026 18:45	04/28/2026 02:45	480	2.8	736,551	4.6	6	Cloudburst		2,062,343	1
	05/05/2026 23:45	05/06/2026 04:15	270	0.92	507,909	0.37	12	Atlas		468,293	1
	05/16/2026 17:15	05/16/2026 18:45	90	1.11	258,603	0.85	1	Atlas		285,756	1

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
	05/18/2026 22:00	05/19/2026 00:15	135	0.98	256,971	0.73	1	Atlas		251,575	1
	05/19/2026 16:15	05/19/2026 19:30	195	1.62	313,732	0.69	3	Atlas		509,500	1
	05/22/2026 17:00	05/23/2026 07:15	855	1.36	1,391,964	0.61	6	Atlas		1,887,504	1
	05/24/2026 14:45	05/24/2026 16:00	75	0.3	323,391	0.19	1	Atlas		96,370	1
	05/26/2026 12:30	05/26/2026 18:00	330	0.62	797,979	0.35	3	Atlas		491,555	1
CSO055 Total										10,279,941	25
CSO056	10/07/2025 09:45	10/07/2025 12:45	180	2.48	92,882	0.96	6	Atlas		230,719	1
	02/04/2026 01:15	02/04/2026 21:15	1200	0.17	283	0.11	3	Atlas		49	1
	03/07/2026 13:30	03/07/2026 13:45	15	0.73	4,537	0.38	6	Atlas		3,312	1
	03/15/2026 23:30	03/15/2026 23:45	15	0.8	5,724	0.49	3	Atlas		4,568	1
	04/27/2026 18:45	04/28/2026 01:45	420	2.8	233,440	4.6	6	Cloudburst		653,633	1
	05/16/2026 17:30	05/16/2026 18:00	30	1.11	146,565	0.85	1	Atlas		161,954	1
	05/18/2026 22:00	05/18/2026 22:30	30	0.98	113,474	0.73	1	Atlas		111,091	1
	05/19/2026 16:15	05/19/2026 18:30	135	1.62	90,250	0.69	3	Atlas		146,566	1
	05/22/2026 20:15	05/22/2026 23:00	165	1.36	264,284	0.61	6	Atlas		358,369	1
	05/24/2026 14:45	05/24/2026 15:00	15	0.3	40,310	0.19	1	Atlas		12,012	1
CSO056 Total										1,682,273	10
CSO057	07/12/2025 12:45	07/12/2025 17:00	255	0.12	101	0.07	1	Atlas		12	1
	07/13/2025 20:00	07/13/2025 20:15	15	0.19	208	0.12	1	Atlas		39	1
	07/15/2025 13:00	07/15/2025 13:15	15	0.16	3	0.12	1	Atlas		1	1
	07/16/2025 02:30	07/16/2025 02:45	15	0.05	46	0.03	6	Atlas		2	1
	07/16/2025 21:15	07/16/2025 21:30	15	0.24	10	0.2	1	Atlas		2	1
	07/17/2025 12:15	07/17/2025 12:30	15	1.94	0	1.53	3	Atlas		1	1
	08/12/2025 22:00	08/12/2025 22:15	15	0.06	3	0.03	1	Atlas		0	1
	09/04/2025 06:00	09/04/2025 06:15	15	0.44	14	0.24	6	Atlas		6	1
	09/14/2025 06:00	09/14/2025 06:15	15	0.37	12	0.17	12	Atlas		4	1
	09/22/2025 13:30	09/22/2025 18:00	270	0.63	23	0.35	3	Atlas		15	1
	09/24/2025 20:45	09/24/2025 21:30	45	0.73	20	0.37	6	Atlas		15	1
	10/07/2025 09:45	10/07/2025 10:30	45	2.77	1	1.78	6	Cloudburst		4	1
	11/09/2025 03:15	11/09/2025 03:30	15	0.1	2	0.07	1	Atlas		0	1
	11/18/2025 11:15	11/18/2025 19:30	495	0.91	756	0.35	12	Atlas		685	1
	11/21/2025 09:30	11/21/2025 09:45	15	0.26	1	0.12	1	Atlas		0	1
	11/25/2025 23:45	11/26/2025 00:00	15	0.04	5	0.03	1	Atlas		0	1
	03/04/2026 06:45	03/04/2026 07:00	15	0.72	2	0.33	12	Atlas		1	1
	03/11/2026 17:00	03/11/2026 17:15	15	0.35	22	0.18	1	Atlas		8	1
	03/22/2026 23:15	03/22/2026 23:30	15	0.18	27	0.14	1	Atlas		5	1

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	04/24/2026 20:00	04/24/2026 20:15	15	0.39	17	0.25	3	Atlas		6	1
	04/27/2026 18:45	04/27/2026 19:00	15	2.67	36	3.9	6	Cloudburst		97	1
	05/16/2026 17:15	05/16/2026 17:30	15	1.1	4	0.88	1	Atlas		4	1
	05/20/2026 05:00	05/20/2026 05:15	15	1.58	0	0.71	3	Atlas		1	1
	05/20/2026 15:00	05/20/2026 15:15	15	1.58	13	0.71	3	Atlas		20	1
	05/22/2026 20:00	05/22/2026 20:15	15	1.48	0	0.66	6	Atlas		0	1
CSO057 Total										929	25
CSO058	07/17/2025 18:15	07/17/2025 18:30	15	1.6	43,422	0.88	3	Atlas		69,562	1
	10/07/2025 11:00	10/07/2025 11:15	15	2.75	29,203	1.75	6	Cloudburst		80,162	1
	04/27/2026 20:45	04/27/2026 21:15	30	2.66	704,029	3.85	6	Cloudburst		1,871,308	1
CSO058 Total										2,021,032	3
CSO062	07/17/2025 17:45	07/17/2025 18:45	60	1.67	421,414	0.9	3	Atlas		702,918	1
	07/18/2025 23:00	07/18/2025 23:15	15	0.65	321,127	0.5	1	Atlas		210,017	1
	07/19/2025 14:45	07/19/2025 15:15	30	0.68	605,271	0.44	1	Atlas		413,400	1
	12/18/2025 20:00	12/19/2025 00:15	255	0.93	3,698,311					3,450,524	1
	03/05/2026 10:15	03/05/2026 10:45	30	0.72	400,916	0.27	24	Atlas		287,056	1
	03/07/2026 12:30	03/07/2026 15:45	195	0.7	6,277,662	0.38	3	Atlas		4,413,196	1
	04/27/2026 20:00	04/28/2026 11:15	915	2.75	14,031,406	4.37	6	Cloudburst		38,642,491	1
	05/22/2026 21:00	05/22/2026 21:45	45	1.54	458,038	0.68	6	Atlas		705,836	1
CSO062 Total										48,825,438	8
CSO084	10/07/2025 10:00	10/07/2025 10:30	30	2.93	47,121	2.35	6	Cloudburst		137,970	1
	04/27/2026 19:45	04/28/2026 00:45	300	2.69	328,818	4.08	6	Cloudburst		884,850	1
	05/18/2026 22:00	05/18/2026 22:15	15	0.58	69,383	0.45	1	Atlas		40,450	1
CSO084 Total										1,063,270	3
CSO088	10/07/2025 10:30	10/07/2025 10:45	15	2.56	554	1.22	6	Cloudburst		1,417	1
CSO088 Total										1,417	1
CSO091	07/17/2025 17:00	07/17/2025 17:30	30	1.22	4,929	0.75	1	Atlas		5,989	1
	07/19/2025 14:00	07/19/2025 14:30	30	0.74	47,027	0.48	1	Atlas		34,800	1
	07/28/2025 18:45	07/28/2025 19:00	15	0.46	4,018	0.37	1	Atlas		1,864	1
	09/21/2025 19:00	09/21/2025 19:30	30	0.16	866,020	0.11	1	Atlas		142,027	1
	11/22/2025 00:45	11/22/2025 01:45	60	0.26	1,727,520	0.11	12	Atlas		456,065	1
	03/11/2026 08:45	03/11/2026 18:00	555	0.41	10,644,421	0.21	1	Atlas		4,342,924	1
	05/16/2026 17:00	05/16/2026 17:45	45	0.49	8,857	0.39	1	Atlas		4,340	1
	05/18/2026 21:45	05/19/2026 05:15	450	0.45	6,155,697	0.34	1	Atlas		2,776,220	1
	05/19/2026 15:45	05/19/2026 18:00	135	0.74	4,346	0.24	24	Atlas		3,221	1
	05/22/2026 20:30	05/22/2026 21:00	30	1.89	2,669	0.81	12	Atlas		5,035	1

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
	05/24/2026 13:15	05/24/2026 23:45	630	0.14	41,013,224	0.08	6	Atlas		5,823,878	1
CSO091 Total										13,596,362	11
CSO092	07/13/2025 20:00	07/13/2025 20:15	15	0.18	34	0.12	1	Atlas		6	1
	08/05/2025 17:45	08/06/2025 03:45	600	0.65	754	0.44	1	Atlas		486	1
	08/19/2025 19:30	08/20/2025 00:45	315	0.15	1,757	0.1	1	Atlas		260	1
	11/18/2025 19:30	11/18/2025 19:45	15	0.64	3	0.25	24	Atlas		2	1
	03/06/2026 02:45	03/06/2026 03:00	15	0.75	47	0.28	6	Atlas		35	1
	03/07/2026 13:15	03/07/2026 14:00	45	0.92	35	0.53	3	Atlas		32	1
	04/27/2026 18:45	04/27/2026 20:30	105	2.78	462	4.71	6	Cloudburst		1,282	1
	05/16/2026 17:30	05/16/2026 17:45	15	0.49	348	0.39	1	Atlas		170	1
	05/18/2026 22:15	05/18/2026 22:30	15	0.45	156	0.34	1	Atlas		70	1
	05/22/2026 17:00	05/22/2026 21:00	240	1.89	23	0.81	12	Atlas		43	1
CSO092 Total										2,388	10
CSO097	07/17/2025 17:00	07/17/2025 18:00	60	1.12	35,246	0.73	1	Atlas		39,476	1
	07/18/2025 22:30	07/18/2025 23:15	45	0.69	12,974	0.43	3	Atlas		9,004	1
	07/19/2025 14:15	07/19/2025 15:00	45	0.79	4,915	0.52	1	Atlas		3,893	1
	08/05/2025 17:45	08/05/2025 18:30	45	1.26	18,975	0.74	1	Atlas		23,890	1
	10/07/2025 07:00	10/07/2025 19:30	750	3.57	331,607	6.28	6	Cloudburst		1,182,843	1
	03/07/2026 11:30	03/07/2026 13:45	135	0.88	11,596	0.5	3	Atlas		10,251	1
	04/27/2026 19:45	04/28/2026 02:15	390	2.88	139,823	5.7	6	Cloudburst		402,551	1
	05/20/2026 16:30	05/20/2026 16:45	15	0.89	4	0.34	1	Atlas		3	1
	05/22/2026 17:45	05/23/2026 01:00	435	1.83	48,114	0.75	12	Atlas		87,952	1
CSO097 Total										1,759,862	9
CSO105	07/17/2025 17:00	07/17/2025 20:30	210	0.94	8,758,972	0.48	6	Atlas		8,198,398	1
	07/18/2025 23:00	07/19/2025 00:00	60	0.55	1,655,419	0.43	1	Atlas		918,757	1
	07/28/2025 19:00	07/28/2025 20:15	75	1.01	4,277,925	0.84	1	Atlas		4,333,538	1
	10/07/2025 09:45	10/07/2025 16:00	375	2.19	30,663,247	0.77	6	Atlas		67,275,164	1
	10/19/2025 06:15	10/19/2025 08:15	120	0.45	1,753,205	0.22	6	Atlas		792,448	1
	03/16/2026 00:15	03/16/2026 02:00	105	0.79	5,618,356	0.49	3	Atlas		4,460,975	1
	04/27/2026 19:00	04/28/2026 02:30	450	2.89	23,598,018	5.23	6	Cloudburst		68,174,673	1
CSO105 Total										154,153,953	7
CSO108	07/13/2025 20:15	07/13/2025 20:30	15	0.61	5,753	0.49	1	Atlas		3,538	1
	07/17/2025 17:15	07/17/2025 18:15	60	1	80,102	0.58	3	Atlas		80,022	1
	07/18/2025 21:30	07/18/2025 22:15	45	1.38	64,797	0.88	3	Atlas		89,226	1
	07/19/2025 14:30	07/20/2025 10:00	1170	0.82	114,060	0.55	1	Atlas		93,871	1
	07/28/2025 21:45	07/28/2025 22:00	15	0.61	6,046	0.49	1	Atlas		3,694	1

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	08/05/2025 18:00	08/05/2025 19:15	75	1.69	1,125,181	1.65	1	Atlas		1,895,929	1
	09/24/2025 20:15	09/24/2025 20:30	15	1.4	1,269	0.73	6	Atlas		1,775	1
	10/07/2025 09:45	10/07/2025 10:15	30	3.88	493,191	8.84	6	Cloudburst		1,912,102	1
	10/07/2025 20:30	10/07/2025 22:30	120	3.88	190,149	8.84	6	Cloudburst		737,209	1
	04/27/2026 19:30	04/28/2026 13:45	1095	2.6	1,222,630	3.62	6	Cloudburst		3,182,506	1
	05/23/2026 03:15	05/23/2026 05:30	135	1.78	230	0.69	12	Atlas		409	1
CSO108 Total										8,000,281	11
CSO109	07/13/2025 19:45	07/13/2025 20:00	15	0.63	62,200	0.5	1	Atlas		39,124	1
	07/17/2025 17:15	07/17/2025 18:00	45	0.99	147,336	0.62	1	Atlas		146,452	1
	07/18/2025 21:30	07/18/2025 23:15	105	1.27	33,947	0.81	3	Atlas		43,113	1
	07/19/2025 14:30	07/19/2025 14:45	15	0.81	123,238	0.54	1	Atlas		99,946	1
	08/05/2025 18:00	08/05/2025 18:30	30	1.98	82,172	2	1	Atlas		162,537	1
	10/07/2025 07:15	10/07/2025 19:30	735	3.98	534,797	9.88	6	Cloudburst		2,129,027	1
	12/28/2025 22:15	12/28/2025 22:30	15	0.46	2,996	0.4	1	Atlas		1,390	1
	03/07/2026 13:45	03/07/2026 14:00	15	0.85	357	0.48	3	Atlas		303	1
	03/15/2026 23:45	03/16/2026 02:00	135	0.74	24,595	0.46	3	Atlas		18,201	1
	04/28/2026 00:30	04/28/2026 02:30	120	2.66	43,435	4.02	6	Cloudburst		115,667	1
	04/28/2026 22:15	04/28/2026 22:30	15	0.56	408	0.25	12	Atlas		229	1
	05/22/2026 17:00	05/22/2026 20:45	225	1.76	1,313	0.69	12	Atlas		2,307	1
CSO109 Total										2,758,296	12
CSO110	07/17/2025 17:00	07/17/2025 18:00	60	1.19	261,533	0.77	1	Atlas		310,963	1
	07/18/2025 22:30	07/18/2025 23:15	45	0.6	215,071	0.39	3	Atlas		128,613	1
	07/19/2025 14:15	07/19/2025 15:00	45	0.8	277,506	0.52	1	Atlas		222,559	1
	07/28/2025 18:45	07/28/2025 19:15	30	0.62	227,352	0.5	1	Atlas		140,504	1
	08/05/2025 14:00	08/05/2025 18:30	270	0.84	1,450,052	0.49	1	Atlas		1,213,693	1
	09/22/2025 13:45	09/22/2025 14:00	15	0.49	24,610	0.3	3	Atlas		12,034	1
	09/24/2025 19:30	09/24/2025 22:45	195	1.11	48,801	0.4	6	Atlas		54,413	1
	10/07/2025 06:45	10/07/2025 13:00	375	3.43	1,876,064	5.12	6	Cloudburst		6,442,403	1
	10/19/2025 05:15	10/19/2025 05:30	15	0.6	3,112	0.3	6	Atlas		1,861	1
	12/18/2025 19:45	12/18/2025 20:00	15	0.82	1,743	0.37	12	Atlas		1,429	1
	12/28/2025 21:45	12/28/2025 22:15	30	0.44	17,408	0.37	1	Atlas		7,607	1
	03/07/2026 11:15	03/07/2026 14:00	165	0.93	293,491	0.53	3	Atlas		271,479	1
CSO110 Total										8,807,559	12
CSO111	07/17/2025 17:00	07/17/2025 17:30	30	1.19	40,235	0.77	1	Atlas		47,839	1
	07/19/2025 14:15	07/19/2025 14:30	15	0.8	4,079	0.52	1	Atlas		3,271	1
	08/05/2025 14:00	08/05/2025 18:15	255	0.84	621,152	0.49	1	Atlas		519,904	1
	10/07/2025 07:00	10/07/2025 10:30	210	3.43	878,249	5.12	6	Cloudburst		3,015,905	1

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
	10/28/2025 02:30	10/28/2025 02:45	15	0.23	2	0.08	24	Atlas		0	1
	04/24/2026 20:30	04/24/2026 21:00	30	0.45	4,040	0.29	3	Atlas		1,834	1
	04/27/2026 18:45	04/27/2026 20:45	120	2.94	710,750	6.28	6	Cloudburst		2,086,763	1
	04/28/2026 22:00	04/28/2026 22:30	30	0.52	21,662	0.22	12	Atlas		11,308	1
	05/16/2026 17:00	05/16/2026 17:45	45	0.38	68,507	0.3	1	Atlas		26,307	1
	05/18/2026 22:00	05/18/2026 22:30	30	0.36	33,186	0.27	1	Atlas		11,881	1
	05/20/2026 15:00	05/20/2026 15:30	30	0.57	44,126	0.31	1	Atlas		25,372	1
	05/22/2026 13:00	05/22/2026 21:15	495	1.93	206,175	0.82	12	Atlas		397,505	1
	05/26/2026 12:15	05/26/2026 12:45	30	0.71	1,478	0.37	6	Atlas		1,046	1
CSO111 Total										6,148,936	13
CSO113	07/17/2025 17:00	07/17/2025 17:45	45	1.22	89,780	0.75	1	Atlas		109,083	1
	07/18/2025 22:30	07/18/2025 23:00	30	0.51	24,818	0.38	1	Atlas		12,732	1
	07/19/2025 14:15	07/19/2025 14:45	30	0.74	56,169	0.48	1	Atlas		41,565	1
	07/28/2025 18:45	07/28/2025 19:15	30	0.46	108,710	0.37	1	Atlas		50,441	1
	08/05/2025 17:45	08/05/2025 18:15	30	0.65	289,749	0.44	1	Atlas		186,888	1
	10/07/2025 06:45	10/07/2025 12:30	345	3.13	260,079	3.44	6	Cloudburst		814,569	1
	03/07/2026 13:00	03/07/2026 13:30	30	0.92	29,928	0.53	3	Atlas		27,534	1
	04/27/2026 18:30	04/28/2026 01:00	390	2.78	236,823	4.71	6	Cloudburst		657,421	1
	05/16/2026 17:00	05/16/2026 17:45	45	0.49	51,877	0.39	1	Atlas		25,420	1
	05/18/2026 22:00	05/18/2026 22:30	30	0.45	14,096	0.34	1	Atlas		6,357	1
	05/22/2026 16:45	05/22/2026 21:15	270	1.89	77,205	0.81	12	Atlas		145,685	1
CSO113 Total										2,077,695	11
CSO117	07/17/2025 17:00	07/17/2025 17:45	45	1.4	90,755	0.75	3	Atlas		126,875	1
	07/19/2025 14:15	07/19/2025 16:00	105	0.7	3,303,878	0.45	1	Atlas		2,322,626	1
	07/28/2025 18:45	07/28/2025 19:30	45	0.52	296,085	0.41	1	Atlas		153,076	1
	08/05/2025 17:30	08/05/2025 18:15	45	0.74	1,420,740	0.63	1	Atlas		1,057,031	1
	10/07/2025 09:45	10/08/2025 00:15	870	2.86	5,090,742	2.17	6	Cloudburst		14,564,612	1
	03/07/2026 11:45	03/07/2026 15:30	225	0.78	2,810,175	0.43	3	Atlas		2,189,126	1
	04/27/2026 19:45	04/28/2026 06:30	645	2.65	3,579,648	3.79	6	Cloudburst		9,471,747	1
	05/16/2026 17:15	05/16/2026 17:45	30	0.8	585,118	0.64	1	Atlas		470,435	1
	05/18/2026 22:00	05/18/2026 22:30	30	0.64	5,207	0.5	1	Atlas		3,353	1
	05/19/2026 16:00	05/19/2026 16:30	30	1.16	120,811	0.51	3	Atlas		140,141	1
	05/22/2026 20:30	05/23/2026 06:45	615	1.81	2,306,108	0.78	12	Atlas		4,164,831	1
CSO117 Total										34,663,855	11
CSO119	07/17/2025 17:00	07/17/2025 17:45	45	1.25	27,525	0.67	6	Atlas		34,269	1
	07/19/2025 14:15	07/19/2025 14:45	30	0.74	21,202	0.49	1	Atlas		15,583	1

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
	08/05/2025 17:45	08/05/2025 18:15	30	0.65	44,165	0.53	1	Atlas		28,840	1
	10/07/2025 09:30	10/07/2025 12:45	195	2.93	175,061	2.35	6	Cloudburst		512,580	1
	04/27/2026 20:00	04/28/2026 01:15	315	2.69	17,646	4.08	6	Cloudburst		47,484	1
	05/16/2026 17:15	05/16/2026 17:45	30	0.64	11,623	0.5	1	Atlas		7,416	1
	05/18/2026 22:00	05/18/2026 22:15	15	0.58	10,472	0.45	1	Atlas		6,105	1
	05/19/2026 16:00	05/19/2026 16:30	30	0.93	6,642	0.36	3	Atlas		6,203	1
	05/22/2026 20:00	05/22/2026 21:15	75	1.85	13,086	0.8	12	Atlas		24,236	1
CSO119 Total										682,716	9
CSO121	04/27/2026 20:15	04/27/2026 20:45	30	2.67	769	3.9	6	Cloudburst		2,050	1
	05/16/2026 17:15	05/16/2026 18:00	45	0.83	38,261	0.64	1	Atlas		31,718	1
	05/18/2026 21:45	05/18/2026 22:30	45	0.75	7,803	0.58	1	Atlas		5,884	1
	05/19/2026 15:45	05/19/2026 18:15	150	1.18	7,484	0.52	3	Atlas		8,801	1
	05/22/2026 19:45	05/22/2026 21:15	90	1.71	7,834	0.74	12	Atlas		13,404	1
CSO121 Total										61,856	5
CSO125	07/17/2025 17:30	07/17/2025 17:45	15	1.25	3,287	0.67	6	Atlas		4,093	1
	07/19/2025 14:15	07/19/2025 14:45	30	0.79	94,277	0.54	1	Atlas		74,008	1
	08/19/2025 19:15	08/19/2025 19:30	15	0.33	46,666	0.29	1	Atlas		15,446	1
	10/07/2025 09:45	10/07/2025 10:45	60	2.73	293,447	1.64	6	Cloudburst		800,817	1
	04/27/2026 19:45	04/27/2026 20:45	60	2.7	413,487	4.13	6	Cloudburst		1,114,346	1
CSO125 Total										2,008,711	5
CSO126	07/17/2025 17:30	07/17/2025 18:15	45	1.25	88,268	0.67	6	Atlas		109,893	1
	07/18/2025 23:15	07/18/2025 23:30	15	0.52	5,420	0.37	1	Atlas		2,802	1
	07/19/2025 14:30	07/19/2025 15:45	75	0.79	137,538	0.54	1	Atlas		107,967	1
	08/19/2025 19:30	08/19/2025 19:45	15	0.33	72,009	0.29	1	Atlas		23,835	1
	10/07/2025 09:15	10/07/2025 13:00	225	2.73	560,945	1.64	6	Cloudburst		1,530,820	1
CSO126 Total										1,775,318	5
CSO130	07/14/2025 13:30	07/14/2025 13:45	15	0.1	95,619	0.07	1	Atlas		9,849	1
	07/16/2025 05:00	07/16/2025 12:30	450	0.07	99,676	0.04	6	Atlas		7,077	1
	07/19/2025 14:45	07/19/2025 15:00	15	0.74	23,505	0.49	1	Atlas		17,300	1
	10/07/2025 10:30	10/07/2025 10:45	15	2.56	33,284	1.22	6	Cloudburst		85,208	1
	04/27/2026 20:15	04/28/2026 00:45	270	2.75	65,243	4.37	6	Cloudburst		179,679	1
	05/16/2026 17:45	05/16/2026 18:00	15	0.86	305,551	0.65	1	Atlas		263,385	1
	05/18/2026 22:15	05/18/2026 22:30	15	0.83	7,189	0.64	1	Atlas		5,974	1
CSO130 Total										568,472	7
CSO131	07/16/2025 21:45	07/16/2025 22:00	15	0.11	64,933	0.1	1	Atlas		7,402	1
	07/17/2025 15:15	07/17/2025 18:15	180	1.39	28,629	0.74	6	Atlas		39,880	1

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
	07/18/2025 23:00	07/18/2025 23:30	30	0.67	103,188	0.5	1	Atlas		68,620	1
	07/19/2025 15:00	07/19/2025 15:15	15	0.74	23,686	0.49	1	Atlas		17,433	1
	08/19/2025 19:45	08/19/2025 20:00	15	0.29	106,423	0.24	1	Atlas		30,543	1
	10/07/2025 07:30	10/07/2025 11:45	255	2.56	55,133	1.22	6	Cloudburst		141,141	1
	10/19/2025 05:45	10/19/2025 06:00	15	0.76	48,761	0.36	6	Atlas		37,107	1
	11/18/2025 19:30	11/18/2025 20:00	30	0.94	72,071	0.37	1	Atlas		67,819	1
	12/18/2025 20:00	12/18/2025 20:15	15	0.93	43,023					39,968	1
	03/04/2026 06:30	03/04/2026 06:45	15	0.62	10,307	0.31	1	Atlas		6,339	1
	03/07/2026 13:30	03/07/2026 13:45	15	0.73	55,570	0.4	3	Atlas		40,288	1
	04/24/2026 20:30	04/24/2026 20:45	15	0.44	75,529	0.29	3	Atlas		33,308	1
	04/27/2026 19:15	04/28/2026 01:15	360	2.75	37,580	4.37	6	Cloudburst		103,495	1
	05/16/2026 17:30	05/16/2026 17:45	15	0.86	40,191	0.65	1	Atlas		34,644	1
	05/18/2026 22:15	05/18/2026 22:45	30	0.83	107,154	0.64	1	Atlas		89,045	1
	05/19/2026 16:15	05/19/2026 18:30	135	1.23	88,270	0.53	3	Atlas		108,836	1
	05/22/2026 17:15	05/22/2026 21:30	255	1.61	75,853	0.7	12	Atlas		122,503	1
CSO131 Total										988,372	17
CSO132	07/17/2025 17:15	07/17/2025 18:15	60	1.27	719,249	0.68	6	Atlas		914,165	1
	07/18/2025 22:30	07/18/2025 23:15	45	0.63	108,024	0.48	1	Atlas		68,055	1
	07/19/2025 14:15	07/20/2025 05:15	900	0.79	5,894,414	0.54	1	Atlas		4,633,009	1
	08/19/2025 19:00	08/20/2025 12:30	1050	0.33	32,426,090	0.29	1	Atlas		10,765,462	1
	10/07/2025 09:45	10/09/2025 03:30	2505	2.55	2,844,887	1.14	6	Cloudburst		7,251,618	1
	11/18/2025 19:00	11/18/2025 19:45	45	0.89	171,597	0.37	1	Atlas		152,207	1
	04/24/2026 21:15	04/29/2026 10:30	6555	0.5	39,541,095	0.32	1	Atlas		19,770,548	1
	05/16/2026 18:15	05/16/2026 19:00	45	0.7	318,663	0.51	1	Atlas		224,020	1
	05/18/2026 23:00	05/18/2026 23:30	30	0.73	93,331	0.57	1	Atlas		67,945	1
	05/19/2026 17:00	05/19/2026 17:15	15	1.05	115	0.43	3	Atlas		120	1
	05/22/2026 21:15	05/28/2026 17:00	8385	1.65	16,475,688	0.71	12	Atlas		27,102,507	1
CSO132 Total										70,949,656	11
CSO140	07/17/2025 17:15	07/17/2025 18:00	45	1.2	49,804	0.64	6	Atlas		59,615	1
	09/24/2025 17:45	09/25/2025 23:45	1800	1.08	6,766	0.38	12	Atlas		7,341	1
	10/07/2025 09:45	10/07/2025 12:30	165	2.75	173,215	1.64	6	Cloudburst		475,475	1
	03/05/2026 14:00	03/05/2026 14:30	30	1.29	806	0.28	1	Atlas		1,039	1
	03/07/2026 13:15	03/07/2026 15:00	105	0.8	32,430	0.45	3	Atlas		25,782	1
	04/27/2026 19:45	04/28/2026 01:30	345	2.7	217,260	4.08	6	Cloudburst		585,517	1
	05/22/2026 20:15	05/23/2026 00:00	225	1.71	34,510	0.74	12	Atlas		59,081	1
CSO140 Total										1,213,850	7

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CSO141	07/17/2025 15:00	07/17/2025 17:45	165	1.35	16,023	0.72	6	Atlas		21,648	1
	07/18/2025 22:45	07/18/2025 23:15	30	0.61	35,325	0.45	1	Atlas		21,407	1
	07/19/2025 14:30	07/19/2025 14:45	15	0.72	112,309	0.48	1	Atlas		80,526	1
	08/05/2025 17:45	08/05/2025 18:15	30	0.6	51,359	0.51	1	Atlas		30,713	1
	08/19/2025 19:15	08/19/2025 19:30	15	0.28	16,239	0.23	1	Atlas		4,514	1
	09/22/2025 13:45	09/22/2025 14:00	15	0.51	3,470	0.3	3	Atlas		1,787	1
	10/07/2025 07:00	10/07/2025 12:00	300	2.75	26,099	1.75	6	Cloudburst		71,878	1
	10/19/2025 05:15	10/19/2025 05:30	15	0.75	22,961	0.35	6	Atlas		17,152	1
	11/18/2025 19:15	11/18/2025 19:30	15	0.9	1,969	0.36	1	Atlas		1,766	1
	12/18/2025 19:45	12/18/2025 20:00	15	0.9	9,393					8,425	1
	03/07/2026 12:15	03/07/2026 12:30	15	0.74	13,071	0.41	3	Atlas		9,699	1
	04/24/2026 20:15	04/24/2026 20:30	15	0.46	12,780	0.3	3	Atlas		5,917	1
	04/27/2026 18:45	04/28/2026 01:30	405	2.67	43,507	3.9	6	Cloudburst		115,991	1
	04/28/2026 22:15	04/28/2026 22:30	15	0.36	27,427	0.15	12	Atlas		9,791	1
	05/16/2026 17:30	05/16/2026 17:45	15	0.83	27,145	0.64	1	Atlas		22,503	1
	05/18/2026 22:00	05/18/2026 22:30	30	0.75	39,250	0.58	1	Atlas		29,595	1
	05/19/2026 16:15	05/19/2026 16:30	15	1.18	17,183	0.52	3	Atlas		20,208	1
	05/20/2026 15:15	05/20/2026 15:30	15	1.18	7,982	0.52	3	Atlas		9,387	1
	05/22/2026 17:00	05/23/2026 00:15	435	1.71	31,037	0.74	12	Atlas		53,105	1
	05/26/2026 13:00	05/26/2026 13:30	30	0.62	9,805	0.33	6	Atlas		6,099	1
CSO141 Total										542,110	20
CSO144	07/17/2025 17:30	07/17/2025 17:45	15	1.18	18,393	0.63	6	Atlas		21,704	1
	08/19/2025 19:30	08/19/2025 19:45	15	0.36	6	0.3	1	Atlas		2	1
	09/22/2025 17:00	09/23/2025 01:30	510	0.42	57	0.25	3	Atlas		24	1
	10/07/2025 08:00	10/07/2025 10:45	165	2.76	58,857	1.69	6	Cloudburst		162,327	1
	03/05/2026 09:15	03/08/2026 12:15	4500	0.7	368	0.27	24	Atlas		259	1
	04/28/2026 00:30	04/28/2026 00:45	15	2.72	8,534	4.25	6	Cloudburst		23,204	1
CSO144 Total										207,520	6
CSO146	07/17/2025 17:00	07/17/2025 18:00	60	1.25	221,358	0.69	1	Atlas		277,362	1
	07/18/2025 22:45	07/18/2025 23:15	30	0.49	2,060	0.37	1	Atlas		1,015	1
	07/19/2025 14:15	07/19/2025 15:00	45	0.73	211,793	0.47	1	Atlas		155,032	1
	07/28/2025 18:45	07/28/2025 19:45	60	0.68	184,688	0.55	1	Atlas		125,772	1
	08/05/2025 17:45	08/05/2025 18:30	45	0.63	529,718	0.5	1	Atlas		333,722	1
	10/07/2025 09:30	10/07/2025 13:00	210	3.15	978,532	3.67	6	Cloudburst		3,079,440	1
	03/07/2026 13:00	03/07/2026 14:00	60	0.9	108,070	0.51	3	Atlas		97,587	1
	04/27/2026 19:00	04/28/2026 01:30	390	2.78	591,149	4.65	6	Cloudburst		1,643,986	1
	05/16/2026 17:15	05/16/2026 17:45	30	0.67	52,199	0.55	1	Atlas		35,078	1

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
	05/22/2026 20:00	05/22/2026 21:30	90	2.03	187,862	0.88	12	Atlas		381,171	1
CSO146 Total										6,130,166	10
CSO148	07/13/2025 19:30	07/13/2025 19:45	15	0.36	883	0.28	1	Atlas		316	1
	07/16/2025 05:45	07/16/2025 06:00	15	0.27	8,065	0.1	24	Atlas		2,186	1
	07/16/2025 21:30	07/16/2025 21:45	15	0.27	10,772	0.1	24	Atlas		2,919	1
	07/17/2025 17:15	07/17/2025 18:00	45	1.12	67,540	0.73	1	Atlas		75,645	1
	07/18/2025 21:30	07/18/2025 23:15	105	0.69	51,780	0.43	3	Atlas		35,935	1
	07/19/2025 14:30	07/19/2025 15:15	45	0.79	26,950	0.52	1	Atlas		21,345	1
	07/28/2025 19:15	07/28/2025 19:30	15	0.55	247	0.43	1	Atlas		137	1
	08/05/2025 14:15	08/05/2025 18:30	255	1.26	101,814	0.74	1	Atlas		128,184	1
	08/12/2025 20:00	08/12/2025 20:15	15	0.34	20,794	0.23	3	Atlas		7,070	1
	08/19/2025 19:45	08/19/2025 20:00	15	0.19	26,390	0.14	1	Atlas		4,935	1
	09/04/2025 06:15	09/04/2025 06:30	15	0.44	346	0.24	6	Atlas		153	1
	09/24/2025 19:45	09/24/2025 20:00	15	1.19	6,179	0.44	6	Atlas		7,365	1
	10/07/2025 07:00	10/07/2025 12:45	345	3.57	100,282	6.28	6	Cloudburst		357,704	1
	10/19/2025 04:30	10/19/2025 05:45	75	0.56	6,227	0.28	6	Atlas		3,506	1
	11/18/2025 19:30	11/18/2025 19:45	15	0.62	11,769	0.24	24	Atlas		7,261	1
	12/18/2025 20:00	12/18/2025 20:15	15	0.84	2,016	0.37	12	Atlas		1,689	1
	03/04/2026 13:15	03/04/2026 13:30	15	0.59	1,959	0.27	12	Atlas		1,156	1
	03/07/2026 11:30	03/07/2026 13:45	135	0.88	19,492	0.5	3	Atlas		17,231	1
	03/15/2026 23:30	03/15/2026 23:45	15	0.76	1,097	0.47	3	Atlas		828	1
	04/27/2026 18:45	04/28/2026 01:00	375	2.88	57,894	5.7	6	Cloudburst		166,678	1
	04/28/2026 22:15	04/28/2026 22:30	15	0.55	12,020	0.24	12	Atlas		6,587	1
	05/05/2026 18:00	05/06/2026 00:00	360	1.02	8,668	0.43	12	Atlas		8,798	1
	05/16/2026 17:15	05/16/2026 17:45	30	0.31	36,238	0.23	1	Atlas		11,198	1
	05/18/2026 22:15	05/18/2026 22:30	15	0.31	13,666	0.23	1	Atlas		4,237	1
	05/20/2026 15:15	05/20/2026 15:30	15	0.89	17,183	0.34	1	Atlas		15,292	1
	05/22/2026 13:15	05/22/2026 21:15	480	1.83	17,764	0.75	12	Atlas		32,473	1
CSO148 Total										920,828	26
CSO149	07/17/2025 17:15	07/17/2025 17:45	30	1.25	38,000	0.69	1	Atlas		47,614	1
	07/19/2025 14:15	07/19/2025 16:15	120	0.73	2,147,733	0.47	1	Atlas		1,572,140	1
	07/28/2025 19:00	07/28/2025 19:45	45	0.68	139,437	0.55	1	Atlas		94,956	1
	08/05/2025 17:45	08/05/2025 18:30	45	0.63	1,027,803	0.5	1	Atlas		647,516	1
	10/07/2025 09:45	10/08/2025 00:15	870	3.15	2,884,660	3.67	6	Cloudburst		9,078,026	1
	03/07/2026 12:00	03/07/2026 15:15	195	0.9	1,375,178	0.51	3	Atlas		1,241,786	1
	04/27/2026 19:45	04/28/2026 06:30	645	2.78	2,383,695	4.65	6	Cloudburst		6,629,055	1
	05/16/2026 17:15	05/16/2026 18:00	45	0.67	88,315	0.55	1	Atlas		59,348	1

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
	05/19/2026 16:00	05/19/2026 16:45	45	0.9	14,488	0.31	3	Atlas		12,996	1
	05/22/2026 20:45	05/23/2026 06:45	600	2.03	1,181,772	0.88	12	Atlas		2,397,815	1
CSO149 Total										21,781,253	10
CSO150	07/17/2025 14:30	07/17/2025 14:45	15	2.48	2,579	4.29	3	Atlas		6,384	1
	05/16/2026 17:15	05/16/2026 17:30	15	1.11	48,411	0.85	1	Atlas		53,494	1
	05/19/2026 15:45	05/19/2026 16:00	15	1.62	32,553	0.69	3	Atlas		52,865	1
CSO150 Total										112,744	3
CSO151	07/14/2025 15:30	07/14/2025 15:45	15	0.27	94,520	0.23	1	Atlas		25,709	1
	07/16/2025 21:15	07/16/2025 21:30	15	0.35	7,612	0.16	1	Atlas		2,687	1
	07/17/2025 17:00	07/17/2025 18:00	60	1.16	1,735,880	0.75	1	Atlas		2,011,885	1
	07/18/2025 22:30	07/18/2025 23:15	45	0.52	1,843,424	0.37	1	Atlas		953,050	1
	09/22/2025 13:30	09/22/2025 14:00	30	0.43	94,933	0.27	3	Atlas		41,201	1
	09/24/2025 19:30	09/24/2025 22:15	165	1.02	103,008	0.37	6	Atlas		105,377	1
	10/07/2025 06:45	10/07/2025 13:15	390	3.21	8,905,871	3.79	6	Cloudburst		28,587,845	1
	10/19/2025 04:15	10/19/2025 05:30	75	0.66	36,920	0.32	6	Atlas		24,515	1
	11/18/2025 19:15	11/18/2025 19:30	15	0.64	2,930	0.25	24	Atlas		1,861	1
	12/18/2025 19:45	12/18/2025 20:15	30	0.84	37,232	0.38	12	Atlas		31,386	1
	12/28/2025 22:00	12/28/2025 22:15	15	0.38	590	0.33	1	Atlas		225	1
	03/04/2026 06:15	03/04/2026 07:00	45	0.67	3,540	0.3	12	Atlas		2,386	1
	03/07/2026 11:00	03/07/2026 14:00	180	0.9	2,073,410	0.51	3	Atlas		1,872,289	1
	03/11/2026 17:00	03/11/2026 17:15	15	0.39	6,975	0.21	3	Atlas		2,720	1
	03/15/2026 23:15	03/16/2026 00:30	75	0.73	10,729	0.45	3	Atlas		7,778	1
	04/24/2026 20:30	04/24/2026 21:00	30	0.41	6,776	0.26	3	Atlas		2,744	1
	04/27/2026 18:30	04/28/2026 01:30	420	2.8	6,119,299	4.88	6	Cloudburst		17,134,038	1
	04/28/2026 22:00	04/28/2026 22:30	30	0.5	60,914	0.21	12	Atlas		30,152	1
	05/05/2026 23:30	05/06/2026 00:00	30	0.98	21,415	0.41	12	Atlas		20,923	1
	05/16/2026 17:15	05/16/2026 17:45	30	0.38	18,170	0.3	1	Atlas		6,832	1
	05/18/2026 22:00	05/18/2026 22:15	15	0.36	51,866	0.26	1	Atlas		18,672	1
	05/20/2026 15:00	05/20/2026 15:30	30	0.43	247,807	0.19	1	Atlas		107,300	1
	05/22/2026 13:00	05/22/2026 21:30	510	1.8	555,877	0.76	12	Atlas		1,001,690	1
CSO151 Total										51,993,267	23
CSO152	07/19/2025 14:15	07/19/2025 14:30	15	0.74	51,161	0.48	1	Atlas		37,860	1
	08/05/2025 17:30	08/05/2025 17:45	15	0.65	8,580	0.44	1	Atlas		5,534	1
	10/07/2025 10:00	10/07/2025 20:15	615	3.13	1,354,033	3.44	6	Cloudburst		4,240,833	1
	04/27/2026 21:15	04/27/2026 21:45	30	2.78	47,911	4.71	6	Cloudburst		133,000	1
CSO152 Total										4,417,226	4

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
CSO153	10/07/2025 12:45	10/07/2025 13:00	15	2.75	712	1.75	6	Cloudburst		1,960	1
	04/28/2026 02:00	04/28/2026 07:30	330	2.67	530,252	3.9	6	Cloudburst		1,413,651	1
CSO153 Total										1,415,611	2
CSO154	03/07/2026 13:15	03/07/2026 14:00	45	0.75	44,461	0.41	3	Atlas		33,346	1
CSO154 Total										33,346	1
CSO160	07/17/2025 14:45	07/17/2025 17:45	180	1.94	6,463	1.53	3	Atlas		12,532	1
	07/28/2025 19:00	07/28/2025 19:15	15	0.67	4,746	0.55	1	Atlas		3,175	1
	10/07/2025 10:15	10/07/2025 11:00	45	2.77	8,482	1.78	6	Cloudburst		23,530	1
CSO160 Total										39,238	3
CSO161	07/01/2025 04:00	07/01/2025 04:15	15	0.39	1,644	0.3	1	Atlas		643	1
	07/17/2025 14:45	07/17/2025 17:45	180	1.94	6,772	1.53	3	Atlas		13,131	1
	07/18/2025 22:30	07/18/2025 22:45	15	0.64	12,406	0.5	1	Atlas		7,977	1
	07/19/2025 14:15	07/19/2025 14:30	15	0.64	19,145	0.41	3	Atlas		12,233	1
	07/28/2025 18:45	07/28/2025 19:15	30	0.67	553	0.55	1	Atlas		370	1
	08/05/2025 17:45	08/05/2025 18:30	45	0.59	3,084	0.5	1	Atlas		1,835	1
	09/22/2025 13:30	09/22/2025 14:00	30	0.63	3,530	0.35	3	Atlas		2,231	1
	10/07/2025 07:00	10/07/2025 10:45	225	2.77	4,425	1.78	6	Cloudburst		12,275	1
	11/18/2025 19:00	11/18/2025 19:15	15	0.91	2,360	0.35	12	Atlas		2,140	1
	03/15/2026 23:30	03/15/2026 23:45	15	0.72	168	0.45	3	Atlas		121	1
	04/24/2026 20:15	04/24/2026 20:30	15	0.39	16,108	0.25	3	Atlas		6,282	1
	04/27/2026 18:45	04/28/2026 00:45	360	2.67	14,156	3.9	6	Cloudburst		37,767	1
	05/16/2026 17:30	05/16/2026 17:45	15	1.1	15,619	0.88	1	Atlas		17,180	1
	05/18/2026 22:00	05/18/2026 22:30	30	0.88	13,430	0.68	1	Atlas		11,845	1
	05/19/2026 16:00	05/19/2026 16:30	30	1.58	1,097	0.71	3	Atlas		1,736	1
	05/22/2026 20:15	05/22/2026 21:00	45	1.48	1,134	0.66	6	Atlas		1,673	1
	05/24/2026 14:45	05/24/2026 15:00	15	0.21	7,577	0.11	6	Atlas		1,614	1
CSO161 Total										131,055	17
CSO166	10/07/2025 10:00	10/07/2025 11:00	60	3.03	506,510	2.81	6	Cloudburst		1,534,219	1
	04/27/2026 19:45	04/27/2026 20:45	60	2.74	448,362	4.54	6	Cloudburst		1,230,304	1
CSO166 Total										2,764,523	2
CSO178	07/17/2025 17:30	07/17/2025 17:45	15	1.81	16,327	1.1	3	Atlas		29,518	1
	07/28/2025 19:15	07/28/2025 19:30	15	1.04	8,977	0.86	1	Atlas		9,346	1
	10/07/2025 10:15	10/07/2025 11:30	75	2.9	878,366	2.35	6	Cloudburst		2,550,774	1
	04/27/2026 20:00	04/27/2026 21:00	60	2.62	430,651	3.62	6	Cloudburst		1,126,584	1
	05/16/2026 17:45	05/16/2026 18:00	15	1.04	6,027	0.84	1	Atlas		6,256	1

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	05/18/2026 22:15	05/18/2026 22:30	15	0.85	39,655	0.65	1	Atlas		33,786	1
	05/19/2026 16:15	05/19/2026 16:30	15	1.56	143,669	0.71	3	Atlas		223,980	1
CSO178 Total										3,980,244	7
CSO181	08/05/2025 17:45	08/05/2025 18:00	15	0.71	547,080	0.61	1	Atlas		388,427	1
	10/07/2025 10:00	10/07/2025 10:30	30	2.88	262,146	2.23	6	Cloudburst		753,931	1
	04/27/2026 19:45	04/27/2026 20:15	30	2.63	153,545	3.73	6	Cloudburst		404,283	1
	05/19/2026 16:00	05/19/2026 16:15	15	1.39	150,221	0.65	3	Atlas		208,056	1
CSO181 Total										1,754,697	4
CSO184	07/17/2025 17:00	07/17/2025 18:15	75	1.17	540,663	0.72	1	Atlas		631,495	1
	07/28/2025 18:45	07/28/2025 19:45	60	0.79	473,017	0.64	1	Atlas	Retained by Sneads Branch.	373,210	1
	07/31/2025 10:15	07/31/2025 10:30	15	0.2	123,398	0.17	1	Atlas	Retained by Sneads Branch.	24,063	1
	08/05/2025 14:15	08/05/2025 18:45	270	0.69	1,017,078	0.38	6	Atlas		703,818	1
	09/06/2025 14:15	09/06/2025 14:30	15	0.02	1,017	0.02	1	Atlas	Retained by Sneads Branch.	17	1
	09/22/2025 12:45	09/22/2025 14:30	105	0.56	180,035	0.35	3	Atlas	Retained by Sneads Branch.	100,099	1
	09/24/2025 22:00	09/24/2025 23:00	60	1.18	196,264	0.44	6	Atlas		231,984	1
	10/07/2025 07:15	10/07/2025 13:15	360	3.76	1,472,538	8.49	6	Cloudburst		5,536,743	1
	10/19/2025 04:45	10/19/2025 05:45	60	0.6	36,898	0.31	6	Atlas	Retained by Sneads Branch.	22,323	1
	11/18/2025 19:30	11/18/2025 20:15	45	0.64	27,965	0.25	24	Atlas	Retained by Sneads Branch.	17,925	1
	01/25/2026 02:00	01/25/2026 02:15	15	0.94	122	0.36	24	Atlas	Retained by Sneads Branch.	114	1
	03/04/2026 06:30	03/04/2026 14:00	450	0.61	46,654	0.28	12	Atlas	Retained by Sneads Branch.	28,599	1
	03/05/2026 10:00	03/05/2026 10:30	30	0.78	11,016	0.3	6	Atlas	Retained by Sneads Branch.	8,560	1
	03/06/2026 02:45	03/06/2026 03:00	15	0.78	14,694	0.3	6	Atlas	Retained by Sneads Branch.	11,417	1
	03/07/2026 11:30	03/07/2026 14:15	165	0.94	267,349	0.54	3	Atlas		251,308	1
	03/11/2026 17:15	03/11/2026 17:30	15	0.36	5,596	0.19	3	Atlas	Retained by Sneads Branch.	1,987	1
	03/15/2026 23:30	03/16/2026 01:45	135	0.73	73,333	0.45	3	Atlas		53,607	1
	04/24/2026 20:45	04/24/2026 21:15	30	0.46	48,790	0.29	3	Atlas	Retained by Sneads Branch.	22,639	1
	04/27/2026 19:00	04/28/2026 01:30	390	2.97	761,290	6.63	6	Cloudburst		2,257,985	1
	04/28/2026 22:15	04/28/2026 22:45	30	0.5	18,992	0.22	12	Atlas	Retained by Sneads Branch.	9,515	1
	05/05/2026 23:45	05/06/2026 00:45	60	1.05	40,583	0.44	12	Atlas	Retained by Sneads Branch.	42,490	1

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	05/18/2026 22:15	05/18/2026 22:45	30	0.35	315,112	0.27	1	Atlas	Retained by Sneads Branch.	111,865	1
	05/24/2026 15:00	05/24/2026 15:15	15	0.14	62,786	0.08	6	Atlas	Retained by Sneads Branch.	9,104	1
	05/26/2026 12:30	05/26/2026 13:30	60	0.75	81,411	0.38	6	Atlas	Retained by Sneads Branch.	60,733	1
CSO184 Total										10,511,598	24
CSO189	07/01/2025 04:00	07/01/2025 04:15	15	0.59	1,072	0.47	1	Atlas		627	1
	07/17/2025 17:00	07/17/2025 19:30	150	0.94	7,233,157	0.48	6	Atlas		6,770,235	1
	07/18/2025 23:15	07/18/2025 23:45	30	0.55	658,384	0.43	1	Atlas		365,403	1
	10/07/2025 10:00	10/07/2025 12:45	165	2.19	5,962,164	0.77	6	Atlas		13,080,987	1
CSO189 Total										20,217,252	4
CSO190	03/04/2026 06:15	03/04/2026 06:30	15	0.86	757	0.39	12	Atlas		651	1
	03/04/2026 16:45	03/04/2026 17:15	30	0.86	13,057	0.39	12	Atlas		11,229	1
	03/07/2026 12:15	03/07/2026 13:30	75	0.76	707	0.4	6	Atlas		538	1
	03/15/2026 23:15	03/16/2026 00:00	45	0.86	120,397	0.54	3	Atlas		104,143	1
	04/27/2026 18:30	04/28/2026 01:30	420	2.85	443,549	4.83	6	Cloudburst		1,264,115	1
	05/04/2026 05:45	05/04/2026 07:00	75	0.12	680,372	0.07	1	Atlas		78,923	1
	05/16/2026 17:15	05/16/2026 18:00	45	1.07	327,306	0.81	1	Atlas		350,544	1
	05/18/2026 22:00	05/18/2026 23:00	60	0.95	206,046	0.7	1	Atlas		195,537	1
	05/19/2026 16:00	05/19/2026 16:30	30	1.52	29,934	0.63	3	Atlas		45,589	1
	05/20/2026 15:00	05/20/2026 15:15	15	1.52	696	0.63	3	Atlas		1,060	1
	05/22/2026 20:00	05/22/2026 22:30	150	1.31	143,854	0.6	6	Atlas		189,025	1
	05/24/2026 14:30	05/24/2026 15:00	30	0.34	250,320	0.22	1	Atlas		84,108	1
	05/26/2026 12:30	05/26/2026 12:45	15	0.62	60	0.35	3	Atlas		37	1
CSO190 Total										2,325,498	13
CSO193	07/07/2025 15:45	07/07/2025 16:00	15	0.26	22,649	0.23	1	Atlas		5,957	1
	07/15/2025 12:30	07/15/2025 12:45	15	0.34	1,835	0.23	1	Atlas		615	1
	07/17/2025 14:45	07/17/2025 17:45	180	1.81	7,832	1.1	3	Atlas		14,160	1
	07/19/2025 14:30	07/19/2025 14:45	15	0.67	3,620	0.43	3	Atlas		2,433	1
	07/28/2025 19:15	07/28/2025 19:30	15	1.04	1,995	0.86	1	Atlas		2,076	1
	08/05/2025 17:45	08/05/2025 18:15	30	0.63	50,301	0.53	1	Atlas		31,539	1
	10/07/2025 10:15	10/07/2025 11:00	45	2.9	53,357	2.35	6	Cloudburst		154,950	1
	10/19/2025 01:30	10/19/2025 01:45	15	0.66	63	0.33	6	Atlas		42	1
	03/15/2026 23:30	03/15/2026 23:45	15	0.74	23	0.46	3	Atlas		17	1
	04/27/2026 18:45	04/28/2026 00:45	360	2.62	3,210	3.62	6	Cloudburst		8,396	1
	05/16/2026 17:15	05/16/2026 17:30	15	1.04	154	0.84	1	Atlas		160	1

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	05/18/2026 22:00	05/18/2026 22:30	30	0.85	6,216	0.65	1	Atlas		5,296	1
	05/19/2026 16:00	05/19/2026 18:15	135	1.56	3,678	0.71	3	Atlas		5,734	1
	05/22/2026 20:15	05/22/2026 21:00	45	1.47	2,523	0.66	6	Atlas		3,696	1
CSO193 Total										235,069	14
CSO196	07/17/2025 17:15	07/17/2025 17:45	30	1.4	2,780	0.76	3	Atlas		3,878	1
	07/18/2025 22:45	07/18/2025 23:00	15	0.62	1,445	0.48	1	Atlas		891	1
	07/19/2025 14:15	07/19/2025 14:30	15	0.74	70,088	0.47	1	Atlas		51,865	1
	07/28/2025 19:00	07/28/2025 19:15	15	1.07	56,522	0.89	1	Atlas		60,479	1
	08/05/2025 17:45	08/05/2025 18:00	15	0.67	86,375	0.58	1	Atlas		58,131	1
	09/22/2025 13:45	09/22/2025 14:00	15	0.59	24	0.33	3	Atlas		14	1
	09/24/2025 21:45	09/24/2025 22:00	15	1.02	9	0.34	6	Atlas		9	1
	10/07/2025 07:00	10/07/2025 12:00	300	3.11	35,698	3.33	6	Cloudburst		111,056	1
	02/10/2026 23:30	02/11/2026 11:00	690	0.02	211,624	0.01	3	Atlas		3,598	1
	03/01/2026 08:45	03/01/2026 09:15	30	0	1,576	0	1	Atlas		5	1
	04/27/2026 18:45	04/28/2026 00:45	360	2.7	69,160	4.19	6	Cloudburst		186,801	1
	05/16/2026 17:15	05/16/2026 17:45	30	0.94	56,129	0.77	1	Atlas		52,593	1
	05/18/2026 22:00	05/18/2026 22:15	15	0.7	5,337	0.54	1	Atlas		3,741	1
	05/19/2026 16:00	05/19/2026 16:15	15	1.26	50,417	0.57	3	Atlas		63,375	1
	05/22/2026 20:30	05/22/2026 21:00	30	1.59	20	0.7	6	Atlas		31	1
CSO196 Total										596,466	15
CSO197	07/17/2025 17:00	07/17/2025 17:45	45	1.4	3,822	0.76	3	Atlas		5,332	1
	07/18/2025 10:15	07/21/2025 08:15	4200	0.01	184,428,674	0	1	Atlas		922,143	1
	07/28/2025 18:45	07/28/2025 19:15	30	1.07	4,652	0.89	1	Atlas		4,978	1
	08/05/2025 17:30	08/05/2025 18:00	30	0.67	9,116	0.58	1	Atlas		6,135	1
	10/07/2025 09:45	10/07/2025 12:00	135	3.11	10,578	3.33	6	Cloudburst		32,908	1
	12/18/2025 19:45	12/18/2025 20:00	15	0.9	703	0.41	12	Atlas		629	1
	04/27/2026 19:45	04/28/2026 00:30	285	2.7	1,790	4.19	6	Cloudburst		4,836	1
	05/16/2026 17:15	05/16/2026 17:30	15	0.94	717	0.77	1	Atlas		671	1
	05/19/2026 15:45	05/19/2026 16:00	15	1.26	568	0.57	3	Atlas		714	1
	05/22/2026 20:15	05/22/2026 20:45	30	1.59	1,536	0.7	6	Atlas		2,440	1
CSO197 Total										980,787	10
CSO198	07/17/2025 17:15	07/17/2025 17:45	30	1.4	6,293	0.76	3	Atlas		8,779	1
	07/18/2025 22:30	07/18/2025 23:00	30	0.62	33,325	0.48	1	Atlas		20,562	1
	07/19/2025 14:15	07/19/2025 14:30	15	0.74	9,770	0.47	1	Atlas		7,230	1
	07/28/2025 18:45	07/28/2025 19:30	45	1.07	51,454	0.89	1	Atlas		55,055	1
	08/05/2025 17:30	08/05/2025 18:15	45	0.67	169,597	0.58	1	Atlas		114,139	1

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
	10/07/2025 07:00	10/07/2025 12:15	315	3.11	51,757	3.33	6	Cloudburst		161,016	1
	12/18/2025 19:45	12/18/2025 20:00	15	0.9	258	0.41	12	Atlas		231	1
	03/11/2026 21:00	03/12/2026 08:00	660	0.38	511,851	0.19	1	Atlas		192,456	1
	04/27/2026 18:45	04/28/2026 00:45	360	2.7	12,370	4.19	6	Cloudburst		33,411	1
	05/16/2026 17:15	05/16/2026 17:45	30	0.94	51,918	0.77	1	Atlas		48,647	1
	05/18/2026 22:00	05/18/2026 22:15	15	0.7	11,060	0.54	1	Atlas		7,753	1
	05/19/2026 16:00	05/19/2026 16:15	15	1.26	2,195	0.57	3	Atlas		2,759	1
	05/22/2026 20:30	05/22/2026 21:00	30	1.59	1,190	0.7	6	Atlas		1,889	1
CSO198 Total										653,927	13
CSO199	07/07/2025 15:45	07/07/2025 16:00	15	0.26	2,345	0.23	1	Atlas		607	1
	07/13/2025 20:00	07/13/2025 20:15	15	0.17	22,620	0.12	1	Atlas		3,845	1
	07/15/2025 12:30	07/15/2025 17:30	300	0.4	1,182	0.23	1	Atlas		475	1
	07/17/2025 16:45	07/17/2025 18:00	75	1.4	5,135	0.76	3	Atlas		7,163	1
	07/18/2025 22:45	07/18/2025 23:15	30	0.62	10,742	0.48	1	Atlas		6,628	1
	07/19/2025 14:30	07/19/2025 14:45	15	0.74	6,836	0.47	1	Atlas		5,058	1
	07/28/2025 19:00	07/28/2025 19:30	30	1.07	17,405	0.89	1	Atlas		18,624	1
	08/05/2025 17:45	08/05/2025 18:15	30	0.67	109,524	0.58	1	Atlas		73,710	1
	09/22/2025 14:00	09/22/2025 14:15	15	0.59	432	0.33	3	Atlas		254	1
	09/24/2025 22:00	09/24/2025 22:15	15	1.02	200	0.34	6	Atlas		205	1
	10/07/2025 07:15	10/07/2025 12:30	315	3.11	39,521	3.33	6	Cloudburst		122,951	1
	10/19/2025 01:30	10/19/2025 05:45	255	0.73	101	0.38	6	Atlas		74	1
	02/15/2026 12:00	02/15/2026 12:45	45	0.49	3	0.21	12	Atlas		1	1
	03/02/2026 19:30	03/02/2026 19:45	15	0.54	1	0.24	12	Atlas		1	1
	03/04/2026 13:30	03/04/2026 14:00	30	1.54	1	0.36	12	Atlas		2	1
	03/07/2026 11:30	03/07/2026 13:30	120	0.8	288	0.45	3	Atlas		231	1
	03/15/2026 23:30	03/16/2026 00:00	30	0.73	2	0.45	3	Atlas		1	1
	04/04/2026 16:45	04/04/2026 17:00	15	0.33	1	0.17	1	Atlas		0	1
CSO199 Total										239,830	18
CSO200	08/05/2025 17:45	08/05/2025 18:00	15	0.67	4,636	0.58	1	Atlas		3,120	1
	10/07/2025 10:00	10/07/2025 11:00	60	3.11	35,895	3.33	6	Cloudburst		111,671	1
CSO200 Total										114,791	2
CSO201	07/18/2025 22:45	07/18/2025 23:00	15	0.69	591	0.56	1	Atlas		410	1
	07/19/2025 14:30	07/19/2025 14:45	15	0.67	19,696	0.43	3	Atlas		13,236	1
	07/28/2025 19:00	07/28/2025 19:30	30	1.04	13,358	0.86	1	Atlas		13,905	1
	08/05/2025 17:45	08/05/2025 18:15	30	0.63	117,484	0.53	1	Atlas		73,663	1
	10/07/2025 09:45	10/07/2025 10:45	60	2.9	36,648	2.35	6	Cloudburst		106,426	1
	01/25/2026 17:15	01/26/2026 11:15	1080	0.92	637,009	0.35	24	Atlas		584,137	1

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
	03/07/2026 17:30	03/07/2026 18:45	75	0.75	3,862	0.41	3	Atlas		2,889	1
	04/27/2026 19:30	04/28/2026 01:30	360	2.62	82,971	3.62	6	Cloudburst		217,051	1
	04/29/2026 04:45	04/29/2026 13:00	495	0.45	258,654	0.19	12	Atlas		116,136	1
	05/05/2026 17:45	05/06/2026 00:30	405	0.99	106,586	0.4	12	Atlas		105,094	1
	05/16/2026 17:15	05/16/2026 17:30	15	1.04	56,647	0.84	1	Atlas		58,800	1
	05/18/2026 21:45	05/18/2026 22:15	30	0.85	7,119	0.65	1	Atlas		6,066	1
	05/19/2026 15:45	05/19/2026 16:15	30	1.56	20,064	0.71	3	Atlas		31,280	1
CSO201 Total										1,329,093	13
CSO202	07/13/2025 20:00	07/13/2025 20:15	15	0.17	1,428	0.12	1	Atlas		243	1
	07/15/2025 12:15	07/15/2025 12:30	15	0.4	6,176	0.23	1	Atlas		2,483	1
	07/17/2025 14:45	07/17/2025 17:45	180	1.4	2,957	0.76	3	Atlas		4,124	1
	07/18/2025 22:30	07/18/2025 23:00	30	0.62	7,451	0.48	1	Atlas		4,597	1
	07/19/2025 14:15	07/19/2025 14:30	15	0.74	47,387	0.47	1	Atlas		35,066	1
	07/28/2025 19:00	07/28/2025 19:30	30	1.07	9,799	0.89	1	Atlas		10,485	1
	08/05/2025 17:45	08/05/2025 18:15	30	0.67	70,698	0.58	1	Atlas		47,580	1
	10/19/2025 05:15	10/19/2025 05:30	15	0.73	638	0.38	6	Atlas		466	1
	12/18/2025 19:45	12/18/2025 20:00	15	0.9	2,130	0.41	12	Atlas		1,906	1
	03/15/2026 23:15	03/15/2026 23:30	15	0.73	0	0.45	3	Atlas		0	1
	04/27/2026 18:45	04/28/2026 00:45	360	2.7	7,353	4.19	6	Cloudburst		19,861	1
	05/16/2026 17:15	05/16/2026 17:45	30	0.94	6,622	0.77	1	Atlas		6,205	1
	05/18/2026 22:00	05/18/2026 22:15	15	0.7	4,171	0.54	1	Atlas		2,924	1
	05/19/2026 16:00	05/19/2026 18:15	135	1.26	19,442	0.57	3	Atlas		24,439	1
	05/22/2026 20:00	05/22/2026 21:00	60	1.59	2,040	0.7	6	Atlas		3,240	1
CSO202 Total										163,620	15
CSO203	07/13/2025 20:00	07/13/2025 20:15	15	0.17	24,946	0.12	1	Atlas		4,241	1
	07/17/2025 17:15	07/17/2025 17:30	15	1.4	4,201	0.76	3	Atlas		5,861	1
	07/18/2025 22:45	07/18/2025 23:00	15	0.62	1,182	0.48	1	Atlas		729	1
	07/19/2025 14:30	07/19/2025 14:45	15	0.74	1,658	0.47	1	Atlas		1,227	1
	07/28/2025 19:00	07/28/2025 19:30	30	1.07	16,228	0.89	1	Atlas		17,363	1
	08/05/2025 17:45	08/05/2025 18:15	30	0.67	130,563	0.58	1	Atlas		87,869	1
	10/07/2025 09:45	10/07/2025 11:00	75	3.11	11,235	3.33	6	Cloudburst		34,952	1
	05/16/2026 17:30	05/16/2026 17:45	15	0.94	3,733	0.77	1	Atlas		3,497	1
	05/19/2026 16:15	05/19/2026 16:30	15	1.26	3,014	0.57	3	Atlas		3,789	1
CSO203 Total										159,529	9
CSO208	07/01/2025 03:45	07/01/2025 04:00	15	0.86	16,819	0.71	1	Atlas		14,532	1
	07/17/2025 16:30	07/17/2025 16:45	15	2.53	6,107	4.71	3	Atlas		15,464	1
	07/28/2025 18:45	07/28/2025 19:00	15	1.02	162	0.85	1	Atlas		165	1

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
	10/07/2025 10:00	10/07/2025 10:15	15	2.83	2,839	1.78	6	Cloudburst		8,024	1
	04/27/2026 18:30	04/28/2026 00:30	360	2.74	38,095	4.31	6	Cloudburst		104,532	1
	05/18/2026 21:45	05/18/2026 22:00	15	1.02	31,847	0.77	1	Atlas		32,420	1
CSO208 Total										175,137	6
CSO210	07/01/2025 08:00	07/01/2025 08:30	30	0.59	2,905	0.48	1	Atlas		1,728	1
	07/14/2025 15:15	07/14/2025 15:30	15	0.92	1,055	0.78	1	Atlas		965	1
	07/28/2025 19:00	07/29/2025 00:45	345	1.16	43,696	0.97	1	Atlas		50,688	1
	08/05/2025 19:00	08/06/2025 04:15	555	0.15	252,096	0.11	1	Atlas		37,562	1
	09/04/2025 08:00	09/04/2025 09:30	90	0.56	30,930	0.31	6	Atlas		17,228	1
	09/14/2025 06:45	09/14/2025 10:15	210	1.28	1,007	0.73	3	Atlas		1,291	1
	09/22/2025 13:30	09/22/2025 19:15	345	0.91	41,889	0.39	12	Atlas		38,161	1
	09/24/2025 21:45	09/25/2025 06:15	510	0.73	57,562	0.34	6	Atlas		41,905	1
	10/06/2025 22:45	10/08/2025 02:15	1650	2.74	159,684	1.28	6	Cloudburst		438,013	1
	10/19/2025 06:45	10/20/2025 04:00	1275	0.52	13,788	0.26	6	Atlas		7,170	1
	10/30/2025 00:30	10/30/2025 13:00	750	1.58	154,764	0.54	24	Atlas		244,372	1
	11/18/2025 13:00	11/19/2025 02:00	780	0.71	116,414	0.27	24	Atlas		82,188	1
	11/21/2025 16:45	11/21/2025 20:45	240	0.29	153,144	0.12	1	Atlas		44,565	1
	12/18/2025 19:15	12/19/2025 03:45	510	0.8	95,885					76,900	1
	12/28/2025 23:00	12/29/2025 02:00	180	0.4	109,750	0.35	1	Atlas		44,010	1
	02/15/2026 09:00	02/15/2026 13:45	285	0.49	141,190	0.2	12	Atlas		68,477	1
	02/19/2026 17:00	02/19/2026 18:30	90	0.17	140,742	0.13	1	Atlas		23,926	1
	04/24/2026 21:45	04/25/2026 00:30	165	0.34	114,763	0.23	3	Atlas		39,019	1
	04/27/2026 18:30	04/28/2026 15:15	1245	2.81	176,321	4.6	6	Cloudburst		495,638	1
	05/05/2026 19:30	05/06/2026 06:45	675	0.84	183,458	0.35	12	Atlas		153,554	1
	05/16/2026 17:00	05/17/2026 00:30	450	0.65	137,319	0.47	1	Atlas		89,806	1
	05/18/2026 22:00	05/19/2026 05:30	450	0.77	212,643	0.56	1	Atlas		164,586	1
	05/19/2026 16:30	05/19/2026 23:00	390	1.09	57,645	0.37	24	Atlas		62,775	1
	05/20/2026 16:15	05/20/2026 19:15	180	1.09	45,783	0.37	24	Atlas		49,858	1
	05/22/2026 17:45	05/23/2026 16:45	1380	1.5	527,451	0.66	6	Atlas		792,760	1
	05/24/2026 14:30	05/24/2026 20:15	345	0.19	779,898	0.1	1	Atlas		147,401	1
	05/26/2026 12:30	05/26/2026 23:15	645	0.61	59,402	0.36	3	Atlas		36,354	1
CSO210 Total										3,250,900	27
CSO211	07/17/2025 17:00	07/17/2025 21:00	240	1.22	17,923,868	0.64	3	Atlas		21,831,271	1
	07/18/2025 23:00	07/19/2025 01:30	150	0.56	18,424,786	0.43	1	Atlas		10,317,880	1
	07/19/2025 15:15	07/19/2025 18:45	210	0.65	7,049,834	0.4	3	Atlas		4,561,242	1
	07/28/2025 19:00	07/28/2025 21:45	165	1.16	15,757,442	0.97	1	Atlas		18,278,633	1

CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
	08/05/2025 19:00	08/05/2025 20:30	90	0.15	580,738	0.11	1	Atlas		86,530	1
	09/22/2025 14:15	09/22/2025 16:45	150	0.91	2,219,231	0.39	12	Atlas		2,021,720	1
	09/24/2025 23:00	09/25/2025 04:30	330	0.73	4,255,326	0.34	6	Atlas		3,097,878	1
	10/07/2025 08:15	10/07/2025 15:00	405	2.74	20,528,486	1.28	6	Cloudburst		56,309,638	1
	10/29/2025 21:45	10/30/2025 00:45	180	1.58	5,163,111	0.54	24	Atlas		8,152,552	1
	11/18/2025 20:15	11/18/2025 20:45	30	0.71	40,127	0.27	24	Atlas		28,329	1
	12/18/2025 20:30	12/18/2025 22:45	135	0.8	4,640,026					3,721,301	1
	03/04/2026 12:00	03/04/2026 15:45	225	0.9	5,105,847	0.4	12	Atlas		4,579,944	1
	03/05/2026 12:45	03/05/2026 16:00	195	0.82	5,735,189	0.32	6	Atlas		4,702,855	1
	03/06/2026 05:00	03/06/2026 05:15	15	0.82	1,701	0.32	6	Atlas		1,395	1
	03/07/2026 13:00	03/07/2026 16:00	180	0.79	14,437,421	0.41	3	Atlas		11,362,250	1
	03/16/2026 00:45	03/16/2026 03:30	165	0.81	12,452,501	0.5	3	Atlas		10,098,978	1
	04/27/2026 19:30	04/28/2026 04:00	510	2.81	22,538,913	4.6	6	Cloudburst		63,356,885	1
	05/06/2026 01:30	05/06/2026 04:15	165	0.84	6,465,700	0.35	12	Atlas		5,411,791	1
	05/16/2026 17:45	05/16/2026 19:45	120	0.65	9,849,717	0.47	1	Atlas		6,441,715	1
	05/18/2026 22:45	05/19/2026 01:00	135	0.77	4,679,615	0.56	1	Atlas		3,622,022	1
	05/19/2026 18:15	05/19/2026 20:15	120	1.09	1,961,293	0.37	24	Atlas		2,135,849	1
	05/22/2026 20:15	05/23/2026 03:00	405	1.5	29,366,138	0.66	6	Atlas		44,137,305	1
	05/26/2026 14:15	05/26/2026 19:15	300	0.61	7,926,734	0.36	3	Atlas		4,851,161	1
CSO211 Total										289,109,124	23

Appendix B Annual Average Overflow Volume

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CSO	IOAP APPROVED LEVEL OF CONTROL	MODELED TYPICAL YEAR ACTIVATIONS FOR POST-IOAP CONDITIONS1			MODELED TYPICAL YEAR ACTIVATIONS FOR CURRENT CONDITIONS2			MODELED TYPICAL YEAR ACTIVATIONS FOR PRE-IOAP CONDITIONS3		
		VOLUME (MG)	TYPICAL YEAR MODELED TOTAL MINUTES ACTIVATED	TYPICAL YEAR MODELED TOTAL HOURS ACTIVATED	VOLUME (MG)	TYPICAL YEAR MODELED TOTAL MINUTES ACTIVATED	TYPICAL YEAR MODELED TOTAL HOURS ACTIVATED	VOLUME (MG)	TYPICAL YEAR MODELED TOTAL MINUTES ACTIVATED	TYPICAL YEAR MODELED TOTAL HOURS ACTIVATED
015	8	124.6	1095	18.25	788.6	9105	151.75	2779.9	68580	1143
016	8	0.4	285	4.75	776.8	64350	1072.5	39.0	5625	93.75
018	0	0.0	0	0	12.7	1245	20.75	158.1	30045	500.75
019	8	13.6	435	7.25	7.8	510	8.5	192.7	15990	266.5
020	8	1.0	435	7.25	28.0	5430	90.5	355.3	26115	435.25
022	8	1.8	315	5.25	1.8	435	7.25	4.5	945	15.75
023	8	0.0	0	0	0.6	105	1.75	1.8	525	8.75
027	N/A5	0.0	0	0	0.0	0	0	0.0	0	0
028	8	0.0	0	0	0.0	75	1.25	1.1	2520	42
029	8	0.0	105	1.75	0.0	90	1.5	4.6	6315	105.25
031	N/A5	0.0	0	0	0.0	0	0	0.0	0	0
034	8	0.1	180	3	0.1	570	9.5	3.0	7680	128
035	N/A5	0.0	0	0	0.0	15	0.25	0.0	0	0
036	8	0.1	165	2.75	0.0	165	2.75	0.2	480	8
038	N/A5	0.1	195	3.25	0.1	390	6.5	0.1	390	6.5
050	8	0.0	0	0	0.0	0	0	19.6	7230	120.5
051	8	0.0	0	0	11.9	2340	39	0.3	1020	17
052	N/A6	CSO Reporting Merged with CSO051			CSO Reporting Merged with CSO051			2.5	2700	45
053	8	0.0	0	0	0.2	630	10.5	7.7	11100	185
054	8	0.2	465	7.75	4.7	4605	76.75	1.8	8865	147.75
055	8	1.3	510	8.5	22.2	4965	82.75	4.9	2535	42.25
056	8	0.0	0	0	4.5	1605	26.75	4.3	2550	42.5
057	N/A5	0.0	0	0	0.0	0	0	0.0	0	0
058	8	0.0	0	0	0.5	90	1.5	51.4	21510	358.5
062	8	0.8	255	4.25	0.0	15	0.25	100.4	18525	308.75
082	0	0.0	0	0	0.0	90	1.5	19.2	11925	198.75
083	N/A6	CSO Reporting Merged with CSO119			CSO Reporting Merged with CSO119			0.5	345	5.75
084	0	0.0	0	0	0.9	270	4.5	19.2	5205	86.75
086	N/A5	0.0	0	0	0.0	0	0	0.0	0	0
088	4	0.0	45	0.75	0.0	75	1.25	10.7	8685	144.75
091	8	0.0	0	0	0.0	0	0	2.7	9675	161.25
092	N/A5	0.0	0	0	0.0	0	0	1.3	30	0.5
093	0	0.0	0	0	0.0	0	0	0.0	60	1
097	8	0.3	285	4.75	0.1	75	1.25	17.7	12390	206.5
104	N/A6	CSO Reporting Merged with CSO105			CSO Reporting Merged with CSO105			9.5	2955	49.25

		MODELED TYPICAL YEAR ACTIVATIONS FOR POST-IOAP CONDITIONS1			MODELED TYPICAL YEAR ACTIVATIONS FOR CURRENT CONDITIONS2			MODELED TYPICAL YEAR ACTIVATIONS FOR PRE-IOAP CONDITIONS3		
CSO	IOAP APPROVED LEVEL OF CONTROL	VOLUME (MG)	TYPICAL YEAR MODELED TOTAL MINUTES ACTIVATED	TYPICAL YEAR MODELED TOTAL HOURS ACTIVATED	VOLUME (MG)	TYPICAL YEAR MODELED TOTAL MINUTES ACTIVATED	TYPICAL YEAR MODELED TOTAL HOURS ACTIVATED	VOLUME (MG)	TYPICAL YEAR MODELED TOTAL MINUTES ACTIVATED	TYPICAL YEAR MODELED TOTAL HOURS ACTIVATED
105	8	29.0	585	9.75	99.5	3165	52.75	260.1	9450	157.5
106	N/A4	N/A - CSO Eliminated			N/A - CSO Eliminated			0.3	2040	34.0
108	8	1.6	210	3.5	1.9	375	6.25	51.9	7410	123.5
109	N/A5	2.3	705	11.75	0.5	645	10.75	1.2	1695	28.25
110	8	0.3	240	4	0.2	225	3.75	20.0	9735	162.25
111	8	0.7	315	5.25	0.6	300	5	5.0	3675	61.25
113	8	0.0	0	0	0.0	0	0	6.2	2475	41.25
117	8	35.4	2415	40.25	42.1	3315	55.25	86.4	13320	222
118	0	0.0	0	0	6.1	690	11.5	117.5	10350	172.5
119	0	0.9	1185	19.75	0.7	495	8.25	10.3	7830	130.5
120	0	0.0	0	0	0.4	300	5	7.5	6825	113.75
121	0	0.0	0	0	0.2	120	2	5.5	1890	31.5
125	4	0.0	0	0	2.5	210	3.5	24.4	5295	88.25
126	4	0.0	0	0	0.2	150	2.5	3.4	3225	53.75
127	N/A4	N/A - CSO Eliminated			N/A - CSO Eliminated			12.0	4170	69.5
130	8	0.0	0	0	0.0	0	0	2.2	0	0
131	4	0.1	75	1.25	0.1	120	2	1.7	135	2.25
132	4	0.0	0	0	2.9	1155	19.25	83.3	0	0
137	N/A4	N/A - CSO Eliminated			N/A - CSO Eliminated			9.5	7950	132.5
140	0	0.0	0	0	0.0	0	0	2.6	3030	50.5
141	0	0.0	0	0	0.0	0	0	0.7	10215	170.25
142	N/A6	CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184			0.0	0	0
144	N/A5	0.6	345	5.75	0.5	495	8.25	0.8	225	3.75
146	8	0.7	315	5.25	1.0	375	6.25	37.6	5910	98.5
148	8	0.0	0	0	0.0	0	0	0.7	1650	27.5
149	8	22.4	1920	32	23.0	2325	38.75	138.5	7590	126.5
150	N/A6	CSO Reporting Merged with CSO053			CSO Reporting Merged with CSO053			0.8	1575	26.25
151	8	0.0	90	1.5	0.0	120	2	97.7	35145	585.75
152	8	6.0	720	12	6.9	795	13.25	58.9	11715	195.25
153	0	0.0	0	0	1.1	1005	16.75	18.7	15345	255.75
154	4	0.0	0	0	0.0	0	0	23.0	15480	258
155	8	0.0	0	0	0.0	0	0	0.6	2130	35.5
160	0	0.0	0	0	0.0	0	0	0.0	465	7.75
161	N/A5	0.0	0	0	0.0	0	0	0.0	0	0
166	4	0.0	0	0	0.0	0	0	52.5	5595	93.25

CSO	IOAP APPROVED LEVEL OF CONTROL	MODELED TYPICAL YEAR ACTIVATIONS FOR POST-IOAP CONDITIONS1			MODELED TYPICAL YEAR ACTIVATIONS FOR CURRENT CONDITIONS2			MODELED TYPICAL YEAR ACTIVATIONS FOR PRE-IOAP CONDITIONS3		
		VOLUME (MG)	TYPICAL YEAR MODELED TOTAL MINUTES ACTIVATED	TYPICAL YEAR MODELED TOTAL HOURS ACTIVATED	VOLUME (MG)	TYPICAL YEAR MODELED TOTAL MINUTES ACTIVATED	TYPICAL YEAR MODELED TOTAL HOURS ACTIVATED	VOLUME (MG)	TYPICAL YEAR MODELED TOTAL MINUTES ACTIVATED	TYPICAL YEAR MODELED TOTAL HOURS ACTIVATED
167	N/A6	CSO Reporting Merged with CSO132			CSO Reporting Merged with CSO132			0.5	1890	31.5
172	N/A4	N/A - CSO Eliminated			N/A - CSO Eliminated			0.8	2265	37.75
174	N/A6	CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184			14.1	6660	111
178	8	0.1	75	1.25	0.0	0	0	20.0	11250	187.5
179	N/A6	CSO Reporting Merged with CSO149			CSO Reporting Merged with CSO149			0.0	0	0
180	N/A6	CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184			0.0	165	2.75
181	8	0.0	0	0	0.0	0	0	3.8	8835	147.25
182	N/A6	CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184			31.0	5700	95
183	N/A6	CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184			0.0	0	0
184	N/A6	5.3	645.0	10.75	0.0	0.0	0.0	0.3	840	14
185	N/A6	CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184			1.6	1755	29.25
186	N/A6	CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184			0.0	0	0
187	N/A6	CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184			0.0	0	0
188	N/A6	CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184			0.0	0	0
189	8	24.5	555	9.25	71.3	2385	39.75	240.0	11505	191.75
190	8	1.0	210	3.5	0.3	345	5.75	29.9	7380	123
191	N/A6	CSO Reporting Merged with CSO015			CSO Reporting Merged with CSO015			4.3	1095	18.25
193	8	0.1	180	3	0.0	195	3.25	0.1	315	5.25
195	8	0.0	0	0	0.0	105	1.75	2.8	10545	175.75
196	8	0.0	0	0	0.0	195	3.25	0.0	495	8.25
197	8	0.0	165	2.75	0.0	0	0	2.8	8385	139.75
198	N/A5	0.0	150	2.5	0.0	90	1.5	0.1	510	8.5
199	8	0.0	150	2.5	0.1	435	7.25	0.7	7605	126.75
200	8	0.0	0	0	0.0	0	0	2.2	12120	202
201	N/A5	0.4	240	4	0.1	270	4.5	0.7	1245	20.75
202	8	0.0	150	2.5	0.0	315	5.25	0.1	1695	28.25
203	N/A5	0.0	0	0	0.0	195	3.25	0.0	0	0
205	N/A6	CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184			0.0	150	2.5
206	N/A4	N/A - CSO Eliminated			N/A - CSO Eliminated			29.0	14805	246.75
207	N/A5	0.0	0	0	0.0	0	0	0.0	0	0
208	N/A5	0.2	375	6.25	0.3	660	11	0.7	4890	81.5
210	8	1.7	375	6.25	1.0	900	15	19.4	5835	97.25
211	8	34.4	690	11.5	580.3	11985	199.75	1090.4	18585	309.75

CSO	IOAP APPROVED LEVEL OF CONTROL	MODELED TYPICAL YEAR ACTIVATIONS FOR POST-IOAP CONDITIONS1			MODELED TYPICAL YEAR ACTIVATIONS FOR CURRENT CONDITIONS2			MODELED TYPICAL YEAR ACTIVATIONS FOR PRE-IOAP CONDITIONS3		
		VOLUME (MG)	TYPICAL YEAR MODELED TOTAL MINUTES ACTIVATED	TYPICAL YEAR MODELED TOTAL HOURS ACTIVATED	VOLUME (MG)	TYPICAL YEAR MODELED TOTAL MINUTES ACTIVATED	TYPICAL YEAR MODELED TOTAL HOURS ACTIVATED	VOLUME (MG)	TYPICAL YEAR MODELED TOTAL MINUTES ACTIVATED	TYPICAL YEAR MODELED TOTAL HOURS ACTIVATED

1Post-IOAP Condition results are based on model simulations of the 2001 Typical Year with the "baseline" projects implemented (Sanitary Sewer Discharge Plan and other existing Combined Sewer System facility improvements) and the most recently compiled Long Term Control Plan project model. This model reflects the updated projects included in the 2021 IOAP modification. Modeling results assume MFWQTC operating at full capacity. The data reflects the construction of the current approved suite of IOAP projects, with some minor modifications to the results based on projected optimization and projected revision of the RTC. Additional revisions to RTC and programming is anticipated as projects are completed and RTC is optimized. Modeling results demonstrate that the system, as currently designed and when operating at full capacity, will perform better than the approved plan. However, this data is provided for information only. The modeling results do not reflect a specific committment to a set number of activations, cumulative volume or total minutes of overflow at each CSO, nor do they represent a cumulative committment to residual AAOV. There are no target committments for number of activations at each individual CSO. The target committment for the system is based on an 85% capture, resulting in a total residual AAOV of 2,955 MG.

2Current Condition results are based on model simulations of the 2001 Typical Year with current upstream SSDP conditions and the current average available treatment plant capacity at MFWWTC. The model reflects projects certified through June 30, 2023. Partial construction of projects was not included.

3Pre-IOAP results are based on model simulations of the 2001 Typical Year with no baseline projects or IOAP projects constructed. Model results reflect calibration modifications to the model that occurred after the onset of the IOAP.

4These CSOs have been eliminated via implementation of Long Term Control Plan projects

5These CSOs were originally modeled or had baseline modeling condtions causing them to activate less than or equal to 8 times per Typical Year and thus do not have an associated project in the approved IOAP. Some were revised later with updated model geometry and were mitigated with CMOM activities.

6These CSOs were mitigated in conjuction with other CSOs with a control structure (weir or gate) downstream of the original CSO. The new CSO location consolidates the overflow point, and overflows will be reported from a single locaton.

APPENDIX C UNAUTHORIZED DISCHARGES - WET WEATHER SSOS

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WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	3450 GLENVIEW AVE	7/15/2025 14:30	7/15/2025 22:04	3000	Sewer Lift Station	SSPSMF-GLHI	DITCH	OHIO RIVER	ELECTRICAL PROBLEM WITH MSD EQUIPMENT, GENERATOR DIDN'T START.	ELECTRICAL PROBLEMS AT MSD	3967143	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.	POWER RESTORED BATTERY WILL BE REPLACE.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	7/16/2025 9:25	7/16/2025 10:40	350	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3967243	CLEAN UP NOT REQUIRED, NO VISIBLE SIGNS OR SANITARY DEBRIS ON OR AROUND MANHOLE.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	7/16/2025 9:30	7/16/2025 10:40	355	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3967245	CLEAN UP NOT REQUIRED, NO VISIBLE SIGNS OF SANITARY DEBRIS ON OR AROUND MANHOLE.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	7/17/2025 10:15	7/18/2025 1:15	400000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3968404	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1001 BRECKENRIDGE LN	7/17/2025 20:00	7/17/2025 23:30	200000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3968405	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1340 LANDRUM LN	7/17/2025 20:40	7/18/2025 10:50	16800	Sewer Manhole	45835	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3968411	WO# 3975453.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	7/17/2025 20:45	7/17/2025 23:30	825	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3968407	CLEAN UP NOT REQUIRED. NO VISIBLE SIGNS OF DEBRIS ON OR AROUND THE MANHOLE.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	202 OXMOOR LN	7/17/2025 21:30	7/18/2025 11:14	156000	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3968412	WO#3975455.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	7/17/2025 21:30	7/17/2025 21:20	550	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3968436	CLEAN UP NOT REQUIRED. NO VISIBLE SIGNS OF DEBRIS ON OR AROUND THE MANHOLE.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	3955 E BLUE LICK RD	7/18/2025 2:30	7/21/2025 7:42	88700	Sewer Lift Station	SSPSWB-MATL	STREAM	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3975654	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	7/18/2025 22:30	7/19/2025 23:15	110000	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3975644	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	7/19/2025 0:00	7/21/2025 6:17	60425	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3975638	WO# 3975952.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	7/19/2025 0:00	7/19/2025 14:10	21250	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3975639	CLEAN UP NOT REQUIRED. NO VISIBLE SIGNS OF DEBRIS ON OR AROUND THE MANHOLE.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3506 CHARLANE PKY	7/19/2025 0:03	7/19/2025 12:25	18250	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3975642	CLEAN UP NOT REQUIRED. NO VISIBLE SIGNS OF DEBRIS ON OR AROUND THE MANHOLE.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	7/19/2025 0:04	7/19/2025 12:05	7210	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3975643	CLEAN UP NOT REQUIRED. NO VISIBLE SIGNS OF DEBRIS ON OR AROUND THE MANHOLE.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	7/19/2025 0:05	7/20/2025 6:17	35925	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3975637	CLEAN UP NOT REQUIRED. NO VISIBLE SIGNS OF DEBRIS ON OR AROUND THE MANHOLE.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	7/19/2025 0:10	7/20/2025 6:31	71250	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3975640	CLEAN UP NOT REQUIRED. NO VISIBLE SIGNS OF DEBRIS ON OR AROUND THE MANHOLE.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	7/19/2025 0:12	7/20/2025 6:30	88500	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3975641	WO# 3975951.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	7/19/2025 17:15	7/20/2025 0:15	400000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3975683	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1001 BRECKENRIDGE LN	7/19/2025 18:00	7/19/2025 23:45	100000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3975684	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1340 LANDRUM LN	7/19/2025 19:00	7/20/2025 9:00	16800	Sewer Manhole	45835	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3975686	WO#3975453.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	202 OXMOOR LN	7/19/2025 19:45	7/20/2025 9:15	162000	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3975688	WO#3975455.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	7/28/2025 21:30	7/28/2025 23:30	360	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3979880	CLEAN UP NOT REQUIRED. NO VISIBLE SIGNS OF DEBRIS ON OR AROUND THE MANHOLE.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	8/5/2025 19:30	8/5/2025 21:00	5000	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3980804	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	9/24/2025 23:45	9/26/2025 0:00	94	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4001299	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	10/7/2025 8:45	10/8/2025 4:30	200000	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003408	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	10/7/2025 10:00	10/8/2025 9:16	69500	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003355	WO#4004571.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	10/7/2025 11:15	10/8/2025 4:00	1100000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003413	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2408 GRAY FOX RD	10/7/2025 11:15	10/8/2025 6:25	228000	Sewer Manhole	27012	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003384	WO#4004581.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1044 ALTA VISTA RD	10/7/2025 11:17	10/8/2025 6:28	142500	Sewer Manhole	27008	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003388	WO#4004582.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	9317 LANTANA DR	10/7/2025 11:23	10/10/2025 7:29	18000	Sewer Lift Station	SSPSDG-LAN1	DITCH	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4003313	NONE POSSIBLE DUE TO MAGNITUDE OF STORM.	SITE FOUND DURING RAIN EVENT RECON.
MORRIS FORMAN WQTC	KY0022411	3322 DELL RD	10/7/2025 11:26	10/8/2025 9:03	32500	Sewer Manhole	28414	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003374	WO#4004574.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	3501 MARLIN DR	10/7/2025 11:28	10/8/2025 9:04	32500	Sewer Manhole	28416	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003380	WO#4004577.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3406 DELL RD	10/7/2025 11:31	10/8/2025 9:03	6500	Sewer Manhole	28415	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003377	WO#4004576.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1011 ALTA CIR	10/7/2025 11:31	10/8/2025 6:30	285000	Sewer Manhole	45796	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003389	WO#4004583.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	10/7/2025 11:37	10/8/2025 9:10	6500	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003358	WO#4004568.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	10/7/2025 11:40	10/8/2025 9:11	32500	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003363	WO#4004569.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	1012 ALTA CIR	10/7/2025 11:40	10/8/2025 6:33	108000	Sewer Manhole	40559	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003391	WO#4004584.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3506 CHARLANE PKY	10/7/2025 11:42	10/8/2025 9:12	32500	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003369	WO#4004570.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	9114 CINDERELLA LN	10/7/2025 11:44	10/10/2025 7:31	6000	Sewer Lift Station	SSPSDG-CIND	DITCH	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4003320	CLEANED AND SANITIZED THE IMPACTED AREA.	NO REPAIRS REQUIRED.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	10/7/2025 11:45	10/8/2025 9:14	130000	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003371	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA WO #4004572.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	10/7/2025 11:50	10/8/2025 9:15	97500	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003373	WO#4004573.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	5007 LEA ANN WAY	10/7/2025 12:50	10/7/2025 22:04	910800	Sewer Manhole	84926	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY - HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003367	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	3302 TROUT CREEK DR	10/7/2025 13:10	10/8/2025 9:40	123000	Sewer Manhole	23211	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003793	WO#4004563.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2001 TERRIL LN	10/7/2025 13:12	10/8/2025 9:47	123000	Sewer Manhole	23212	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003795	WO#4004564.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2107 LITTLE CREEK CT	10/7/2025 13:12	10/8/2025 9:45	30750	Sewer Service Line	46602107	GROUND	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003799	WO#4004565.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2011 TERRIL LN	10/7/2025 13:13	10/8/2025 9:46	123000	Sewer Manhole	51180	GROUND	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003797	WO#4004565.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	201 BULLITT LN	10/7/2025 13:20	10/8/2025 7:00	127500	Sewer Manhole	47582	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003752	WO#4004587.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	10/7/2025 13:21	10/8/2025 9:13	5950	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003462	WO#4004571.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1001 BRECKENRIDGE LN	10/7/2025 13:23	10/8/2025 1:45	250000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003419	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3506 DELL RD	10/7/2025 13:27	10/8/2025 9:16	29750	Sewer Manhole	28417	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003465	WO#4004578.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	202 OXMOOR LN	10/7/2025 13:55	10/8/2025 7:10	255000	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003754	WO#4004588.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	7900 SHELBYVILLE RD	10/7/2025 14:10	10/8/2025 7:12	34000	Sewer Manhole	02933	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003775	WO#4004589.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	7900 SHELBYVILLE RD	10/7/2025 14:12	10/8/2025 7:15	102000	Sewer Manhole	02935	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003755	WO#4004591	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	8021 CHRISTIAN CT	10/7/2025 14:15	10/8/2025 7:16	51000	Sewer Manhole	90700	CATCH BASIN	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003756	WO#4004592.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4309 PRUITT CT	10/7/2025 14:30	10/7/2025 19:37	7500	Sewer Manhole	08426	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003786	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4315 PRUITT CT	10/7/2025 14:31	10/7/2025 19:37	7500	Sewer Manhole	49647	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003789	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4313 PRUITT CT	10/7/2025 14:32	10/7/2025 19:38	7500	Sewer Manhole	08427	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003791	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	4341 PRUITT CT	10/7/2025 14:39	10/7/2025 19:41	7500	Sewer Manhole	08430	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003792	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	8800 ADMIRAL DR	10/7/2025 14:45	10/7/2025 23:15	76500	Sewer Manhole	117174	GROUND	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4003511	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA. WO# 4003779	FOUND DURING RECON.
DEREK R. GUTHRIE WQTC	KY0078956	3955 E BLUE LICK RD	10/7/2025 14:49	10/8/2025 7:31	215900	Sewer Lift Station	SSPSWB-MATL	STREAM	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4003521	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
MORRIS FORMAN WQTC	KY0022411	8117 COPPERCREEK DR	10/7/2025 14:50	10/8/2025 7:23	56000	Sewer Manhole	65070	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003764	WO#4004596.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	7913 SHELBYVILLE RD	10/7/2025 15:10	10/8/2025 7:27	160000	Sewer Manhole	84155	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003761	WO#4004593.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	8016 SHELBYVILLE RD	10/7/2025 15:30	10/8/2025 7:20	90000	Sewer Manhole	47603	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003762	WO#4004594.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
DEREK R. GUTHRIE WQTC	KY0078956	4005 KIRBY LN	10/7/2025 15:32	10/7/2025 15:43	2300	Sewer Manhole	61266	DITCH	FERN CREEK	ELECTRICAL PROBLEM WITH MSD EQUIPMENT/ ASSET, BLOWN FUSE.	ELECTRICAL PROBLEMS AT MSD	4003649	CLEANED AND SANITIZED THE IMPACTED AREA.	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR. REPLACED FUSE.
MORRIS FORMAN WQTC	KY0022411	8021 CHRISTIAN CT	10/7/2025 16:32	10/8/2025 7:37	22500	Sewer Manhole	47593	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003759	CLEAN UP NOT REQUIRED. MAGNITUDE OF STORM FLUSHED SOLIDS AND DEBRIS FROM SITE.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	7908 ANNELLA WAY	10/7/2025 16:40	10/9/2025 16:40	72000	Sewer Manhole	19401	GROUND	POND CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4003742	WATER HAS NOT RECEDED - CUSTOMER ADVISED TO CONTACT CUSTOMER RELATIONS WHEN WATER RECEDES.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
DEREK R. GUTHRIE WQTC	KY0078956	8301 SIESTA WAY	10/7/2025 17:23	10/7/2025 21:10	25	Sewer Manhole	17428	CATCH BASIN	SOUTHERN DITCH	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4003732	MSD PERSONNEL CLEANED THE IMPACTED AREA. WO#4003819	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
MORRIS FORMAN WQTC	KY0022411	978 BRECKENRIDGE LN	10/7/2025 18:55	10/8/2025 7:50	18000	Sewer Manhole	74520	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4003784	WO#4004597.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	501 W TENNY AVE	10/7/2025 19:20	10/7/2025 19:45	1	Sewer Manhole	10726	GROUND	NORTHERN DITCH	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4003796	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	2572 WOODBOURNE AVE	10/20/2025 9:00	10/20/2025 15:10	360	Sewer Manhole	45869	GROUND	MIDDLE FORK BEARGRASS CREEK	ROOTS IN MAIN SEWER	ROOTS	4013057	NO CLEAN UP PERFORMED – PIPE DISCHARGING.	REFERRED TO AREA SUPERVISOR FOR FURTHER INVESTIGATION THROUGH MSR WORK ORDER.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	10/30/2025 9:30	10/30/2025 11:00	412	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	4014861	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	3955 E BLUE LICK RD	11/18/2025 21:21	11/19/2025 12:52	12800	Sewer Lift Station	SSPSWB-MATL	STREAM	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4025535	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
DEREK R. GUTHRIE WQTC	KY0078956	3955 E BLUE LICK RD	12/18/2025 20:05	12/20/2025 6:24	55000	Sewer Lift Station	SSPSWB-MATL	STREAM	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4037140	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	12/18/2025 23:10	12/19/2025 7:52	30000	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4037159	DISCLN #4037329.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	12/18/2025 23:19	12/19/2025 7:57	19000	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4037161	DISCLN 4037330.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	12/18/2025 23:25	12/19/2025 7:57	28875	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4037163	DISCLN #4037331.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	12/18/2025 23:31	12/19/2025 7:57	19500	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4037166	DISCLN 4037332.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3506 CHARLANE PKY	12/18/2025 23:36	12/19/2025 7:53	19750	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4037167	DISCLN #4037327.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	12/18/2025 23:52	12/19/2025 7:50	30375	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4037171	DISCLN #4037335.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	12/18/2025 23:53	12/19/2025 7:51	20150	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4037172	DISCLN #4037333.	LOCATION INCLUDED IN IOAP.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	12/19/2025 0:30	12/19/2025 3:30	900000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4037246	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	3955 E BLUE LICK RD	2/19/2026 15:55	2/19/2026 22:19	29800	Sewer Lift Station	SSPSWB-MATL	STREAM	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4059734	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
DEREK R. GUTHRIE WQTC	KY0078956	3955 E BLUE LICK RD	3/5/2026 14:28	3/6/2026 8:55	48400	Sewer Lift Station	SSPSWB-MATL	STREAM	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064270	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	3/5/2026 15:05	3/6/2026 6:48	42000	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064296	DISCLN 4064430.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	3/5/2026 15:10	3/6/2026 6:51	21000	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064309	DISCLN 4064432.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	3/5/2026 15:11	3/6/2026 6:53	42000	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064310	DISCLN 4064433.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3506 CHARLANE PKY	3/5/2026 15:13	3/6/2026 6:55	21000	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064312	DISCLN #4064434.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	3/5/2026 15:15	3/6/2026 6:56	21000	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064314	DISCLN 4064435.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	3/5/2026 15:16	3/6/2026 6:58	21000	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064315	DISCLN 4064436.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	3/5/2026 15:18	3/6/2026 7:00	21000	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064316	DISCLN 4064437.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	165 OCTAGON AVE	3/5/2026 16:51	3/6/2026 13:05	51000	Sewer Lift Station	SSPSH2-WTRI	GROUND	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064392	DISCLN 4064514.	NONE, LACK OF CAPACITY.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	3/6/2026 7:02	3/6/2026 20:15	100000	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064438	DISCLN 4064698.	LOCATION INCLUDED IN IOAP.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	3/6/2026 12:38	3/6/2026 12:48	500	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064498	DISCLN 4065617.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	2917 SENECA PARK RD	3/7/2026 11:45	3/11/2026 0:06	253050	Sewer Manhole	45890			ROOTS IN MAIN SEWER.	ROOTS	4066037	NO CLEANUP, MANHOLE DISCHARGING DIRECTLY INTO STREAM.	PUMPAROUND SET UP TO STOP DISCHARGE. CONTRTACTOR WORKING TO REMOVE ROOTS.
MORRIS FORMAN WQTC	KY0022411	2917 SENECA PARK RD	3/7/2026 11:45	3/11/2026 0:06	506100	Sewer Manhole	45889	STREAM	MIDDLE FORK BEARGRASS CREEK	ROOTS IN MAIN SEWER.	ROOTS	4064921	NO CLEANUP, MANHOLE DISCHARGING DIRECTLY INTO STREAM.	PUMPAROUND SET UP TO STOP DISCHARGE. CONTRTACTOR WORKING TO REMOVE ROOTS TVI 4064923.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	3/7/2026 12:15	3/9/2026 0:30	200000	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064857	DISCLN 4065013.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	3/7/2026 12:45	3/8/2026 23:15	2093000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4065059	DISCLN 5541185.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	3955 E BLUE LICK RD	3/7/2026 14:01	3/8/2026 10:00	47300	Sewer Lift Station	SSPSWB-MATL	STREAM	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064852	NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM.	NO ACTION TAKEN, LACK OF CAPACITY.
MORRIS FORMAN WQTC	KY0022411	1001 BRECKENRIDGE LN	3/7/2026 14:45	3/8/2026 16:45	2300000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4065027	DISCLN 4065031.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3302 TROUT CREEK DR	3/7/2026 15:15	3/7/2026 17:33	1380	Sewer Manhole	23211	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064877	DISCLN 4064899.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	2408 GRAY FOX RD	3/7/2026 16:18	3/8/2026 8:30	120000	Sewer Manhole	27012	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4065046	DISCLN 4065048.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1044 ALTA VISTA RD	3/7/2026 16:25	3/8/2026 8:40	24000	Sewer Manhole	27008	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4065042	DISCLN 4065043.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1013 ALTA CIR	3/7/2026 16:30	3/8/2026 9:00	99000	Sewer Manhole	27007	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4065039	DISCLN 4065040.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1011 ALTA CIR	3/7/2026 16:30	3/8/2026 8:50	123750	Sewer Manhole	45796	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4065050	DISCLN 4065051.	LOCATION INCLUDED IN IOAP.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	3/7/2026 16:51	3/8/2026 6:54	58500	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064887	DISCLN 4064944.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	3/7/2026 16:55	3/8/2026 6:59	39000	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064889	DISCLN 4064945.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	3/7/2026 16:59	3/8/2026 7:02	19500	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064890	DISCLN 4064946.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3506 CHARLANE PKY	3/7/2026 17:03	3/8/2026 7:04	7800	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064891	DISCLN 4064947.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	3/7/2026 17:07	3/8/2026 7:06	7800	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064893	DISCLN 4064948.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	3/7/2026 17:10	3/8/2026 7:08	39000	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064894	DISCLN 4064949.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	3/7/2026 17:12	3/8/2026 7:10	19500	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4064895	DISCLN 4064950.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	201 BULLITT LN	3/7/2026 17:15	3/8/2026 8:00	173400	Sewer Manhole	47582	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4065054	DISCLN 4065055.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	202 OXMOOR LN	3/7/2026 17:25	3/8/2026 8:15	135000	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4065056	DISCLN 4065057.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	3/11/2026 19:30	3/11/2026 20:30	411	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4067657	DISCLN 4067658.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	2120 INDIAN HILLS TRL	3/16/2026 0:00	3/16/2026 23:35	6000	Sewer Manhole	40871	DITCH	MUDDY FORK BEARGRASS CREEK	POWER OUTAGE (LG&E).	ELECTRICAL PROBLEMS AT MSD	4068329	CLEANED AND SANITIZED THE IMPACTED AREA.	GENERATOR UTILIZED UNTIL POWER RESTORED.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	3/16/2026 2:30	3/16/2026 10:00	3174	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4068189	DISCLN 4068281.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	3955 E BLUE LICK RD	3/16/2026 2:44	3/18/2026 8:31	16800	Sewer Lift Station	SSPSWB-MATL	STREAM	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4068138	NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM.	NO ACTION TAKEN. LACK OF CAPACITY.
DEREK R. GUTHRIE WQTC	KY0078956	5806 BRANDYWYNE CT	3/16/2026 15:54	3/16/2026 21:37	100	Sewer Main	70160A-AG	GROUND	FERN CREEK	STRUCTURAL FAILURE (FORCE MAIN BREAK).	STRUCTURAL FAILURE	4068303	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA DISCLN 4068326.	REPAIRED THE MAIN SEWER; WORK ORDER.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	2120 INDIAN HILLS TRL	3/17/2026 3:05	3/17/2026 4:45	11000	Sewer Manhole	40871	DITCH	MUDDY FORK BEARGRASS CREEK	POWER OUTAGE (LG&E).	POWER OUTAGE (LG&E)	4070967	CLEANED AND SANITIZED THE IMPACTED AREA.	DEBRIS/ SOLIDS/ PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	4/27/2026 22:15	4/28/2026 15:00	1100000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4096112	MSD CREWS TO CLEAN AND SANITIZE AREA.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	3955 E BLUE LICK RD	4/28/2026 2:30	4/28/2026 4:39	15600	Sewer Lift Station	SSPSWB-MATL	STREAM	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4096014	NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM.	NO ACTION TAKEN. LACK OF CAPACITY.
MORRIS FORMAN WQTC	KY0022411	1011 ALTA CIR	4/28/2026 9:35	4/29/2026 8:00	69000	Sewer Manhole	45796	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4096336	MSD CREWS TO CLEAN AND SANITIZE AREA.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	202 OXMOOR LN	4/28/2026 10:35	4/29/2026 8:00	110000	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4096380	MSD CREWS TO CLEAN AND SANITIZE AREA.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1001 BRECKENRIDGE LN	4/28/2026 11:26	4/28/2026 16:30	88230	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4096415	MSD CREWS TO CLEAN AND SANITIZE AREA.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	3955 E BLUE LICK RD	4/29/2026 9:54	5/1/2026 8:29	7200	Sewer Lift Station	SSPSWB-MATL	STREAM	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4097021	NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM.	NO ACTION TAKEN. LACK OF CAPACITY.
DEREK R. GUTHRIE WQTC	KY0078956	3955 E BLUE LICK RD	5/22/2026 21:36	5/25/2026 9:34	119200	Sewer Lift Station	SSPSWB-MATL	STREAM	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4108538	NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM.	NO ACTION TAKEN. LACK OF CAPACITY.
DEREK R. GUTHRIE WQTC	KY0078956	8800 ADMIRAL DR	5/23/2026 6:00	5/23/2026 9:00	9000	Sewer Manhole	93703	GROUND	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4108898	CLEANED AND SANITIZED THE IMPACTED AREA.	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	7913 SHELBYVILLE RD	5/23/2026 10:22	5/23/2026 16:31	93750	Sewer Manhole	84155	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4108908	DISCLN 4108955.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	8113 SHELBYVILLE RD	5/23/2026 10:24	5/23/2026 16:39	43960	Sewer Manhole	30376	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4108909	DISCLN 4108958.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	2408 GRAY FOX RD	5/23/2026 10:29	5/24/2026 17:23	144000	Sewer Manhole	27012	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4108911	DISCLN 4109020.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1044 ALTA VISTA RD	5/23/2026 10:31	5/24/2026 17:24	108000	Sewer Manhole	27008	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4108912	DISCLN 4109021.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1011 ALTA CIR	5/23/2026 10:34	5/26/2026 7:41	6300	Sewer Manhole	45796	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4108914	DISCLN 4109309.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	5/23/2026 10:44	5/24/2026 6:30	2000000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4108915	DISCLN 4109103.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1001 BRECKENRIDGE LN	5/23/2026 10:54	5/23/2026 23:15	3400000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4108925	DISCLN 4109102.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	202 OXMOOR LN	5/23/2026 10:59	5/24/2026 17:28	624000	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4108931	DISCLN #4109083.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	201 BULLITT LN	5/23/2026 11:00	5/24/2026 17:26	132000	Sewer Manhole	47582	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4108932	DISCLN #4109022.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	202 OXMOOR LN	5/24/2026 17:29	5/26/2026 7:43	624000	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4109084	DISCLN #4109311.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1001 BRECKENRIDGE LN	5/25/2026 19:55	5/25/2026 0:00	200000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4109138	DISCLN #4109139.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	5/25/2026 20:01	5/25/2026 3:30	900000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4109140	DISCLN #4109141.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	3955 E BLUE LICK RD	5/26/2026 14:01	5/27/2026 7:19	49000	Sewer Lift Station	SSPSWB-MATL	STREAM	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4109448	NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM.	NO ACTION TAKEN, LACK OF CAPACITY.
MORRIS FORMAN WQTC	KY0022411	1011 ALTA CIR	5/26/2026 18:10	5/27/2026 7:35	6250	Sewer Manhole	45796	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4109712	DISCLN #4109891.	LOCATION INCLUDED IN IOAP.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	201 BULLITT LN	5/26/2026 19:17	5/27/2026 7:52	7560	Sewer Manhole	47582	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4109892	DISCLN #4109894.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	202 OXMOOR LN	5/26/2026 19:21	5/27/2026 11:10	151400	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4109717	DISCLN #4109898.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	5/26/2026 20:26	5/26/2026 23:00	1557	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4109721	DISCLN #4109872.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	7713 WESTPORT RD	5/26/2026 20:51	5/27/2026 11:16	50625	Sewer Manhole	105936	GROUND	GOOSE CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4109724	DISCLN 4109902.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	5/27/2026 10:44	5/27/2026 10:44	23940	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4109884	DISCLN #4109885.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1001 BRECKENRIDGE LN	5/27/2026 14:14	5/27/2026 14:15	1200000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4109935	DISCLN #4109936.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	202 OXMOOR LN	5/27/2026 19:20	5/28/2026 7:57	151400	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4109899	DISCLN #4109994.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	5/28/2026 6:50	5/28/2026 6:50	1600000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4109990	DISCLN #4109991.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	3955 E BLUE LICK RD	6/9/2026 12:51	6/10/2026 14:23	1900	Sewer Lift Station	SSPSWB-MATL	STREAM	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4112043	NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM.	NO ACTION TAKEN, LACK OF CAPACITY.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	6/9/2026 16:12	6/10/2026 14:22	3095	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4112191	MSD CREWS TO CLEAN AND SANITIZE AREA.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	6/10/2026 7:11	6/10/2026 7:13	3095	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4112306	MSD CREWS TO CLEAN AND SANITIZE AREA DISCLN 4112307.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	3955 E BLUE LICK RD	6/18/2026 6:28	6/18/2026 10:09	9000	Sewer Lift Station	SSPSWB-MATL	STREAM	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4118695	NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM.	NO ACTION TAKEN, LACK OF CAPACITY.
DEREK R. GUTHRIE WQTC	KY0078956	9317 LANTANA DR	6/18/2026 7:36	6/18/2026 10:28	500	Sewer Lift Station	SSPSDG-LAN1	DITCH	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4118927	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAININGNO CLEAN UP PERFORMED.	SITE FOUND DURING RAIN EVENT. RECON WILL BE MONITORED.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	6/18/2026 8:00	6/18/2026 15:40	100000	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4119013	MSD CREWS TO CLEAN AND SANITIZE AREA.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1001 BRECKENRIDGE LN	6/18/2026 8:02	6/18/2026 12:30	357340	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4119016	DISCLN #4119296.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	6/18/2026 8:04	6/18/2026 13:30	400000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4119019	DISCLN #4119246.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	6/18/2026 8:09	6/18/2026 12:21	6300	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4119070	DISCLN 4119180.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	6/18/2026 8:15	6/18/2026 12:24	6225	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4119075	DISCLN 4119181.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	6/18/2026 8:24	6/18/2026 12:47	6575	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4119077	DISCLN 4119198.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3506 CHARLANE PKY	6/18/2026 8:30	6/18/2026 12:28	5950	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4119078	DISCLN 4119186.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	6/18/2026 8:37	6/18/2026 12:31	5850	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4119080	DISCLN 4119190.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	6/18/2026 8:41	6/18/2026 12:39	23800	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4119081	DISCLN #4119193.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	6/18/2026 8:45	6/18/2026 12:41	23600	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4119082	DISCLN #4119195.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3302 TROUT CREEK DR	6/18/2026 10:48	6/18/2026 13:00	13500	Sewer Manhole	23211	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4119124	DISCLN #4119229.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	2001 TERRIL LN	6/18/2026 11:02	6/18/2026 13:01	6000	Sewer Manhole	23212	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4119132	DISCLN 4119234.	LOCATION INCLUDED IN IOAP.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	2107 LITTLE CREEK CT	6/18/2026 11:10	6/18/2026 13:02	6000	Sewer Service Line	46602107	GROUND	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4119137	DISCLN 4119237.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	2011 TERRIL LN	6/18/2026 11:18	6/18/2026 13:03	6000	Sewer Manhole	51180	GROUND	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4119140	DISCLN #4119240.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	165 OCTAGON AVE	6/18/2026 13:40	6/18/2026 15:30	1650	Sewer Lift Station	SSPSH2-WTRI	GROUND	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4119222	DISCLN 4064514.	NONE, LACK OF CAPACITY.
DEREK R. GUTHRIE WQTC	KY0078956	3955 E BLUE LICK RD	6/22/2026 5:30	6/23/2026 10:16	27800	Sewer Lift Station	SSPSWB-MATL	STREAM	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4119828	NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	6/26/2026 12:24	6/28/2026 22:00	3700000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4121816	DISCLN #4122265.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1001 BRECKENRIDGE LN	6/26/2026 14:21	6/28/2026 17:15	6100000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4121860	DISCLN #4122247.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	202 OXMOOR LN	6/26/2026 15:21	6/28/2026 14:45	423000	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4121877	DISCLN #4122228.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	201 BULLITT LN	6/26/2026 15:30	6/28/2026 14:40	211500	Sewer Manhole	47582	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4121881	DISCLN #4122229.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	2408 GRAY FOX RD	6/26/2026 22:15	6/28/2026 14:00	280000	Sewer Manhole	27012	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4121915	MSD CREWS TO CLEAN AND SANITIZE AREA.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1044 ALTA VISTA RD	6/26/2026 22:22	6/27/2026 18:00	95000	Sewer Manhole	27008	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4121917	DISCLN #4122164.	LOCATION INCLUDED IN IOAP.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	7410 STEEPLECREST CIR	6/26/2026 22:36	6/28/2026 14:10	720000	Sewer Manhole	47596	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4121920	DISCLN #4122231.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1012 ALTA CIR	6/26/2026 22:54	6/28/2026 14:15	234000	Sewer Manhole	40559	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4121921	DISCLN #4122230.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	3955 E BLUE LICK RD	6/26/2026 23:27	6/29/2026 7:21	8800	Sewer Lift Station	SSPSWB-MATL	STREAM	BROOKS RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4121934	NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
MORRIS FORMAN WQTC	KY0022411	4801 CASSIA CT	6/26/2026 23:54	6/27/2026 14:24	420000	Sewer Manhole	46623	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4121930	DISCLN 4122146.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1804 ROUND RIDGE RD	6/27/2026 0:04	6/27/2026 14:24	84000	Sewer Manhole	65623	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4121931	DISCLN 4122147.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	8800 ADMIRAL DR	6/27/2026 7:30	6/27/2026 21:15	41250	Sewer Lift Station	SSPSDG-ADMI	STREAM	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122016	CLEAN AND SANITIZE IMPACTED AREA.	SCADA INDICATED.
DEREK R. GUTHRIE WQTC	KY0078956	9317 LANTANA DR	6/27/2026 7:55	6/27/2026 13:00	30500	Sewer Lift Station	SSPSDG-LAN1	DITCH	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122022	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAININGNO CLEAN UP PERFORMED.	SITE FOUND DURING RAIN EVENT. RECON WILL BE MONITORED.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	6/27/2026 8:12	6/28/2026 23:00	300000	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122025	DISCLN #4122270.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	6/27/2026 8:15	6/28/2026 12:15	16650	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122026	DISCLN #4122211.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	4739 DIXIE HWY	6/27/2026 8:24	6/27/2026 14:29	9000	Sewer Manhole	90380	CATCH BASIN	MILL CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122030	DISCLN #4122130.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	5423 TRACY WAY	6/27/2026 9:00	6/27/2026 21:00	36000	Sewer Lift Station	SSPSMF-HAZE	DITCH	MILL CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122035	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.	SITE FOUND DURING RECON WILL BE MONITORED AND EVALUATED FOR REPAIR.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	6/27/2026 9:55	6/28/2026 12:18	16680	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122046	DISCLN #4122212.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	6/27/2026 9:58	6/28/2026 12:20	41500	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122047	DISCLN #4122209.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3506 CHARLANE PKY	6/27/2026 10:01	6/28/2026 12:22	41550	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122050	DISCLN #4122205.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	6/27/2026 10:03	6/28/2026 12:24	41600	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122051	DISCLN #4122206.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	6/27/2026 10:05	6/28/2026 12:26	41650	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122053	DISCLN #4122207.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	6/27/2026 10:07	6/28/2026 12:28	83000	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122054	DISCLN #4122208.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3406 DELL RD	6/27/2026 10:09	6/28/2026 6:00	62850	Sewer Manhole	28415	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122056	DISCLN #4122202.	LOCATION INCLUDED IN IOAP
MORRIS FORMAN WQTC	KY0022411	2713 GRASSLAND DR	6/27/2026 10:11	6/28/2026 5:55	31100	Sewer Manhole	31596	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122058	DISCLN #4122214.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	9514 TAYLORSVILLE RD	6/27/2026 10:19	6/28/2026 5:45	12300	Sewer Manhole	28711	DITCH	BEATTY BROOK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122061	DISCLN #4122213.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	9114 CINDERELLA LN	6/27/2026 10:30	6/27/2026 21:00	63000	Sewer Lift Station	SSPSDG-CIND	DITCH	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122068	CLEANED AND SANITIZED THE IMPACTED AREA.	NO REPAIRS REQUIRED.
MORRIS FORMAN WQTC	KY0022411	2001 TERRIL LN	6/27/2026 11:05	6/28/2026 8:40	150000	Sewer Manhole	23212	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122074	DISCLN 4122217.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3302 TROUT CREEK DR	6/27/2026 11:11	6/28/2026 8:34	181250	Sewer Manhole	23211	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122080	DISCLN 4122226.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	2107 LITTLE CREEK CT	6/27/2026 11:15	6/28/2026 12:25	162000	Sewer Service Line	46602107	GROUND	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122081	DISCLN 4122207.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	8800 ADMIRAL DR	6/27/2026 11:36	6/28/2026 10:23	24000	Sewer Manhole	93704	DITCH	CEDAR CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122085	DISCLN 4122193.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	8800 ADMIRAL DR	6/27/2026 11:38	6/28/2026 10:24	24000	Sewer Manhole	93705	STREAM	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122086	DISCLN 4122194.	LOCATION INCLUDED IN IOAP.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	2011 TERRIL LN	6/27/2026 11:38	6/28/2026 12:30	517500	Sewer Manhole	51180	GROUND	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122087	DISCLN 4122225.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	7900 SHELBYVILLE RD	6/27/2026 12:16	6/27/2026 18:45	21000	Sewer Manhole	02935	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122098	DISCLN #4122162.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	6810 SANDSTONE BLVD	6/27/2026 12:23	6/27/2026 15:42	3600	Sewer Manhole	29948	GROUND	FERN CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122101	DISCLN 4122135.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	9 MUIRFIELD PL	6/27/2026 12:44	6/27/2026 18:56	10500	Sewer Manhole	01793	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122107	DISCLN #4122165.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	7913 SHELBYVILLE RD	6/27/2026 13:05	6/27/2026 19:05	36000	Sewer Manhole	84155	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122116	DISCLN 4122158.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	425 S HUBBARDS LN	6/27/2026 13:54	6/27/2026 19:23	27000	Sewer Manhole	45469	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122124	DISCLN #4122166.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	3501 MARLIN DR	6/27/2026 14:15	6/28/2026 6:05	9520	Sewer Manhole	28416	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122126	DISCLN 4122204.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	7014 JOHN PAUL LN	6/27/2026 14:20	6/30/2026 14:21	24000	Sewer Manhole	64054	GROUND	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122088	DISCLN 4122675.	LOCATION INCLUDED IN IOAP.
DEREK R. GUTHRIE WQTC	KY0078956	1103 FARMAN CT	6/27/2026 15:49	6/27/2026 15:51	22500	Sewer Manhole	57353	CATCH BASIN	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	4122138	DISCLN 4122141.	LOCATION INCLUDED IN IOAP.

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APPENDIX D UNAUTHORIZED DISCHARGES - DRY WEATHER CSOS

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WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	510 W BROADWAY	9/10/2025 0:00	9/11/2025 1:30	105,830	Sewer Manhole	CSO038	GROUND	OHIO RIVER	ROBINSON PIPE MSD CONTRACTOR WORKING ON MSD SANITARY LINE REPORTED BLADDER. DEFLATED CAUSING DISCHARGE.	MECHANICAL FAILURE	3994146	NOT REQUIRED DISCHARGED TO CRD DIRECTLY TO OHIO RIVER.	NONE REQUIRED AT THIS TIME.

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APPENDIX E UNAUTHORIZED DISCHARGES - DRY WEATHER SSOS

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WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
DEREK R. GUTHRIE WQTC	KY0078956	8322 ST ARMANDS CT	7/23/2025 11:45	7/23/2025 13:00	10	Sewer Manhole	35424	GROUND	FISHPOOL CREEK	OBSTRUCTION IN MAIN SEWER.	OBSTRUCTION-NOT GREASE / ROOTS	3976261	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 3976262.
MORRIS FORMAN WQTC	KY0022411	4800 SPRINGDALE RD	9/11/2025 9:30	9/11/2025 13:00	5,250	Sewer Manhole	92009	STREAM	LITTLE GOOSE CREEK	OBSTRUCTION IN MAIN SEWER.	OBSTRUCTION-NOT GREASE / ROOTS	3994301	MSD PERSONNEL WILL CLEAN AND SANITIZE IMPACTED AREA.	FLUSHED MAIN SEWER 3994302.
FLOYDS FORK WQTC	KY0102784	817 GILLILAND RD	9/12/2025 10:30	9/12/2025 13:43	90,000	Sewer Main	96911C-V	DITCH	LONG RUN	MECHANICAL FAILURE (16-INCH FORCE MAIN LINE BROKEN).	MECHANICAL FAILURE	3994396	AREA DISINFECTED WITH LIME.	REPAIRED THE FORCE MAIN BREAK.
FLOYDS FORK WQTC	KY0102784	911 EASTWOOD FISHERVILLE RD	9/15/2025 10:00	9/16/2025 6:00	4,314	Sewer Lift Station	SSPSFF-ESWD	DITCH	FLOYDS FORK	MECHANICAL FAILURE (90-DEGREE ELBOW INSIDE BUILDING).	MECHANICAL FAILURE	3994559	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA.	ISOLATED MAIN AND HIRED CONTRACTOR TO MAKE REPAIRS.
CEDAR CREEK WQTC	KY0098540	10605 PARK AVE	10/9/2025 1:00	10/9/2025 2:00	1	Sewer Service Line	JT13773319	GROUND	CHENOWETH RUN	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION.	OBSTRUCTION-NOT GREASE / ROOTS	4004618	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.	REFERRED FOR TVI #4004615.
FLOYDS FORK WQTC	KY0102784	912 EASTWOOD FISHERVILLE RD	12/24/2025 14:35	12/24/2025 14:45	1,000	Sewer Main	96911A-V	GROUND	LONG RUN	FORCE MAIN BREAK.	STRUCTURAL FAILURE	4038591	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA.	SWITCHED TO 24 INCH FORCE MAIN. CONTRACTOR REPAIR.
MORRIS FORMAN WQTC	KY0022411	4121 LEE AVE	1/5/2026 21:25	1/5/2026 22:45	2,000	Sewer Manhole	118693	GROUND	SOUTH FORK BEARGRASS CREEK	STRUCTURAL FAILURE OF MAIN SEWER	STRUCTURAL FAILURE	4039671	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA; DISCLN 4039674	FLUSHED/ VACTORED THE MAIN SEWER; FLUSH 4039673. REFERRED TO CREW FOR TV INSPECTION
DEREK R. GUTHRIE WQTC	KY0078956	1900 FARNSLEY RD	1/20/2026 18:00	1/20/2026 19:30	250	Sewer Service Line	RR14246019	DITCH	MILL CREEK	OBSTRUCTION IN THE MAIN SEWER.	OBSTRUCTION-NOT GREASE / ROOTS	4046789	MSD PERSONNEL CLEANED IMPACTED AREA.	FLUSHED OBSTRUCTION FROM THE MAIN SEWER 4046790.

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
HITE CREEK WQTC	KY0022420	6405 DEEP CREEK DR	2/14/2026 14:50	2/14/2026 17:30	5,000	Sewer Manhole	66918	GROUND	HARRODS CREEK	OBSTRUCTION IN MAIN SEWER.	OBSTRUCTION-NOT GREASE / ROOTS	4050679	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.	FLUSHED OBSTRUCTION FROM MAIN SEWER #4050680.
MORRIS FORMAN WQTC	KY0022411	301 MOCKINGBIRD VALLEY RD	3/13/2026 18:00	3/14/2026 9:00	5	Sewer Manhole	40314	DITCH	MUDDY FORK BEARGRASS CREEK	STRUCTURAL FAILURE OF MAIN SEWER	STRUCTURAL FAILURE	4068029	MSD PERSONNEL CLEANED IMPACTED AREA.	REFERRED FOR MSR 4068030
CEDAR CREEK WQTC	KY0098540	9040 BLACK POWDER LN	3/31/2026 11:22	3/31/2026 3:40	50	Sewer Manhole	103777	GROUND	CEDAR CREEK	ROOTS IN MAIN SEWER | GREASE IN MAIN SEWER.	ROOTS	4076630	DISCLN 4076632.	MANHOLE WORK ORDER HAS BEEN CREATED FOR ROOT INTRUSION MHRP 4076633.
CEDAR CREEK WQTC	KY0098540	8900 CEDAR CREEK RD	3/31/2026 11:23	3/31/2026 3:37	40	Sewer Manhole	103776	GROUND	CEDAR CREEK	ROOTS IN MAIN SEWER | GREASE IN MAIN SEWER.	ROOTS	4076631	DISCLN #4076632.	FLUSHED SANITARY MAIN TO CLEAR OBSTRUCTION 4076637.
MORRIS FORMAN WQTC	KY0022411	301 MOCKINGBIRD VALLEY RD	4/1/2026 9:30	4/2/2026 19:35	9,000	Sewer Main	40315-S	DITCH	MUDDY FORK BEARGRASS CREEK	UTILITY DAMAGED MSD ASSET	UTILITY DAMAGED MSD ASSET	4076928	MSD PERSONNEL WILL CLEAN AND SANITIZE IMPACTED AREA; DISCLN WO4076929	REFER TO SANITARY FOR NEEDED REPAIRS FLUSH 4076989
CEDAR CREEK WQTC	KY0098540	9740 WATERBROOK CT	6/21/2026 13:31	6/21/2026 19:16	8,625	Sewer Manhole	113002	GROUND	DURBIN BRANCH	GREASE IN MAIN SEWER.	GREASE BLOCKAGE	4119640	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA DISCLN 4119671.	FLUSHED/ VACTORED THE OBSTRUCTION / DEBRIS FROM THE SEWER.

Appendix F Bypasses at Water Quality Treatment Centers

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WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS	RESULT
MORRIS FORMAN WQTC	KY0022411	4522 ALGONQUIN PKY	7/28/2025 20:25	7/28/2025 20:55	6,000,000	WQTCMF	STREAM	OHIO RIVER	MECHANICAL FAILURE (LEVEL INDICATOR AT MAIN DIVERSION MALFUNCTIONED SENDING ADDITIONAL FLOW BEYOND CAPACITY TO MORRIS FORMAN).	WET WEATHER	3979871	CLEANED AND SANITIZED THE IMPACTED AREA.	COMPUTER ROOM OPERATOR CLOSED GATE AND MAIN DIVERSION.	UNAUTHORIZED DISCHARGE-WATERS
CEDAR CREEK WQTC	KY0098540	8405 CEDAR CREEK RD	9/25/2025 7:53	9/25/2025 8:00	77,000	WQTCCC	GROUND	CEDAR CREEK	ELECTRICAL PROBLEM WITH MSD EQUIPMENT/ ASSET (CUT CONTROL WIRES TO IPS. NOT ABLE TO HAVE BACK UP CONTROL)	WET WEATHER	4001375	AREA DISINFECTED WITH LIME.	PLACED PUMPS IN HAND, PUMP IPS DOWN. BYPASS STOPPED.	UNAUTHORIZED DISCHARGE-WATERS
CEDAR CREEK WQTC	KY0098540	8405 CEDAR CREEK RD	10/7/2025 14:05	10/8/2025 8:21	8,000,000	WQTCCC	GROUND	CEDAR CREEK	CEDAR CREEK WAS LIMITED TO 18MGD WITH UV CONSTRUCTION.	WET WEATHER	4003616	NONE NEEDED. PLANT EFFLUENT CLEAR JUST NOT DISINFECTED.	COMPLETE CONSTRUCTION OF NEW UV SYSTEM TO RESTORE CAPACITY.	UNAUTHORIZED DISCHARGE-WATERS
CEDAR CREEK WQTC	KY0098540	8405 CEDAR CREEK RD	10/8/2025 5:30	10/8/2025 5:35	750	WQTCCC	GROUND	CEDAR CREEK	MECHANICAL FAILURE (VALVE WAS NOT CLOSED).	WET WEATHER	4003882	CLEANED AND SANITIZED THE IMPACTED AREA.	DRIVER SHUT VALVE STOP LEAK.	UNAUTHORIZED DISCHARGE-WATERS
HITE CREEK WQTC	KY0022420	5500 HITT RD	11/11/2025 7:50	11/14/2025 10:39	9,000	WQTCHC	STREAM	HITE CREEK	MECHANICAL FAILURE (BROKEN AIR RELIEF VALVE).	DRY WEATHER	4017533	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA.	STOPPED AND ISOLATED PUMP.	UNAUTHORIZED DISCHARGE-WATERS
FLOYDS FORK WQTC	KY0102784	1100 BLUE HERON RD	12/14/2025 7:30	12/14/2025 3:12	50,000	WQTCFF	STREAM	FLOYDS FORK	ELECTRICAL PROBLEM WITH MSD EQUIPMENT/ ASSET (BREAKER TRIPPED THAT POWER UV SYSTEM).	DRY WEATHER	4030234	ADDED DISINFECTION AND DECHLORINATION TABLETS.	ADDED DISINFECTION AND DECHLORINATION TABLETS.	UNAUTHORIZED DISCHARGE-WATERS
CEDAR CREEK WQTC	KY0098540	8405 CEDAR CREEK RD	1/1/2026 18:16	1/1/2026 18:21	250	WQTCCC	GROUND	CEDAR CREEK	BYPASS AT WASTEWATER TREATMENT PLANT.	DRY WEATHER	4039388	AREA DISINFECTED WITH LIME.	RESET PLC LATCH.	UNAUTHORIZED DISCHARGE-WATERS

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET ID	SOURCE ASSET DISCHARGES TO	RECEIVING STREAM	CAUSE	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS	RESULT
MORRIS FORMAN WQTC	KY0022411	4522 ALGONQUIN PKY	2/2/2026 6:10	2/2/2026 10:50	10,820,000	WQTCMF	STREAM	OHIO RIVER	MECHANICAL FAILURE OF BUILDING HEAT CAUSED SUPPLY LINE OF BISULFITE LINE TO FREEZE.	DRY WEATHER	4049160	CLEANUP NOT POSSIBLE - DISCHARGE BELOW WATER SURFACE.	CHANGED STRAINER AND THAWED LINE.	UNAUTHORIZED DISCHARGE-WATERS
FLOYDS FORK WQTC	KY0102784	1100 BLUE HERON RD	2/11/2026 7:42	2/11/2026 7:46	43,750	WQTCFF	STREAM	FLOYDS FORK	BYPASS AT WASTEWATER TREATMENT PLANT. OBSTRUCTION IN RAS TELESCOPING VALVE.	DRY WEATHER	4050186	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL.	PUT A DIFFERENT CLARIFIER IN SERVICE.	UNAUTHORIZED DISCHARGE-WATERS
MORRIS FORMAN WQTC	KY0022411	4522 ALGONQUIN PKY	2/15/2026 19:30	2/16/2026 7:44	80,000	WQTCMF	STREAM	OHIO RIVER	BLOCKAGE IN DIGESTER 4.	WET WEATHER	4050751	VACTORED AREA.	UNCLOGGED WITHDRAWAL LINE.	UNAUTHORIZED DISCHARGE-WATERS
DEREK R. GUTHRIE WQTC	KY0078956	11621 LOWER RIVER RD	3/9/2026 9:55	3/9/2026 10:00	2,600	WQTCDG	STREAM	OHIO RIVER	BYPASS AT WASTEWATER TREATMENT PLANT.	WET WEATHER	4065111	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA.	CLOSED VALVE.	UNAUTHORIZED DISCHARGE-WATERS

Appendix G Overflows to the Interior

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WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET ID	CAUSE	DUE TO	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	1806 BLANCA CT	7/7/2025 14:15	7/7/2025 15:00	1	HP16303019	OBSTUCTION IN MAIN SEWER	OBSTRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	3964649	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED MAIN SEWER 3964650
MORRIS FORMAN WQTC	KY0022411	3501 DECA-TUR CT	7/16/2025 13:40	7/16/2025 14:40	1	087G01310000A	OBSTRUC-TION IN MAIN SEWER	OBSTRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	3967711	CUSTOMER CLEANED IMPACTED AREA	•FLUSHED/VAC-TORED THE OB-STRUCTION / DEBRIS FROM THE SEWER #3967712
MORRIS FORMAN WQTC	KY0022411	9501 WES-SEX PL	7/18/2025 8:30	7/18/2025 10:00	1	HU16824039	OBSTRUC-TION IN MAIN SEWER	OBSTRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	3968633	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED MAIN SEWER 3968634
MORRIS FORMAN WQTC	KY0022411	902 CATH CART CT	7/27/2025 13:55	7/27/2025 15:10	1	163401710000A	OBSTRUC-TION IN MAIN SEWER	ROOTS	DRY WEATHER	3979632	CUSTOMER CLEANED THE IMPACT-ED AREA	COMPLETED CAM-ERA INSPECTION TVI 3979636
MORRIS FORMAN WQTC	KY0022411	1013 FENLEY AVE	7/31/2025 15:00	7/31/2025 15:30	1	177902	OBSTRUC-TION IN MAIN SEWER	OBSTRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	3980272	CUSTOMER CLEANED IMPACTED AREA	FLUSHED MAIN SEWER #3980273
DEREK R. GUTHRIE WQTC	KY0078956	6904 TRIAN-GLE DR	8/16/2025 11:30	8/16/2025 12:10	1	DE30866029	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	3982498	MSD PER-SONNEL CLEANED THE IMPACT-ED AREA	ROOT CUT OB-STRUCTION IN MAIN SEWER 3985412
DEREK R. GUTHRIE WQTC	KY0078956	3515 ROBIN DR	9/14/2025 11:55	9/14/2025 12:50	1	89025	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	3994474	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED MAIN SEWER TO REMOVE OBSTRUCTION 3994475
MORRIS FORMAN WQTC	KY0022411	2840 ELEA-NOR AVE	9/24/2025 14:00	9/24/2025 14:30	1	34988	OBSTRUC-TION IN MAIN SEWER	OBSTRUC-TION-NOT GREASE / ROOTS	WET WEATHER	4001239	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED MAIN SEWER 4001240
MORRIS FORMAN WQTC	KY0022411	9829 MEAD-OW VALE DR	9/29/2025 19:00	9/29/2025 19:55	1	HP15770019	OBSTRUC-TION IN MAIN SEWER	OBSTRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	4001830	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED OBSTRUC-TION FROM MAIN SEWER
DEREK R. GUTHRIE WQTC	KY0078956	3025 GUDGEL RD	9/30/2025 10:30	9/30/2025 13:12	1	140023025A	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	4001923	NO CLEAN UP PERFORMED	FLUSHED THE OB-STRUCTION / DEBRIS FROM THE SEWER 4001924
DEREK R. GUTHRIE WQTC	KY0078956	4309 BURNT CEDAR LN	10/7/2025 15:25	10/7/2025 15:45	1	178986	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003713	MSD PER-SONNEL ADVISED CUSTOMER THAT THEY ARE RE-SPONSIBLE TO CLEAN IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL RE-PAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN WQTC	KY0022411	4900 ROSA-LIND CT	10/7/2025 16:40	10/7/2025 16:55	1	094900300000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003748	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CALL BACK IN 24 HOURS IF PROBLEM PERSISTS

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET ID	CAUSE	DUE TO	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
DEREK R. GUTHRIE WQTC	KY0078956	7906 ANNEL-LA WAY	10/7/2025 16:40	10/7/2025 17:00	1	PC11302019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003730	WATER HAS NOT RECEDED - CUSTOMER ADVISED TO CONTACT CUSTOMER RELATIONS WHEN WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL RE-PAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN WQTC	KY0022411	3400 E INDIAN TRL	10/7/2025 17:05	10/7/2025 17:15	1	51951	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003751	CUSTOMER CLEANED THE IMPACT-ED AAREA	ADVISED CUSTOMER TO CALL BACK IN 24 HOURS IF PROBLEM PERSISTS
MORRIS FORMAN WQTC	KY0022411	1221 KRUPP PARK DR	10/7/2025 17:05	10/7/2025 17:29	5	PA11260019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003870	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CONTACT MSD IF PROBLEM PERSISTS AFTER 24 HRS.
MORRIS FORMAN WQTC	KY0022411	3309 CHIN-QUAPIN LN	10/7/2025 17:20	10/7/2025 17:25	1	096201070000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003753	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CALL BACK IN 24 HOURS IF PROBLEM PERSISTS
MORRIS FORMAN WQTC	KY0022411	5811 SPICE-WOOD LN	10/7/2025 17:30	10/7/2025 17:40	1	096202390000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003763	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CALL BACK IN 24 HOURS IF PROBLEM PERSISTS
MORRIS FORMAN WQTC	KY0022411	1233 MOR-GAN AVE	10/7/2025 17:34	10/7/2025 18:05	10	KK13684029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003868	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER THAT IF PROBLEM PERSISTS TO CON-TACT MSD AFTER 24 HRS.
MORRIS FORMAN WQTC	KY0022411	1218 MOR-GAN AVE	10/7/2025 17:34	10/7/2025 18:04	10	KK13370259	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003866	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CONTACT MSD IF PROBLEM PERSISTS AFTER 24 HRS.
MORRIS FORMAN WQTC	KY0022411	5710 JEANINE DR	10/7/2025 17:45	10/7/2025 17:55	1	087100650000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003772	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CALL BACK AFTER 24 HOURS IF PROBLEM PERSISTS
MORRIS FORMAN WQTC	KY0022411	6103 JEANINE DR	10/7/2025 18:00	10/7/2025 18:05	1	PA07327069	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003767	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CALL BACK AFTER 24 HOURS IF PROBLEM PERSISTS
MORRIS FORMAN WQTC	KY0022411	3311 NELINDA MAY DR	10/7/2025 18:11	10/7/2025 18:45	5	PA11215039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003869	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CONTACT MSD IF PROBLEM PERSISTS AFTER 24 HRS.
MORRIS FORMAN WQTC	KY0022411	1126 LORET-TA ST	10/7/2025 18:15	10/7/2025 18:20	1	PB10102049	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003776	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CALL BACK AFTER 24 HOURS IF PROBLEM PERSISTS
MORRIS FORMAN WQTC	KY0022411	5908 PER-MERLAND DR	10/7/2025 19:15	10/7/2025 19:20	1	PA06374049	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003801	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED THE CUSTOMER TO CALL BACK AFTER 24 HOURS IF PROBLEM PERSISTS
MORRIS FORMAN WQTC	KY0022411	2217 GOLD-SMITH LN	10/7/2025 19:15	10/7/2025 19:30	1	081L01830000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003800	CUSTOMER CLEANED THE IMPACT-ED AREA	MSD PERSONNEL ADVISED CUSTOMER TO CALL BACK AFTER 48 HOURS

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET ID	CAUSE	DUE TO	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
DEREK R. GUTHRIE WQTC	KY0078956	6706 CAPE CT	10/7/2025 19:35	10/7/2025 19:45	1	PB18108029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003802	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CALL BACK AFTER 24 HOURS IF PROBLEM PERSISTS
DEREK R. GUTHRIE WQTC	KY0078956	4006 LO-MOND DR	10/7/2025 20:00	10/7/2025 20:15	5	61527	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003857	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CONTACT MSD BACK AFTER 24 HRS IF PROBLEM PERSISTS.
DEREK R. GUTHRIE WQTC	KY0078956	4712 GLENNA WAY	10/7/2025 20:05	10/7/2025 20:15	1	183080	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003808	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CALL BACK AFTER 24 HOURS IF PROBLEM PERSISTS
DEREK R. GUTHRIE WQTC	KY0078956	4702 ROSS-MOOR DR	10/7/2025 20:20	10/7/2025 20:25	1	177204	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003810	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CALL BACK AFTER 24 HOURS IF PROBLEM PERSISTS
DEREK R. GUTHRIE WQTC	KY0078956	2109 LEA-HURST CT	10/7/2025 20:35	10/7/2025 20:50	5	96652109	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003862	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CONTACT MSD IF PROBLEM PERSISTS AFTER 24 HRS
DEREK R. GUTHRIE WQTC	KY0078956	5501 SAXON BLVD	10/7/2025 20:40	10/7/2025 20:50	1	PB16094019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003815	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CALL BACK AF-TER 24 HOURS IDF PROBLEM PERSISTS
DEREK R. GUTHRIE WQTC	KY0078956	7911 NOTTO-WAY CIR	10/7/2025 21:05	10/7/2025 21:35	10	DE31286019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003863	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CONTACT MSD IF PROBLEM PERSISTS AFTER 24 HRS.
DEREK R. GUTHRIE WQTC	KY0078956	4301 BURNT CEDAR LN	10/7/2025 21:25	10/7/2025 21:30	1	178980	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003825	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CALL BACK AFTER 24 HOURS IF PROBLEM PERSISTS
MORRIS FORMAN WQTC	KY0022411	1627 SUTHERLAND DR	10/7/2025 21:55	10/7/2025 22:05	1	080J01400000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003836	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CALL BACK AFTER 24 HOURS IF PROBLEM PERSISTS
DEREK R. GUTHRIE WQTC	KY0078956	1060 RUNELL RD	10/7/2025 22:00	10/7/2025 22:25	1	062K00490000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003860	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CONTACT MSD IF PROBLEM PERSIST AFTER 24 HRS.
MORRIS FORMAN WQTC	KY0022411	3151 SUNNY LN	10/7/2025 22:20	10/7/2025 22:25	1	101544	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003844	CUSTOMER CLEANED IMPACTED AREA	ADVISED CUSTOMER TO CALL BACK AFTER 24 HOURS IF PROBLEM PERSISTS
MORRIS FORMAN WQTC	KY0022411	3103 KIPLING WAY	10/7/2025 23:00	10/7/2025 23:05	1	081K00540000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003849	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CALL BACK AFTER 24 HOURS IF PROBLEMS PERSIST
MORRIS FORMAN WQTC	KY0022411	3224 MID DALE LN	10/7/2025 23:40	10/8/2025 23:50	1	70544D	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003855	CUSTOMER CLEANED THE IMPACT-ED AREA	WATER HAS RECEDED
MORRIS FORMAN WQTC	KY0022411	10105 TIM-BERWOOD CIR	10/8/2025 0:05	10/8/2025 0:10	1	MT09895019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003858	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CALL BACK AFTER 24 HOURS IF PROBLEM PERSISTS

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET ID	CAUSE	DUE TO	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	4420 GREEN PINE DR	10/8/2025 0:20	10/8/2025 0:25	1	199900360000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003859	CUSTOMER CLEANED THE IMPACT-ED AREA	WATER HAS RECEDED
DEREK R. GUTHRIE WQTC	KY0078956	5501 BAM-BERRIE CROSS RD	10/8/2025 0:35	10/8/2025 0:40	1	1244	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003861	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CALL BACK AFTER 24 HOURS IF PROBLEM PERSISTS
MORRIS FORMAN WQTC	KY0022411	5112 LAUGH-LIN AVE	10/8/2025 0:55	10/8/2025 1:00	1	061J00350000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003864	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CALL BACK AFTER 24 HOURS IF PROBLEM PERSISTS
MORRIS FORMAN WQTC	KY0022411	3222 MID DALE LN	10/8/2025 23:40	10/8/2025 23:50	1	70542	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003856	CUSTOMER CLEANED THE IMPACT-ED AREA	WATER HAS RECEDED
MORRIS FORMAN WQTC	KY0022411	9100 DEN-INGTON DR	10/17/2025 16:30	10/17/2025 17:00	1	186204070000A	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	4010784	CUSTOMER CLEANED THE IMPACT-ED AREA	SEE PSCR WO# 4010783
MORRIS FORMAN WQTC	KY0022411	3106 SUD-BURY LN	10/31/2025 14:30	10/31/2025 14:45	1	100878	OBSTRUC-TION IN MAIN SEWER	OBSTRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	4015079	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED MAIN SEWER 4015080
MORRIS FORMAN WQTC	KY0022411	3026 BEAU-MONT RD	11/3/2025 12:15	11/3/2025 13:15	1	081F00570000A	OBSTRUC-TION IN MAIN SEWER	OBSTRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	4015868	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED MAIN SEWER 4015869
DEREK R. GUTHRIE WQTC	KY0078956	7303 DUNKIRK LN	11/10/2025 17:50	11/10/2025 18:40	1	143281	OBSTRUC-TION IN THE MAIN SEWER	OBSTRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	4017379	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED OB-STRUCTION FROM THE MAIN SEWER 4017380
MORRIS FORMAN WQTC	KY0022411	805 STONEY-KIRK DR	12/2/2025 18:45	12/2/2025 19:15	1	194408270000A	OBSTRUC-TION IN MAIN SEWER	ROOTS	DRY WEATHER	4028981	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED OB-STRUCTION FROM MAIN SEWER. MAIN FLOWING FINE NOW 4028982
MORRIS FORMAN WQTC	KY0022411	3938 DRUID HILLS RD	12/6/2025 11:20	12/6/2025 12:35	5	30035	OBSTRUC-TION IN MAIN SEWER	OBSTRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	4029358	CUSTOMER CLEANED THE IMPACT-ED AEA	FLUSHED OBSTRUC-TION FROM MAIN SEWER
DEREK R. GUTHRIE WQTC	KY0078956	2513 LEGENE DR	12/6/2025 13:50	9/3/2026 14:10	1	590982513	OBSTRUC-TION IN MAIN SEWER	OBSTRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	4029363	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED OBSTRUC-TION FROM MAIN SEWER 4029364

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET ID	CAUSE	DUE TO	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	9815 WHIPPS MILL RD	12/20/2025 12:25	12/20/2025 13:25	1	170049	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4037576	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER. MAIN FLOWING FINE NOW 4037577
MORRIS FORMAN WQTC	KY0022411	1706 FLAGSTAFF CT	12/20/2025 13:30	12/20/2025 13:50	1	HP16174019	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	4037579	CUSTOMER CLEANED THE IMPACTED AREA	CAMARA CONFIRMED NO FURTHER ROOT OBSTRUCTIONS IN SANITARY MAIN RC 4037617
DEREK R. GUTHRIE WQTC	KY0078956	2704 CRUMS LN	12/20/2025 14:20	12/20/2025 22:00	1	25629	CAUSE OF DISCHARGE IS IN MAIN SEWER. OBSTRUCTION IN THE MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4037585	CUSTOMER CLEANED THE IMPACTED AREA AND MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA; DISCLN 4037593	FLUSHED OBSTRUCTION FROM THE MAIN SEWER; FLUSH 4037586
MORRIS FORMAN WQTC	KY0022411	1903 LOWELL AVE	1/2/2026 13:30	1/2/2026 15:03	1	080C01220441A	GREASE IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4039441	CUSTOMER CLEANED THE IMPACTED AREA	REFER TO LINE CREW FOR MILLCUT/ LINE INSPECT 4039440
MORRIS FORMAN WQTC	KY0022411	10600 BRACKEN BRANCH CT	1/16/2026 14:00	1/16/2026 14:30	1	MT29320029	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4041035	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED MAIN SEWER 4041039
DEREK R. GUTHRIE WQTC	KY0078956	1900 FARNSLEY RD	1/20/2026 18:00	1/20/2026 19:30	250	RR14246019	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	4046788	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED THE ROOTS FROM THE SEWER. MAIN IS CLEAR AND FLOWING FINE NOW.
DEREK R. GUTHRIE WQTC	KY0078956	9108 WOODCHAT WAY	2/1/2026 13:35	2/1/2026 14:30	1	DC51058019	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4049123	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED OBSTRUCTION FROM MAIN SEWER 4049125
MORRIS FORMAN WQTC	KY0022411	2507 BALLAD BLVD	2/2/2026 14:00	2/2/2026 14:30	1	180400100000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4049197	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED MAIN SEWER
MORRIS FORMAN WQTC	KY0022411	1216 BELMAR DR	2/2/2026 19:00	2/2/2026 20:00	1	KK13712029	STRUCTURAL FAILURE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	STRUCTURAL FAILURE	DRY WEATHER	4049239	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED OBSTRUCTION FROM MAIN SEWER
MORRIS FORMAN WQTC	KY0022411	1425 W BROADWAY	2/3/2026 18:00	2/3/2026 21:30	1	P5850	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4049351	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED/VACTORED THE OBSTRUCTION / DEBRIS FROM THE SEWER. MAIN FLOWING FINE NOW 4049356
MORRIS FORMAN WQTC	KY0022411	3612 TAYLORSVILLE RD	2/4/2026 11:45	2/4/2026 12:00	1	081M02120000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4049388	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED MAIN SEWER 4049390
MORRIS FORMAN WQTC	KY0022411	209 BONNER AVE	2/11/2026 9:30	2/11/2026 9:45	1	8146	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4050201	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED MAIN SEWER 4050203

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET ID	CAUSE	DUE TO	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
DEREK R. GUTHRIE WQTC	KY0078956	5334 VISTA JOHN DR	2/19/2026 14:05	2/19/2026 15:08	1	DE31340069	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	WET WEATHER	4059712	CUSTOMER CLEANED EFFECTED AREA	ROOT CUT MAIN SEWER WO 4059702 AND REMOVED WIPES OBSTRUCTION
DEREK R. GUTHRIE WQTC	KY0078956	4101 NORTH LN	2/21/2026 12:30	2/21/2026 13:40	1	101503260000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4059933	CUSTOMER CLEANED IMPACTED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4059934, RC 4062115
MORRIS FORMAN WQTC	KY0022411	3129 MYLANTA PL	2/23/2026 14:45	2/23/2026 15:30	1	XX10927019	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4061096	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED MAIN SEWER/ REFER TO TV CREW FOR TV INSPECTION 4061097, TVI 4061099
MORRIS FORMAN WQTC	KY0022411	7712 SUNBURY LN	2/24/2026 18:45	2/24/2026 20:30	1	190000350000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4061259	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED OBSTRUCTION FROM MAIN SEWER 4061260, 4061261
MORRIS FORMAN WQTC	KY0022411	4025 HILLSBORO RD	3/5/2026 10:30	3/5/2026 11:45	1	052200250000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	WET WEATHER	4064077	CUSTOMER CLEANED IMPACTED AREA	FLUSHED MAIN SEWER 4064078
MORRIS FORMAN WQTC	KY0022411	3943 CENTRAL AVE	3/5/2026 15:15	3/5/2026 16:30	1	50458	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	WET WEATHER	4064386	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED MAIN SEWER 4064389
MORRIS FORMAN WQTC	KY0022411	7206 GERBER AVE	3/7/2026 14:25	3/7/2026 14:40	1	Y08954019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4064915	WATER HAS NOT RECEEDED	ADVISED CUSTOMER TO CALL BACK AFTER 24 HOURS IF PROBLEM PERSISTS
MORRIS FORMAN WQTC	KY0022411	3801 RIMONTE DR	3/7/2026 15:00	3/7/2026 16:00	1	091P00530000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	WET WEATHER	4064928	CLEANF 4065119	FLUSHED OBSTRUCTION FROM MAIN SEWER PSCR 4064968
MORRIS FORMAN WQTC	KY0022411	3803 RIMONTE DR	3/7/2026 15:00	3/7/2026 16:00	1	091P00520000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	WET WEATHER	4064932	TO BE DETRMINED	FLUSHED OBSTRUCTION FROM MAIN SEWER
MORRIS FORMAN WQTC	KY0022411	3315 BREAUX DR	3/7/2026 15:00	3/7/2026 16:00	1	091P00280000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	WET WEATHER	4064933	CLEANF 4065124	FLUSHED OBSTRUCTION FROM MAIN SEWER
MORRIS FORMAN WQTC	KY0022411	4504 UNSELD BLVD	3/8/2026 11:15	3/8/2026 11:40	1	210000780000A	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	4064995	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED OBSTRUCTION FROM MAIN SEWER 4064996, TVLIS 4065188
MORRIS FORMAN WQTC	KY0022411	3016 NADINA DR	3/8/2026 14:35	3/8/2026 15:25	1	081G01150000A	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	4064988	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED OBSTRUCTION FROM MAIN SEWER 4064989
MORRIS FORMAN WQTC	KY0022411	1907 HURSTBOURNE CIR	3/13/2026 11:00	3/13/2026 12:15	1	48600	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4067905	CUSTOMER CLEANED IMPACTED AREA	FLUSHED MAIN SEWER 4067906
DEREK R. GUTHRIE WQTC	KY0078956	5121 GRASTON CT	3/15/2026 20:30	3/15/2026 21:30	1	130935121	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4068132	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED MAIN SEWER 4068133
DEREK R. GUTHRIE WQTC	KY0078956	5117 GRASTON CT	3/15/2026 20:30	3/15/2026 21:30	1	130935117	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4068130	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED MAIN SEWER 4068131

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET ID	CAUSE	DUE TO	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	4156 SHELBYVILLE RD	3/24/2026 13:45	3/24/2026 14:00	1	134135	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4075178	CUSTOMER CLEANED IMPACTED AREA	FLUSHED MAIN SEWER 4075179
MORRIS FORMAN WQTC	KY0022411	3028 WURTELE AVE	4/1/2026 18:40	4/1/2026 19:20	1	134428	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	WET WEATHER	4076987	CUSTOMER CLEANED IMPACTED AREA	FLUSHED SEWER LINE 4076988
MORRIS FORMAN WQTC	KY0022411	3233 CAWEIN WAY	4/14/2026 14:00	4/14/2026 15:00	1	XX10418099	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4088493	CUSTOMER CLEANED IMPACTED AREA	FLUSHED MAIN SEWER 4088494
DEREK R. GUTHRIE WQTC	KY0078956	4106 CHEVIOT DR	4/15/2026 21:20	4/15/2026 22:00	1	18161	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	4088676	CUSTOMER CLEANED IMPACTED AREA	MSD PERSONNEL FLUSHED SEWER MAIN 4088677
MORRIS FORMAN WQTC	KY0022411	3025 DALE ANN DR	4/25/2026 17:23	4/25/2026 18:28	1	24307	GREASE IN MAIN SEWER LINE	GREASE BLOCKAGE	DRY WEATHER	4095779	CUSTOMER CLEANED IMPACTED AREA	MSD PERSONNEL FLUSHED SEWER MAIN 4095778
DEREK R. GUTHRIE WQTC	KY0078956	7801 BRYNWOOD LN	4/28/2026 15:00	4/28/2026 15:15	1	BW06578039	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	WET WEATHER	4096517	CUSTOMER CLEANED IMPACTED AREA	FLUSHED MAIN SEWER 4096519
DEREK R. GUTHRIE WQTC	KY0078956	6613 GABRIEL DR	5/9/2026 17:10	5/9/2026 18:08	1	124446613A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4098985	CUSTOMER CLEANED IMPACTED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER TVL IS 4098986 TVI 4098987
DEREK R. GUTHRIE WQTC	KY0078956	6611 GABRIEL DR	5/9/2026 17:10	5/9/2026 18:08	1	124446611A	OBSTRUCTION IS MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4098981	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4099010
MORRIS FORMAN WQTC	KY0022411	200 BROWNS LN	5/13/2026 10:00	5/13/2026 11:45	1	042100420000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4100766	CUSTOMER CLEANED IMPACTED AREA	FLUSHED MAIN SEWER 4100767
HITE CREEK WQTC	KY0022420	6904 TIMBER RIDGE CT	5/23/2026 19:02	5/23/2026 19:45	1	EP44737039	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	4108975	CUSTOMER CLEANED IMPACTED AREA	MSD PERSONNEL ROOT CUT MAIN SEWER LINE 4108976
MORRIS FORMAN WQTC	KY0022411	2210 HOLLIDAY MANOR CTR	5/24/2026 0:00	5/24/2026 4:14	1	113992210	GREASE IS MAIN SEWER	GREASE BLOCKAGE	DRY WEATHER	4108987	CUSTOMER CLEANED IMPACTED AREA	MSD PERSONNEL FLUSHED SEWER MAIN 4108989
MORRIS FORMAN WQTC	KY0022411	9515 SHANNA DR	6/5/2026 18:41	6/5/2026 19:17	1	059300440000A	OBSTRUCTION IS MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4111444	CUSTOMER CLEANED IMPACTED AREA	MSD PERSONNEL FLUSHED SEWER MAIN 4111445
MORRIS FORMAN WQTC	KY0022411	9509 SUE HELEN DR	6/9/2026 13:30	6/9/2026 14:00	1	057800710000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	WET WEATHER	4112074	CUSTOMER CLEANED IMPACTED AREA	FLUSHED MAIN SEWER 4112075
MORRIS FORMAN WQTC	KY0022411	1553 WALTER AVE	6/18/2026 17:23	6/18/2026 17:57	1	W10266019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4119467	CUSTOMER CLEANED IMPACTED AREA	CUSTOMER NOW HAS FULL USAGE

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET ID	CAUSE	DUE TO	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
CEDAR CREEK WQTC	KY0098540	12127 VAN-HERR DR	6/24/2026 17:38	6/24/2026 18:09	1	1605704	OBSTRUC-TION IN MAIN SEWER	OBSTRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	4120426	CUSTOMER CLEANED IMPACTED AREA	MSD PERSONNEL FLUSHED MAIN SEW-ER LINE 4120428
MORRIS FORMAN WQTC	KY0022411	11103 FINCH-LEY RD	6/27/2026 19:55	6/27/2026 20:39	1	185202370000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4122170	CUSTOMER CLEANED IMPACTED AREA	ADVISED CUSTOMER TO MINIMIZE USAGE AND TO CALL BACK WITHIN 24HRS
DEREK R. GUTHRIE WQTC	KY0078956	11417 ANGE-LINA RD	6/27/2026 21:00	6/27/2026 23:00	1	16722A237	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4122180	CUSTOMER CLEANED THE IMPACT-ED AREA	INVESTIGATION INDI-CATED ADDITIONAL REPAIRS REPAIRS ARE NOT REQUIRED BY MSD
CEDAR CREEK WQTC	KY0098540	8316 CABIN HILL RD	6/29/2026 15:30	6/29/2026 17:45	1	BW06084059	UTILITY DAM-AGED MSD ASSET	UTILITY DAM-AGED MSD ASSET	DRY WEATHER	4122510	CUSTOMER CLEANED IMPACTED AREA	REFER OVER TO SANITARY MSR 4122643

Appendix H Overflows to the Exterior

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WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	CAUSE	DUE TO	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
DEREK R. GUTHRIE WQTC	KY0078956	5205 HAS-BROOK DR	7/1/2025 13:01	7/1/2025 13:20	500	Sewer Valve	82091-V	MECHANICAL FAILURE (AIR RELEASE VALVE MALFUNCTION)	MECHAN-ICAL FAILURE	DRY WEATHER	3963623	AREA DIS-INFECTED WITH LIME	REPLACED ARV
MORRIS FORMAN WQTC	KY0022411	711 FAIRHILL DR	7/18/2025 0:20	7/18/2025 2:30	1	Sewer Main	27623	CAUSE OF DISCHARGE IS IN MAIN SEWER. ROOT OBSTRUC-TION IN MAIN SEWER	ROOTS	WET WEATHER	3968450	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED DEBRIS FROM SEWER; FLUSH WO3968448. ROOT CUT WO3985414
MORRIS FORMAN WQTC	KY0022411	3333 NEW-BURG RD	7/18/2025 15:15	7/18/2025 18:00	2	Sewer Manhole	16720	CAUSE OF DIS-CHARGE IS IN MAIN SEWER. ROOTS IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	3975613	MSD PER-SONNEL WILL CLEAN AND SANITIZE IMPACTED AREA	FLUSHED/ VACTORED THE OBSTRUCTION FROM THE SEWER; FLUSH WO3975620 & V WO3975618. REPAIRED THE MAIN SEWER; MSR WO3975615
MORRIS FORMAN WQTC	KY0022411	3718 STAN-TON BLVD	7/20/2025 12:15	7/20/2025 12:30	1	Sewer Ser-vice Line	98828	MSD PERSON-NEL CLEANING THE SEWERS	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	3975718	CUSTOMER ADVISED MSD PER-SONNEL THAT THEY WILL CLEAN THE IMPACT-ED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
CEDAR CREEK WQTC	KY0098540	8405 CEDAR CREEK RD	7/22/2025 8:31	7/25/2025 6:40	200	Sewer Treat-ment Plant	WQTCCC	MECHANICAL FAILURE (SUMP PUMPS TRIPPED OUT). #2 OX DITCH CONTAIN-MENTS.	MECHAN-ICAL FAILURE	WET WEATHER	3976022	AREA DIS-INFECTED WITH LIME. MSD CON-TRACTOR CLEANED AND SANI-TIZED THE IMPACTED AREA	REPLACE PUMPS AND REPAIR RECEPTACLES, WO3975840
FLOYDS FORK WQTC	KY0102784	1100 BLUE HERON RD	7/25/2025 6:29	7/25/2025 6:36	25	Sewer Treat-ment Plant	WQTCFF	MECHANICAL FAILURE (CRACK IN WALL)	MECHAN-ICAL FAILURE	DRY WEATHER	3976467	AREA DIS-INFECTED WITH LIME	REPAIRED THE (CONTRACTOR TO INJECT MATERIAL TO SEAL CRACK; WO3976194)
DEREK R. GUTHRIE WQTC	KY0078956	13311 GIR-VAN AVE	7/31/2025 13:01	7/31/2025 14:05	1	Sewer Ser-vice Line	DD71530019	OBSTRUC-TION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	3980261	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER #3980264
DEREK R. GUTHRIE WQTC	KY0078956	4901 FERN VALLEY RD	7/31/2025 17:50	7/31/2025 18:30	1	Sewer Main	33860	GREASE IN MAIN SEWER	GREASE BLOCK-AGE	DRY WEATHER	3980298	CUSTOMER CLEANED IMPACTED AREA	FLUSHED DEBRIS FROM SEWER #3980297
MORRIS FORMAN WQTC	KY0022411	6204 PRES-TON HWY	8/21/2025 9:30	8/21/2025 10:46	1	Sewer Main	55006	OBSTRUC-TION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	3989074	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 3989076
DEREK R. GUTHRIE WQTC	KY0078956	5600 POP-LAR LEVEL RD	9/5/2025 12:00	9/5/2025 12:59	1	Sewer Manhole	47260	OBSTRUC-TION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	3993290	MSD PER-SONNEL CLEANED AND SANI-TIZED THE IMPACTED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 3993288

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	CAUSE	DUE TO	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
HITE CREEK WQTC	KY0022420	8208 MONTERO DR	9/27/2025 12:45	9/29/2025 10:00	5	Sewer Main	66873E-AG	MECHANICAL FAILURE (4" FORCE MAIN BROKE)	MECHANICAL FAILURE	DRY WEATHER	4001714	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	REPAIRED THE FORCE MAIN WO:4001686
DEREK R. GUTHRIE WQTC	KY0078956	9308 CANE RUN RD	9/29/2025 13:05	9/29/2025 14:30	1	Sewer Service Line	131949308	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4001809	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4001811
FLOYDS FORK WQTC	KY0102784	303 N ENGLISH STATION RD	10/3/2025 13:15	10/3/2025 17:00	5	Sewer Main	117636	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4002356	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED MAIN SEWER 4002357
FLOYDS FORK WQTC	KY0102784	303 N ENGLISH STATION RD	10/6/2025 14:50	10/6/2025 18:20	50	Sewer Main	117636	GREASE IN MAIN SEWER	GREASE BLOCKAGE	WET WEATHER	4002998	DISCLN WO4003002	FLUSHED THE GREASE FROM THE MAIN SEWER 4002999
MORRIS FORMAN WQTC	KY0022411	301 PENRUTH AVE	10/6/2025 18:40	10/6/2025 19:50	10	Sewer Main	41168	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	WET WEATHER	4002994	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED OBSTRUCTION FROM MAIN SEWER 4015732
MORRIS FORMAN WQTC	KY0022411	418 W KENWOOD DR	10/7/2025 17:45	10/7/2025 17:55	1	Storm Inlet	060100460	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4003781	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN THE IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL BACK IN 24 TO 48 HOURS IF STILL HAVING ISSUES
MORRIS FORMAN WQTC	KY0022411	2409 SENECA VALLEY RD	10/7/2025 18:00	10/7/2025 18:45	1	Sewer Manhole	26891	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	WET WEATHER	4003768	MSD PERSONNEL CLEANED AND SANITIZED IMPACTED AREA	FLUSHED MAIN SEWER 4003770
MORRIS FORMAN WQTC	KY0022411	2570 WOODBOURNE AVE	10/13/2025 17:05	10/13/2025 17:45	1	Sewer Manhole	45868	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	4005890	MSD PERSONNEL CLEANED THE IMPACTED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4017356
MORRIS FORMAN WQTC	KY0022411	2572 WOODBOURNE AVE	10/19/2025 11:10	10/19/2025 12:30	25	Sewer Manhole	45869	ROOTS IN MAIN SEWER	ROOTS	WET WEATHER	4010949	DISCLN 4010953	FLUSHED MAIN SEWER 4013102
HITE CREEK WQTC	KY0022420	7699 HAPPY HOLLOW RD	11/2/2025 13:30	11/2/2025 13:55	625	Sewer Manhole	66708	OBSTRUCTION IN THE MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4015747	MSD PERSONNEL WILL CLEAN IMPACTED AREA	FLUSHED OBSTRUCTION FROM MAIN SEWER 4015899
CEDAR CREEK WQTC	KY0098540	4101 LANDHERR DR	11/12/2025 20:45	11/12/2025 20:50	200	Sewer Main	84158-V	STRUCTURAL FAILURE (FORCE MAIN BREAK)	STRUCTURAL FAILURE	DRY WEATHER	4017762	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	REPAIRED THE FM WO#TBH

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	CAUSE	DUE TO	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
HITE CREEK WQTC	KY0022420	6301 DEEP CREEK DR	11/16/2025 11:45	11/16/2025 12:15	1	Sewer Service Line	EP47675019	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	4018070	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED MAIN SEWER AND REMOVED ROOT BLOCKAGE 4018071
MORRIS FORMAN WQTC	KY0022411	9806 SOMERFORD RD	11/16/2025 23:21	11/17/2025 0:05	1	Sewer Manhole	27063	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4022263	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4022264
DEREK R. GUTHRIE WQTC	KY0078956	3424 PELESKE DR	11/21/2025 0:00	11/22/2025 1:29	1	Sewer Service Line	179680	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	WET WEATHER	4026606	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED DEBRIS FROM MAIN 4026511
MORRIS FORMAN WQTC	KY0022411	4316 MANNER DALE DR	11/26/2025 13:02	11/26/2025 14:04	1	Sewer Main	49578	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4027989	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4027990
MORRIS FORMAN WQTC	KY0022411	965 PALATKA RD	12/6/2025 19:02	12/6/2025 19:58	1	Sewer Main	09238	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	4029389	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4029390
CEDAR CREEK WQTC	KY0098540	5301 CRANWOOD LN	12/6/2025 21:55	12/6/2025 22:49	1	Sewer Main	28975	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4029387	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4029388
CEDAR CREEK WQTC	KY0098540	9607 NEWBRIDGE RD	12/13/2025 22:30	12/13/2025 23:50	1	Sewer Main	87020	GRESE IN MAIN SEWER	GREASE BLOCKAGE	DRY WEATHER	4030228	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED DEBRIS FROM SEWER 4030227
MORRIS FORMAN WQTC	KY0022411	8901 AYRSHIRE AVE	12/18/2025 22:00	12/18/2025 23:00	5	Sewer Main	48528	ROOTS IN THE SHARED JOINT OF THE PROPERTY SERVICE CONNECTION	ROOTS	DRY WEATHER	4037170	CUSTOMER CLEANED THE IMPACTED AREA	REFER TO WO# 4037563
DEREK R. GUTHRIE WQTC	KY0078956	2701 BUTLER RD	12/20/2025 14:20	12/20/2025 22:00	300	Sewer Manhole	54360	CAUSE OF DISCHARGE IS IN MANHOLE. MSD PERSONNEL CLEANING SEWERS	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4037591	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA; DISCLN 4037593	FLUSHED OBSTRUCTION FROM MAIN SEWER; FLUSH 4037588
MORRIS FORMAN WQTC	KY0022411	8802 DENINGTON DR	12/20/2025 17:00	12/20/2025 17:30	5	Sewer Main	02379	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4037583	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED DEBRIS FROM SEWER 4037581
DEREK R. GUTHRIE WQTC	KY0078956	8933 LA COSTA RD	12/25/2025 18:50	12/25/2025 21:25	1	Sewer Service Line	T168A8933	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	4038631	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	REFER TO CREW FOR TV INSPECTION 4038635

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	CAUSE	DUE TO	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	3605 ST EDWARDS DR	12/29/2025 14:45	12/29/2025 15:15	1	Sewer Main	28245	GREASE BLOCKAGE IN MAIN SEWER	GREASE BLOCK-AGE	WET WEATHER	4039064	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED MAIN SEWER 4039065
DEREK R. GUTHRIE WQTC	KY0078956	6112 THEILER LN	12/31/2025 19:00	12/31/2025 20:00	1	Sewer Main	25170	GRESE IN MAIN SEWER	GREASE BLOCK-AGE	DRY WEATHER	4039368	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED DEBRIS FROM SEWER 4039367
CEDAR CREEK WQTC	KY0098540	11201 SUCCESS LN	1/29/2026 18:35	1/29/2026 20:00	10	Sewer Manhole	103841	OBSTRUCTION IN MANHOLE	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	4048973	CUSTOMER CLEANED THE IMPACT-ED AREA	REMOVED DEBRIS FROM MAIN TVI 4048971
DEREK R. GUTHRIE WQTC	KY0078956	1915 LINHERK AVE	1/30/2026 19:30	1/30/2026 20:30	1	Sewer Service Line	60888	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	4049071	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED DEBRIS FROM SEWER
MORRIS FORMAN WQTC	KY0022411	3612 PLYMOUTH RD	2/13/2026 17:30	2/13/2026 19:30	1	Sewer Main	18989	OBSTRUCTION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	4050650	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED DEBRIS FROM SEWER
MORRIS FORMAN WQTC	KY0022411	3019 BONAIR AVE	2/19/2026 11:20	2/19/2026 13:05	1	Sewer Main	17594	OBSTRUCTION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	4059769	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4059770. 4059771
MORRIS FORMAN WQTC	KY0022411	4301 ROCKWOOD DR	2/19/2026 14:55	2/19/2026 15:48	1	Sewer Main	43880	ROOTS IN MAIN SEWER	ROOTS	WET WEATHER	4059725	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4059729, 4059727, 4059726
DEREK R. GUTHRIE WQTC	KY0078956	9206 TRENTA LN	3/4/2026 18:15	3/4/2026 18:50	1	Sewer Main	55484	ROOTS IN THE MAIN SEWER	ROOTS	DRY WEATHER	4063993	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED DEBRIS FROM THE SEWER 4063991 RC 4063992
CEDAR CREEK WQTC	KY0098540	9607 NEWBRIDGE RD	3/4/2026 21:15	3/4/2026 21:45	1	Sewer Main	87008	GREASE IN THE MAIN SEWER	GREASE BLOCK-AGE	DRY WEATHER	4063996	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED DEBRIS FROM SEWER 4063994
MORRIS FORMAN WQTC	KY0022411	2917 SENECA PARK RD	3/5/2026 17:30	3/5/2026 17:45	10	Sewer Main	45890	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4064419	CUSTOMER CLEANED THE IMPACT-ED AREA	NONE DUE TO MAGNITUDE OF RAIN
MORRIS FORMAN WQTC	KY0022411	9304 HABERSHAM DR	3/5/2026 20:00	3/5/2026 20:30	1	Sewer Main	20479	OBSTRUCTION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	WET WEATHER	4064422	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	CAUSE	DUE TO	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	2573 CHEROSEN RD	3/8/2026 13:00	3/8/2026 13:15	5	Sewer Service Line	X08149029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4064993	WATER HAS NOT RECEEDED	TO BE DETERMINED
MORRIS FORMAN WQTC	KY0022411	301 BRAMTON RD	3/9/2026 10:00	3/9/2026 10:45	2	Sewer Manhole	21180	OBSTRUCTION IN MAIN SEWER	OB-STRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4065109	MSD PERSONNEL CLEANED AND SANITIZED IMPACTED AREA	FLUSHED MAIN SEWER RC 4065110
DEREK R. GUTHRIE WQTC	KY0078956	13610 KINROSS BLVD	3/10/2026 12:10	3/10/2026 13:06	1	Sewer Service Line	DD71594019	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DRY WEATHER	4065722	CUSTOMER CLEANED THE IMPACTED AREA	ROOT CUT MAIN SEWER AND LINE RECEDED 4065733
HITE CREEK WQTC	KY0022420	5601 FALLS CT	3/14/2026 12:10	3/14/2026 18:00	5	Sewer Manhole	91141	ROOT OBSTUCTION IN MAIN SEWER	ROOTS	DRY WEATHER	4068051	MSD PERSONNEL CLEANED IMPACTED AREA	REFER TO WO# 4068064
MORRIS FORMAN WQTC	KY0022411	1803 LASER LN	3/19/2026 11:30	3/19/2026 12:00	10	Sewer Manhole	42055	OBSTRUCTION IN MAIN SEWER	OB-STRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4074294	MSD PERSONNEL CLEANED AND SANITIZED IMPACTED AREA	FLUSHED MAIN SEWER 4074295
MORRIS FORMAN WQTC	KY0022411	1130 ROSTREVOR CIR	3/25/2026 10:45	3/25/2026 12:30	2,600	Sewer Manhole	72592	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	4075369	MSD PERSONNEL WILL CLEAN AND SANITIZE IMPACTED AREA DISCLN 4075374	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4075370 RC 4076605
MORRIS FORMAN WQTC	KY0022411	7705 CIRCLE CREST RD	3/29/2026 19:20	3/29/2026 20:05	1	Sewer Manhole	46812	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	4076264	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER
FLOYDS FORK WQTC	KY0102784	12700 TOWNEPARK WAY	4/2/2026 12:15	4/2/2026 12:30	1	Sewer Manhole	00389	OBSTRUCTION IN MAIN SEWER	OB-STRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4077056	MSD PERSONNEL CLEANED AND SANITIZED IMPACTED AREA	FLUSHED MAIN SEWER 4077057
MORRIS FORMAN WQTC	KY0022411	417 KILMORY AVE	4/7/2026 19:00	4/7/2026 21:27	1	Sewer Service Line	059E01590000A	OBSTRUCTION IN THE MAIN SEWER	OB-STRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4086022	CUSTOMER CLEANED IMPACTED AREA	MSD PERSONNEL FLUSHED MAIN SEWER AND LINE RECEDED 4086021
MORRIS FORMAN WQTC	KY0022411	4325 NANEEN DR	4/9/2026 10:30	4/9/2026 11:26	1	Sewer Service Line	74284	OBSTRUCTION IN THE MAIN SEWER	OB-STRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4087084	CUSTOMER CLEANED IMPACTED AREA	MSD PERSONNEL FLUSHED THE MAIN SEWER AND LINE RECEDED 4087085

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	CAUSE	DUE TO	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	529 COUNTRY LN	4/10/2026 10:45	4/10/2026 12:15	1	Sewer Manhole	22893	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4088107	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4088109
MORRIS FORMAN WQTC	KY0022411	9619 GLENAWYN CIR	4/10/2026 16:30	4/10/2026 17:00	1	Sewer Manhole	28707	GREASE IN SEWER MAIN	GREASE BLOCKAGE	DRY WEATHER	4088130	DISCLN 4088282	FLUSHED SEWER LINE 4088131
MORRIS FORMAN WQTC	KY0022411	1916 BUTTONWOOD RD	4/11/2026 0:20	4/11/2026 0:50	1	Sewer Service Line	150000220000A	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DRY WEATHER	4088182	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN THE IMPACTED AREA.	MSD PERSONNEL FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4088183
HITE CREEK WQTC	KY0022420	7209 FOX HARBOR RD	4/11/2026 14:00	4/11/2026 15:50	1	Sewer Service Line	111207209	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4088184	MSD PERSONNEL CLEANED AREA	REFERED TO AREA SUPERVISOR TO MAKE NEEDED REPAIRS PSCR 4088161
MORRIS FORMAN WQTC	KY0022411	4522 ALGONQUIN PKY	4/14/2026 1:00	4/14/2026 1:00	100	Sewer Treatment Plant	WQTCMF	DGC NEED TO BE RESET	ELECTRICAL PROBLEMS AT MSD	WET WEATHER	4088376	HOSED GROUND AND BLGD OFF	ELECT NEEDS TO RESET #1 DGC
MORRIS FORMAN WQTC	KY0022411	1600 ORMSBY STATION CT	4/14/2026 17:00	4/14/2026 19:00	1	Sewer Main	32633	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4088543	CUSTOMER CLEANED IMPACTED AREA	FLUSHED DEBRIS FROM SEWER 4088542
MORRIS FORMAN WQTC	KY0022411	3304 MARDALE DR	4/15/2026 18:31	4/15/2026 19:18	1	Sewer Service Line	057800920000A	GREASE IN SEWER MAIN	GREASE BLOCKAGE	DRY WEATHER	4088664	MSD PERSONNEL CLEANED AND SANITIZED IMPACTED AREA 4088667	MSD PERSONNEL FLUSHED MAIN SEWER WO# 4088666
DEREK R. GUTHRIE WQTC	KY0078956	3419 HEATHERFIELD DR	4/16/2026 17:00	4/16/2026 19:45	1	Sewer Service Line	37007	OBSTRUCTION IN THE MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4088807	CUSTOMER CLEANED IMPACTED AREA	MSD PERSONNEL FLUSHED MAIN SEWER AND LINE RECEDED RC 4088808
MORRIS FORMAN WQTC	KY0022411	1809 ABERDEEN DR	4/21/2026 11:00	4/21/2026 11:45	1	Sewer Manhole	83227	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4093913	MSD PERSONNEL CLEANED AND SANITIZED IMPACTED AREA	FLUSHED MAIN SEWER 4093914
FLOYDS FORK WQTC	KY0102784	829 LAKE FOREST PKY	4/21/2026 23:30	4/22/2026 0:00	5	Sewer Main	80436	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4094002	CUSTOMER CLEANED IMPACTED AREA	FLUSHED DEBRIS FROM SEWER 4094001
DEREK R. GUTHRIE WQTC	KY0078956	6615 ADAM RIDGE PL	4/25/2026 20:00	4/25/2026 22:00	1	Sewer Manhole	119477	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4095792	MSD PERSONNEL SANATIZED AFFECTED AREA	REFFER TO SANITARY SUPERVISOR FOR MAIN SEWER REPAIR 4095787

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	CAUSE	DUE TO	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	3600 MALL RD	4/26/2026 16:11	4/26/2026 16:45	1	Sewer Manhole	96800	GREASE IN MAIN SEWER	GREASE BLOCK-AGE	DRY WEATHER	4095819	MSD PER-SONNEL SANTATIZED AFFECTED AREA DISCLN 4095820	MSD PERSONNEL FLUSHED SEWER MAIN LINE 4095818
MORRIS FORMAN WQTC	KY0022411	1320 DAHL RD	4/29/2026 19:40	4/29/2026 20:20	1	Sewer Manhole	48932	OBSTRUC-TION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	4097366	MSD PER-SONNEL CLEANED AND SANATIZED AFFECTED AREA	MSD PERSONNEL FLUSHED SEWER MAIN 4097365
MORRIS FORMAN WQTC	KY0022411	9304 HABER-SHAM DR	5/5/2026 23:50	5/6/2026 2:30	5	Sewer Main	20479	ROOTS IN MAIN SEWER	ROOTS	WET WEATHER	4098459	CUSTOMER CLEANED IMPACTED AREA	ROOT CUT MAIN SEWER WO 4098646
FLOYDS FORK WQTC	KY0102784	14102 OVER-LANDER CT	5/9/2026 20:41	5/9/2026 21:13	1	Sewer Manhole	85053	OBSTRUC-TION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	4098996	MSD PER-SONNEL CLEANED AND SANATIZED AFFECTED AREA DISCLN 4098997	MSD PERSONNEL FLUSHED MAIN SEWER 4098995
CEDAR CREEK WQTC	KY0098540	9012 FERN CREEK RD	5/22/2026 19:45	5/22/2026 20:14	1	Sewer Ser-vice Line	BW0811033	OBSTRUC-TION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	WET WEATHER	4108533	MSD PER-SONNEL CLEANED AND SANATIZED IMPACTED AREA	MSD PERSONNEL FLUSHED SEWER MAIN 4108534
MORRIS FORMAN WQTC	KY0022411	209 DALEV-IEW LN	5/26/2026 13:45	5/26/2026 16:00	1	Sewer Manhole	89889	GREASE BLOCKAGE IN MAIN SEWER	GREASE BLOCK-AGE	WET WEATHER	4109643	MSD PER-SONNEL CLEANED AND SANITIZED IMPACTED AREA	FLUSHED MAIN SEWER 4109644
MORRIS FORMAN WQTC	KY0022411	2214 DEAR-ING CT	5/29/2026 11:45	5/29/2026 14:00	1	Sewer Main	12877	OBSTRUC-TION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	4110426	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED/ VACTORED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4110427
MORRIS FORMAN WQTC	KY0022411	2379 CLAR-ENDON AVE	5/29/2026 16:55	5/29/2026 17:30	1	Sewer Ser-vice Line	081C00410000A	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	4110394	MSD PER-SONNEL CLEANED AND SANI-TIZED THE IMPACTED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER RC 4110397
HITE CREEK WQTC	KY0022420	6100 CON-CORD AVE	6/4/2026 9:30	6/4/2026 14:57	100	Sewer Manhole	90987G	OBSTRUC-TION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	4111289	CUSTOMER ADVISED MSD PER-SONNEL THAT THEY WILL CLEAN THE IMPACT-ED AREA	FLUSHED/ VACTORED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4111284

WQTC NAME	WQTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE ASSET TYPE	SOURCE ASSET ID	CAUSE	DUE TO	WEATHER	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
FLOYDS FORK WQTC	KY0102784	12529 SHELBYVILLE RD	6/5/2026 13:35	6/5/2026 15:00	1	Sewer Manhole	60889	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4111425	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED/ VACTORED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4111423
DEREK R. GUTHRIE WQTC	KY0078956	6709 GRADE LN	6/8/2026 14:31	6/8/2026 16:31	50	Sewer Manhole	34938	DEFLATED PLUG WAS FOUND IN DOWNSTREAM SEWER RESTRICTING FLOW WHILE MELCO BASIN WAS DEWATERING AT TOO HIGH A RATE OVERWHELMING SYSTEM	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4111763	NONE- DID NOT LEAVE PROPERTY OR ENTER WUS	REMOVED OBSTRUCTION AND SLOWED DEWATERING RATE
MORRIS FORMAN WQTC	KY0022411	4522 ALGONQUIN PKY	6/11/2026 18:00	6/11/2026 19:00	600	Sewer Treatment Plant	WQTCMF	CONTRACTOR SPILLAGE WHILE CLEANING DIGESTER	MECHANICAL FAILURE	DRY WEATHER	4112900	CONTRACTOR SUBJECT TO CLEAN	INFORMED CONTRACTORS TO CLEAN IMMEDIATELY AFTER
DEREK R. GUTHRIE WQTC	KY0078956	9336 PONDER LN	6/15/2026 13:30	6/15/2026 15:17	1	Sewer Service Line	123529336	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	4113288	CUSTOMER CLEANED IMPACTED AREA	REFER TO AREA SUPERVISOR FOR FURTHER INVESTIGATION MSR 4113286
DEREK R. GUTHRIE WQTC	KY0078956	7928 NOTTOWAY CIR	6/28/2026 10:00	6/28/2026 10:30	1	Sewer Service Line	DE31262019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	4122233	CUSTOMER ADVISED MSD PERSONNEL THEY WOULD CLEAN IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL BACK AFTER 24 TO 48 HOURS

Appendix I IOAP Project Crosswalk

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PROJECT NAME	PROGRAM	ASSET ID	PROJECT ID
17TH ST FPS DWO ELIMINATION	LTCP-DWO	FLPS17	L_OR_MF_190_S_03_A_A
27TH STREET FPS DWO ELIM	LTCP-DWO	FLPS27	L_OR_MF_019_S_03_A_A
34TH ST FPS DWO ELIMINATION	LTCP-DWO	FLPS34	L_OR_MF_019_S_03_A_B
4TH STREET FPS DWO ELIMINATION	LTCP-DWO	CSO022	L_OR_MF_022_M_03_A_A
4TH STREET FPS DWO ELIMINATION	LTCP-DWO	FLPS04	L_OR_MF_022_M_03_A_A
ADAMS STREET SEWER SEPARATION (FORMERLY STORAGE BASIN)	LTCP-CSO	CSO172-X	L_OR_MF_172_S_09B_B_A_0
ADMIRAL WAY FORCE MAIN DIVERSION	AM	117174	AMADMIRALWAYPS
ADMIRAL WAY FORCE MAIN DIVERSION	AM	64054	AMADMIRALWAYPS
ADMIRAL WAY FORCE MAIN DIVERSION	AM	93703	AMADMIRALWAYPS
ADMIRAL WAY FORCE MAIN DIVERSION	AM	93704	AMADMIRALWAYPS
ADMIRAL WAY FORCE MAIN DIVERSION	AM	93705	AMADMIRALWAYPS
ADMIRAL WAY FORCE MAIN DIVERSION	AM	SSPSDG-ADMI	AMADMIRALWAYPS
ANCHOR ESTATES PS ELIMINATIONS 1 - VANNAH PUMP STATION ELIMINATION	SSDP-SSO	01106	S_MI_MF_NB06_M_01_A_A-2
ANCHOR ESTATES PS ELIMINATIONS 2 - ANCHOR ESTATES #1 AND #2 PUMP STATION ELIMINATION	SSDP-SSO	00056-W	S_MI_MF_NB06_M_01_A_A - 1
ANCHOR ESTATES PS ELIMINATIONS 2 - ANCHOR ESTATES #1 AND #2 PUMP STATION ELIMINATION	SSDP-SSO	0057-W	S_MI_MF_NB06_M_01_A_A - 1
ANCHOR ESTATES PS ELIMINATIONS 2 - ANCHOR ESTATES #1 AND #2 PUMP STATION ELIMINATION	SSDP-SSO	00746	S_MI_MF_NB06_M_01_A_A - 1
ANCHOR ESTATES PS ELIMINATIONS 2 - ANCHOR ESTATES #1 AND #2 PUMP STATION ELIMINATION	SSDP-SSO	00817	S_MI_MF_NB06_M_01_A_A - 1
ANCHOR ESTATES PS ELIMINATIONS 2 - ANCHOR ESTATES #1 AND #2 PUMP STATION ELIMINATION	SSDP-SSO	MSD0056-LS	S_MI_MF_NB06_M_01_A_A - 1
ANCHOR ESTATES PS ELIMINATIONS 2 - ANCHOR ESTATES #1 AND #2 PUMP STATION ELIMINATION	SSDP-SSO	MSD0057-LS	S_MI_MF_NB06_M_01_A_A - 1
ASHBURTON PS IMPROVEMENTS & DIVERSION	SSDP-SSO	SSPSFF-ASHB	S_FF_FF_NB03_M_01_C_A
ASHBURTON PS IMPROVEMENTS & DIVERSION	SSDP-SSO	SSPSFF-OLDC	S_FF_FF_NB03_M_01_C_A
AVANTI PS ELIMINATION	SSDP-SSO	21229	S_PO_WC_PC07_M_01_A
BARDSTOWN RD PS IMPROVEMENTS	SSDP-SSO	88545	S_CC_CC_MSD1025_S_03_B
BEARGRASS INTERCEPTOR REHABILITATION PH 2	SSDP-SSO	51594	S_SD_MF_NB06_S_13_C
BEECHWOOD VILLAGE SEWER REPL	ISSDP	21061	BEECHWOOD VILLAGE SEWER REPL
BEECHWOOD VILLAGE SEWER REPL	ISSDP	21089	BEECHWOOD VILLAGE SEWER REPL
BEECHWOOD VILLAGE SEWER REPL	ISSDP	21089A	BEECHWOOD VILLAGE SEWER REPL
BEECHWOOD VILLAGE SEWER REPL	ISSDP	21092	BEECHWOOD VILLAGE SEWER REPL
BEECHWOOD VILLAGE SEWER REPL	ISSDP	21101	BEECHWOOD VILLAGE SEWER REPL
BEECHWOOD VILLAGE SEWER REPL	ISSDP	21153	BEECHWOOD VILLAGE SEWER REPL
BEECHWOOD VILLAGE SEWER REPL	ISSDP	21156	BEECHWOOD VILLAGE SEWER REPL
BELLS LANE (FORMERLY PADDY'S RUN) WET WEATHER TREATMENT FACILITY	LTCP-CSO	CSO015-M	L_OR_MF_015_M_13_B_B_8
BELLS LANE (FORMERLY PADDY'S RUN) WET WEATHER TREATMENT FACILITY	LTCP-CSO	CSO191-M	L_OR_MF_015_M_13_B_B_8
BUECHEL TRUNK SEWER REHABILITATION	AEAP-CR	08426	C_SF_MF_B
BUECHEL TRUNK SEWER REHABILITATION	AEAP-CR	08427	C_SF_MF_B
BUECHEL TRUNK SEWER REHABILITATION	AEAP-CR	08429	C_SF_MF_B
BUECHEL TRUNK SEWER REHABILITATION	AEAP-CR	08430	C_SF_MF_B
BUECHEL TRUNK SEWER REHABILITATION	AEAP-CR	08431	C_SF_MF_B

PROJECT NAME	PROGRAM	ASSET ID	PROJECT ID
BUECHEL TRUNK SEWER REHABILITATION	AEAP-CR	085100050045A	C_SF_MF_B
BUECHEL TRUNK SEWER REHABILITATION	AEAP-CR	085100290046A	C_SF_MF_B
BUECHEL TRUNK SEWER REHABILITATION	AEAP-CR	18654	C_SF_MF_B
BUECHEL TRUNK SEWER REHABILITATION	AEAP-CR	49647	C_SF_MF_B
BUECHEL TRUNK SEWER REHABILITATION	AEAP-CR	85055	C_SF_MF_B
BUECHEL TRUNK SEWER REHABILITATION	AEAP-CR	85075	C_SF_MF_B
BUECHEL TRUNK SEWER REHABILITATION	AEAP-CR	85076	C_SF_MF_B
BUECHEL TRUNK SEWER REHABILITATION	AEAP-CR	85097	C_SF_MF_B
CAMP TAYLOR SYSTEM IMPROVEMENT PHASE 1 - SSES	SSDP-SSO	08717	S_SF_MF_30917_M_09_A
CAMP TAYLOR SYSTEM IMPROVEMENT PHASE 1 - SSES	SSDP-SSO	104223	S_SF_MF_30917_M_09_A
CAMP TAYLOR SYSTEM IMPROVEMENT PHASE 1 - SSES	SSDP-SSO	104224	S_SF_MF_30917_M_09_A
CAMP TAYLOR SYSTEM IMPROVEMENT PHASE 1 - SSES	SSDP-SSO	13931	S_SF_MF_30917_M_09_A
CAMP TAYLOR SYSTEM IMPROVEMENT PHASE 1 - SSES	SSDP-SSO	36763	S_SF_MF_30917_M_09_A
CAMP TAYLOR SYSTEM IMPROVEMENT PHASE 1 - SSES	SSDP-SSO	44396	S_SF_MF_30917_M_09_A
CAMP TAYLOR SYSTEM IMPROVEMENT PHASE 1 - SSES	SSDP-SSO	44397	S_SF_MF_30917_M_09_A
CAMP TAYLOR SYSTEM IMPROVEMENT PHASE 1 - SSES	SSDP-SSO	51301	S_SF_MF_30917_M_09_A
CAMP TAYLOR SYSTEM IMPROVEMENT PHASE 1 - SSES	SSDP-SSO	66349	S_SF_MF_30917_M_09_A
CAMP TAYLOR SYSTEM IMPROVEMENT PHASE 1 - SSES	SSDP-SSO	99259	S_SF_MF_30917_M_09_A
CAMP TAYLOR SYSTEM IMPROVEMENTS PHASE 3 - REPLACE SEWER & REHABILITATION	SSDP-SSO	104231	S_SF_MF_30917_M_09_A__
CAMP TAYLOR SYSTEM IMPROVEMENTS PHASE 3 - REPLACE SEWER & REHABILITATION	SSDP-SSO	13943	S_SF_MF_30917_M_09_A__
CAMP TAYLOR SYSTEM IMPROVEMENTS PHASE 3 - REPLACE SEWER & REHABILITATION	SSDP-SSO	13946	S_SF_MF_30917_M_09_A__
CAMP TAYLOR SYSTEM IMPROVEMENTS PHASE 3 - REPLACE SEWER & REHABILITATION	SSDP-SSO	34093540	S_SF_MF_30917_M_09_A__
CAMP TAYLOR SYSTEM IMPROVEMENTS PHASE 3 - REPLACE SEWER & REHABILITATION	SSDP-SSO	34093542	S_SF_MF_30917_M_09_A__
CAMP TAYLOR SYSTEM IMPROVEMENTS PHASE 3 - REPLACE SEWER & REHABILITATION	SSDP-SSO	KK14815019	S_SF_MF_30917_M_09_A__
CAMP TAYLOR SYSTEM IMPROVEMENTS PHASE 3 - REPLACE SEWER & REHABILITATION	SSDP-SSO	KK14855239	S_SF_MF_30917_M_09_A__
CAVEN AVENUE PS ELIMINATION	SSDP-SSO	17724	S_PO_WC_PC09_M_09B_C
CAVEN AVENUE PS ELIMINATION	SSDP-SSO	27116	S_PO_WC_PC09_M_09B_C
CAVEN AVENUE PS ELIMINATION	SSDP-SSO	61667	S_PO_WC_PC09_M_09B_C
CAVEN AVENUE PS ELIMINATION	SSDP-SSO	61687	S_PO_WC_PC09_M_09B_C
CAVEN AVENUE PS ELIMINATION	SSDP-SSO	70212	S_PO_WC_PC09_M_09B_C
CAVEN AVENUE PS ELIMINATION	SSDP-SSO	MSD0133-PS	S_PO_WC_PC09_M_09B_C
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO028	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO029	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO034	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO036	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO178	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO181	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO193	L_OR_MF_155_M_09B_B_B_4-1

PROJECT NAME	PROGRAM	ASSET ID	PROJECT ID
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO195	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO196	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO197	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO199	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO200-X	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO202	L_OR_MF_155_M_09B_B_B_4-1
CHARLESWOOD INTERCEPTOR EXTENSION	SSDP-SSO	25477	S_PO_WC_PC03_M_01_C
CHARLESWOOD INTERCEPTOR EXTENSION	SSDP-SSO	25479	S_PO_WC_PC03_M_01_C
CHARLESWOOD INTERCEPTOR EXTENSION	SSDP-SSO	25480	S_PO_WC_PC03_M_01_C
CHARLESWOOD INTERCEPTOR EXTENSION	SSDP-SSO	MSD0130-PS	S_PO_WC_PC03_M_01_C
CINDERELLA PS ELIMINATION	SSDP-SSO	102339	S_PO_WC_PC04_M_01_C
CINDERELLA PS ELIMINATION	SSDP-SSO	35309	S_PO_WC_PC04_M_01_C
CINDERELLA PS ELIMINATION	SSDP-SSO	60679	S_PO_WC_PC04_M_01_C
CINDERELLA PS ELIMINATION	SSDP-SSO	SSPSDG-CIND	S_PO_WC_PC04_M_01_C
CLIFTON HEIGHTS STORAGE BASIN	LTCP-CSO	CSO083-M	L_MU_MF_154_M_09B_B_A_8
CLIFTON HEIGHTS STORAGE BASIN	LTCP-CSO	CSO088	L_MU_MF_154_M_09B_B_A_8
CLIFTON HEIGHTS STORAGE BASIN	LTCP-CSO	CSO131	L_MU_MF_154_M_09B_B_A_8
CLIFTON HEIGHTS STORAGE BASIN	LTCP-CSO	CSO132-M	L_MU_MF_154_M_09B_B_A_8
CLIFTON HEIGHTS STORAGE BASIN	LTCP-CSO	CSO154-M	L_MU_MF_154_M_09B_B_A_8
CLIFTON HEIGHTS STORAGE BASIN	LTCP-CSO	CSO167-M	L_MU_MF_154_M_09B_B_A_8
CSO058 IN-LINE STORAGE & GREEN INFRASTRUCTURE	LTCP-CSO	CSO058	L_OR_MF_058_S_08_A_A_0
CSO093 STRUCTURAL MODIFICATIONS & GREEN INFRASTRUCTURE	LTCP-CSO	CSO093	L_SO_MF_093_S_08_A_A_0
CSO108 DAM MODIFICATION	LTCP-CSO	CSO108	L_SO_MF_108_S_09A_B_A_4
CSO140 IN-LINE STORAGE & GREEN INFRASTRUCTURE	LTCP-CSO	CSO140-M	L_MI_MF_140_S_08_A_A_0
CSO160 SEWER SEPARATION	LTCP-CSO	CSO160	L_OR_MF_160_S_08_A_A_0
CSO190 GREEN INFRASTRUCTURE (FORMERLY 18TH & NORTHWESTERN PKWY STORAGE BASIN)	LTCP-CSO	CSO190	L_OR_MF_190_S_09B_B_A_8
CSO206 SEWER SEPARATION	LTCP-CSO	CSO206-X	L_MI_MF_206_S_08_A_A_0
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	104289	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28249	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28250	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28336	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28340	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28413	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28414	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28415	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28416	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28417	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28451	S_JT_JT_NB02_M_01_C

PROJECT NAME	PROGRAM	ASSET ID	PROJECT ID
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28452	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28453	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28711	S_JT_JT_NB02_M_01_C
DEREK R GUTHRIE WQTC UPGRADES	ISSDP	1256312700A	DEREK R GUTHRIE WQTC UPGRADES
DEREK R GUTHRIE WQTC UPGRADES	ISSDP	22307	DEREK R GUTHRIE WQTC UPGRADES
DEREK R GUTHRIE WQTC UPGRADES	ISSDP	22370	DEREK R GUTHRIE WQTC UPGRADES
DEREK R GUTHRIE WQTC UPGRADES	ISSDP	22385	DEREK R GUTHRIE WQTC UPGRADES
DEREK R GUTHRIE WQTC UPGRADES	ISSDP	32682	DEREK R GUTHRIE WQTC UPGRADES
DEREK R GUTHRIE WQTC UPGRADES	ISSDP	32688	DEREK R GUTHRIE WQTC UPGRADES
DEREK R GUTHRIE WQTC UPGRADES	ISSDP	59169	DEREK R GUTHRIE WQTC UPGRADES
DEREK R GUTHRIE WQTC UPGRADES	ISSDP	WQTCDG	DEREK R GUTHRIE WQTC UPGRADES
DERINGTON CT PS I&I INVESTIGATION & REHABILITATION	SSDP-SSO	20154-W	S_OR_MF_NB03_S_07_C
DERINGTON CT PS I&I INVESTIGATION & REHABILITATION	SSDP-SSO	20155	S_OR_MF_NB03_S_07_C
DERINGTON CT PS I&I INVESTIGATION & REHABILITATION	SSDP-SSO	SSPSMF-DERI	S_OR_MF_NB03_S_07_C
EAST ROCKFORD PS RELOCATION	SSDP-SSO	04699-W	S_MC_WC_NB02_S_03_C
EAST ROCKFORD PS RELOCATION	SSDP-SSO	90380	S_MC_WC_NB02_S_03_C
EDEN CARE PS SSO INVESTIGATION	SSDP-SSO	SSPSFF-EDEC	S_FF_FF_NB02_S_13_C
EDSEL PS I&I INVESTIGATION & REHABILITATION	SSDP-SSO	92098	S_PO_WC_PC11_M_07_C
EDSEL PS I&I INVESTIGATION & REHABILITATION	SSDP-SSO	92099	S_PO_WC_PC11_M_07_C
EDSEL PS I&I INVESTIGATION & REHABILITATION	SSDP-SSO	94009	S_PO_WC_PC11_M_07_C
EDSEL PS I&I INVESTIGATION & REHABILITATION	SSDP-SSO	SSPSDG-EDSE	S_PO_WC_PC11_M_07_C
ELIMINATION OF CHENOWETH HILLS WQTC, CHENOWETH RUN PUMP STATION, AND CHIPPEWA PUMP STATION	SSDP-SSO	64096	S_JT_JT_NB01A_M_03_C
ELIMINATION OF CHENOWETH HILLS WQTC, CHENOWETH RUN PUMP STATION, AND CHIPPEWA PUMP STATION	SSDP-SSO	86052	S_JT_JT_NB01A_M_03_C
ELIMINATION OF CHENOWETH HILLS WQTC, CHENOWETH RUN PUMP STATION, AND CHIPPEWA PUMP STATION	SSDP-SSO	92061	S_JT_JT_NB01A_M_03_C
ELIMINATION OF CHENOWETH HILLS WQTC, CHENOWETH RUN PUMP STATION, AND CHIPPEWA PUMP STATION	SSDP-SSO	MSD0196-PS	S_JT_JT_NB01A_M_03_C
ELIMINATION OF CHENOWETH HILLS WQTC, CHENOWETH RUN PUMP STATION, AND CHIPPEWA PUMP STATION	SSDP-SSO	MSD0263	S_JT_JT_NB01A_M_03_C
ELIMINATION OF CHENOWETH HILLS WQTC, CHENOWETH RUN PUMP STATION, AND CHIPPEWA PUMP STATION	SSDP-SSO	MSD0263A-PS	S_JT_JT_NB01A_M_03_C
ELIMINATION OF CHENOWETH HILLS WQTC, CHENOWETH RUN PUMP STATION, AND CHIPPEWA PUMP STATION	SSDP-SSO	MSD1043-PS	S_JT_JT_NB01A_M_03_C
FAIRMOUNT RD PS IMPROVEMENTS	SSO	97362	S_FF_CC_81316_M_03_C_A
FAIRMOUNT ROAD PS IMPROVEMENTS	SSDP-SSO	116106	S_FF_CC_81316_M_03_C_A_1
FAIRMOUNT ROAD PS IMPROVEMENTS	SSDP-SSO	81316	S_FF_CC_81316_M_03_C_A_1
FAIRMOUNT ROAD PS IMPROVEMENTS	SSDP-SSO	97363	S_FF_CC_81316_M_03_C_A_1
FAIRMOUNT ROAD PS IMPROVEMENTS	SSDP-SSO	97365	S_FF_CC_81316_M_03_C_A_1
FAIRWAY VIEW PS IMPROVEMENTS	SSDP-SSO	SSPSHC-FWVI	S_HC_HS_NB01_S_03_C_A
FLOYDSBURG RD I&I INVEST	SSDP-SSO	108953	S_HC_HC_MSD1086_M_07_C_A
FLOYDSBURG RD I&I INVEST	SSDP-SSO	108956	S_HC_HC_MSD1086_M_07_C_A
FLOYDSBURG RD I&I INVEST	SSDP-SSO	108957	S_HC_HC_MSD1086_M_07_C_A
FLOYDSBURG RD I&I INVEST	SSDP-SSO	108958	S_HC_HC_MSD1086_M_07_C_A

PROJECT NAME	PROGRAM	ASSET ID	PROJECT ID
FLOYDSBURG RD I&I INVEST	SSDP-SSO	90776	S_HC_HC_MSD1086_M_07_C_A
FLOYDSBURG RD I&I INVEST	SSDP-SSO	SSPSHC-FLBR	S_HC_HC_MSD1086_M_07_C_A
GOOSE CREEK PS IMPROVEMENTS AND WET WEATHER STORAGE 1 – DEVONDALE PS AND BANCROFT WQTC ELIMINATION	SSDP-SSO	117721	S_MI_MF_NB04_M_03_B-1
GOOSE CREEK PS IMPROVEMENTS AND WET WEATHER STORAGE 1 – DEVONDALE PS AND BANCROFT WQTC ELIMINATION	SSDP-SSO	43472	S_MI_MF_NB04_M_03_B-1
GOOSE CREEK PS IMPROVEMENTS AND WET WEATHER STORAGE 1 – DEVONDALE PS AND BANCROFT WQTC ELIMINATION	SSDP-SSO	46891	S_MI_MF_NB04_M_03_B-1
GOOSE CREEK PS IMPROVEMENTS AND WET WEATHER STORAGE 1 – DEVONDALE PS AND BANCROFT WQTC ELIMINATION	SSDP-SSO	62418	S_MI_MF_NB04_M_03_B-1
GOOSE CREEK PS IMPROVEMENTS AND WET WEATHER STORAGE 1 – DEVONDALE PS AND BANCROFT WQTC ELIMINATION	SSDP-SSO	62420	S_MI_MF_NB04_M_03_B-1
GOOSE CREEK PS IMPROVEMENTS AND WET WEATHER STORAGE 1 – DEVONDALE PS AND BANCROFT WQTC ELIMINATION	SSDP-SSO	MSD0040-PS	S_MI_MF_NB04_M_03_B-1
GOOSE CREEK PS IMPROVEMENTS AND WET WEATHER STORAGE 1 – DEVONDALE PS AND BANCROFT WQTC ELIMINATION	SSDP-SSO	SSPSMF-SADR	S_MI_MF_NB04_M_03_B-1
GOOSE CREEK PS IMPROVEMENTS AND WET WEATHER STORAGE 2 - PS & FM UPGRADE	SSDP-SSO	105936	S_MI_MF_NB04_M_03_B-2
GOOSE CREEK PS IMPROVEMENTS AND WET WEATHER STORAGE 2 - PS & FM UPGRADE	SSDP-SSO	91629	S_MI_MF_NB04_M_03_B-2
GOOSE CREEK PS IMPROVEMENTS AND WET WEATHER STORAGE 2 - PS & FM UPGRADE	SSDP-SSO	91630	S_MI_MF_NB04_M_03_B-2
GOVERNMENT CENTER PS ELIMINATION	SSDP-SSO	94541	S_PO_WC_PC06_M_01_C
GOVERNMENT CENTER PS ELIMINATION	SSDP-SSO	94542	S_PO_WC_PC06_M_01_C
GOVERNMENT CENTER PS ELIMINATION	SSDP-SSO	MSD0180-PS	S_PO_WC_PC06_M_01_C
GUNPOWDER PS ELIMINATION	SSDP-SSO	SSPSHC-BEAV	S_HC_HN_NB02_S_09A_C_B
GUNPOWDER PS ELIMINATION	SSDP-SSO	SSPSHC-GUNP	S_HC_HN_NB02_S_09A_C_B
HAZELWOOD PS I&I INVESTIGATION & REHABILITATION	SSDP-SSO	55665	S_MC_MF_55665_S_07_C
HAZELWOOD PS I&I INVESTIGATION & REHABILITATION	SSDP-SSO	55667	S_MC_MF_55665_S_07_C
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	17571	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	18134	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	18297	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	18298	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	18299	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	18302	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	18318-W	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	18370	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	18434	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	18471	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	18483	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	18505	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	18595	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	47960A	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	48885	HIKES LN INTER & HIGHGATE SPR

PROJECT NAME	PROGRAM	ASSET ID	PROJECT ID
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	48886	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	48888	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	48897	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	49224	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	49236	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	49672	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	49673	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	73111	HIKES LN INTER & HIGHGATE SPR
HIKES LANE INTERCEPTOR & HIGHGATE SPRINGS PS	ISSDP	MSD0012-PS	HIKES LN INTER & HIGHGATE SPR
HURSTBOURNE I/I INVESTIGATION & REHABILITATION	SSDP-SSO	01793	S_MI_MF_NB07_S_07_C
HURSTBOURNE I/I INVESTIGATION & REHABILITATION	SSDP-SSO	47650	S_MI_MF_NB07_S_07_C
HURSTBOURNE I/I INVESTIGATION & REHABILITATION	SSDP-SSO	47656	S_MI_MF_NB07_S_07_C
HURSTBOURNE I/I INVESTIGATION & REHABILITATION	SSDP-SSO	67535	S_MI_MF_NB07_S_07_C
IDLEWOOD IN-LINE STORAGE	SSDP-SSO	28984	S_CC_CC_70158_M_09A_C
IDLEWOOD IN-LINE STORAGE	SSDP-SSO	28985	S_CC_CC_70158_M_09A_C
IDLEWOOD IN-LINE STORAGE	SSDP-SSO	28998	S_CC_CC_70158_M_09A_C
IDLEWOOD IN-LINE STORAGE	SSDP-SSO	63094	S_CC_CC_70158_M_09A_C
IDLEWOOD IN-LINE STORAGE	SSDP-SSO	63095	S_CC_CC_70158_M_09A_C
IDLEWOOD IN-LINE STORAGE	SSDP-SSO	70158	S_CC_CC_70158_M_09A_C
JEFFERSONTOWN WQTC ELIMINATION	SSDP-SSO	28173	S_JT_JT_NB01_M_01_C_A
JEFFERSONTOWN WQTC ELIMINATION	SSDP-SSO	28390	S_JT_JT_NB01_M_01_C_A
JEFFERSONTOWN WQTC ELIMINATION	SSDP-SSO	28391	S_JT_JT_NB01_M_01_C_A
JEFFERSONTOWN WQTC ELIMINATION	SSDP-SSO	28392	S_JT_JT_NB01_M_01_C_A
JEFFERSONTOWN WQTC ELIMINATION	SSDP-SSO	28395	S_JT_JT_NB01_M_01_C_A
JEFFERSONTOWN WQTC ELIMINATION	SSDP-SSO	28551	S_JT_JT_NB01_M_01_C_A
JEFFERSONTOWN WQTC ELIMINATION	SSDP-SSO	31733	S_JT_JT_NB01_M_01_C_A
JEFFERSONTOWN WQTC ELIMINATION	SSDP-SSO	64505	S_JT_JT_NB01_M_01_C_A
JEFFERSONTOWN WQTC ELIMINATION	SSDP-SSO	IS028-SI	S_JT_JT_NB01_M_01_C_A
JEFFERSONTOWN WQTC ELIMINATION	SSDP-SSO	MSD0255	S_JT_JT_NB01_M_01_C_A
KAVANAUGH RD PS ELIMINATION	SSDP-SSO	SSPSHC-KAVR	S_HC_HC_MSD1085_S_03_A
KLONDIKE INTERCEPTOR	SSDP-SSO	20644	S_SD_MF_NB04_S_01_B_A
KLONDIKE INTERCEPTOR	SSDP-SSO	25676	S_SD_MF_NB04_S_01_B_A
KLONDIKE INTERCEPTOR	SSDP-SSO	26650	S_SD_MF_NB04_S_01_B_A
KLONDIKE INTERCEPTOR	SSDP-SSO	26651	S_SD_MF_NB04_S_01_B_A
KLONDIKE INTERCEPTOR	SSDP-SSO	49513	S_SD_MF_NB04_S_01_B_A
KLONDIKE INTERCEPTOR	SSDP-SSO	66232	S_SD_MF_NB04_S_01_B_A
LAKE FOREST PS SSO INVESTIGATION	SSDP-SSO	MSD1169-LS	S_FF_LF_NB01_S_13_C_A
LANTANA PS ELIMINATION	AM	25484	AMLANTANAPS

PROJECT NAME	PROGRAM	ASSET ID	PROJECT ID
LANTANA PS ELIMINATION	AM	93719	AMLANTANAPS
LANTANA PS ELIMINATION	AM	SSPSDG-LAN1	AMLANTANAPS
LEAANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	19360	S_PO_WC_PC08_M_01_C
LEAANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	19369	S_PO_WC_PC08_M_01_C
LEAANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	29933	S_PO_WC_PC08_M_01_C
LEAANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	29943	S_PO_WC_PC08_M_01_C
LEAANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	29948	S_PO_WC_PC08_M_01_C
LEAANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	29949	S_PO_WC_PC08_M_01_C
LEAANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	31073	S_PO_WC_PC08_M_01_C
LEAANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	31074	S_PO_WC_PC08_M_01_C
LEAANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	31083	S_PO_WC_PC08_M_01_C
LEAANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	31084	S_PO_WC_PC08_M_01_C
LEAANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	57874	S_PO_WC_PC08_M_01_C
LEAANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	61266	S_PO_WC_PC08_M_01_C
LEAANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	79076	S_PO_WC_PC08_M_01_C
LEAANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	84926	S_PO_WC_PC08_M_01_C
LEAANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	SSPSDG-LANW	S_PO_WC_PC08_M_01_C
LEAANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	SSPSDG-PIRO	S_PO_WC_PC08_M_01_C
LELAND RD SSO INVESTIGATION	SSDP-SSO	96020	S_OR_MF_NB02_S_13_C
LEVEN PS ELIMINATION	SSDP-SSO	36419	S_PO_WC_PC10_M_01_C
LEVEN PS ELIMINATION	SSDP-SSO	SSPSDG-LEVE	S_PO_WC_PC10_M_01_C
LOGAN & BRECKINRIDGE ST STORAGE BASIN	LTCP-CSO	CSO091	L_SO_MF_092_M_09B_B_D_8
LOGAN & BRECKINRIDGE ST STORAGE BASIN	LTCP-CSO	CSO097	L_SO_MF_092_M_09B_B_D_8
LOGAN & BRECKINRIDGE ST STORAGE BASIN	LTCP-CSO	CSO106-X	L_SO_MF_092_M_09B_B_D_8
LOGAN & BRECKINRIDGE ST STORAGE BASIN	LTCP-CSO	CSO110-M	L_SO_MF_092_M_09B_B_D_8
LOGAN & BRECKINRIDGE ST STORAGE BASIN	LTCP-CSO	CSO111-M	L_SO_MF_092_M_09B_B_D_8
LOGAN & BRECKINRIDGE ST STORAGE BASIN	LTCP-CSO	CSO113	L_SO_MF_092_M_09B_B_D_8
LOGAN & BRECKINRIDGE ST STORAGE BASIN	LTCP-CSO	CSO137-X	L_SO_MF_092_M_09B_B_D_8
LOGAN & BRECKINRIDGE ST STORAGE BASIN	LTCP-CSO	CSO146-M	L_SO_MF_092_M_09B_B_D_8
LOGAN & BRECKINRIDGE ST STORAGE BASIN	LTCP-CSO	CSO148	L_SO_MF_092_M_09B_B_D_8
LOGAN & BRECKINRIDGE ST STORAGE BASIN	LTCP-CSO	CSO149-M	L_SO_MF_092_M_09B_B_D_8
LOGAN & BRECKINRIDGE ST STORAGE BASIN	LTCP-CSO	CSO151-M	L_SO_MF_092_M_09B_B_D_8
LOGAN & BRECKINRIDGE ST STORAGE BASIN	LTCP-CSO	CSO152-M	L_SO_MF_092_M_09B_B_D_8
MEADOW STREAM PS & FM UPGRADE	SSDP-SSO	91087	S_HC_HC_MSD1082_S_09A_C
MEADOW STREAM PS & FM UPGRADE	SSDP-SSO	SSPSHC-MEAS	S_HC_HC_MSD1082_S_09A_C
MELLWOOD SYSTEM IMPROVEMENTS AND PS ELIMINATIONS 1 - MELLWOOD PS AND FM IMPROVEMENTS	SSDP-SSO	24152-W	S_OR_MF_NB01_M_01_B-1
MELLWOOD SYSTEM IMPROVEMENTS AND PS ELIMINATIONS 1 - MELLWOOD PS AND FM IMPROVEMENTS	SSDP-SSO	24472	S_OR_MF_NB01_M_01_B-1
MELLWOOD SYSTEM IMPROVEMENTS AND PS ELIMINATIONS 1 - MELLWOOD PS AND FM IMPROVEMENTS	SSDP-SSO	40315	S_OR_MF_NB01_M_01_B-1

PROJECT NAME	PROGRAM	ASSET ID	PROJECT ID
MELLWOOD SYSTEM IMPROVEMENTS AND PS ELIMINATIONS 1 - MELLWOOD PS AND FM IMPROVEMENTS	SSDP-SSO	41374	S_OR_MF_NB01_M_01_B-1
MELLWOOD SYSTEM IMPROVEMENTS AND PS ELIMINATIONS 1 - MELLWOOD PS AND FM IMPROVEMENTS	SSDP-SSO	41416	S_OR_MF_NB01_M_01_B-1
MELLWOOD SYSTEM IMPROVEMENTS AND PS ELIMINATIONS 1 - MELLWOOD PS AND FM IMPROVEMENTS	SSDP-SSO	MSD0023-PS	S_OR_MF_NB01_M_01_B-1
MELLWOOD SYSTEM IMPROVEMENTS AND PS ELIMINATIONS 1 - MELLWOOD PS AND FM IMPROVEMENTS	SSDP-SSO	MSD0024-PS	S_OR_MF_NB01_M_01_B-1
MELLWOOD SYSTEM IMPROVEMENTS AND PS ELIMINATIONS 1 - MELLWOOD PS AND FM IMPROVEMENTS	SSDP-SSO	SSPSMF-JARL	S_OR_MF_NB01_M_01_B-1
MELLWOOD SYSTEM IMPROVEMENTS AND PS ELIMINATIONS 1 - MELLWOOD PS AND FM IMPROVEMENTS	SSDP-SSO	SSPSMF-MOVA	S_OR_MF_NB01_M_01_B-1
MELLWOOD SYSTEM IMPROVEMENTS AND PS ELIMINATIONS 1 - MELLWOOD PS AND FM IMPROVEMENTS	SSDP-SSO	SSPSMF-WINT	S_OR_MF_NB01_M_01_B-1
MELLWOOD SYSTEM IMPROVEMENTS AND PS ELIMINATIONS 2 - WINTON AVENUE AND MOCKINGBIRD VALLEY PS ELIMINATIONS	SSDP-SSO	26752	S_OR_MF_NB01_M_01_B-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE AND UMFPS DIVERSION 1 - BUECHEL BASIN	SSDP-SSO	IS022A-SI	S_MISF_MF_NB01_M_01_C_A1
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	02932	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	02933	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	02935	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	08537	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	08935-SM	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	115183	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	115184	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	115185	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	15194	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	15195	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	23211	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	23212	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	27005	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	27007	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	27008	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	27012	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	30376	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	40471	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	40471A	S_MISF_MF_NB01_M_01_C_A1-2

PROJECT NAME	PROGRAM	ASSET ID	PROJECT ID
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	40471C	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	40559	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	43726	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	45796	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	45829	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	45835	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	45900	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	46602107	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	47034	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	47582	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	47583	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	47593	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	47596	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	47603	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	47604	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	48864	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	51160	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	51161	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	51180	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	51221	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	65070	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	72288	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	72289	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	74512	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	74513	S_MISF_MF_NB01_M_01_C_A1-2

PROJECT NAME	PROGRAM	ASSET ID	PROJECT ID
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	74520	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	84155	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	90700	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	96672	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	96673	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	BU05074039	S_MISF_MF_NB01_M_01_C_A1-2
MIDDLE FORK RELIEF INTERCEPTOR, WET WEATHER STORAGE, UMFLS DIVERSION 2 – PS IMPROVEMENTS AND DIVERSION	SSDP-SSO	IS021A-SI	S_MISF_MF_NB01_M_01_C_A1-2
MONTICELLO PS ELIMINATION	SSDP-SSO	27969	S_JT_JT_NB04_M_01_A
MONTICELLO PS ELIMINATION	SSDP-SSO	MSD0151-PS	S_JT_JT_NB04_M_01_A
MORRIS FORMAN WQTC HEADWORKS (FORMERLY ALGONQUIN PKWY STORAGE BASIN)	LTCP-CSO	CSO211	L_OR_MF_211_M_13_B_A_8_
NIGHTINGALE PS REPLACEMENT & STORAGE	LTCP-CSO	CSO018	L_SO_MF_018_S_03_A_A
NORTHERN DITCH DIVERSION INTERCEPTOR	ISSDP	MSD0271	NORTHERN DITCH DIVERSION INTER
PARKVIEW ESTATES I&I INVESTIGATION	SSDP-SSO	47250	S_SD_MF_NB03_S_07_C
PORTLAND CSO STORAGE BASIN	LTCP-CSO	CSO019-M	L_OR_MF_019_S_13_B_A_8
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	16455	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	22436	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	40870	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	40871	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	40872	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	40879	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	40880	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	42675	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	42680	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	46600	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	46621	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	46623	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	46627	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	65606	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	65610	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	65623	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	65633	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	65635	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	89646	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	89791	S_OR_MF_NB04_M_03_B_B-1

PROJECT NAME	PROGRAM	ASSET ID	PROJECT ID
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	MSD0291	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	MSD0292	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	MSD1063-PS	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	SSPSMF-BALA	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	SSPSMF-GLHI	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	SSPSMF-MUFO	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	SSPSMF-NEWM	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	SSPSMF-PHHI	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 1 - WQTC ELIMINATIONS	SSDP-SSO	SSPSMF-WEGC	S_OR_MF_NB04_M_03_B_B-1
PROSPECT SYSTEM IMPROVEMENTS 3 - ORFM SYSTEM IMPROVEMENTS	SSDP-SSO	117953	S_OR_MF_NB04_M_03_B_B-3
PROSPECT SYSTEM IMPROVEMENTS 3 - ORFM SYSTEM IMPROVEMENTS	SSDP-SSO	117959	S_OR_MF_NB04_M_03_B_B-3
PROSPECT SYSTEM IMPROVEMENTS 3 - ORFM SYSTEM IMPROVEMENTS	SSDP-SSO	117960	S_OR_MF_NB04_M_03_B_B-3
PROSPECT SYSTEM IMPROVEMENTS 3 - ORFM SYSTEM IMPROVEMENTS	SSDP-SSO	117961	S_OR_MF_NB04_M_03_B_B-3
PROSPECT SYSTEM IMPROVEMENTS 3 - ORFM SYSTEM IMPROVEMENTS	SSDP-SSO	16456	S_OR_MF_NB04_M_03_B_B-3
PROSPECT SYSTEM IMPROVEMENTS 3 - ORFM SYSTEM IMPROVEMENTS	SSDP-SSO	89641	S_OR_MF_NB04_M_03_B_B-3
PROSPECT SYSTEM IMPROVEMENTS 3 - ORFM SYSTEM IMPROVEMENTS	SSDP-SSO	89790	S_OR_MF_NB04_M_03_B_B-3
RAINTREE DRIVE AND MARIAN COURT SYSTEM IMPROVEMENTS PHASE 1 - PUMP STATION ELIMINATION	SSDP-SSO	28729	S_JT_JT_NB03_M_01_C-1
RAINTREE DRIVE AND MARIAN COURT SYSTEM IMPROVEMENTS PHASE 1 - PUMP STATION ELIMINATION	SSDP-SSO	MSD0149-PS	S_JT_JT_NB03_M_01_C-1
RIDING RIDGE PS IMPROVEMENTS	SSDP-SSO	SSPSHC-RIDR	S_HC_HN_NB01_S_03_C_A
RUNNING FOX PS ELIMINATION	SSDP-SSO	MSD1080-LS	S_CC_CC_MSD1080_S_01_C
SHAWNEE FPS DWO ELIMINATION	LTCP-DWO	FLPS10	L_OR_MF_189_M_03_A_A
SHAWNEE FPS DWO ELIMINATION	LTCP-DWO	FLPSPR	L_OR_MF_189_M_03_A_A
SHAWNEE FPS DWO ELIMINATION	LTCP-DWO	FLPSSP	L_OR_MF_189_M_03_A_A
SHIVELY INTERCEPTOR	SSDP-SSO	04498	S_MC_WC_NB01_M_01_A
SHIVELY INTERCEPTOR	SSDP-SSO	04542	S_MC_WC_NB01_M_01_A
SHIVELY INTERCEPTOR	SSDP-SSO	81814-W	S_MC_WC_NB01_M_01_A
SHIVELY INTERCEPTOR	SSDP-SSO	MSD0016-PS	S_MC_WC_NB01_M_01_A
SHIVELY INTERCEPTOR	SSDP-SSO	MSD0043-PS	S_MC_WC_NB01_M_01_A
SHIVELY INTERCEPTOR	SSDP-SSO	MSD0044-PS	S_MC_WC_NB01_M_01_A
SHIVELY INTERCEPTOR	SSDP-SSO	MSD0047-PS	S_MC_WC_NB01_M_01_A
SHIVELY INTERCEPTOR	SSDP-SSO	MSD0049-PS	S_MC_WC_NB01_M_01_A
SHIVELY INTERCEPTOR	SSDP-SSO	MSD0050-PS	S_MC_WC_NB01_M_01_A
SINKING FORK INTERCEPTOR	ISSDP	21103	SINKING FORK RELIEF SEWER
SINKING FORK INTERCEPTOR	ISSDP	25012	SINKING FORK RELIEF SEWER
SINKING FORK INTERCEPTOR	ISSDP	63319	SINKING FORK RELIEF SEWER
SONNE PS I&I INVESTIGATION & REHABILITATION	SSDP-SSO	MSD0042-PS	S_OR_MF_42007_S_07_C
SOUTHEASTERN DIVERSION STRUCTURE & INTERCEPTOR	ISSDP	30680	SOUTHEASTERN DIVERSION STRUCT
SOUTHEASTERN DIVERSION STRUCTURE & INTERCEPTOR	ISSDP	30681	SOUTHEASTERN DIVERSION STRUCT

PROJECT NAME	PROGRAM	ASSET ID	PROJECT ID
SOUTHEASTERN DIVERSION STRUCTURE & INTERCEPTOR	ISSDP	30701	SOUTHEASTERN DIVERSION STRUCT
SOUTHEASTERN DIVERSION STRUCTURE & INTERCEPTOR	ISSDP	30702	SOUTHEASTERN DIVERSION STRUCT
SOUTHEASTERN DIVERSION STRUCTURE & INTERCEPTOR	ISSDP	30704	SOUTHEASTERN DIVERSION STRUCT
SOUTHEASTERN DIVERSION STRUCTURE & INTERCEPTOR	ISSDP	63779	SOUTHEASTERN DIVERSION STRUCT
SOUTHEASTERN DIVERSION STRUCTURE & INTERCEPTOR	ISSDP	72571-X	SOUTHEASTERN DIVERSION STRUCT
SOUTHERN OUTFALL IN-LINE STORAGE AT 43RD STREET (SOR1) (FORMERLY ALGONQUIN PKWY STORAGE BASIN)	LTCP-CSO	CSO016	L_OR_MF_211_M_13_B_A_8__
SOUTHERN OUTFALL IN-LINE STORAGE AT 43RD STREET (SOR1) (FORMERLY ALGONQUIN PKWY STORAGE BASIN)	LTCP-CSO	CSO210	L_OR_MF_211_M_13_B_A_8__
SOUTHWESTERN PKWY CSO BASIN	LTCP-CSO	CSO104-M	L_OR_MF_105_M_13_B_A_0
SOUTHWESTERN PKWY CSO BASIN	LTCP-CSO	CSO105-X	L_OR_MF_105_M_13_B_A_0
SOUTHWESTERN PKWY CSO BASIN	LTCP-CSO	CSO189-X	L_OR_MF_105_M_13_B_A_0
ST RENE RD PS ELIMINATION	SSDP-SSO	94187	S_FF_CH_NB01_S_09A_C_A
SUTHERLAND INTERCEPTOR	SSDP-SSO	16649	S_SD_MF_NB05_M_01_A
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO020-M	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO023	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO050-M	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO051-M	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO052-M	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO053	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO053-M	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO054	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO055	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO056	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO082-M	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO084-M	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO118-M	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO119	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO120-M	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO121	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO125-M	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO126	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO127-X	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO141	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO153-M	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO155-X	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO166-M	MULTIPLE
WOODLAND HILLS PS DIVERSION	SSDP-SSO	21506	S_FF_FF_NB01_S_01_C_A
WOODLAND HILLS PS DIVERSION	SSDP-SSO	33003	S_FF_FF_NB01_S_01_C_A
WOODLAND HILLS PS DIVERSION	SSDP-SSO	66516	S_FF_FF_NB01_S_01_C_A
WOODLAND HILLS PS DIVERSION	SSDP-SSO	65531	S_FF_FF_NB01_S_01_C_A

Appendix J Wet Weather Storage and Diversion to Treatment via RTC

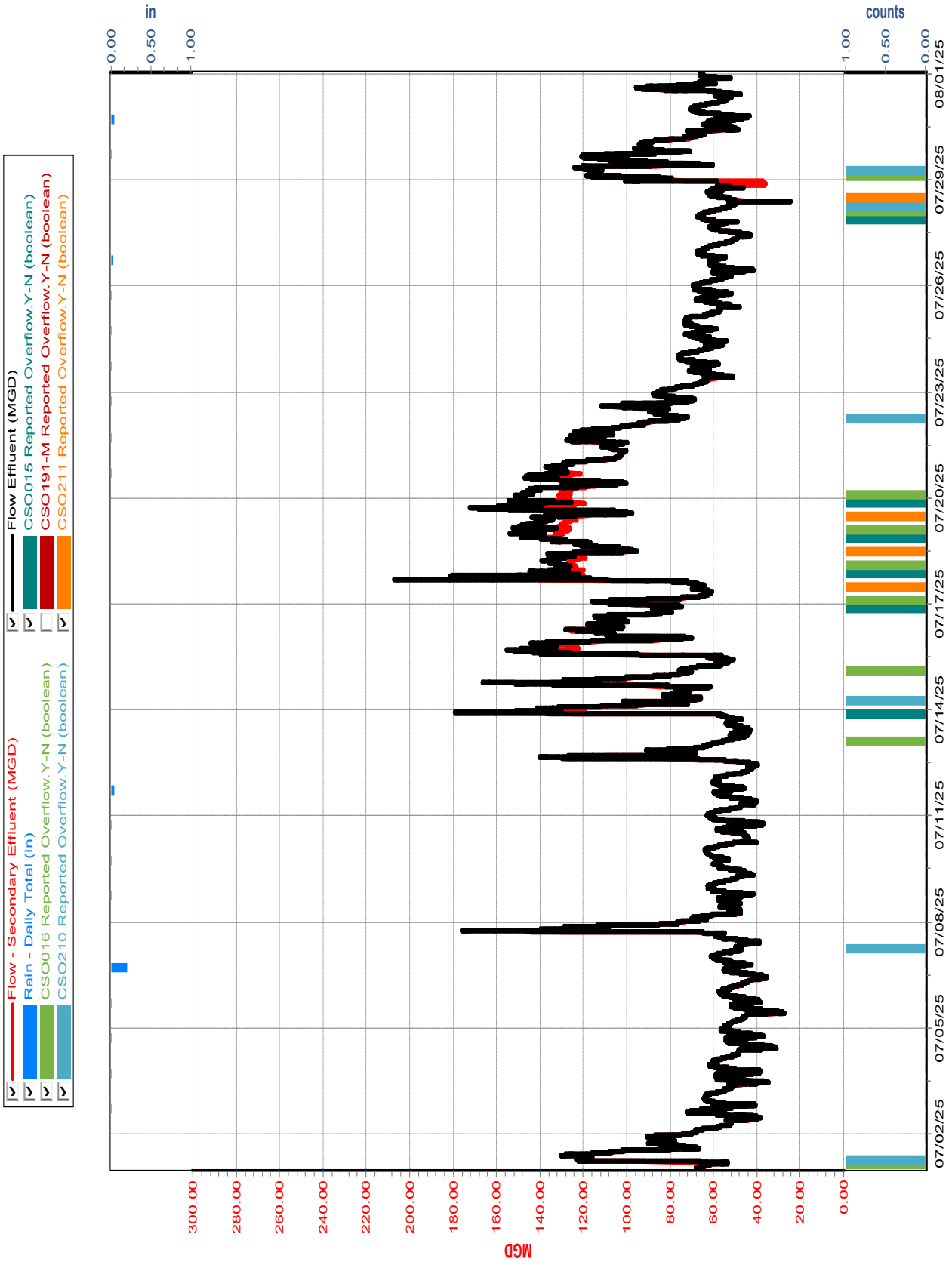
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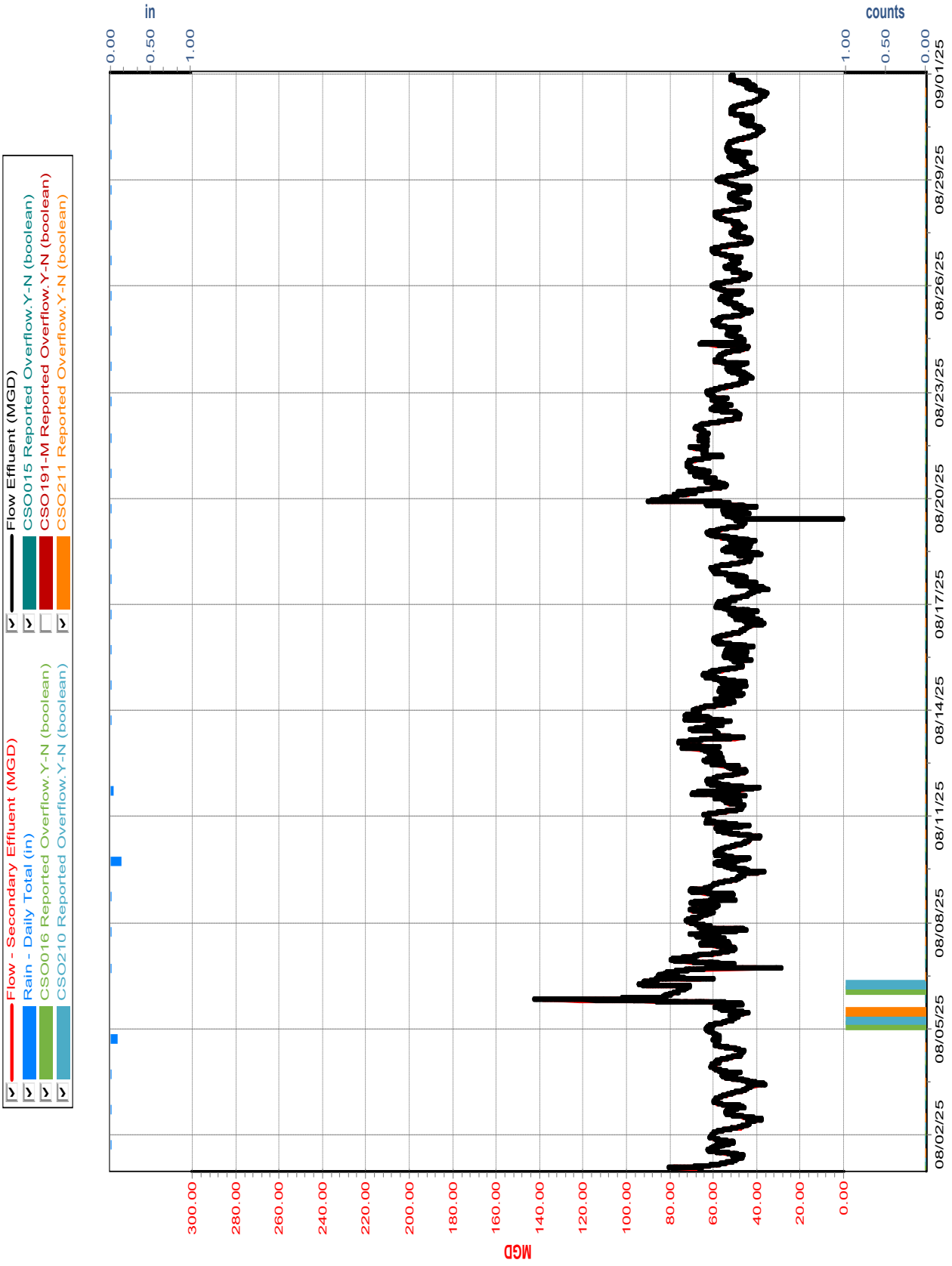
EVENT NUMBER	START DATE	END DATE	DURATION (H:MIN)	AVG TRFD (IN)	MAX TRFD (IN)	MAX RAIN GAUGE	TOTAL (MG)	HIGH RIVER LEVELS	DESCRIPTION
2025-055	7/1/2025 4:40	7/1/2025 20:05	15:25	0.28	0.47	TR12	31.58	No	
2025-056	7/7/2025 16:20	7/8/2025 0:45	8:25	0.07	0.14	TR05	9.72	No	
2025-057	7/12/2025 13:35	7/13/2025 9:50	20:15	0.15	0.31	TR11	13.47	No	
2025-058	7/13/2025 18:40	7/14/2025 6:30	11:50	0.31	0.59	TR15	46.31	No	
2025-059	7/14/2025 14:35	7/15/2025 1:15	10:40	0.22	0.96	TR04	13.34	No	
2025-060	7/15/2025 12:35	7/21/2025 22:05	153:30	3.66	5.02	TR15	820.22	No	test
2025-061	7/21/2025 22:05	7/22/2025 19:40	21:35				24.89	No	
2025-063	7/28/2025 19:30	7/30/2025 4:05	32:35	0.67	1.15	TR15	160.61	No	LOBA adjusted
2025-066	8/5/2025 13:30	8/6/2025 19:15	29:45	0.66	1.96	TR12	87.59	No	
2025-067	8/6/2025 19:15	8/8/2025 8:45	37:30	0.54	0.54	TR14	71.36	No	Volume from previous event.
2025-070	8/12/2025 19:20	8/13/2025 7:10	11:50	0.35	0.9	TR15	33.01	No	
2025-073	9/2/2025 17:50	9/3/2025 6:30	12:40	0.11	0.24	TR05	19.03	No	
2025-074	9/4/2025 2:35	9/4/2025 17:55	15:20	0.52	0.86	TR14	63.43	No	
2025-076	9/14/2025 2:05	9/14/2025 18:45	16:40	0.4	1.56	TR04	48.14	No	
2025-077	9/21/2025 10:40	9/22/2025 7:55	21:15	0.26	0.47	TR04	40.48	No	
2025-078	9/22/2025 7:55	9/23/2025 23:35	39:40	0.61	0.94	TR04	136.43	No	
2025-079	9/23/2025 23:45	9/26/2025 13:05	61:20	1.38	2.2	TR11	272.55	No	
2025-080	10/6/2025 9:15	10/11/2025 1:00	111:45	3.6	4.59	TR15	373.77	No	
2025-081	10/19/2025 2:05	10/27/2025 12:50	202:45	0.62	0.97	TR14	223.57	No	
2025-083	10/29/2025 2:25	11/1/2025 1:15	70:50	1.24	1.52	TR04	251.59	No	
2025-087	11/18/2025 3:35	11/20/2025 1:05	45:30	0.71	0.83	TR15	173.05	No	
2025-088	11/20/2025 14:50	11/22/2025 0:50	34:00	0.26	0.42	TR14	55.60	No	
2025-089	11/22/2025 0:50	11/22/2025 9:30	8:40	0.03	0.07	TR11	8.10	No	
2025-090	11/25/2025 2:25	11/28/2025 12:15	81:50	0.31	0.45	TR05	87.37	No	
2025-099	12/18/2025 12:10	12/21/2025 19:35	79:25	0.83	1.12	TR15	210.76	No	
2025-100	12/28/2025 21:50	12/30/2025 8:35	34:45	0.32	0.45	TR15	108.24	No	
2026-001	1/9/2026 4:30	1/9/2026 14:55	10:25	0.15	0.22	TR11	11.33	No	
2026-006	3/6/2026 13:05	3/7/2026 10:45	21:40	0.04	0.12	TR04	108.05	No	
2026-007	3/7/2026 10:45	3/8/2026 10:15	22:30	0.59	0.94	TR11	115.92	No	
2026-008	3/8/2026 10:15	3/11/2026 7:30	69:15	0.07	0.26	TR04	378.30	Yes	

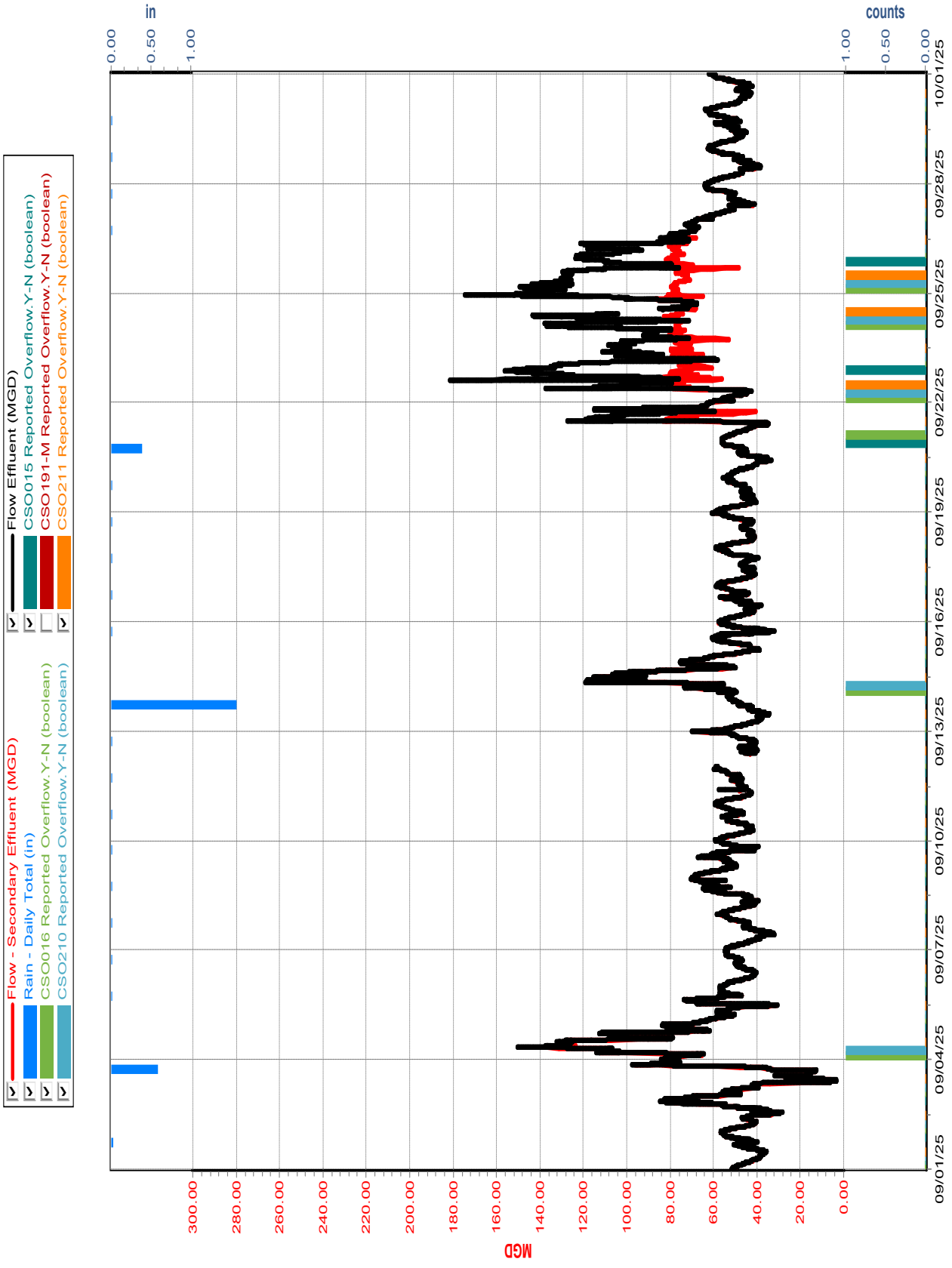
EVENT NUMBER	START DATE	END DATE	DURATION (H:MIN)	AVG TRFD (IN)	MAX TRFD (IN)	MAX RAIN GAUGE	TOTAL (MG)	HIGH RIVER LEVELS	DESCRIPTION
2026-009	3/11/2026 7:30	3/13/2026 2:25	42:55	0.37	0.57	TR15	129.12	No	
2026-010	3/15/2026 23:55	3/18/2026 5:55	54:00	0.66	0.95	TR14	241.16	No	
2026-012	3/27/2026 7:15	3/27/2026 17:20	10:05	0.2	0.29	TR15	32.81	No	
2026-016	4/4/2026 14:55	4/5/2026 5:45	14:50	0.29	0.39	TR15	51.12	No	
2026-019	4/24/2026 19:30	4/25/2026 13:25	17:55	0.46	0.59	TR11	55.56	No	
2026-020	4/27/2026 19:30	5/1/2026 12:30	89:00	2.47	3.29	TR15	368.61	No	
2026-022	5/5/2026 13:50	5/7/2026 10:40	44:50	0.55	0.92	TR12	190.34	No	
2026-023	5/16/2026 10:00	5/17/2026 16:25	30:25	0.26	0.77	TR05	100.07	No	
2026-024	5/18/2026 22:45	5/22/2026 0:10	73:25	1.12	2.03	TR05	335.10	No	
2026-025	5/22/2026 8:45	5/24/2026 11:55	51:10	1.57	2.19	TR11	250.09	No	Not fully dewatered before start of next rainfall event.
2026-026	5/24/2026 11:55	5/26/2026 8:25	44:30	0.3	0.81	TR15	288.05	No	
2026-027	5/26/2026 8:25	5/28/2026 21:45	61:20	0.6	0.83	TR14	324.97	No	
2026-031	46194.4444	46198	85:20	0.88	1.14	TR11	228.76	No	Start date modified to include a rainfall event undetected by the Rain Event Tracker (original start date 2026-06-22 10:40 AM)
Total							6,593.57		5

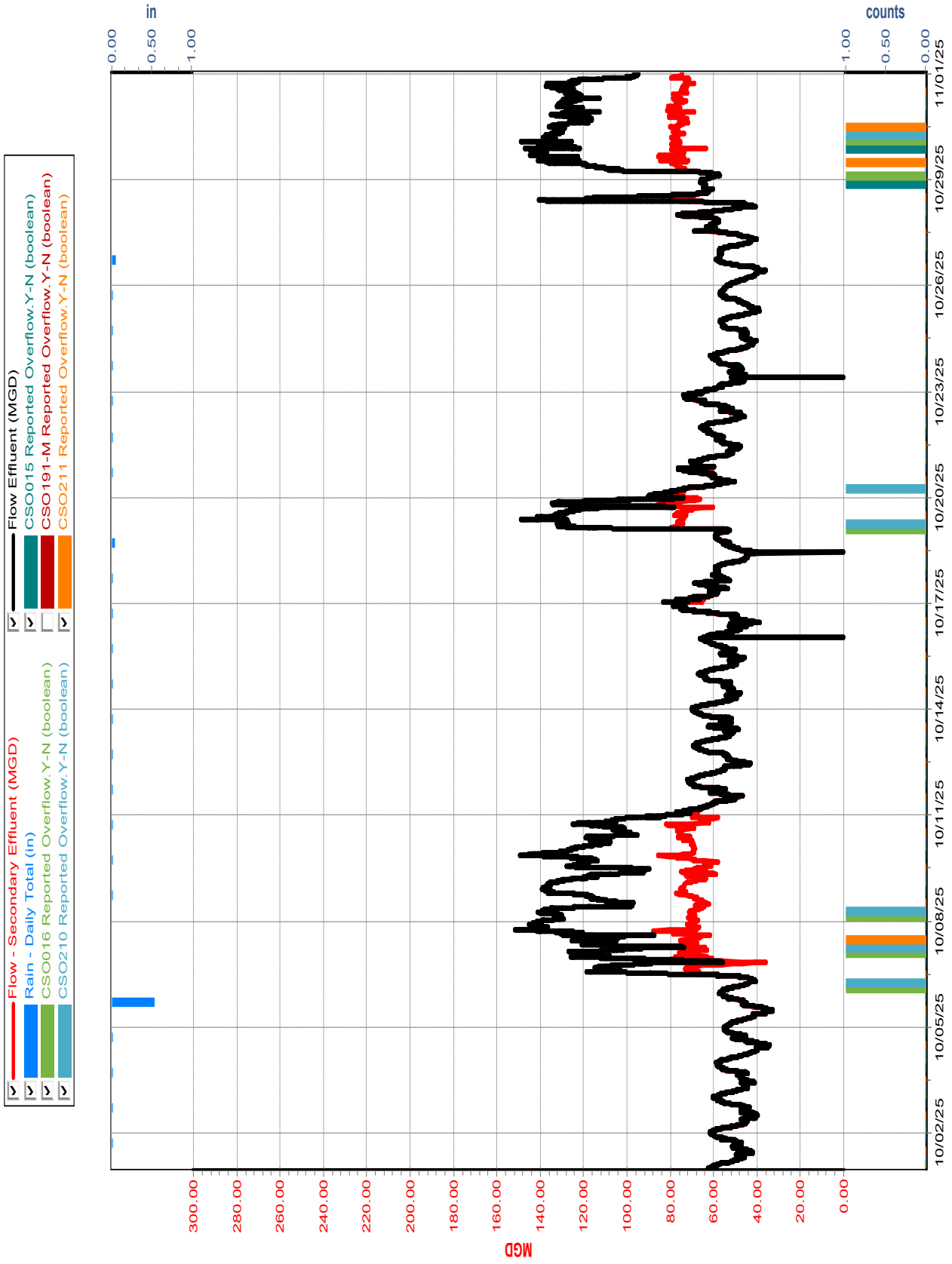
Appendix K Morris Forman Plant Flows and Associated CSO Activations

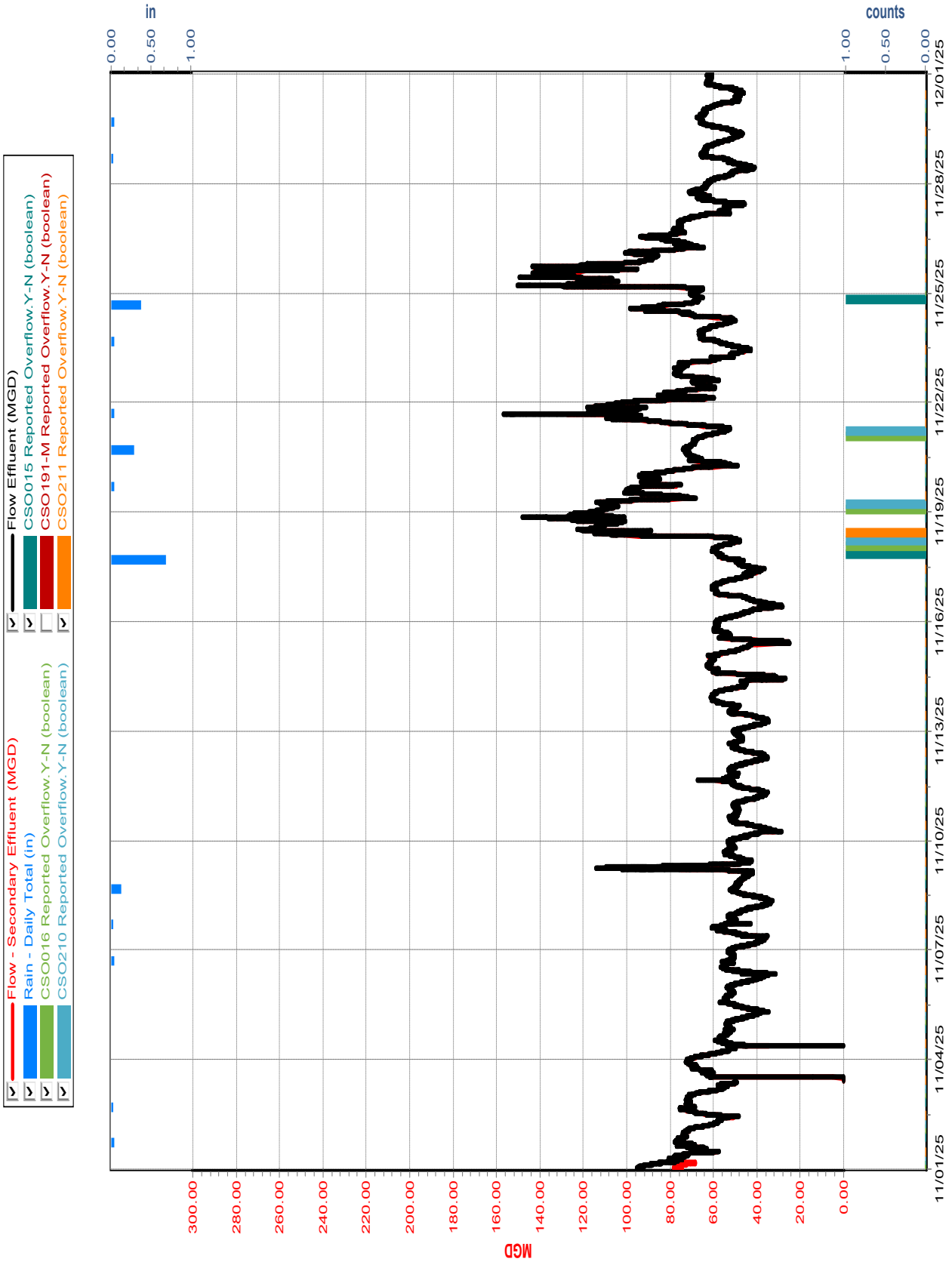
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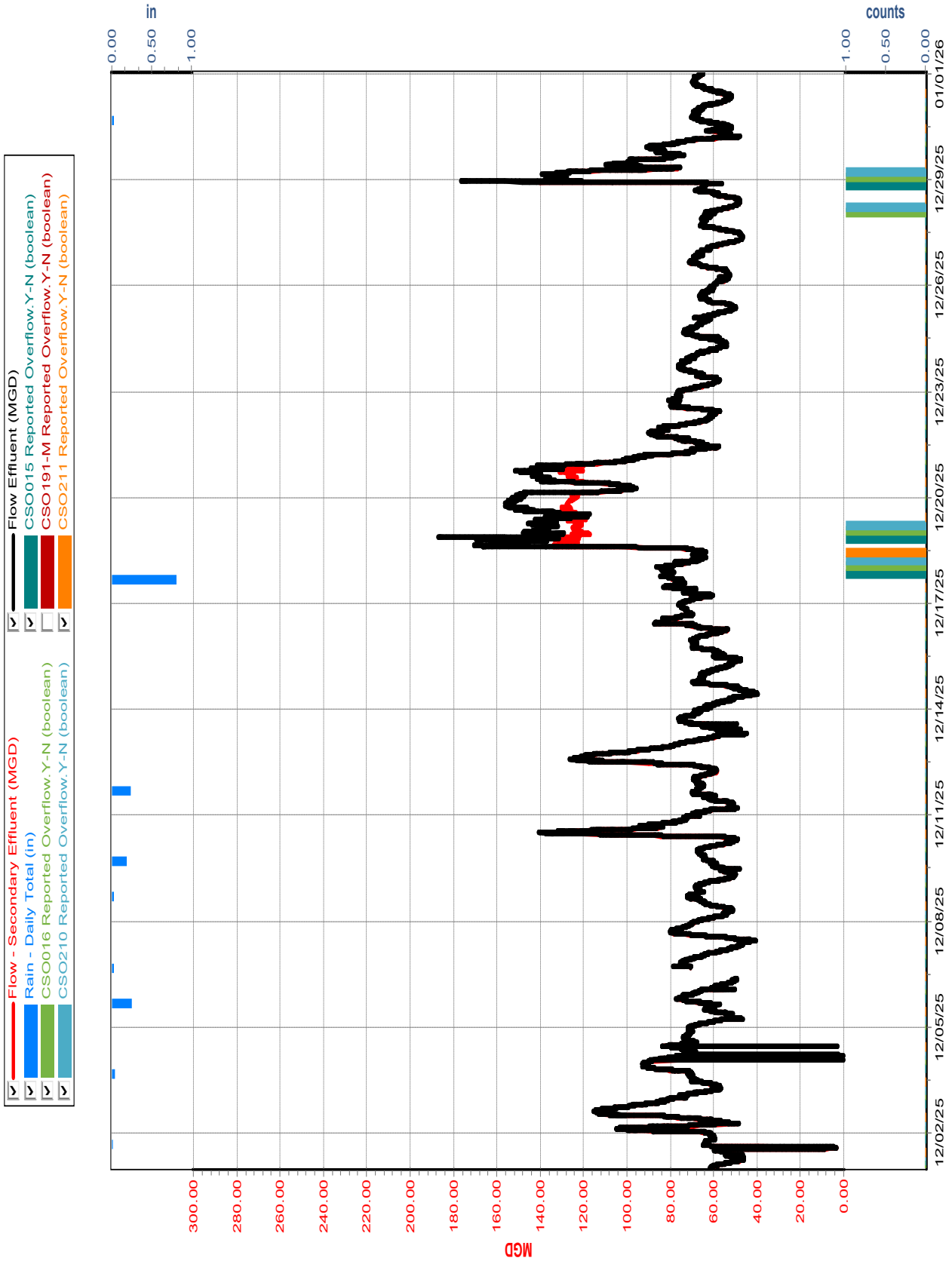

Flow - Secondary Effluent (MGD)
Rain - Daily Total (in)
CSO016 Reported Overflow.Y-N (boolean)
CSO210 Reported Overflow.Y-N (boolean)
Flow Effluent (MGD)
CSO015 Reported Overflow.Y-N (boolean)
CSO191-M Reported Overflow.Y-N (boolean)
CSO211 Reported Overflow.Y-N (boolean)
in
counts
MGD
0.00
0.50
1.00
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260.00
240.00
220.00
200.00
180.00
160.00
140.00
120.00
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07/02/25
07/05/25
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07/14/25
07/17/25
07/20/25
07/23/25
07/26/25
07/29/25
08/01/25

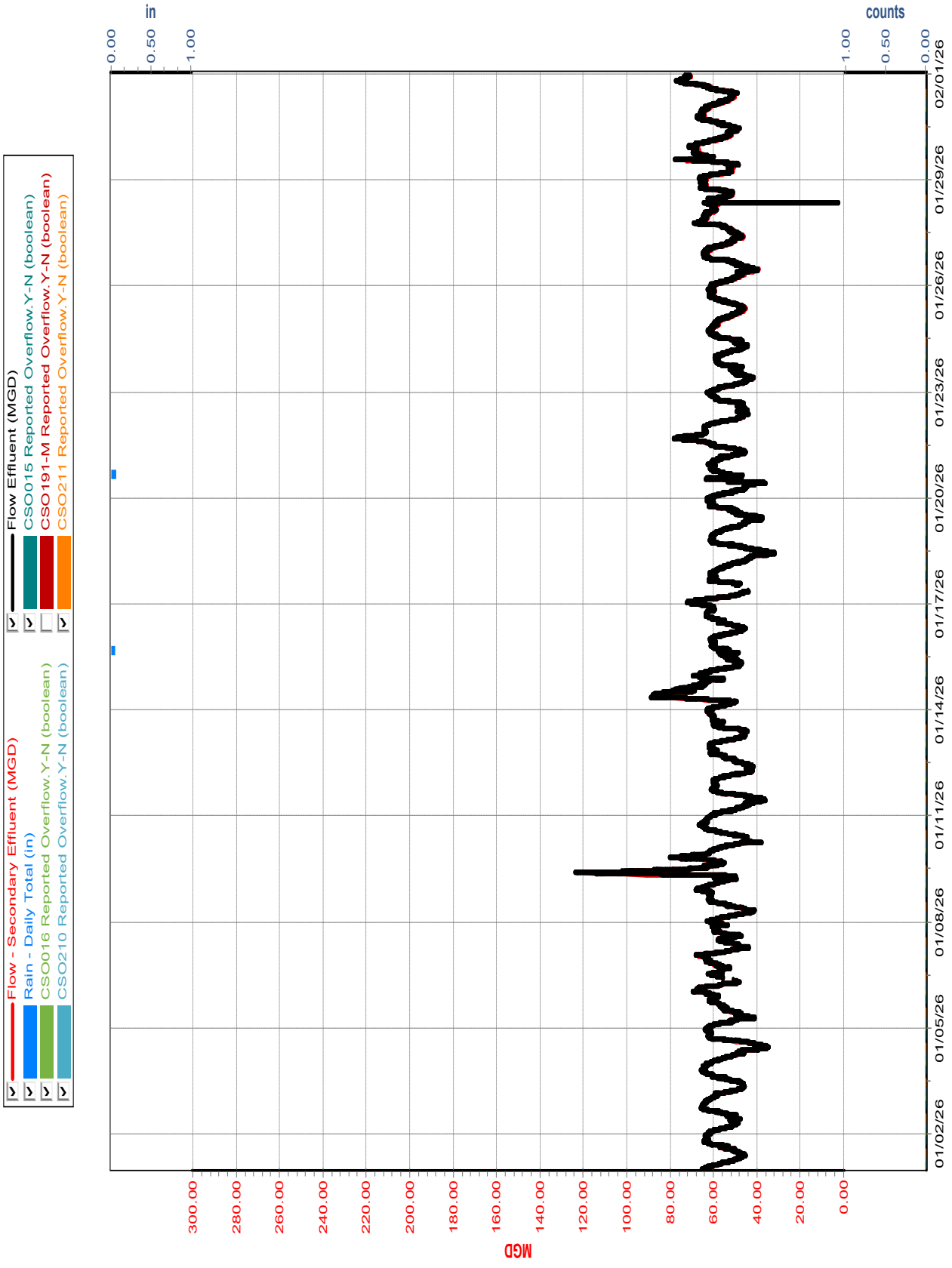

Flow Effluent (MGD)
CSO015 Reported Overflow.Y-N (boolean)
CSO191-M Reported Overflow.Y-N (boolean)
CSO211 Reported Overflow.Y-N (boolean)
Flow - Secondary Effluent (MGD)
Rain - Daily Total (in)
CSO016 Reported Overflow.Y-N (boolean)
CSO210 Reported Overflow.Y-N (boolean)
in
counts
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08/23/25
08/26/25
08/29/25
09/01/25

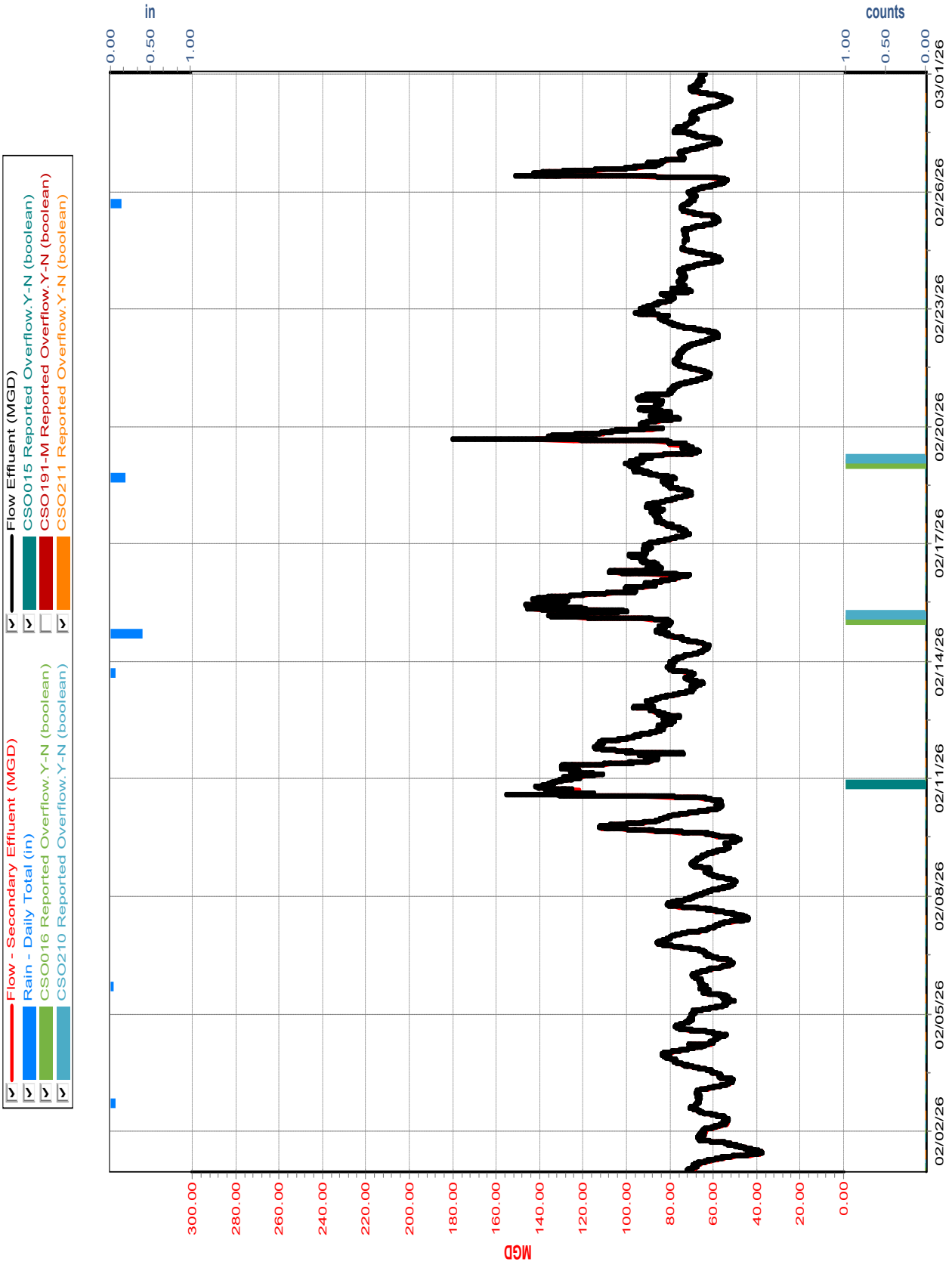

Flow - Secondary Effluent (MGD)
Rain - Daily Total (in)
CSO016 Reported Overflow.Y-N (boolean)
CSO210 Reported Overflow.Y-N (boolean)
Flow Effluent (MGD)
CSO015 Reported Overflow.Y-N (boolean)
CSO191-M Reported Overflow.Y-N (boolean)
CSO211 Reported Overflow.Y-N (boolean)
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counts
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09/04/25
09/07/25
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09/19/25
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09/25/25
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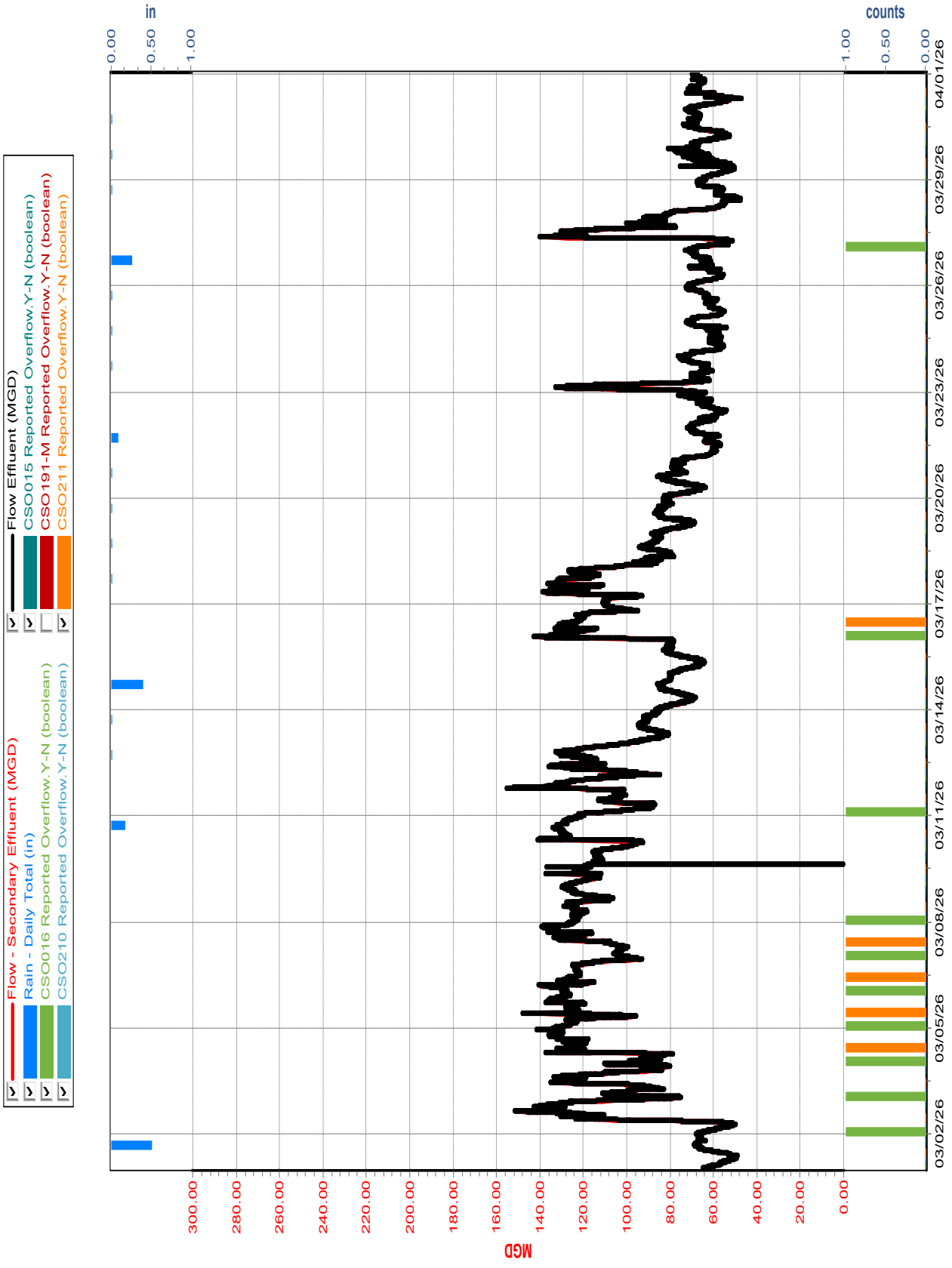

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counts
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Flow Effluent (MGD)
CSO015 Reported Overflow.Y-N (boolean)
CSO191-M Reported Overflow.Y-N (boolean)
CSO211 Reported Overflow.Y-N (boolean)
Flow - Secondary Effluent (MGD)
Rain - Daily Total (in)
CSO016 Reported Overflow.Y-N (boolean)
CSO210 Reported Overflow.Y-N (boolean)
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MGD

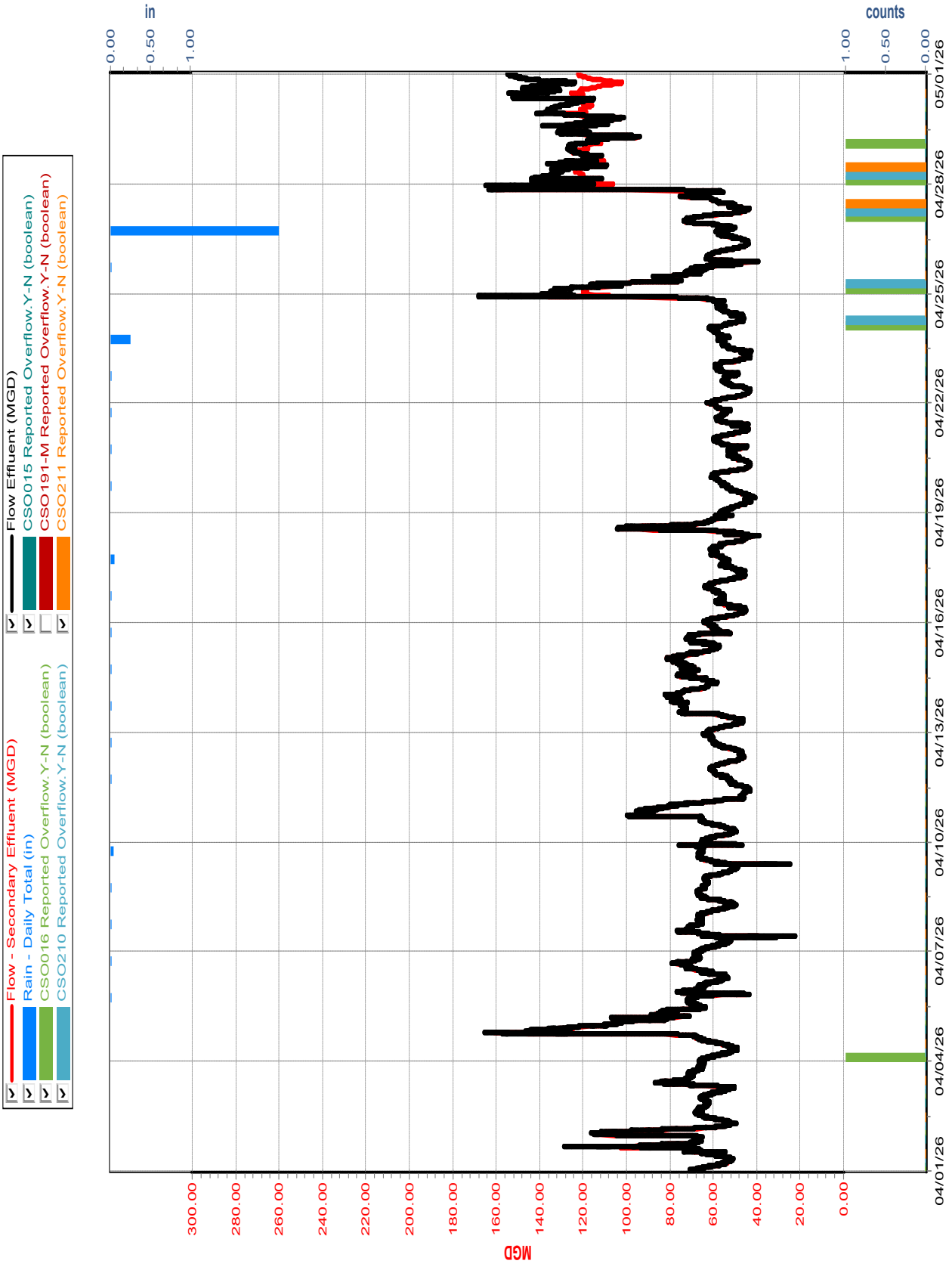

Flow - Secondary Effluent (MGD)
Rain - Daily Total (in)
CSO016 Reported Overflow.Y-N (boolean)
CSO210 Reported Overflow.Y-N (boolean)
Flow Effluent (MGD)
CSO015 Reported Overflow.Y-N (boolean)
CSO191-M Reported Overflow.Y-N (boolean)
CSO211 Reported Overflow.Y-N (boolean)
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11/28/25
12/01/25

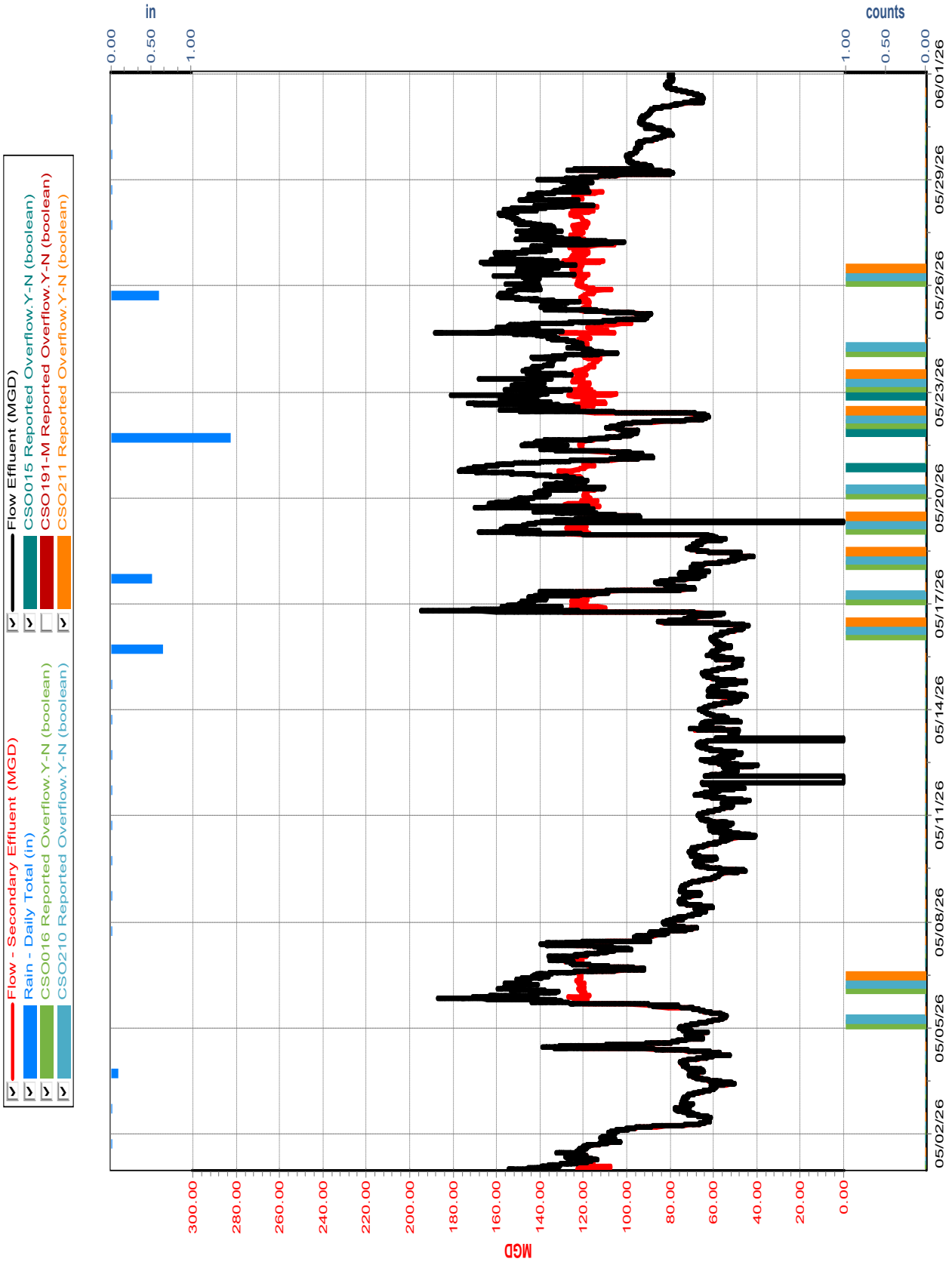

Flow - Secondary Effluent (MGD)
Rain - Daily Total (in)
CSO016 Reported Overflow.Y-N (boolean)
CSO210 Reported Overflow.Y-N (boolean)
Flow Effluent (MGD)
CSO015 Reported Overflow.Y-N (boolean)
CSO191-M Reported Overflow.Y-N (boolean)
CSO211 Reported Overflow.Y-N (boolean)
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12/23/25
12/26/25
12/29/25
01/01/26

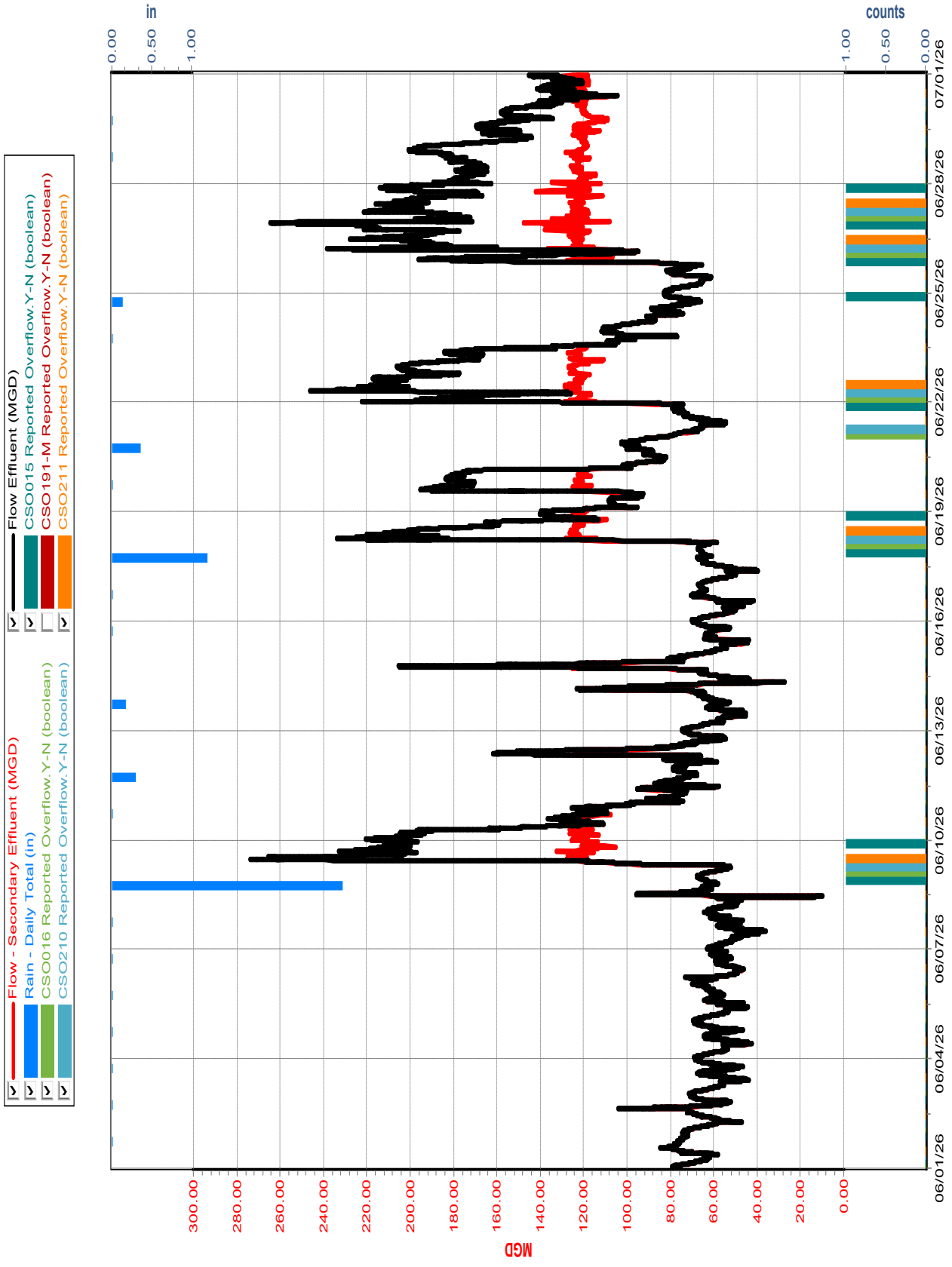

Flow - Secondary Effluent (MGD)
Rain - Daily Total (in)
CSO016 Reported Overflow.Y-N (boolean)
CSO210 Reported Overflow.Y-N (boolean)
Flow Effluent (MGD)
CSO015 Reported Overflow.Y-N (boolean)
CSO191-M Reported Overflow.Y-N (boolean)
CSO211 Reported Overflow.Y-N (boolean)
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02/01/26


Flow Effluent (MGD)
CSO015 Reported Overflow.Y-N (boolean)
CSO191-M Reported Overflow.Y-N (boolean)
CSO211 Reported Overflow.Y-N (boolean)
Flow - Secondary Effluent (MGD)
Rain - Daily Total (in)
CSO016 Reported Overflow.Y-N (boolean)
CSO210 Reported Overflow.Y-N (boolean)
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02/26/26
03/01/26


Flow Effluent (MGD)
CSO015 Reported Overflow.Y-N (boolean)
CSO191-M Reported Overflow.Y-N (boolean)
CSO211 Reported Overflow.Y-N (boolean)
Flow - Secondary Effluent (MGD)
Rain - Daily Total (in)
CSO016 Reported Overflow.Y-N (boolean)
CSO210 Reported Overflow.Y-N (boolean)
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03/20/26
03/17/26
03/14/26
03/11/26
03/08/26
03/05/26
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MGD


Flow Effluent (MGD)
CSO015 Reported Overflow.Y-N (boolean)
CSO191-M Reported Overflow.Y-N (boolean)
CSO211 Reported Overflow.Y-N (boolean)
Flow - Secondary Effluent (MGD)
Rain - Daily Total (in)
CSO016 Reported Overflow.Y-N (boolean)
CSO210 Reported Overflow.Y-N (boolean)
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04/16/26
04/19/26
04/22/26
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04/28/26
05/01/26


in
counts
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Flow Effluent (MGD)
CSO015 Reported Overflow.Y-N (boolean)
CSO191-M Reported Overflow.Y-N (boolean)
CSO211 Reported Overflow.Y-N (boolean)
Flow - Secondary Effluent (MGD)
Rain - Daily Total (in)
CSO016 Reported Overflow.Y-N (boolean)
CSO210 Reported Overflow.Y-N (boolean)
06/01/26
05/29/26
05/26/26
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MGD


in
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Flow Effluent (MGD)
CSO015 Reported Overflow.Y-N (boolean)
CSO191-M Reported Overflow.Y-N (boolean)
CSO211 Reported Overflow.Y-N (boolean)
Flow - Secondary Effluent (MGD)
Rain - Daily Total (in)
CSO016 Reported Overflow.Y-N (boolean)
CSO210 Reported Overflow.Y-N (boolean)
06/01/26
06/04/26
06/07/26
06/10/26
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06/19/26
06/22/26
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MGD

Appendix L Organizational Chart

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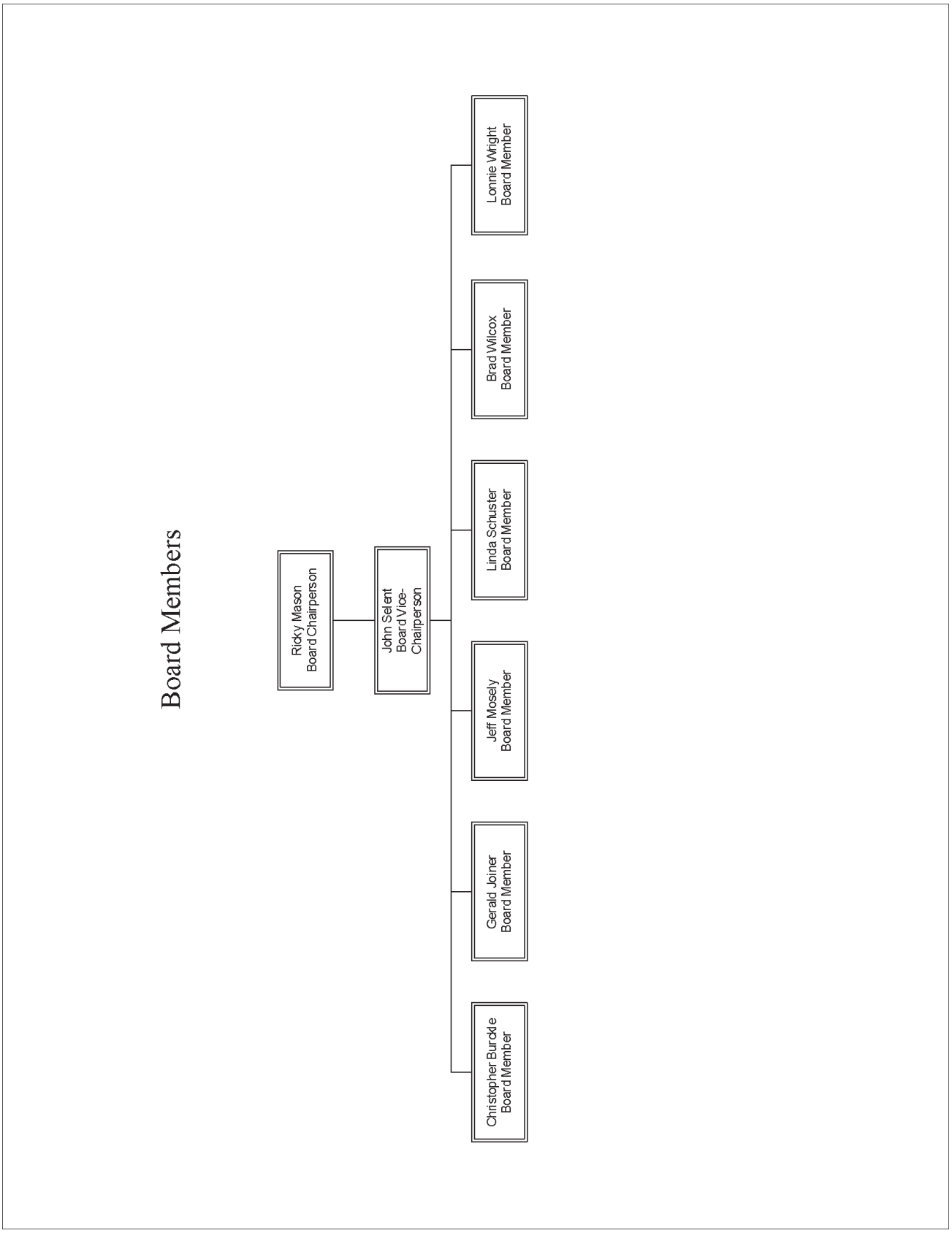


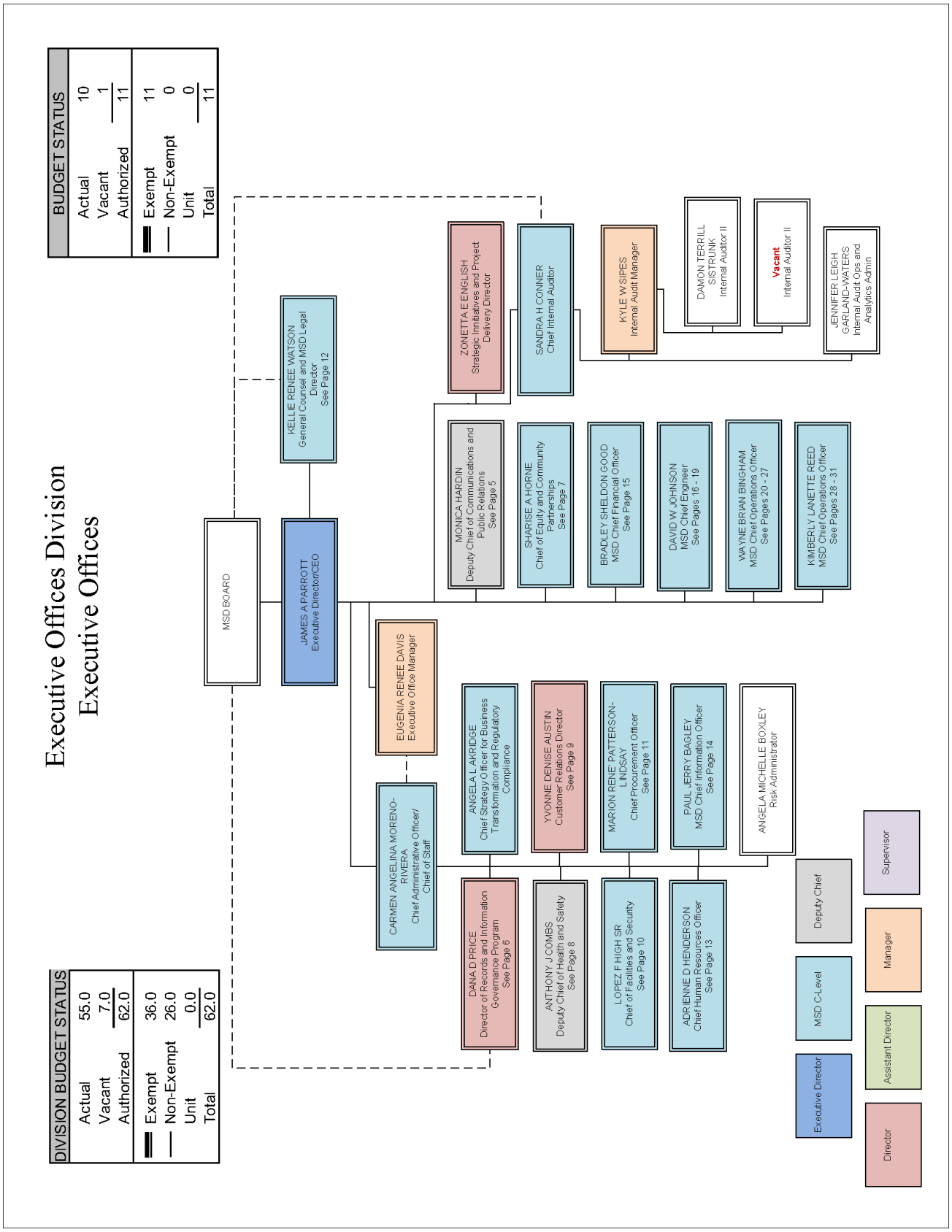
Louisville and Jefferson County
Metropolitan Sewer District

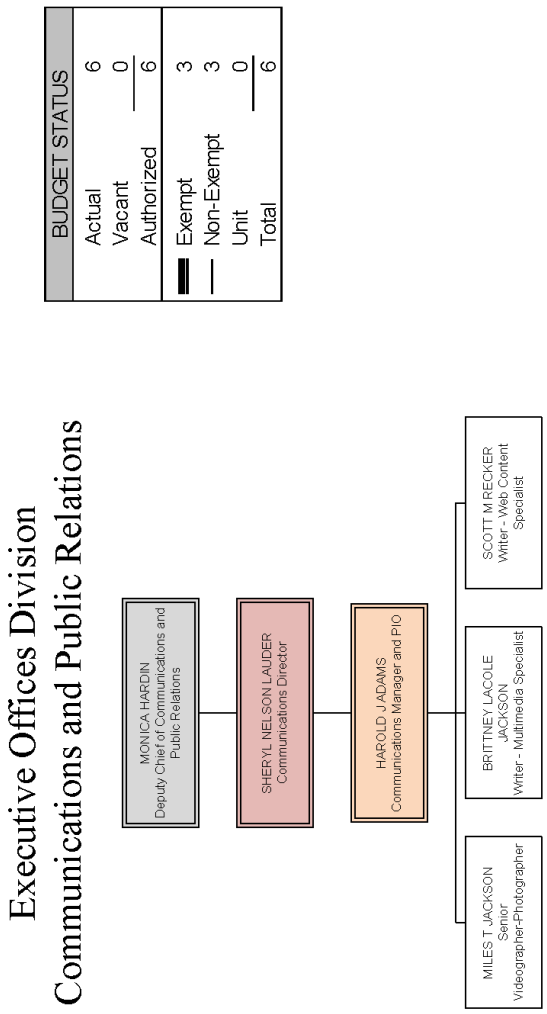
Organizational Chart
Effective 07/06/2026

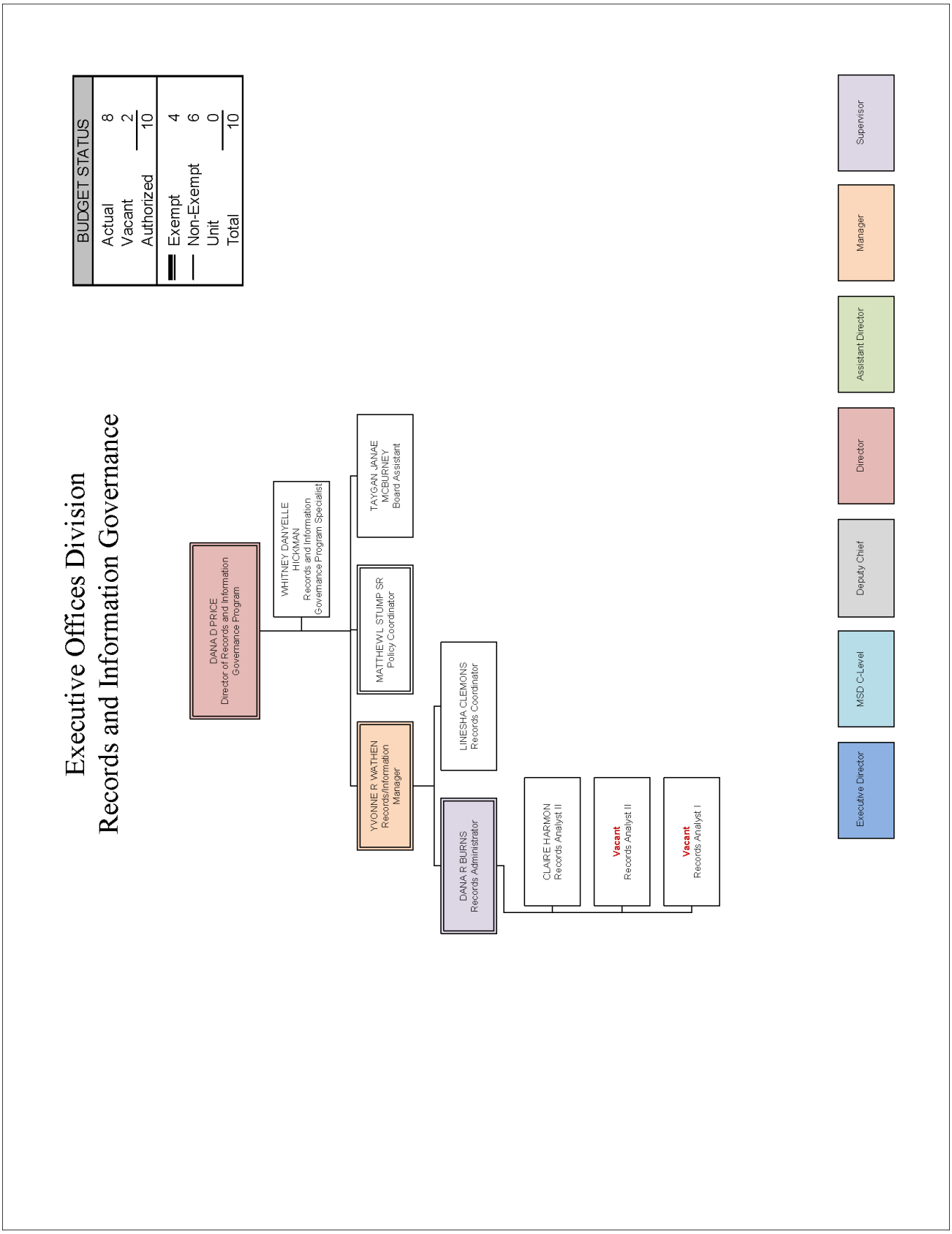
Organizational Summary

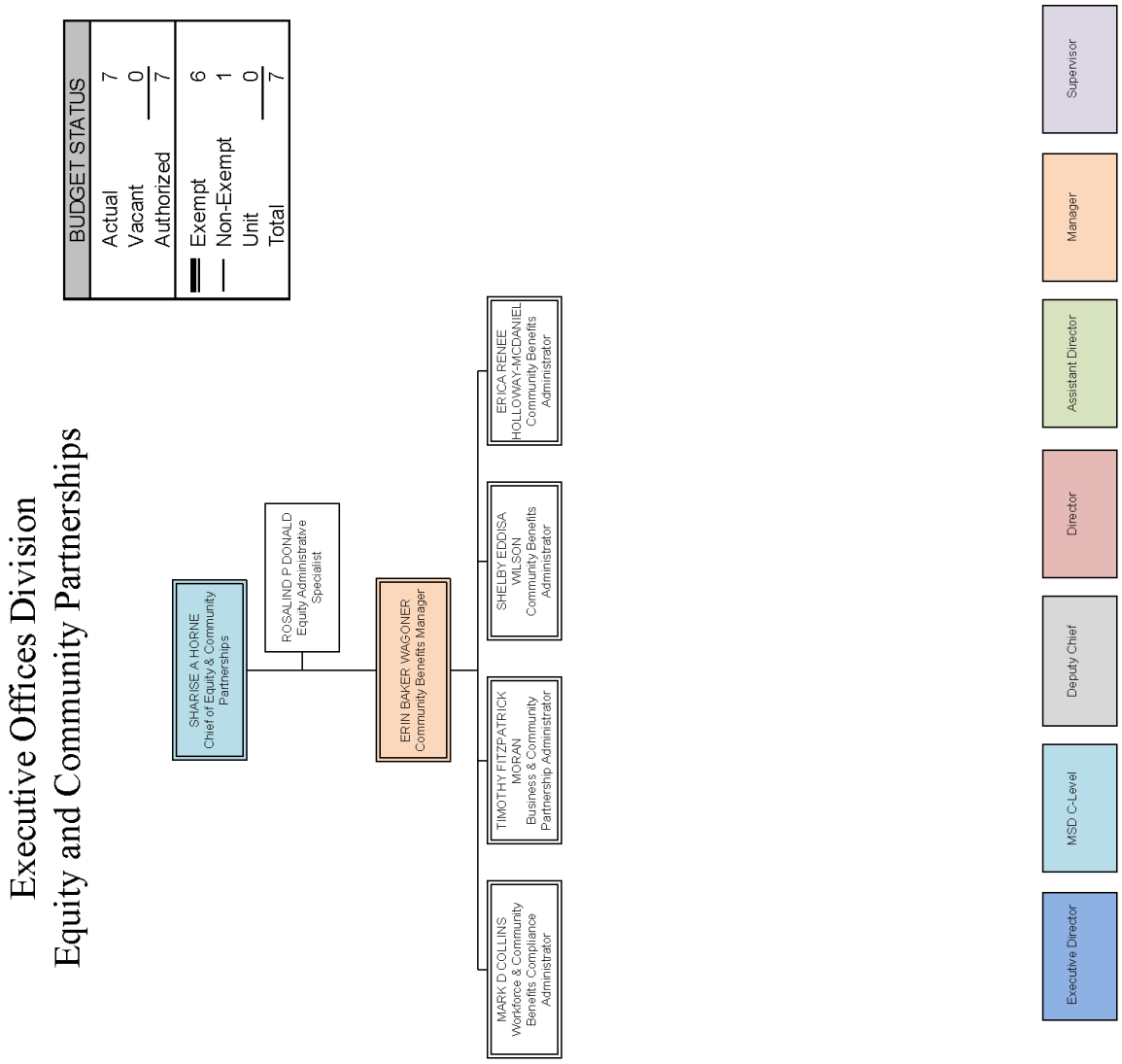
	Total Positions	Current Actual	Vacant (Budgeted)	New/Unbudgeted (Vacant)	Exempt	Non-Exempt	Union	Net Overbudget
Executive Offices Division								
Executive Offices	11	10	1	0	11	0	0	0
Communications and Public Relations	6	6	0	0	3	3	0	0
Records and Information Governance	10	8	2	0	4	6	0	0
Equity & Community Partnerships / Health & Safety	15	12	3	0	14	1	0	0
Customer Relations	20	19	1	0	4	16	0	0
Facilities and Security Division	40	35	5	0	10	30	0	0
Supply Chain and Economic Inclusion Division	27	26	1	0	13	14	0	0
Legal Division	12	10	2	0	12	0	0	0
Human Resources Division	24	23	1	0	21	3	0	0
Information Technology Division	33	33	0	0	29	4	0	0
Finance Division	24	22	2	0	10	14	0	0
Engineering Division								
Eng Admin, Reg Compliance, Records & GIS	21	21	0	0	16	5	0	0
Engineering Technical Services	55	54	1	0	34	21	0	0
Development & Stormwater Services	34	31	3	0	20	14	0	0
Wastewater Conveyance, Drainage & Flood Protection Operations Division								
Administration	8	5	3	0	7	1	0	0
Collections System and Emergency Response	48	45	3	0	9	6	33	0
Flood Protection - D&FP	24	20	4	0	5	0	19	0
Jefferson Controls	20	17	3	0	9	11	0	0
Drainage Maintenance and CSO/NMC	96	91	5	0	10	4	82	0
Linear Assets Support and Operations Performance	57	51	6	0	11	17	29	0
Jefferson Sanitary	81	72	9	0	11	1	69	0
Fleet Services	23	20	3	0	5	2	16	0
Wastewater Treatment Operations Division								
Strategic Programs and Treatment Maintenance	67	60	7	0	14	5	48	0
Treatment Facilities	88	82	6	0	19	8	61	0
Laboratory Services	14	14	0	0	4	10	0	0
Support Services	27	25	2	0	7	20	0	0
DISTRICT TOTAL	**885.0**	**812.0**	**73.0**	**0.0**	**312.0**	**216.0**	**357.0**	**0.0**

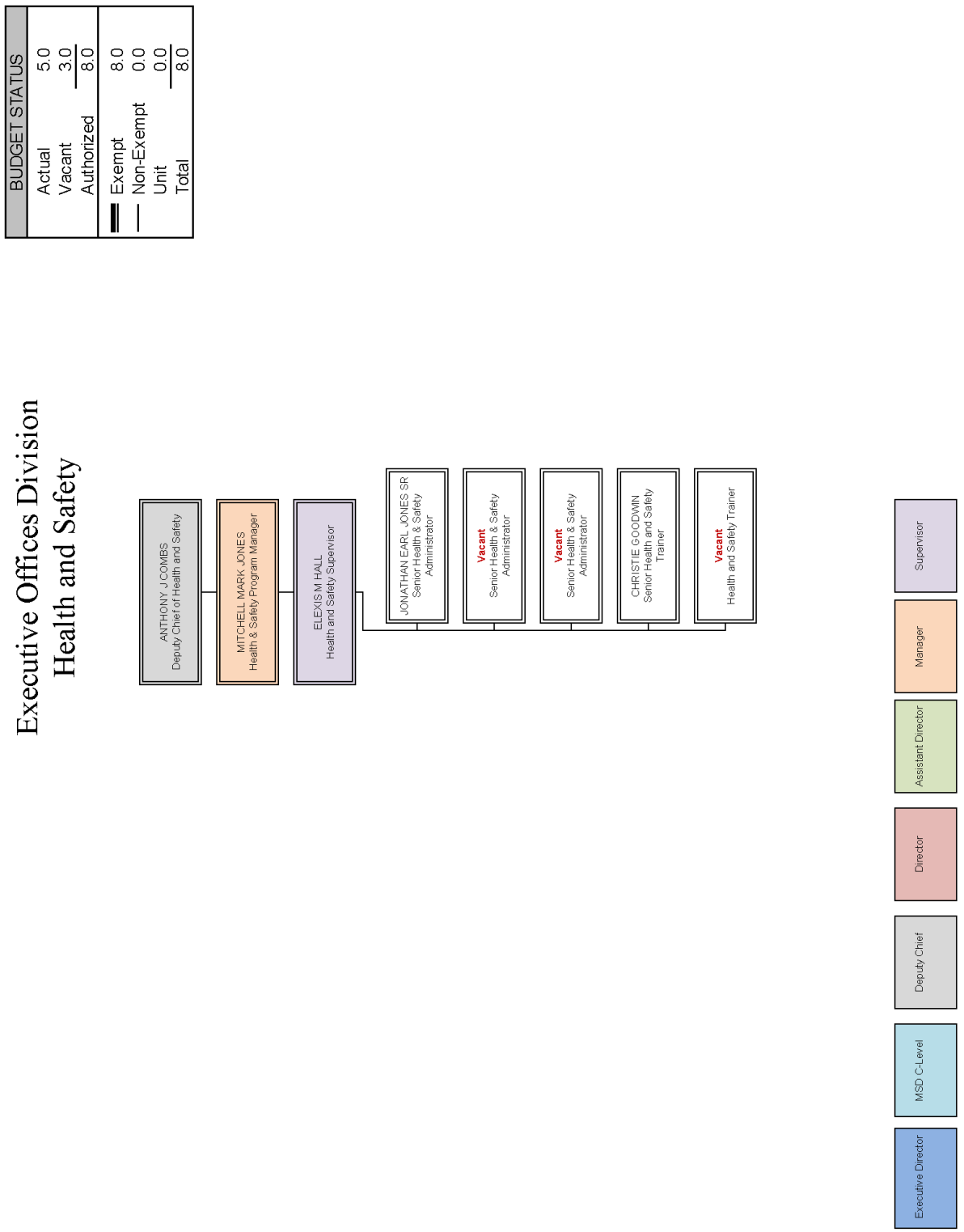

Board Members
Ricky Mason
Board Chairperson
John Selent
Board Vice-
Chairperson
Christopher Burdde
Board Member
Gerald Joiner
Board Member
Jeff Mosely
Board Member
Linda Schuster
Board Member
Brad Wilcox
Board Member
Lonnie Wright
Board Member

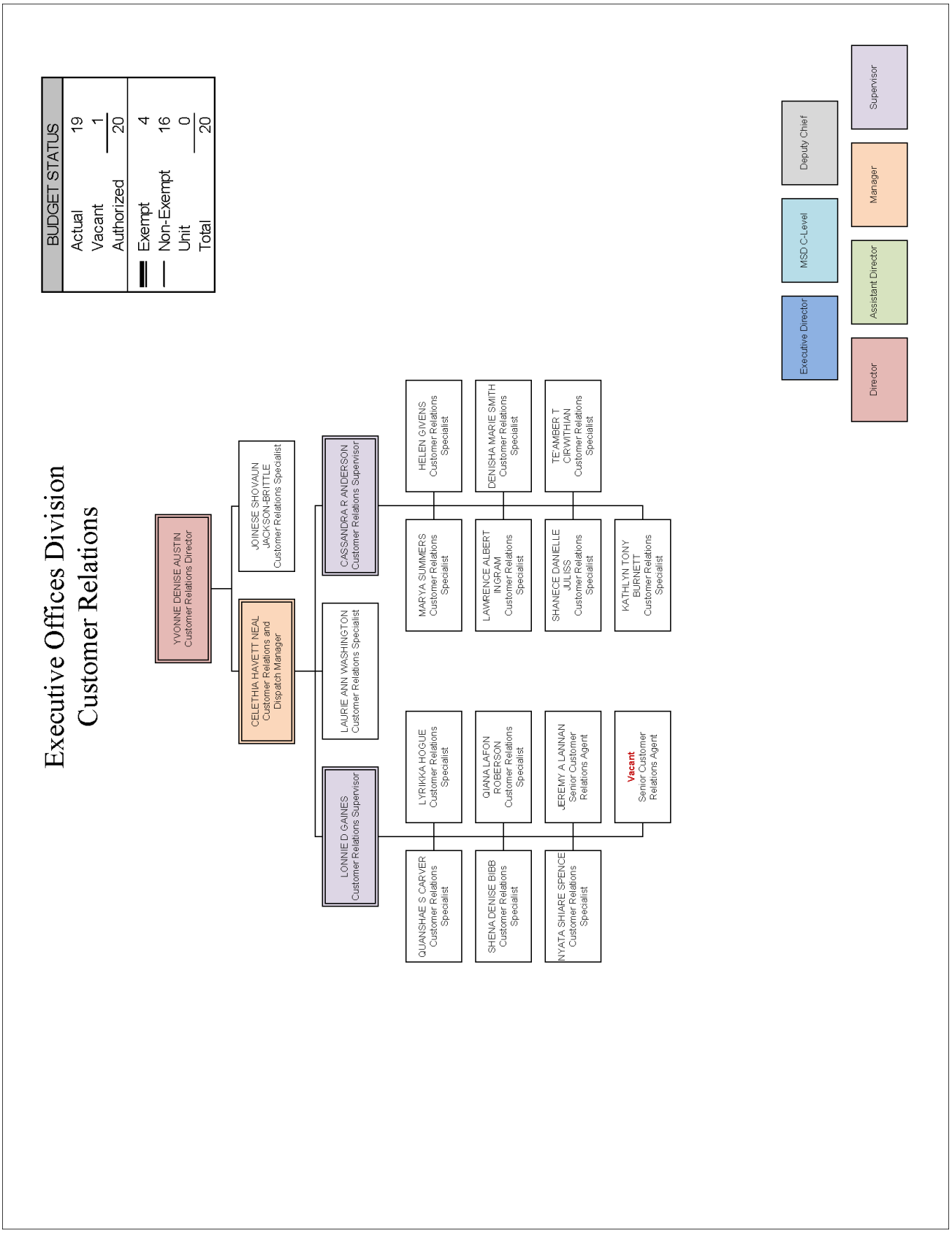

Executive Offices Division
Executive Offices
BUDGET STATUS
Actual 10
Vacant 1
Authorized 11
Exempt 11
Non-Exempt 0
Unit 0
Total 11
DIVISION BUDGET STATUS
Actual 55.0
Vacant 7.0
Authorized 62.0
Exempt 36.0
Non-Exempt 26.0
Unit 0.0
Total 62.0
MSD BOARD
JAMES A PARROTT
Executive Director/CEO
KELLIE RENEE WATSON
General Counsel and MSD Legal Director
See Page 12
ZONETTA E ENGLISH
Strategic Innitiatives and Project Delivery Director
SANDRA H CONNER
Chief Internal Auditor
KYLE W SIPES
Internal Audit Manager
DAMON TERRILL SISTRUNK
Internal Auditor II
Vacant
Internal Auditor II
JENNIFER LEIGH GARLAND-WATERS
Internal Audit Ops and Analytics Admin
MONICA HARDIN
Deputy Chief of Communications and Public Relations
See Page 5
SHARISE A HORNE
Chief of Equity and Community Partnerships
See Page 7
BRADLEY SHELDON GOOD
MSD Chief Financial Officer
See Page 15
DAVID W JOHNSON
MSD Chief Engineer
See Pages 16 - 19
WAYNE BRIAN BINGHAM
MSD Chief Operations Officer
See Pages 20 - 27
KIMBERLY LANETTE REED
MSD Chief Operations Officer
See Pages 28 - 31
EUGENIA RENEE DAVIS
Executive Office Manager
CARMEN ANGELINA MORENO-RIVERA
Chief Administrative Officer/ Chief of Staff
ANGELA L AKRIDGE
Chief Strategy Officer for Business Transformation and Regulatory Compliance
YVONNE DENISE AUSTIN
Customer Relations Director
See Page 9
MARION RENE' PATTERSON-LINDSAY
Chief Procurement Officer
See Page 11
PAUL JERRY BAGLEY
MSD Chief Information Officer
See Page 14
ANGELA MICHELLE BOXLEY
Risk Administrator
DANA D PRICE
Director of Records and Information Governance Program
See Page 6
ANTHONY J COMBS
Deputy Chief of Health and Safety
See Page 8
LOPEZ F HIGH SR
Chief of Facilities and Security
See Page 10
ADRIENNE D HENDERSON
Chief Human Resources Officer
See Page 13
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor

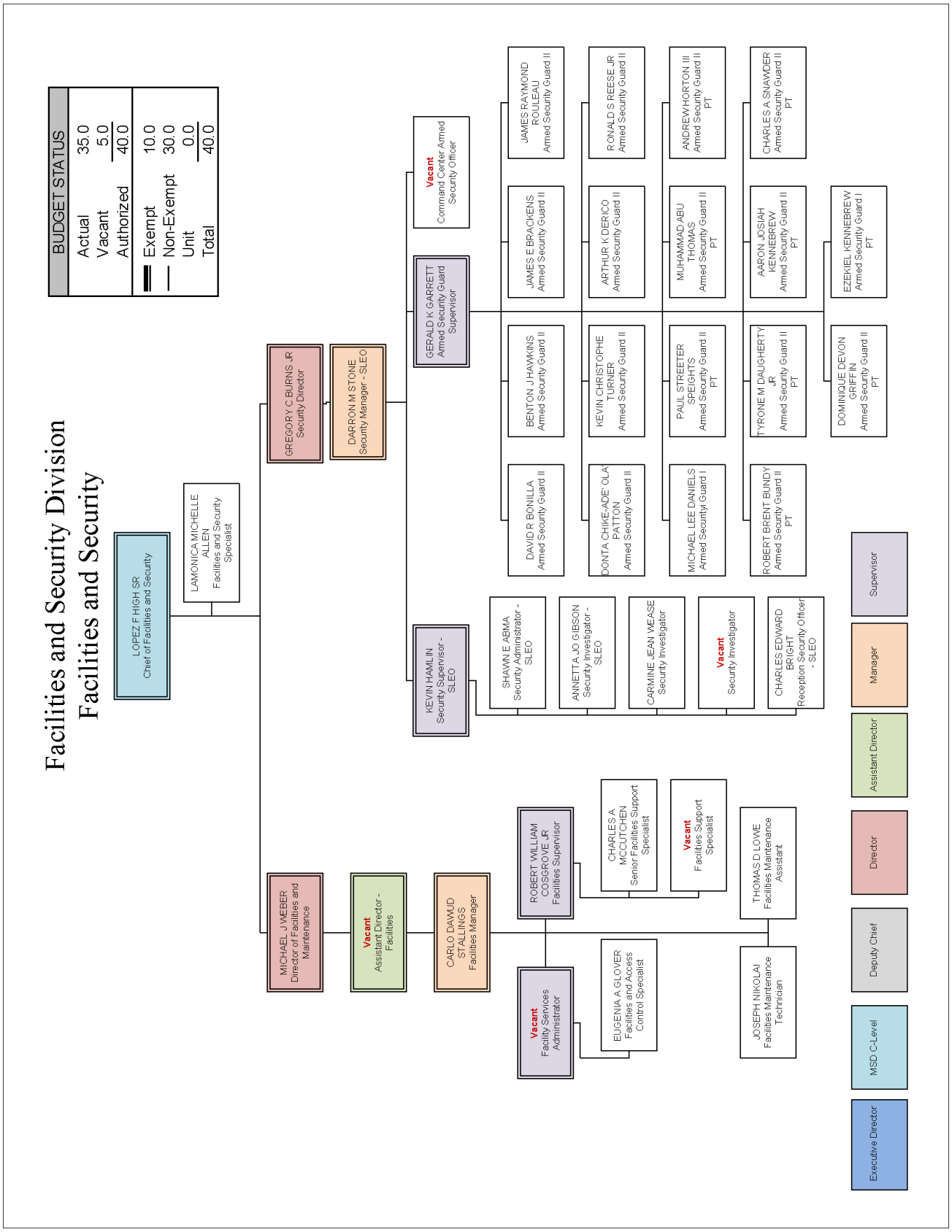

Executive Offices Division
Communications and Public Relations
BUDGET STATUS
Actual 6
Vacant 0
Authorized 6
Exempt 3
Non-Exempt 3
Unit 0
Total 6
MONICA HARDIN
Deputy Chief of Communications and Public Relations
SHERYL NELSON LAUDER
Communications Director
HAROLD J ADAMS
Communications Manager and PIO
SCOTT M RECKER
Writer - Web Content Specialist
BRITTNEY LACOLE JACKSON
Writer - Multimedia Specialist
MILES T JACKSON
Senior Videographer-Photographer
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor

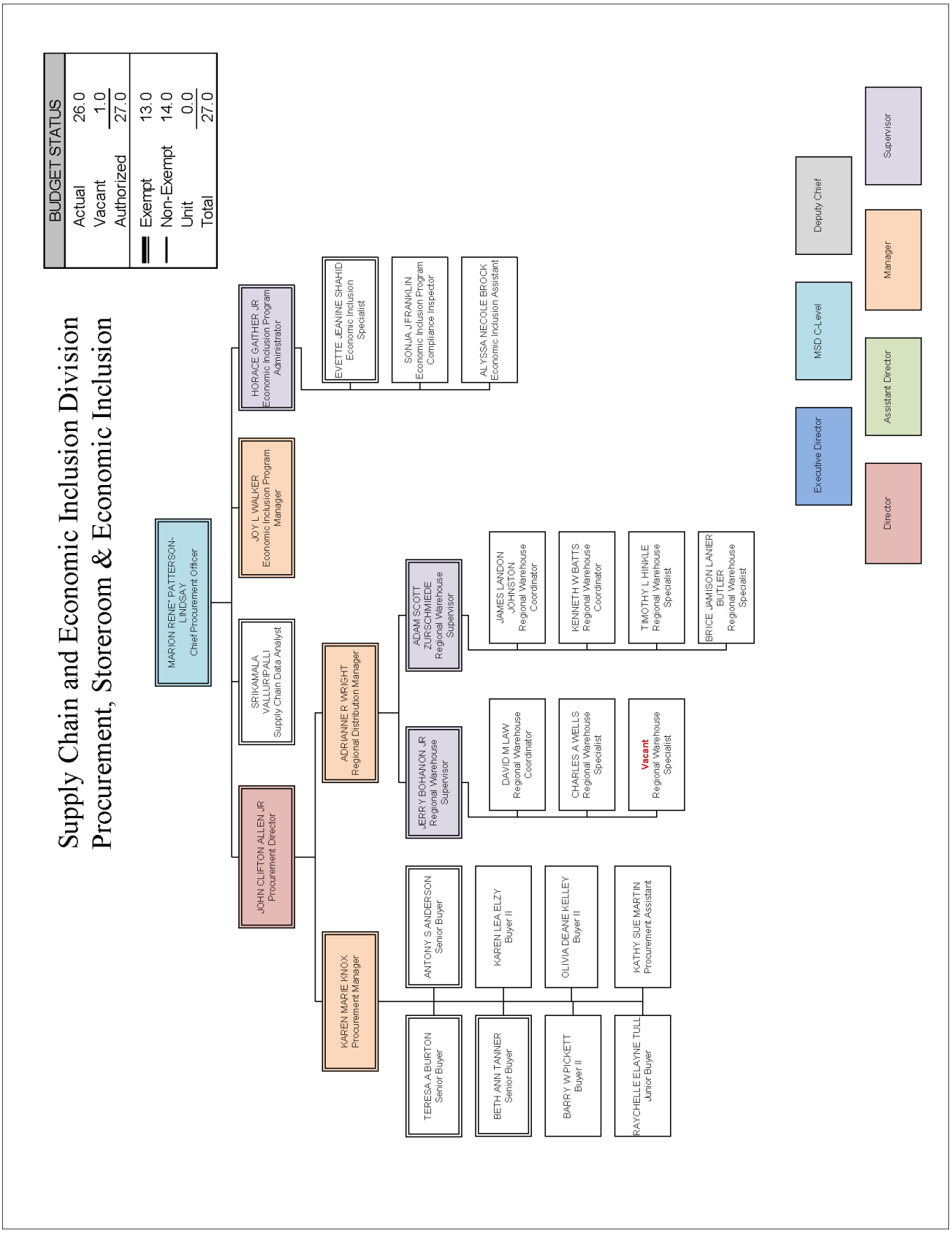

Executive Offices Division
Records and Information Governance
BUDGET STATUS
Actual 8
Vacant 2
Authorized 10
Exempt 4
Non-Exempt 6
Unit 0
Total 10
DANA D PRICE
Director of Records and Information Governance Program
WHITNEY DANYELLE HICKMAN
Records and Information Governance Program Specialist
TAYGAN JANAE MCBURNEY
Board Assistant
MATTHEW L STUMP SR
Policy Coordinator
YVONNE R WATHEN
Records/Information Manager
LINESHA CLEMONS
Records Coordinator
DANA R BURNS
Records Administrator
CLAIRE HARMON
Records Analyst II
Vacant
Records Analyst II
Vacant
Records Analyst I
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor

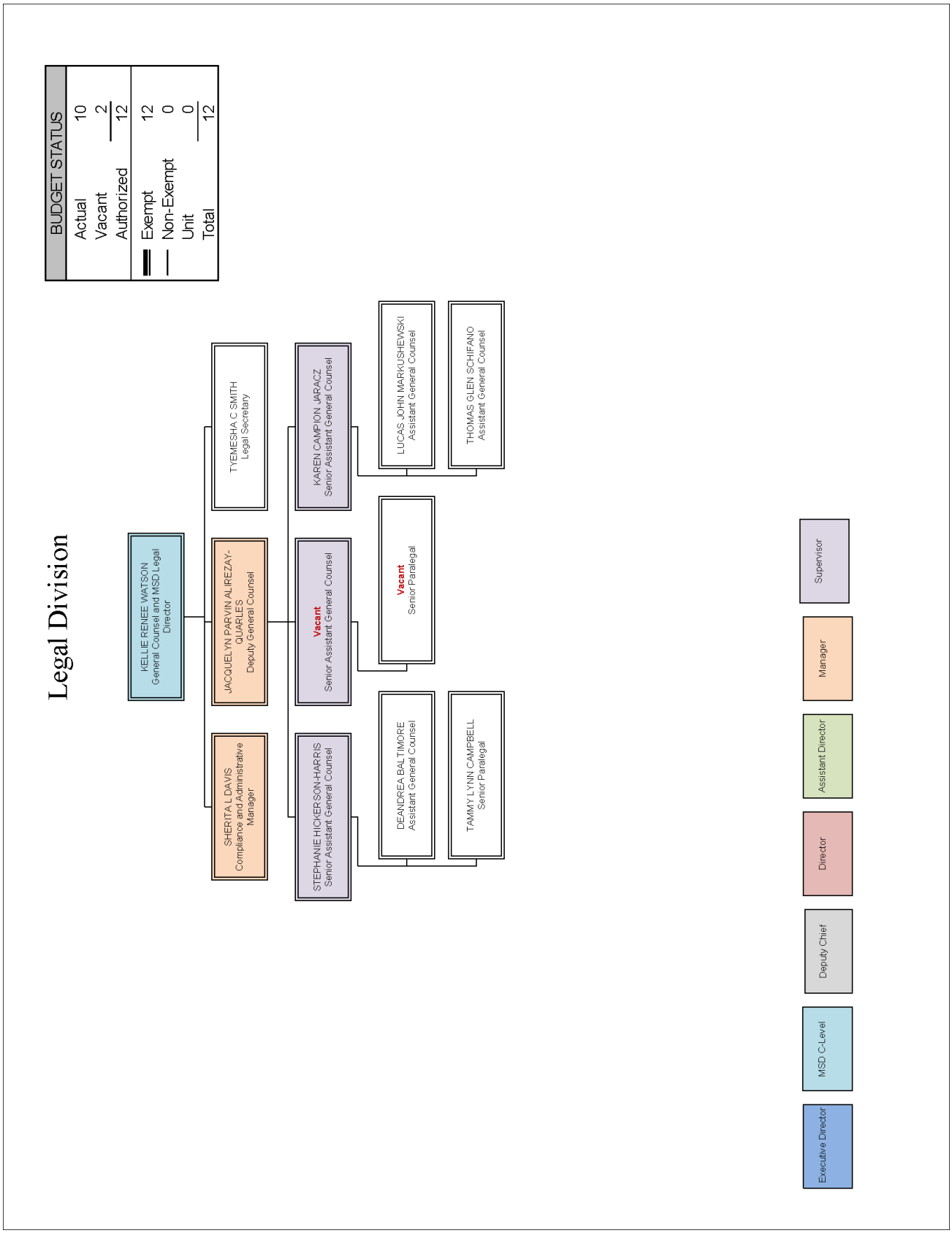

Executive Offices Division
Equity and Community Partnerships
BUDGET STATUS
Actual 7
Vacant 0
Authorized 7
Exempt 6
Non-Exempt 1
Unit 0
Total 7
SHARISE A HORNE
Chief of Equity & Community Partnerships
ROSALIND P DONALD
Equity Administrative Specialist
ERIN BAKER WAGONER
Community Benefits Manager
ERICA RENEE HOLLOWAY-MCDANIEL
Community Benefits Administrator
SHELBY EDDISA WILSON
Community Benefits Administrator
TIMOTHY FITZPATRICK MORAN
Business & Community Partnership Administrator
MARK D COLLINS
Workforce & Community Benefits Compliance Administrator
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor

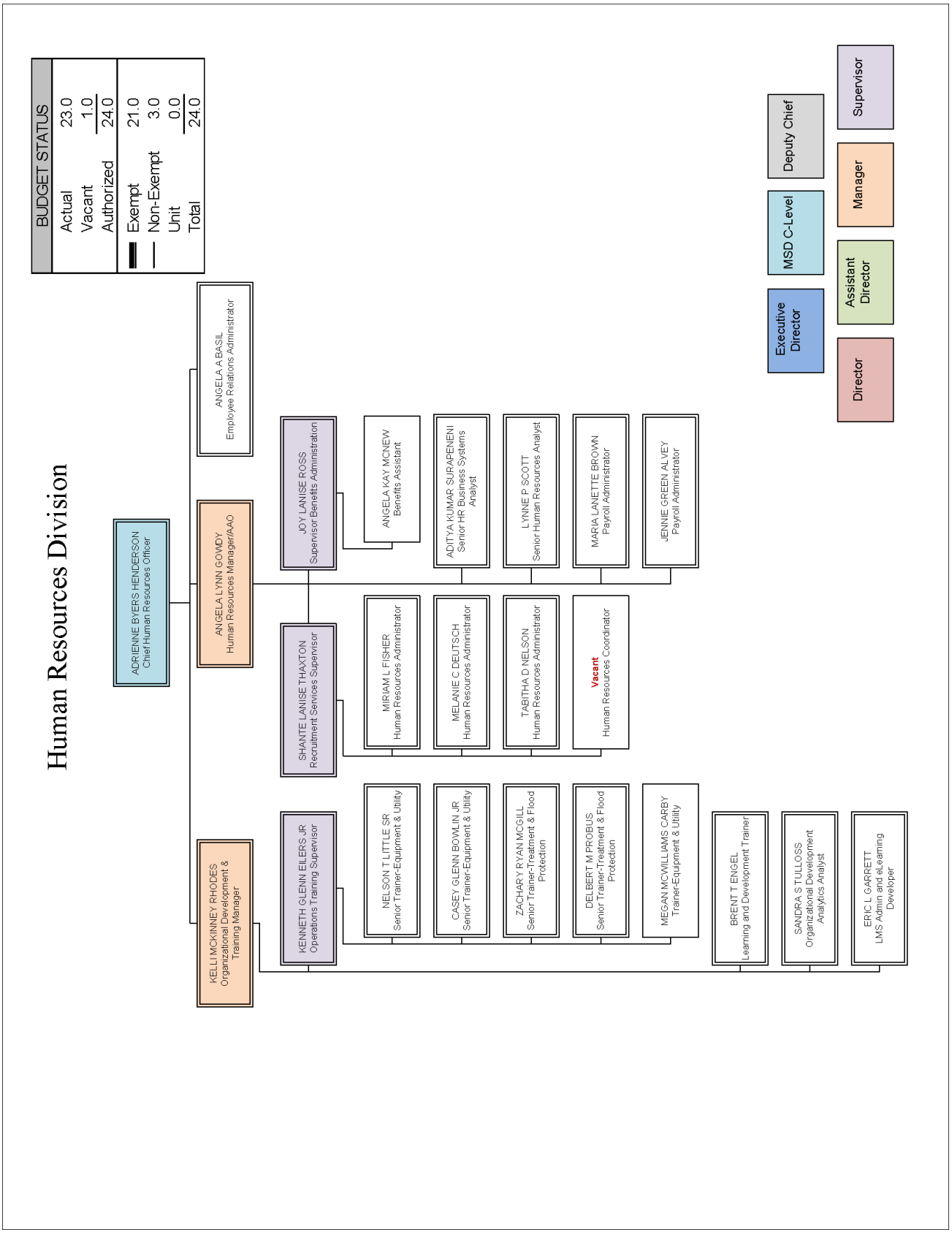

Executive Offices Division
Health and Safety
BUDGET STATUS
Actual 5.0
Vacant 3.0
Authorized 8.0
Exempt 8.0
Non-Exempt 0.0
Unit 0.0
Total 8.0
ANTHONY J COMBS
Deputy Chief of Health and Safety
MITCHELL MARK JONES
Health & Safety Program Manager
ELEXIS M HALL
Health and Safety Supervisor
JONATHAN EARL JONES SR
Senior Health & Safety Administrator
Vacant
Senior Health & Safety Administrator
Vacant
Senior Health & Safety Administrator
CHRISTIE GOODWIN
Senior Health and Safety Trainer
Vacant
Health and Safety Trainer
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor

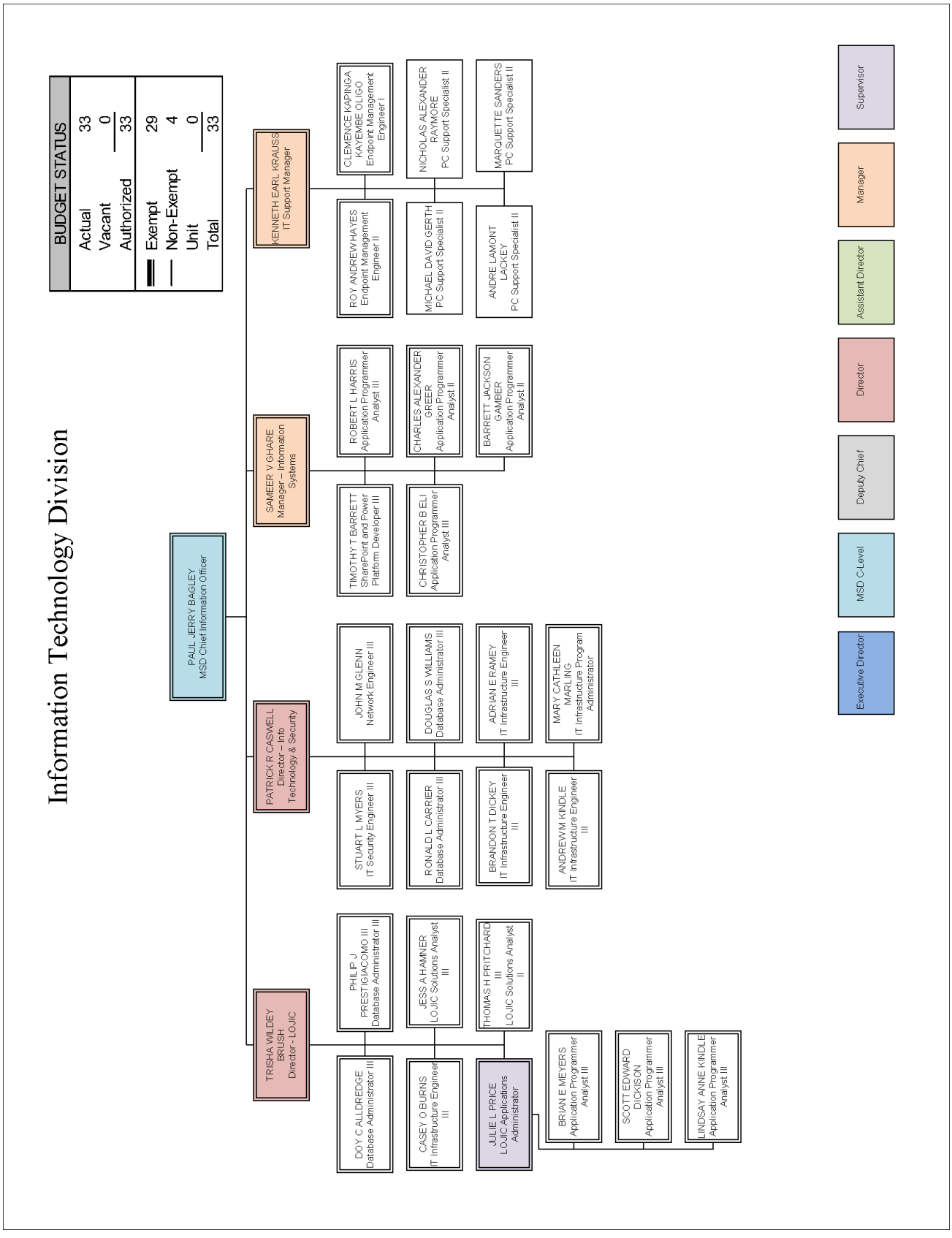

Executive Offices Division
Customer Relations
BUDGET STATUS
Actual 19
Vacant 1
Authorized 20
Exempt 4
Non-Exempt 16
Unit 0
Total 20
YVONNE DENISE AUSTIN
Customer Relations Director
JOINESE SHOVAUN JACKSON-BRITTLE
Customer Relations Specialist
CELETHIA HAVETT NEAL
Customer Relations and Dispatch Manager
CASSANDRA R ANDERSON
Customer Relations Supervisor
LAURIE ANN WASHINGTON
Customer Relations Specialist
LONNIE D GAINES
Customer Relations Supervisor
HELEN GIVENS
Customer Relations Specialist
DENISHA MARIE SMITH
Customer Relations Specialist
TEAMBER T CRAWTHAN
Customer Relations Specialist
MARYA SUMMERS
Customer Relations Specialist
LAWRENCE ALBERT INGRAM
Customer Relations Specialist
SHANECE DANIELLE JULISS
Customer Relations Specialist
KATHLYN TONY BURNETT
Customer Relations Specialist
LYRIKKA HOGUE
Customer Relations Specialist
QIANA LAFON ROBERSON
Customer Relations Specialist
JEREMY A LANNAN
Senior Customer Relations Agent
Vacant
Senior Customer Relations Agent
QUANSHAE S CARVER
Customer Relations Specialist
SHENA DENISE BIBB
Customer Relations Specialist
NYATA SHIARE SPENCE
Customer Relations Specialist
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor

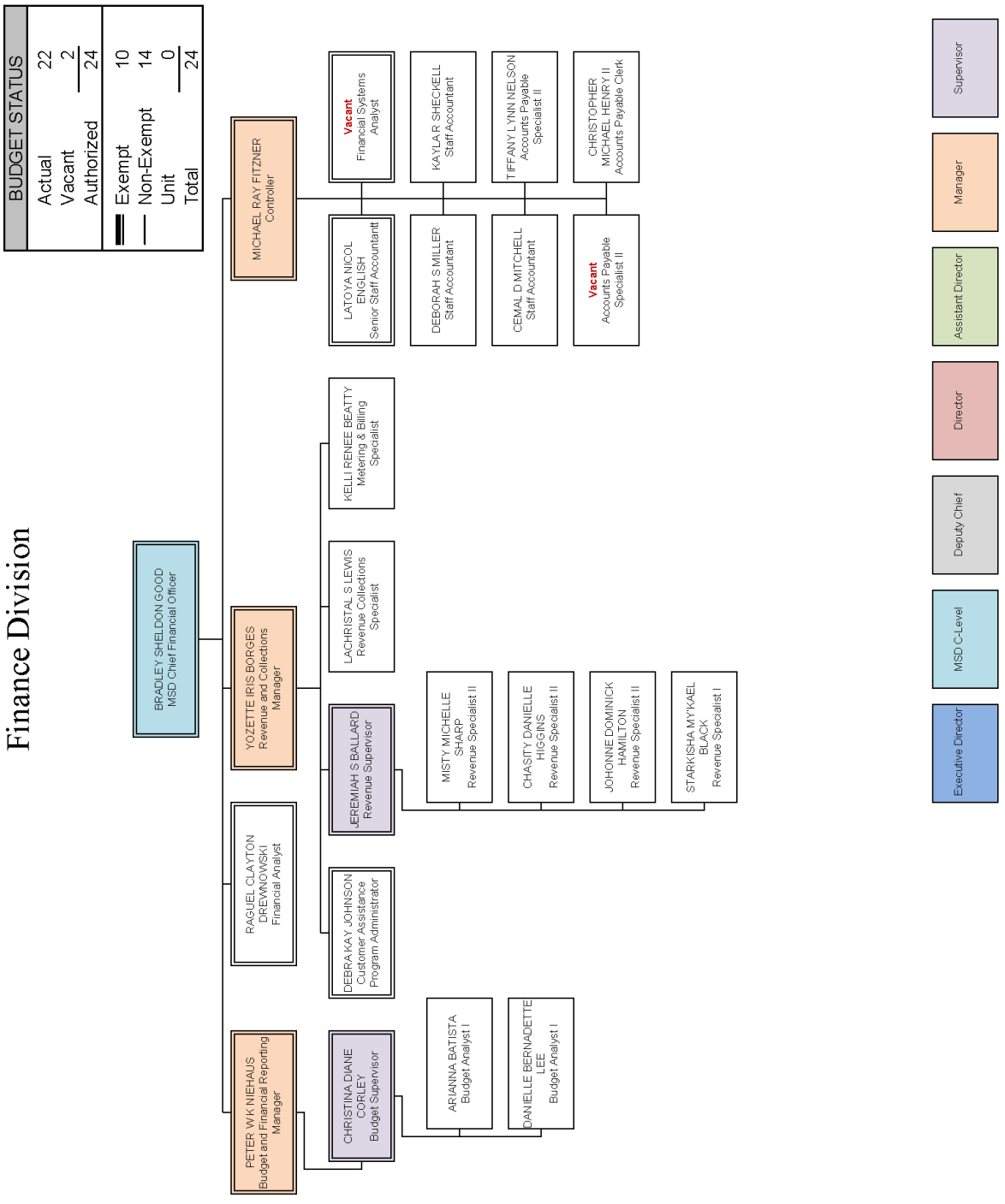

Facilities and Security Division
Facilities and Security
BUDGET STATUS
Actual 35.0
Vacant 5.0
Authorized 40.0
Exempt 10.0
Non-Exempt 30.0
Unit 0.0
Total 40.0
LOPEZ F HIGH SR
Chief of Facilities and Security
LAMONICA MICHELLE ALLEN
Facilities and Security Specialist
GREGORY C BURNS JR
Security Director
DARRON M STONE
Security Manager - SLEO
MICHAEL J WEBER
Director of Facilities and Maintenance
Vacant
Assistant Director - Facilities
CARLO DAWUD STALLINGS
Facilities Manager
KEVIN HAMLIN
Security Supervisor - SLEO
GERALD K GARRETT
Armed Security Guard Supervisor
Vacant
Command Center Armed Security Officer
SHAWN E ABMA
Security Administrator - SLEO
ANNETTA JO GIBSON
Security Investigator - SLEO
CARMINE JEAN WEASE
Security Investigator
Vacant
Security Investigator
CHARLES EDWARD BRIGHT
Reception Security Officer - SLEO
DAVID R BONILLA
Armed Security Guard II
BENTON J HAWKINS
Armed Security Guard II
JAMES E BRACKENS
Armed Security Guard II
JAMES RAYMOND ROULEAU
Armed Security Guard II
DONTA CHIKE-ADE' OLAY PATTON
Armed Security Guard II
KEVIN CHRISTOPHE TURNER
Armed Security Guard II
ARTHUR K DERICO
Armed Security Guard II
RONALD S REESE JR
Armed Security Guard II
MICHAEL LEE DANIELS
Armed Security Guard I
PAUL STREETER SPEIGHTS
Armed Security Guard II PT
MUHAMMAD ABU THOMAS
Armed Security Guard II PT
ANDREW HORTON III
Armed Security Guard II PT
ROBERT BRENT BUNDY
Armed Security Guard II PT
TYRONE M DAUGHERTY JR
Armed Security Guard II PT
AARON JOSIAH KENNEBREW
Armed Security Guard II PT
CHARLES A SNAWDER
Armed Security Guard II PT
DOMINIQUE DEVON GRIFFIN
Armed Security Guard II PT
EZEKIEL KENNEBREW
Armed Security Guard I PT
Vacant
Facility Services Administrator
EUGENIA A GLOVER
Facilities and Access Control Specialist
ROBERT WILLIAM COSGROVE JR
Facilities Supervisor
CHARLES A MCCUTCHEN
Senior Facilities Support Specialist
Vacant
Facilities Support Specialist
JOSEPH NIKOLAI
Facilities Maintenance Technician
THOMAS D LOWE
Facilities Maintenance Assistant
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor

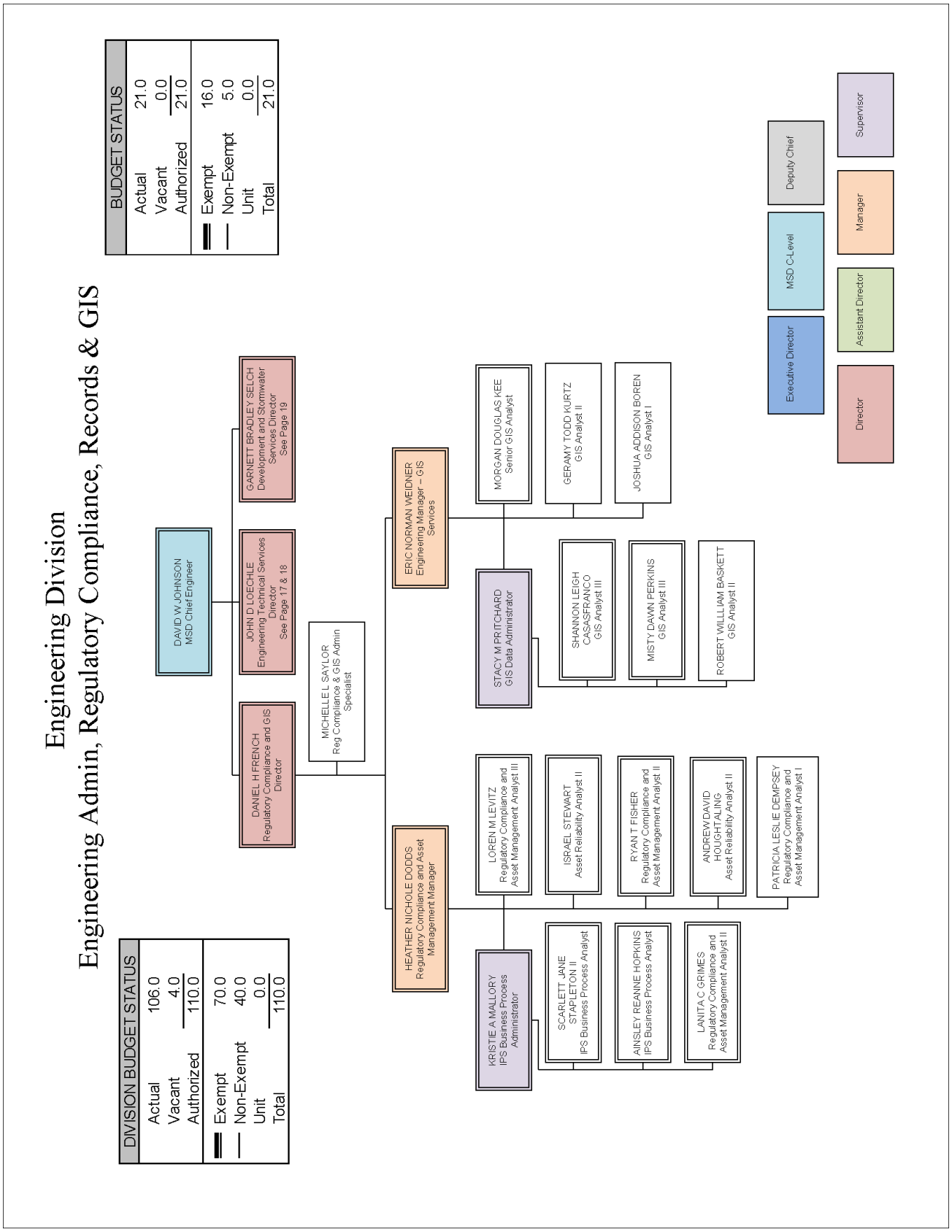

Supply Chain and Economic Inclusion Division
Procurement, Storeroom & Economic Inclusion
BUDGET STATUS
Actual 26.0
Vacant 1.0
Authorized 27.0
Exempt 13.0
Non-Exempt 14.0
Unit 0.0
Total 27.0
MARION RENE' PATTERSON-LINDSAY
Chief Procurement Officer
JOHN CLIFTON ALLEN JR
Procurement Director
SRIKAMALA VALLURIPALLI
Supply Chain Data Analyst
JOY L WALKER
Economic Inclusion Program Manager
HORACE GAITHER JR
Economic Inclusion Program Administrator
EVETTE JEANINE SHAHID
Economic Inclusion Specialist
SONJA J FRANKLIN
Economic Inclusion Program Compliance Inspector
ALYSSA NECOLE BROCK
Economic Inclusion Assistant
ADRIANNE R WRIGHT
Regional Distribution Manager
KAREN MARIE KNOX
Procurement Manager
TERESA A BURTON
Senior Buyer
ANTONY S ANDERSON
Senior Buyer
BETH ANN TANNER
Senior Buyer
KAREN LEA ELZY
Buyer II
BARRY W PICKETT
Buyer II
OLIVIA DEANE KELLEY
Buyer II
RAYCHELLE ELAYNE TULL
Junior Buyer
KATHY SUE MARTIN
Procurement Assistant
ADAM SCOTT ZURSCHMIEDE
Regional Warehouse Supervisor
JERRY BOHANON JR
Regional Warehouse Supervisor
JAMES LANDON JOHNSTON
Regional Warehouse Coordinator
KENNETH W BATTS
Regional Warehouse Coordinator
TIMOTHY L HINKLE
Regional Warehouse Specialist
BRICE JAMISON LANIER BUTLER
Regional Warehouse Specialist
DAVID M LAW
Regional Warehouse Coordinator
CHARLES A WELLS
Regional Warehouse Specialist
Vacant
Regional Warehouse Specialist
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor

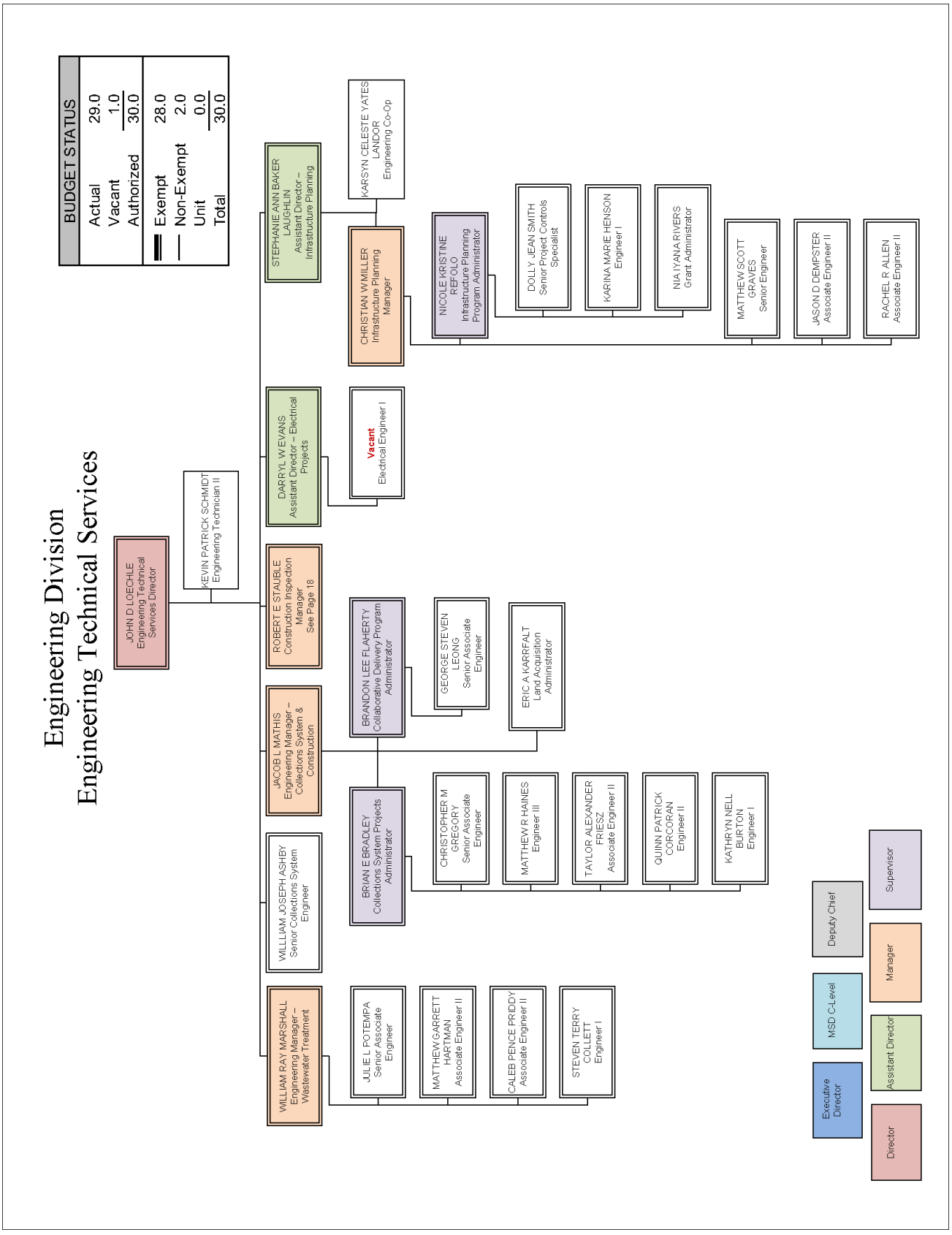

Legal Division
BUDGET STATUS
Actual 10
Vacant 2
Authorized 12
Exempt 12
Non-Exempt 0
Unit 0
Total 12
KELLIE RENEE WATSON
General Counsel and MSD Legal Director
JACQUELYN PARVIN ALIREZAY-QUARLES
Deputy General Counsel
SHERITA L DAVIS
Compliance and Administrative Manager
TYEMESHA C SMITH
Legal Secretary
Vacant
Senior Assistant General Counsel
STEPHANIE HICKERSON-HARRIS
Senior Assistant General Counsel
KAREN CAMPION JARACZ
Senior Assistant General Counsel
Vacant
Senior Paralegal
DEANDREA BALTIMORE
Assistant General Counsel
LUCAS JOHN MARKUSHEWSKI
Assistant General Counsel
TAMMY LYNN CAMPBELL
Senior Paralegal
THOMAS GLEN SCHIFANO
Assistant General Counsel
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor

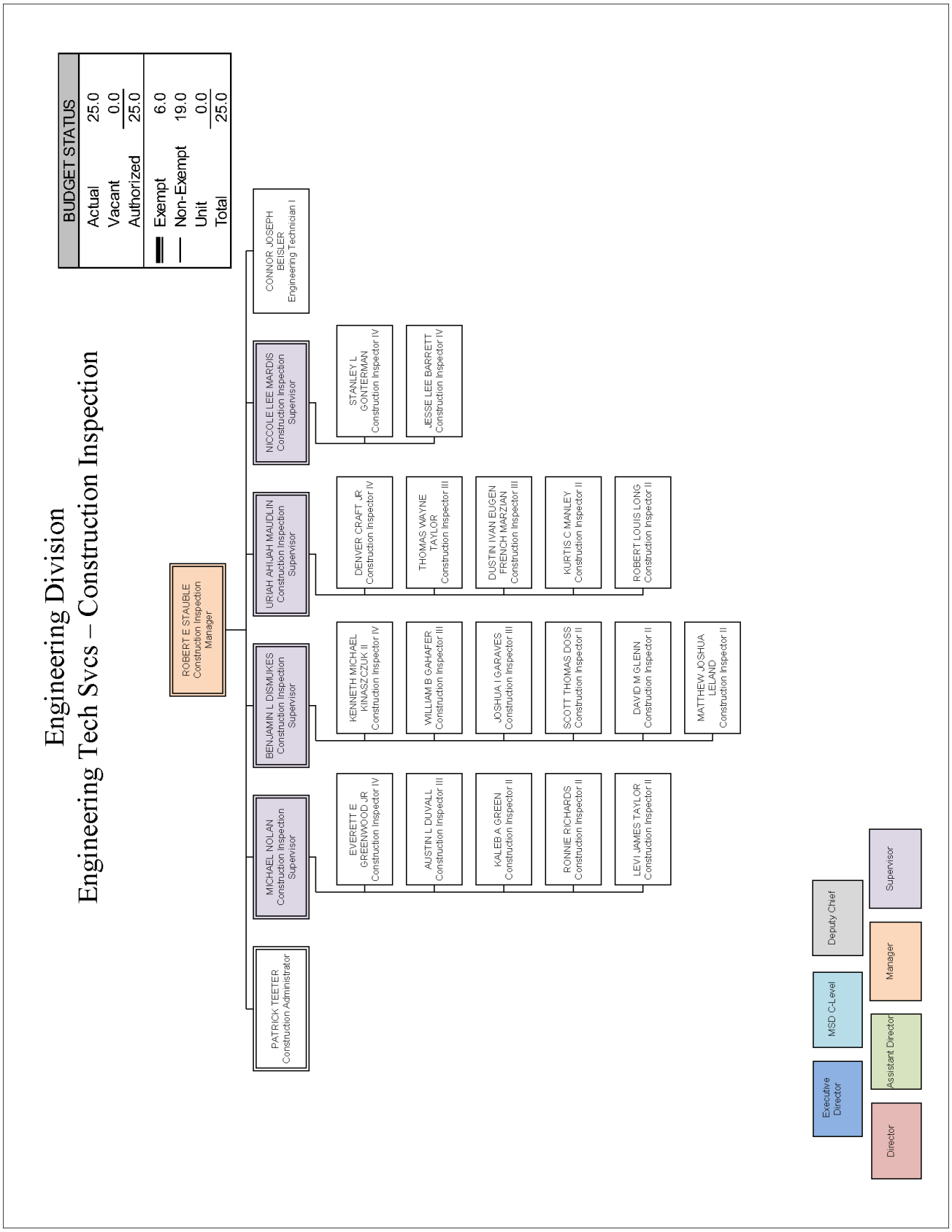

Human Resources Division
BUDGET STATUS
Actual 23.0
Vacant 1.0
Authorized 24.0
Exempt 21.0
Non-Exempt 3.0
Unit 0.0
Total 24.0
Deputy Chief
MSD C-Level
Executive Director
Supervisor
Manager
Assistant Director
Director
ADRIENNE BYERS HENDERSON
Chief Human Resources Officer
ANGELA LYNN GOWDY
Human Resources Manager/AAO
ANGELA A BASIL
Employee Relations Administrator
JOY LANISE ROSS
Supervisor Benefits Administration
ANGELA KAY MCNEW
Benefits Assistant
ADITYA KUMAR SURAPENENI
Senior HR Business Systems Analyst
LYNNE P SCOTT
Senior Human Resources Analyst
MARIA LANETTE BROWN
Payroll Administrator
JENNIE GREEN ALVEY
Payroll Administrator
SHANTE LANISE THAXTON
Recruitment Services Supervisor
MIRIAM L FISHER
Human Resources Administrator
MELANIE C DEUTSCH
Human Resources Administrator
TABITHA D NELSON
Human Resources Administrator
Vacant
Human Resources Coordinator
KELLI MCKINNEY RHODES
Organizational Development & Training Manager
KENNETH GLENN EILERS JR
Operations Training Supervisor
NELSON T LITTLE SR
Senior Trainer-Equipment & Utility
CASEY GLENN BOWLIN JR
Senior Trainer-Equipment & Utility
ZACHARY RYAN MCGILL
Senior Trainer-Treatment & Flood Protection
DELBERT M PROBUS
Senior Trainer-Treatment & Flood Protection
MEGAN MCWILLIAMS CARBY
Trainer-Equipment & Utility
BRENT T ENGEL
Learning and Development Trainer
SANDRA S TULLOSS
Organizational Development Analytics Analyst
ERIC L GARRETT
LMS Admin and eLearning Developer

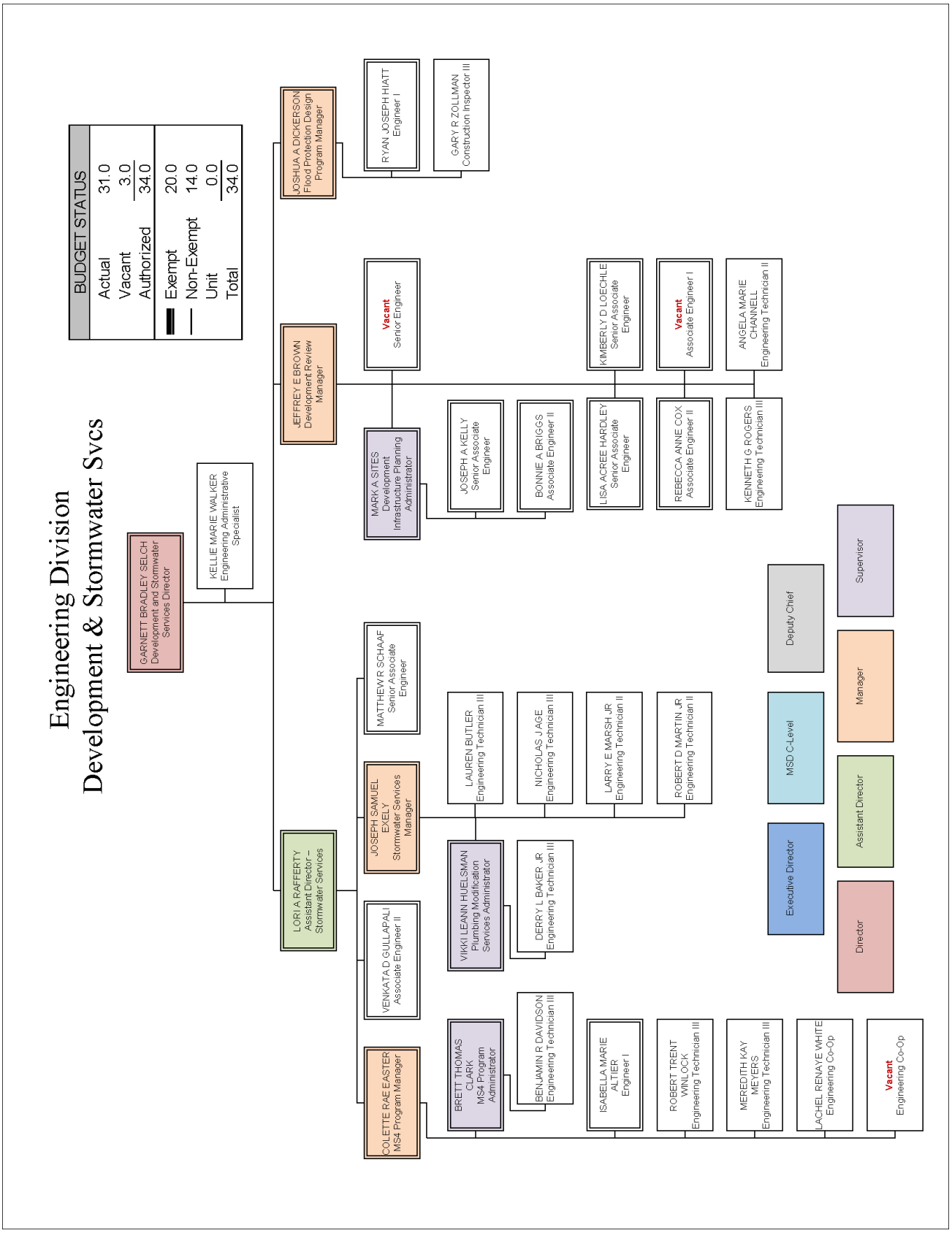

Information Technology Division
BUDGET STATUS
Actual 33
Vacant 0
Authorized 33
Exempt 29
Non-Exempt 4
Unit 0
Total 33
PAUL JERRY BAGLEY
MSD Chief Information Officer
SAMEER V GHARE
Manager – Information Systems
KENNETH EARL KRAUSS
IT Support Manager
ROY ANDREW HAYES
Endpoint Management Engineer II
MICHAEL DAVID GERTH
PC Support Specialist II
ANDRE LAMONT LACKEY
PC Support Specialist II
CLEMENCE KAPINGA KAYEMBE OLIGO
Endpoint Management Engineer I
NICHOLAS ALEXANDER RAYMORE
PC Support Specialist II
MARQUETTE SANDERS
PC Support Specialist II
ROBERT L HARRIS
Application Programmer Analyst III
CHARLES ALEXANDER GREER
Application Programmer Analyst II
BARRETT JACKSON GAMBER
Application Programmer Analyst II
TIMOTHY T BARRETT
SharePoint and Power Platform Developer III
CHRISTOPHER B ELI
Application Programmer Analyst III
PATRICK R CASWELL
Director – Info Technology & Security
JOHN M GLENN
Network Engineer III
DOUGLAS S WILLIAMS
Database Administrator III
ADRIAN E RAMEY
IT Infrastructure Engineer III
MARY CATHLEEN MARLING
IT Infrastructure Program Administrator
STUART L MYERS
IT Security Engineer III
RONALD L CARRIER
Database Administrator III
BRANDON T DICKEY
IT Infrastructure Engineer III
ANDREW M KINDLE
IT Infrastructure Engineer III
TRISHA WILDEY BRUSH
Director - LOJIC
PHILIP J PRESTIGIACOMO III
Database Administrator III
JESS A HAMNER
LOJIC Solutions Analyst III
THOMAS H PRITCHARD III
LOJIC Solutions Analyst II
DOY C ALLDREDGE
Database Administrator III
CASEY O BURNS
IT Infrastructure Engineer III
JULIE L PRICE
LOJIC Applications Administrator
BRIAN E MEYERS
Application Programmer Analyst III
SCOTT EDWARD DICKISON
Application Programmer Analyst III
LINDSAY ANNE KINDLE
Application Programmer Analyst III
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor

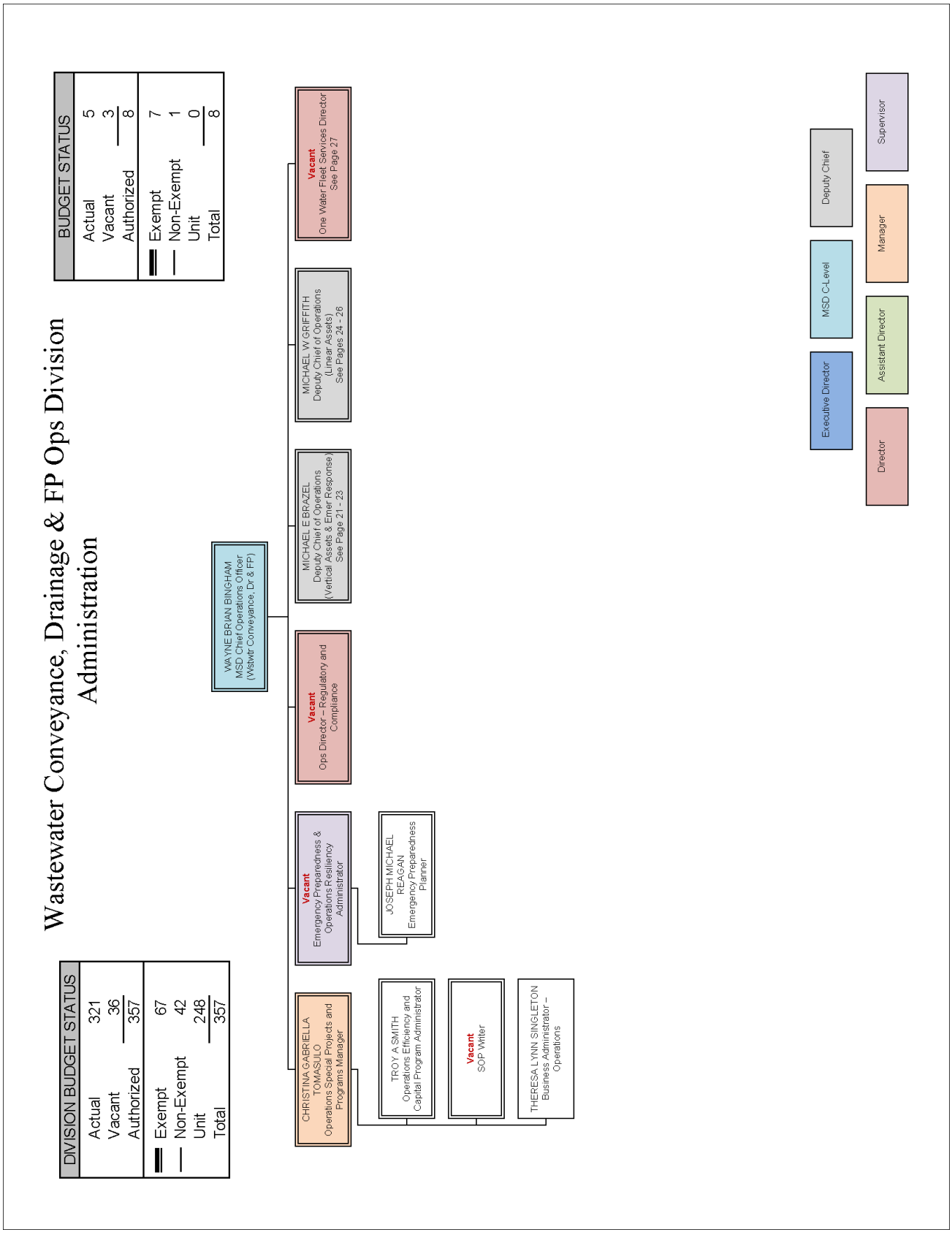

Finance Division
BUDGET STATUS
Actual 22
Vacant 2
Authorized 24
Exempt 10
Non-Exempt 14
Unit 0
Total 24
BRADLEY SHELDON GOOD
MSD Chief Financial Officer
MICHAEL RAY FITZNER
Controller
Vacant
Financial Systems Analyst
KAYLA R SHECKELL
Staff Accountant
TIFFANY LYNN NELSON
Accounts Payable Specialist II
CHRISTOPHER MICHAEL HENRY II
Accounts Payable Clerk
LATOYA NICOL ENGLISH
Senior Staff Accountant
DEBORAH S MILLER
Staff Accountant
CEMAL D MITCHELL
Staff Accountant
Vacant
Accounts Payable Specialist II
YOZETTE IRIS BORGES
Revenue and Collections Manager
KELLI RENEE BEATTY
Metering & Billing Specialist
LACHRISTAL S LEWIS
Revenue Collections Specialist
JEREMIAH S BALLARD
Revenue Supervisor
MISTY MICHELLE SHARP
Revenue Specialist II
CHASITY DANIELLE HIGGINS
Revenue Specialist II
JOHONNE DOMINICK HAMILTON
Revenue Specialist II
STARKISHA MY'KAEL BLACK
Revenue Specialist I
RAQUEL CLAYTON DREWNOWSKI
Financial Analyst
DEBRA KAY JOHNSON
Customer Assistance Program Administrator
PETER WK NIEHAUS
Budget and Financial Reporting Manager
CHRISTINA DIANE CORLEY
Budget Supervisor
ARIANNA BATISTA
Budget Analyst I
DANIELLE BERNADETTE LEE
Budget Analyst I
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor

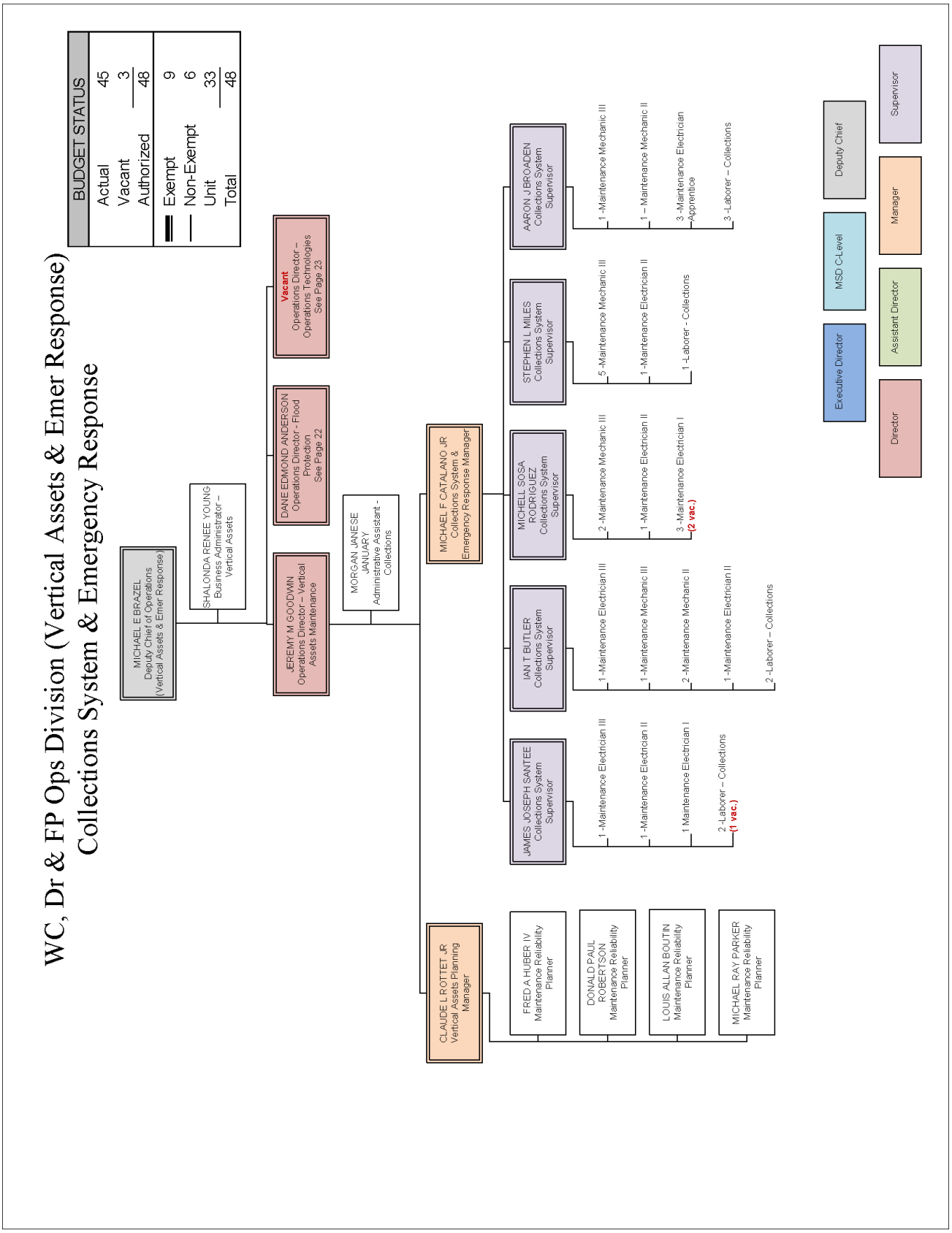

Engineering Division
Engineering Admin, Regulatory Compliance, Records & GIS
BUDGET STATUS
Actual 21.0
Vacant 0.0
Authorized 21.0
Exempt 16.0
Non-Exempt 5.0
Unit 0.0
Total 21.0
DIVISION BUDGET STATUS
Actual 106.0
Vacant 4.0
Authorized 110.0
Exempt 70.0
Non-Exempt 40.0
Unit 0.0
Total 110.0
DAVID W JOHNSON
MSD Chief Engineer
JOHN D LOECHLE
Engineering Technical Services Director
See Page 17 & 18
GARNETT BRADLEY SELCH
Development and Stormwater Services Director
See Page 19
DANIEL H FRENCH
Regulatory Compliance and GIS Director
MICHELLE L SAYLOR
Reg Compliance & GIS Admin Specialist
HEATHER NICHOLE DODDS
Regulatory Compliance and Asset Management Manager
ERIC NORMAN WEIDNER
Engineering Manager – GIS Services
KRISTIE A MALLORY
IPS Business Process Administrator
SCARLETT JANE STAPLETON II
IPS Business Process Analyst
AINSLEY REANNE HOPKINS
IPS Business Process Analyst
LANITA C GRIMES
Regulatory Compliance and Asset Management Analyst II
LOREN M LEVITZ
Regulatory Compliance and Asset Management Analyst III
ISRAEL STEWART
Asset Reliability Analyst II
RYAN T FISHER
Regulatory Compliance and Asset Management Analyst II
ANDREW DAVID HOUGHTALING
Asset Reliability Analyst II
PATRICIA LESLIE DEMPSEY
Regulatory Compliance and Asset Management Analyst I
STACY M PRITCHARD
GIS Data Administrator
MORGAN DOUGLAS KEE
Senior GIS Analyst
GERAMY TODD KURTZ
GIS Analyst II
JOSHUA ADDISON BOREN
GIS Analyst I
SHANNON LEIGH CASASFRANCO
GIS Analyst III
MISTY DAWN PERKINS
GIS Analyst III
ROBERT WILLLIAM BASKETT
GIS Analyst II
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor

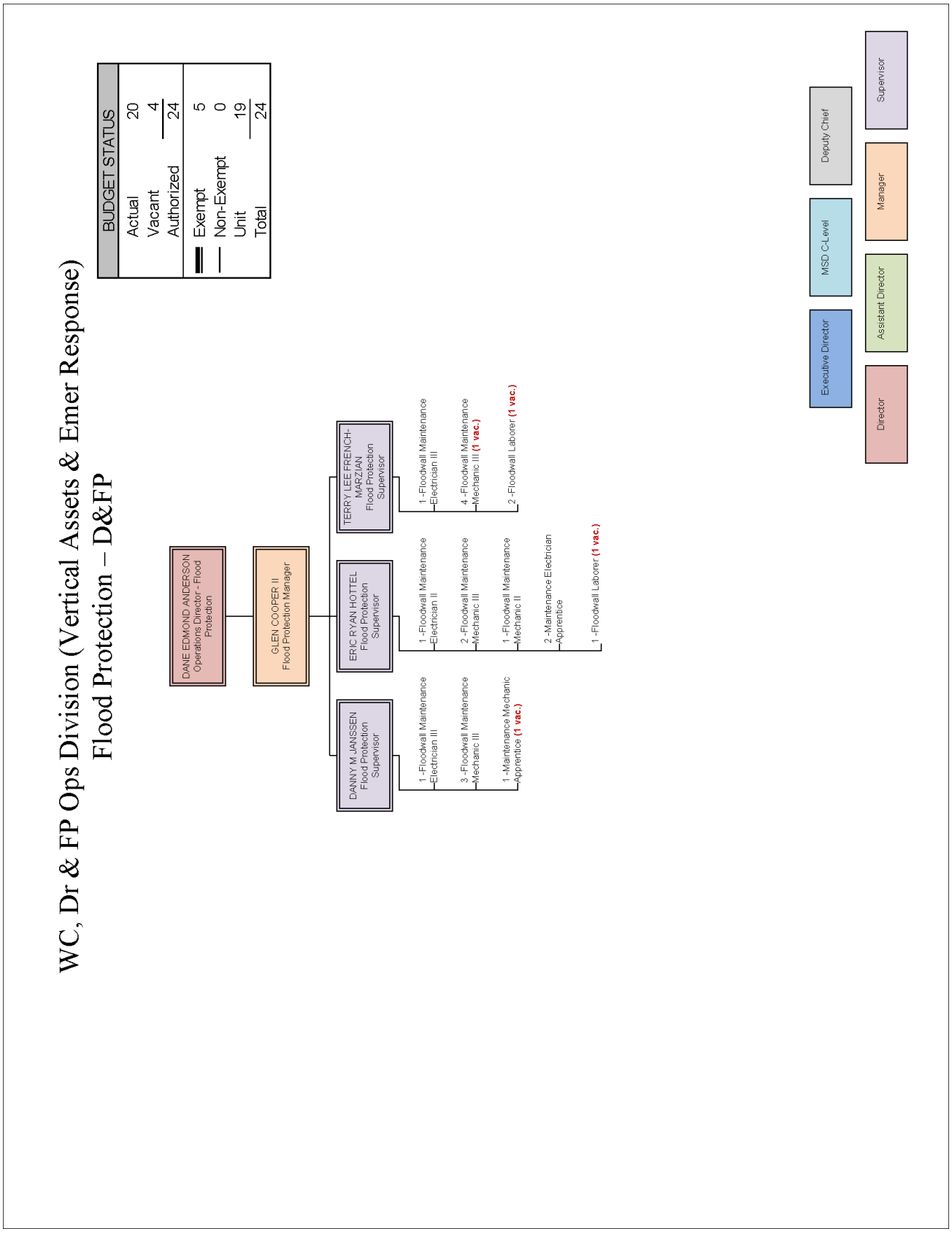

Engineering Division
Engineering Technical Services
BUDGET STATUS
Actual 29.0
Vacant 1.0
Authorized 30.0
Exempt 28.0
Non-Exempt 2.0
Unit 0.0
Total 30.0
JOHN D LOECHLE
Engineering Technical Services Director
KEVIN PATRICK SCHMIDT
Engineering Technician II
STEPHANIE ANN BAKER LAUGHLIN
Assistant Director – Infrastructure Planning
KARSYN CELESTE YATES LANDOR
Engineering Co-Op
CHRISTIAN W MILLER
Infrastructure Planning Manager
NICOLE KRISTINE REFOLO
Infrastructure Planning Program Administrator
DOLLY JEAN SMITH
Senior Project Controls Specialist
KARINA MARIE HENSON
Engineer I
NIA IYANA RIVERS
Grant Administrator
MATTHEW SCOTT GRAVES
Senior Engineer
JASON D DEMPSTER
Associate Engineer II
RACHEL R ALLEN
Associate Engineer II
DARRYL W EVANS
Assistant Director – Electrical Projects
Vacant
Electrical Engineer I
ROBERT E STAUBLE
Construction Inspection Manager
See Page 18
JACOB L MATHIS
Engineering Manager – Collections System & Construction
BRANDON LEE FLAHERTY
Collaborative Delivery Program Administrator
GEORGE STEVEN LEONG
Senior Associate Engineer
ERIC A KARRFALT
Land Acquisition Administrator
WILLIAM JOSEPH ASHBY
Senior Collections System Engineer
BRIAN E BRADLEY
Collections System Projects Administrator
CHRISTOPHER M GREGORY
Senior Associate Engineer
MATTHEW R HAINES
Engineer III
TAYLOR ALEXANDER FRIESZ
Associate Engineer II
QUINN PATRICK CORCORAN
Engineer II
KATHRYN NELL BURTON
Engineer I
WILLIAM RAY MARSHALL
Engineering Manager – Wastewater Treatment
JULIE L POTEMPA
Senior Associate Engineer
MATTHEW GARRETT HARTMAN
Associate Engineer II
CALEB PENCE PRIDDY
Associate Engineer II
STEVEN TERRY COLLETT
Engineer I
Executive Director
MSD C-Level
Deputy Chief
Supervisor
Director
Assistant Director
Manager

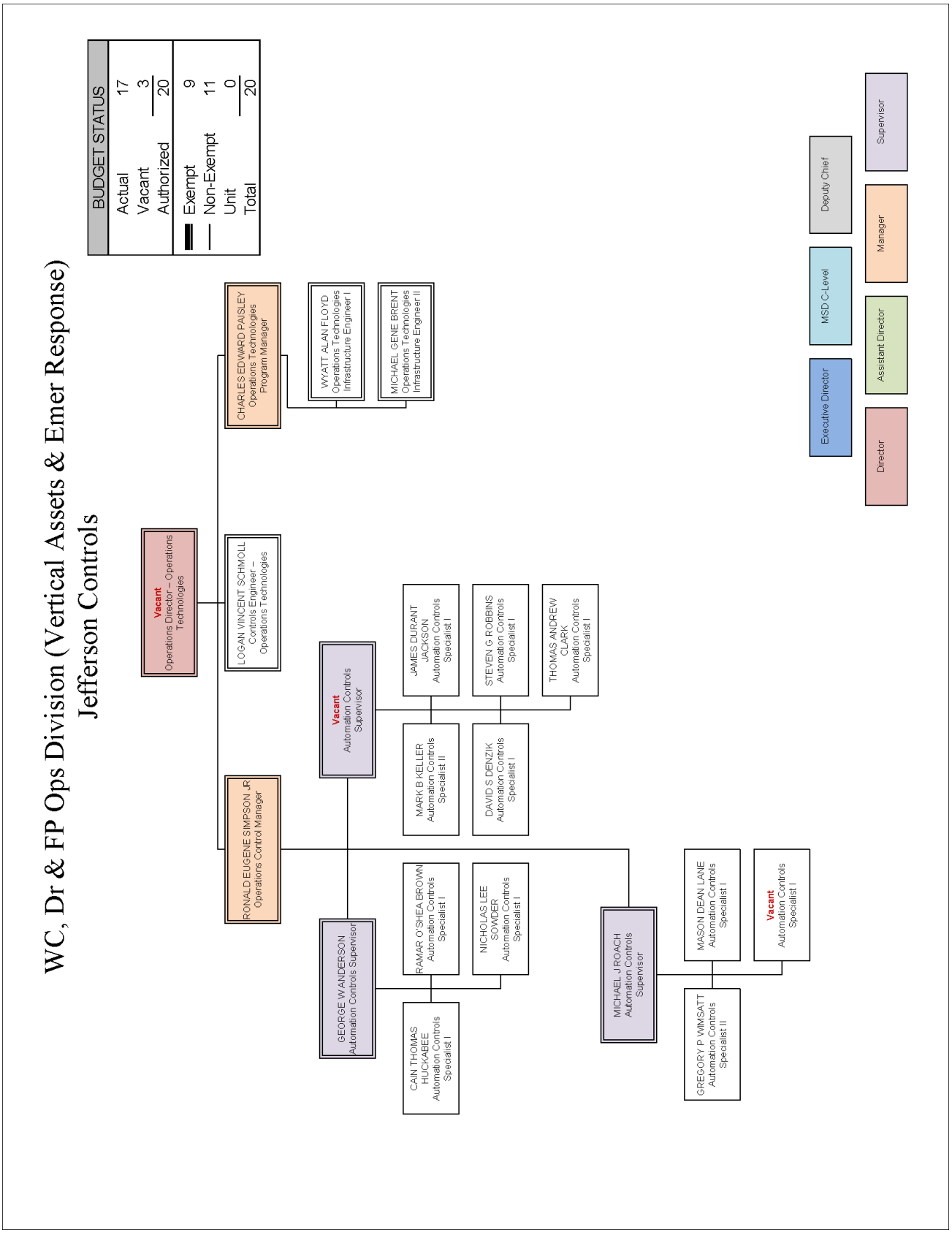

Engineering Division
Engineering Tech Svcs – Construction Inspection
BUDGET STATUS
Actual 25.0
Vacant 0.0
Authorized 25.0
Exempt 6.0
Non-Exempt 19.0
Unit 0.0
Total 25.0
ROBERT E STAUBLE
Construction Inspection Manager
PATRICK TEETER
Construction Administrator
MICHAEL NOLAN
Construction Inspection Supervisor
EVERETT E GREENWOOD JR
Construction Inspector IV
AUSTIN L DUVALL
Construction Inspector III
KALEB A GREEN
Construction Inspector II
RONNIE RICHARDS
Construction Inspector II
LEVI JAMES TAYLOR
Construction Inspector II
BENJAMIN L DISMUKES
Construction Inspection Supervisor
KENNETH MICHAEL KINASZCZUK II
Construction Inspector IV
WILLIAM B GAHAFER
Construction Inspector III
JOSHUA I GARAVES
Construction Inspector III
SCOTT THOMAS DOSS
Construction Inspector II
DAVID M GLENN
Construction Inspector II
MATTHEW JOSHUA LELAND
Construction Inspector II
URIAH AHIJAH MAUDLIN
Construction Inspection Supervisor
DENVER CRAFT JR
Construction Inspector IV
THOMAS WAYNE TAYLOR
Construction Inspector III
DUSTIN IVAN EUGEN FRENCH MARZIAN
Construction Inspector III
KURTIS C MANLEY
Construction Inspector II
ROBERT LOUIS LONG
Construction Inspector II
NICCOLE LEE MARDIS
Construction Inspection Supervisor
STANLEY L GONTERMAN
Construction Inspector IV
JESSE LEE BARRETT
Construction Inspector IV
CONNOR JOSEPH BEISLER
Engineering Technician I
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor

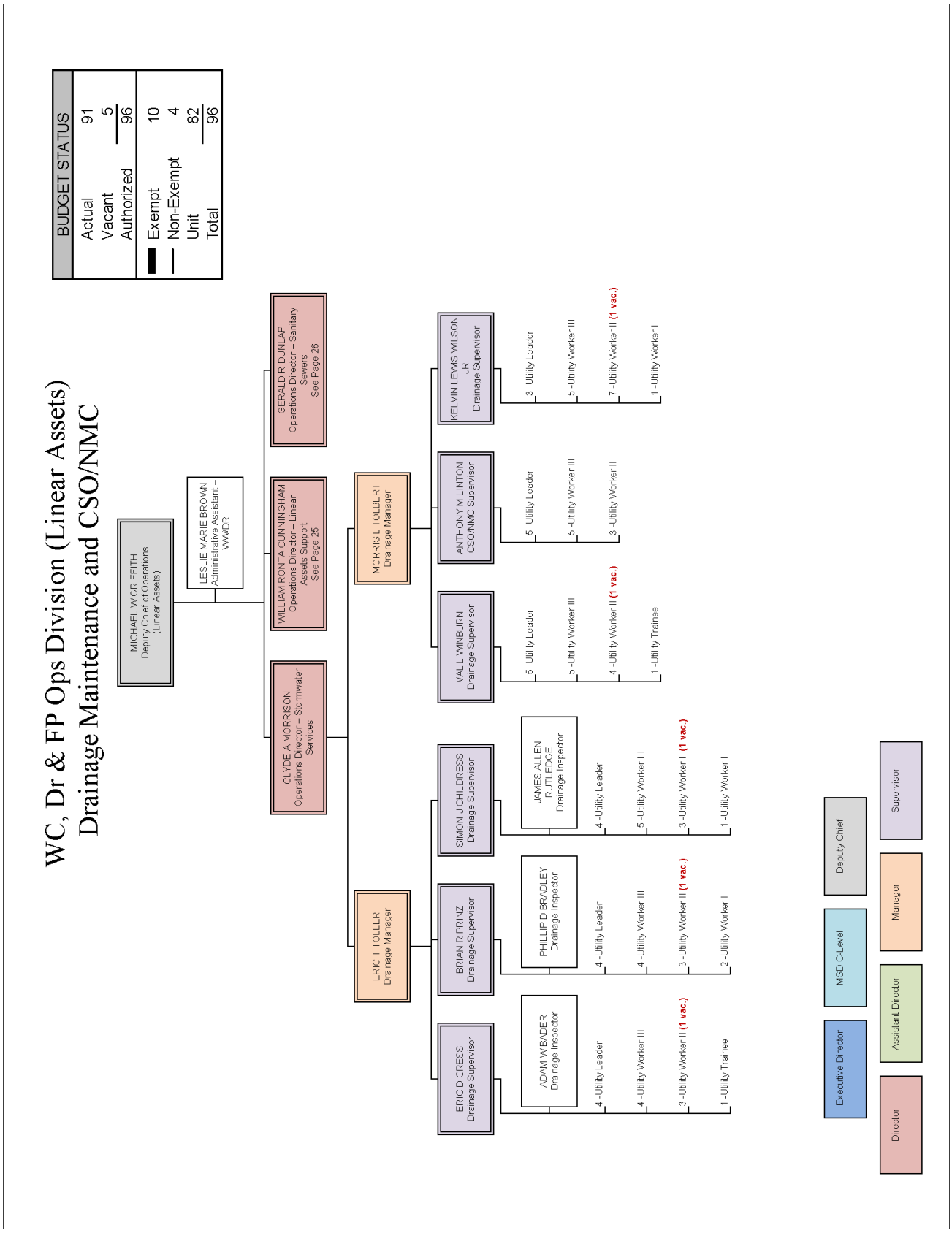

Engineering Division
Development & Stormwater Svcs
BUDGET STATUS
Actual 31.0
Vacant 3.0
Authorized 34.0
Exempt 20.0
Non-Exempt 14.0
Unit 0.0
Total 34.0
GARNETT BRADLEY SELCH
Development and Stormwater Services Director
KELLIE MARIE WALKER
Engineering Administrative Specialist
JOSHUA A DICKERSON
Flood Protection Design Program Manager
RYAN JOSEPH HIATT
Engineer I
GARY R ZOLLMAN
Construction Inspector III
JEFFREY E BROWN
Development Review Manager
Vacant
Senior Engineer
MARK A SITES
Development Infrastructure Planning Administrator
JOSEPH A KELLY
Senior Associate Engineer
BONNIE A BRIGGS
Associate Engineer II
KIMBERLY D LOECHLE
Senior Associate Engineer
Vacant
Associate Engineer I
ANGELA MARIE CHANNELL
Engineering Technician II
LISA ACREE HARDLEY
Senior Associate Engineer
REBECCA ANNE COX
Associate Engineer II
KENNETH G ROGERS
Engineering Technician III
LORI A RAFFERTY
Assistant Director – Stormwater Services
MATTHEW R SCHAAF
Senior Associate Engineer
JOSEPH SAMUEL EXELY
Stormwater Services Manager
LAUREN BUTLER
Engineering Technician III
NICHOLAS J AGE
Engineering Technician III
LARRY E MARSH JR
Engineering Technician II
ROBERT D MARTIN JR
Engineering Technician II
VENKATA D GULLAPALI
Associate Engineer II
VIKKI LEANN HUELSMAN
Plumbing Modification Services Administrator
DERRY L BAKER JR
Engineering Technician III
COLETTE RAE EASTER
MS4 Program Manager
BRETT THOMAS CLARK
MS4 Program Administrator
BENJAMIN R DAVIDSON
Engineering Technician III
ISABELLA MARIE ALTIER
Engineer I
ROBERT TRENT WINLOCK
Engineering Technician III
MEREDITH KAY MEYERS
Engineering Technician III
LACHEL RENAYE WHITE
Engineering Co-Op
Vacant
Engineering Co-Op
Deputy Chief
MSD C-Level
Executive Director
Supervisor
Manager
Assistant Director
Director

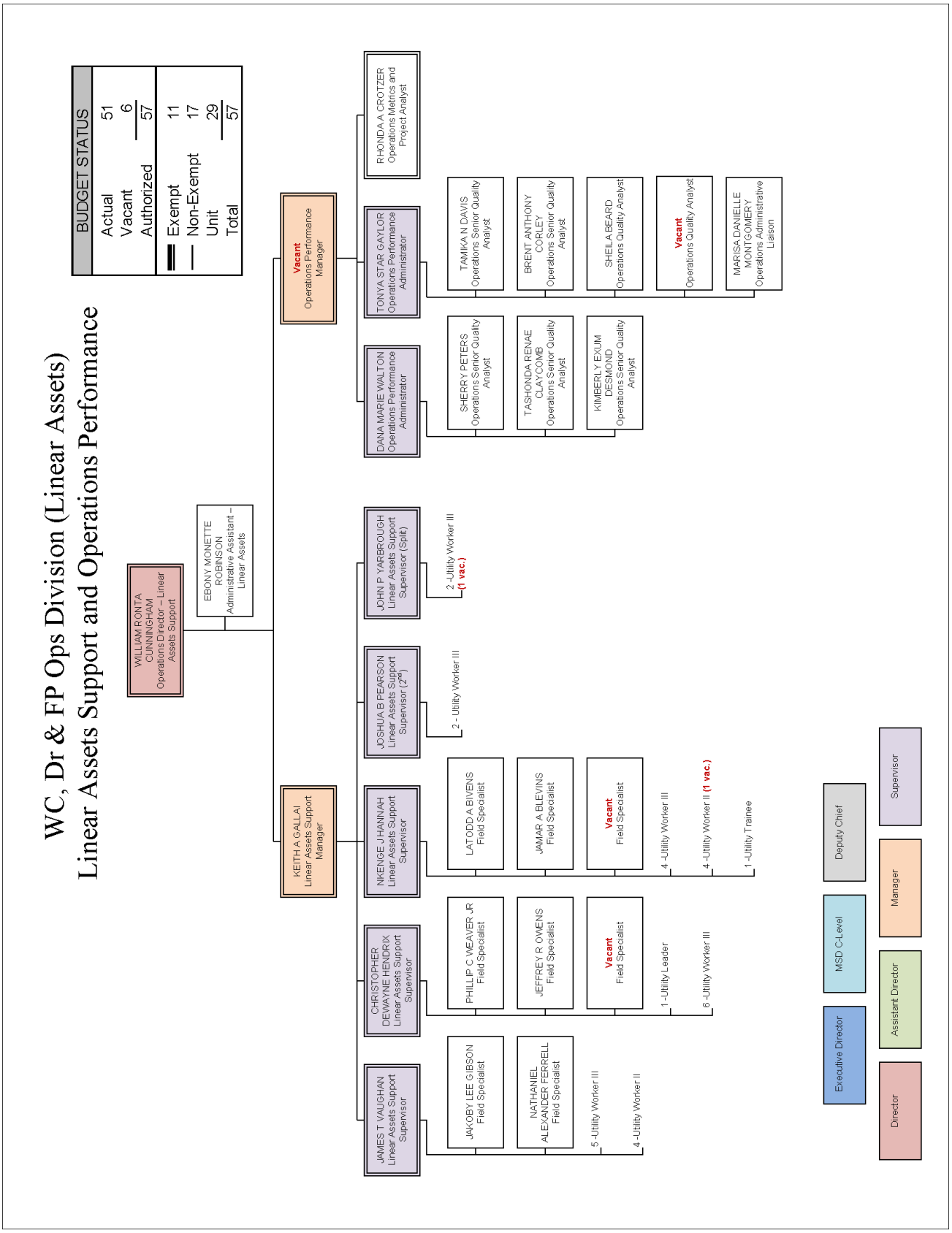

Wastewater Conveyance, Drainage & FP Ops Division
Administration
BUDGET STATUS
Actual 5
Vacant 3
Authorized 8
Exempt 7
Non-Exempt 1
Unit 0
Total 8
DIVISION BUDGET STATUS
Actual 321
Vacant 36
Authorized 357
Exempt 67
Non-Exempt 42
Unit 248
Total 357
WAYNE BRIAN BINGHAM
MSD Chief Operations Officer
(Wstwtr Conveyance, Dr & FP)
MICHAEL E BRAZEL
Deputy Chief of Operations
(Vertical Assets & Emer Response)
See Page 21 - 23
MICHAEL W GRIFFITH
Deputy Chief of Operations
(Linear Assets)
See Pages 24 - 26
Vacant
One Water Fleet Services Director
See Page 27
Vacant
Ops Director – Regulatory and Compliance
Vacant
Emergency Preparedness & Operations Resiliency Administrator
JOSEPH MICHAEL REAGAN
Emergency Preparedness Planner
CHRISTINA GABRIELLA TOMASULO
Operations Special Projects and Programs Manager
TROY A SMITH
Operations Efficiency and Capital Program Administrator
Vacant
SOP Writer
THERESA LYNN SINGLETON
Business Administrator – Operations
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor


WC, Dr & FP Ops Division (Vertical Assets & Emer Response)
Collections System & Emergency Response
BUDGET STATUS
Actual 45
Vacant 3
Authorized 48
Exempt 9
Non-Exempt 6
Unit 33
Total 48
MICHAEL E BRAZEL
Deputy Chief of Operations
(Vertical Assets & Emer Response)
SHALONDA RENEE YOUNG
Business Administrator – Vertical Assets
JEREMY M GOODWIN
Operations Director – Vertical Assets Maintenance
DANE EDMOND ANDERSON
Operations Director - Flood Protection
See Page 22
Vacant
Operations Director – Operations Technologies
See Page 23
MORGAN JANESE JANUARY
Administrative Assistant - Collections
MICHAEL F CATALANO JR
Collections System & Emergency Response Manager
CLAUDE L ROTTET, JR
Vertical Assets Planning Manager
FRED A HUBER IV
Maintenance Reliability Planner
DONALD PAUL ROBERTSON
Maintenance Reliability Planner
LOUIS ALLAN BOUTIN
Maintenance Reliability Planner
MICHAEL RAY PARKER
Maintenance Reliability Planner
JAMES JOSEPH SANTEE
Collections System Supervisor
1 -Maintenance Electrician III
1 -Maintenance Electrician II
1 Maintenance Electrician I
2 -Laborer – Collections
(1 vac.)
IAN T BUTLER
Collections System Supervisor
1 -Maintenance Electrician III
1 -Maintenance Mechanic III
2 -Maintenance Mechanic II
1 -Maintenance Electrician II
2 -Laborer – Collections
MICHELL SOSA RODRIGUEZ
Collections System Supervisor
2 -Maintenance Mechanic III
1 -Maintenance Electrician II
3 -Maintenance Electrician I
(2 vac.)
STEPHEN L MILES
Collections System Supervisor
5 -Maintenance Mechanic III
1 -Maintenance Electrician II
1 -Laborer - Collections
AARON J BROADEN
Collections System Supervisor
1 -Maintenance Mechanic III
1 – Maintenance Mechanic II
3 -Maintenance Electrician Apprentice
3 -Laborer – Collections
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor


WC, Dr & FP Ops Division (Vertical Assets & Emer Response)
Flood Protection – D&FP
BUDGET STATUS
Actual 20
Vacant 4
Authorized 24
Exempt 5
Non-Exempt 0
Unit 19
Total 24
DANE EDMOND ANDERSON
Operations Director - Flood Protection
GLEN COOPER II
Flood Protection Manager
DANNY M JANSSEN
Flood Protection Supervisor
1 -Floodwall Maintenance Electrician III
3 -Floodwall Maintenance Mechanic III
1 -Maintenance Mechanic Apprentice (1 vac.)
ERIC RYAN HOTTEL
Flood Protection Supervisor
1 -Floodwall Maintenance Electrician II
2 -Floodwall Maintenance Mechanic III
1 -Floodwall Maintenance Mechanic II
2 -Maintenance Electrician Apprentice
1 -Floodwall Laborer (1 vac.)
TERRY LEE FRENCH-MARZJAN
Flood Protection Supervisor
1 -Floodwall Maintenance Electrician III
4 -Floodwall Maintenance Mechanic III (1 vac.)
2 -Floodwall Laborer (1 vac.)
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor

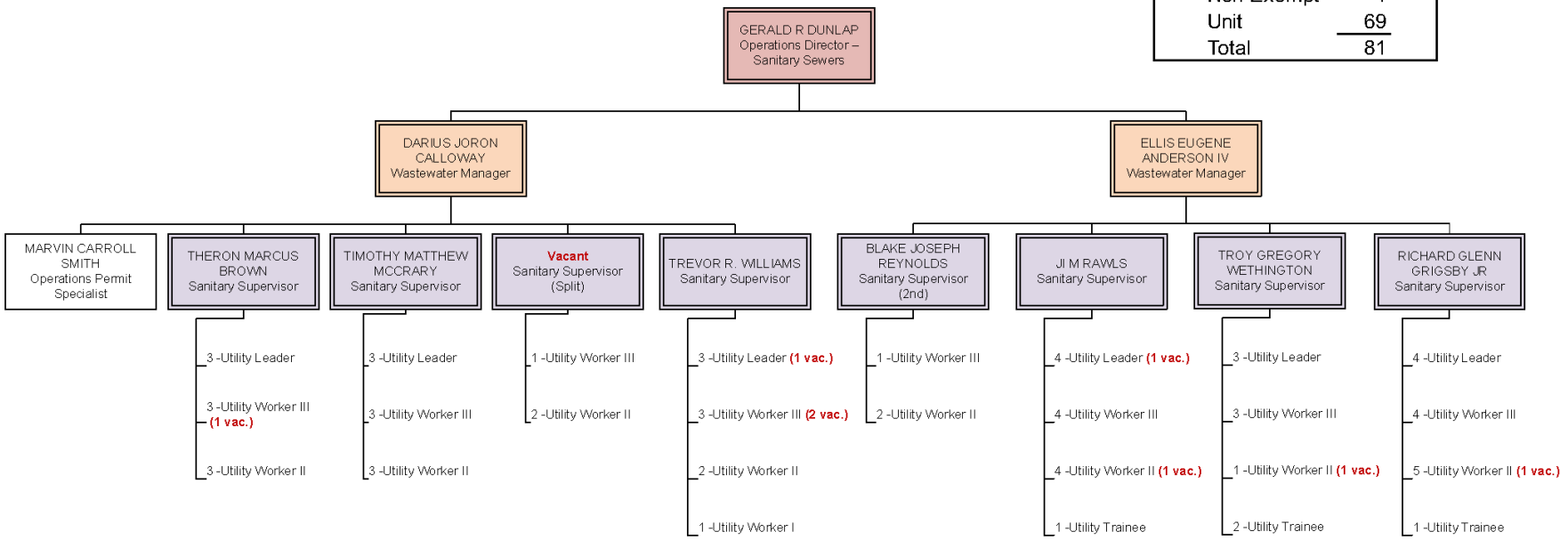

WC, Dr & FP Ops Division (Vertical Assets & Emer Response)
Jefferson Controls
BUDGET STATUS
Actual 17
Vacant 3
Authorized 20
Exempt 9
Non-Exempt 11
Unit 0
Total 20
Vacant
Operations Director – Operations Technologies
CHARLES EDWARD PAISLEY
Operations Technologies
Program Manager
WYATT ALAN FLOYD
Operations Technologies
Infrastructure Engineer I
MICHAEL GENE BRENT
Operations Technologies
Infrastructure Engineer II
LOGAN VINCENT SCHMOLL
Controls Engineer – Operations Technologies
RONALD EUGENE SIMPSON JR
Operations Control Manager
Vacant
Automation Controls Supervisor
JAMES DURANT JACKSON
Automation Controls Specialist I
STEVEN G ROBBINS
Automation Controls Specialist I
THOMAS ANDREW CLARK
Automation Controls Specialist I
MARK B KELLER
Automation Controls Specialist II
DAVID S DENZIK
Automation Controls Specialist I
GEORGE W ANDERSON
Automation Controls Supervisor
RAMAR O'SHEA BROWN
Automation Controls Specialist I
NICHOLAS LEE SOWDER
Automation Controls Specialist I
CAIN THOMAS HUCKABEE
Automation Controls Specialist I
MICHAEL J ROACH
Automation Controls Supervisor
MASON DEAN LANE
Automation Controls Specialist I
Vacant
Automation Controls Specialist I
GREGORY P WIMSATT
Automation Controls Specialist II
Deputy Chief
MSD C-Level
Executive Director
Supervisor
Manager
Assistant Director
Director

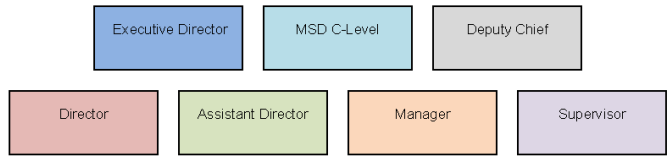

WC, Dr & FP Ops Division (Linear Assets)
Drainage Maintenance and CSO/NMC
BUDGET STATUS
Actual 91
Vacant 5
Authorized 96
Exempt 10
Non-Exempt 4
Unit 82
Total 96
MICHAEL W GRIFFITH
Deputy Chief of Operations
(Linear Assets)
LESLIE MARIE BROWN
Administrative Assistant – WWDR
CLYDE A MORRISON
Operations Director – Stormwater Services
WILLIAM RONTA CUNNINGHAM
Operations Director – Linear Assets Support
See Page 25
GERALD R DUNLAP
Operations Director – Sanitary Sewers
See Page 26
ERIC T TOLLER
Drainage Manager
MORRIS L TOLBERT
Drainage Manager
ERIC D CRESS
Drainage Supervisor
ADAM W BADER
Drainage Inspector
4 -Utility Leader
4 -Utility Worker III
3 -Utility Worker II (1 vac.)
1 -Utility Trainee
BRIAN R PRINZ
Drainage Supervisor
PHILLIP D BRADLEY
Drainage Inspector
4 -Utility Leader
4 -Utility Worker III
3 -Utility Worker II (1 vac.)
2 -Utility Worker I
SIMON J CHILDRESS
Drainage Supervisor
JAMES ALLEN RUTLEDGE
Drainage Inspector
4 -Utility Leader
5 -Utility Worker III
3 -Utility Worker II (1 vac.)
1 -Utility Worker I
VAL L WINBURN
Drainage Supervisor
5 -Utility Leader
5 -Utility Worker III
4 -Utility Worker II (1 vac.)
1 -Utility Trainee
ANTHONY M LINTON
CSO/NMC Supervisor
5 -Utility Leader
5 -Utility Worker III
3 -Utility Worker II
KELVIN LEWIS WILSON JR
Drainage Supervisor
3 -Utility Leader
5 -Utility Worker III
7 -Utility Worker II (1 vac.)
1 -Utility Worker I
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor


WC, Dr & FP Ops Division (Linear Assets)
Linear Assets Support and Operations Performance
BUDGET STATUS
Actual 51
Vacant 6
Authorized 57
Exempt 11
Non-Exempt 17
Unit 29
Total 57
WILLIAM RONTA CUNNINGHAM
Operations Director – Linear Assets Support
EBONY MONETTE ROBINSON
Administrative Assistant – Linear Assets
KEITH A GALLAI
Linear Assets Support Manager
Vacant
Operations Performance Manager
RHONDA A CROTZER
Operations Metrics and Project Analyst
TONYA STAR GAYLOR
Operations Performance Administrator
TAMIKA N DAVIS
Operations Senior Quality Analyst
BRENT ANTHONY CORLEY
Operations Senior Quality Analyst
SHEILA BEARD
Operations Quality Analyst
Vacant
Operations Quality Analyst
MARISA DANIELLE MONTGOMERY
Operations Administrative Liaison
DANA MARIE WALTON
Operations Performance Administrator
SHERRY PETERS
Operations Senior Quality Analyst
TASHONDA RENAE CLAYCOMB
Operations Senior Quality Analyst
KIMBERLY EXUM DESMOND
Operations Senior Quality Analyst
JOHN P YARBROUGH
Linear Assets Support Supervisor (Split)
2 -Utility Worker III (1 vac.)
JOSHUA B PEARSON
Linear Assets Support Supervisor (2nd)
2 - Utility Worker III
NKENGE J HANNAH
Linear Assets Support Supervisor
LATODD A BIVENS
Field Specialist
JAMAR A BLEVINS
Field Specialist
Vacant
Field Specialist
4 -Utility Worker III
4 -Utility Worker II (1 vac.)
1 -Utility Trainee
CHRISTOPHER DEWAYNE HENDRIX
Linear Assets Support Supervisor
PHILLIP C WEAVER JR
Field Specialist
JEFFREY R OWENS
Field Specialist
Vacant
Field Specialist
1 -Utility Leader
6 -Utility Worker III
JAMES T VAUGHAN
Linear Assets Support Supervisor
JAKOBY LEE GIBSON
Field Specialist
NATHANIEL ALEXANDER FERRELL
Field Specialist
5 -Utility Worker III
4 -Utility Worker II
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor

WC, Dr & FP Ops Division (Linear Assets)
Jefferson Sanitary

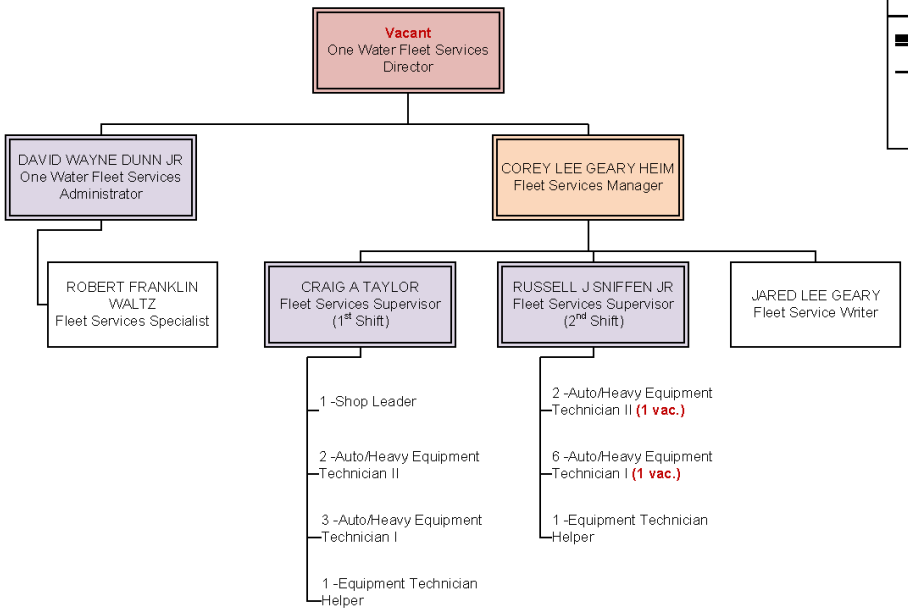
BUDGET STATUS	
Actual	72
Vacant	9
Authorized	81
Exempt	11
Non-Exempt	1
Unit	69
Total	81





WC, Dr & FP Ops Division
Fleet Services

BUDGET STATUS	
Actual	20
Vacant	3
Authorized	23
Exempt	5
Non-Exempt	2
Unit	16
Total	23



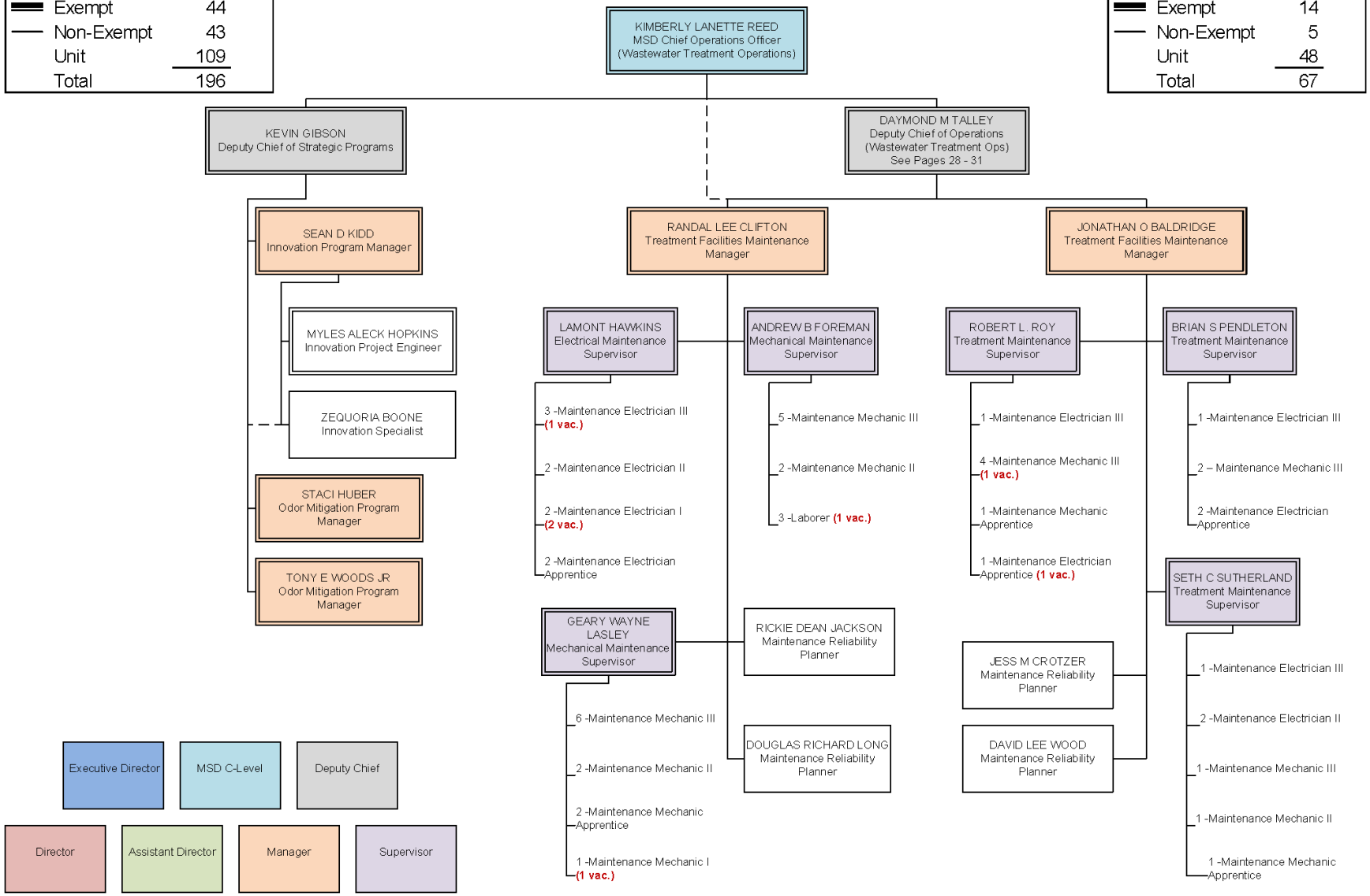
Executive Director | MSD C-Level | Deputy Chief

Director | Assistant Director | Manager | Supervisor

Wastewater Treatment Operations Division
Strategic Programs and Treatment Maintenance

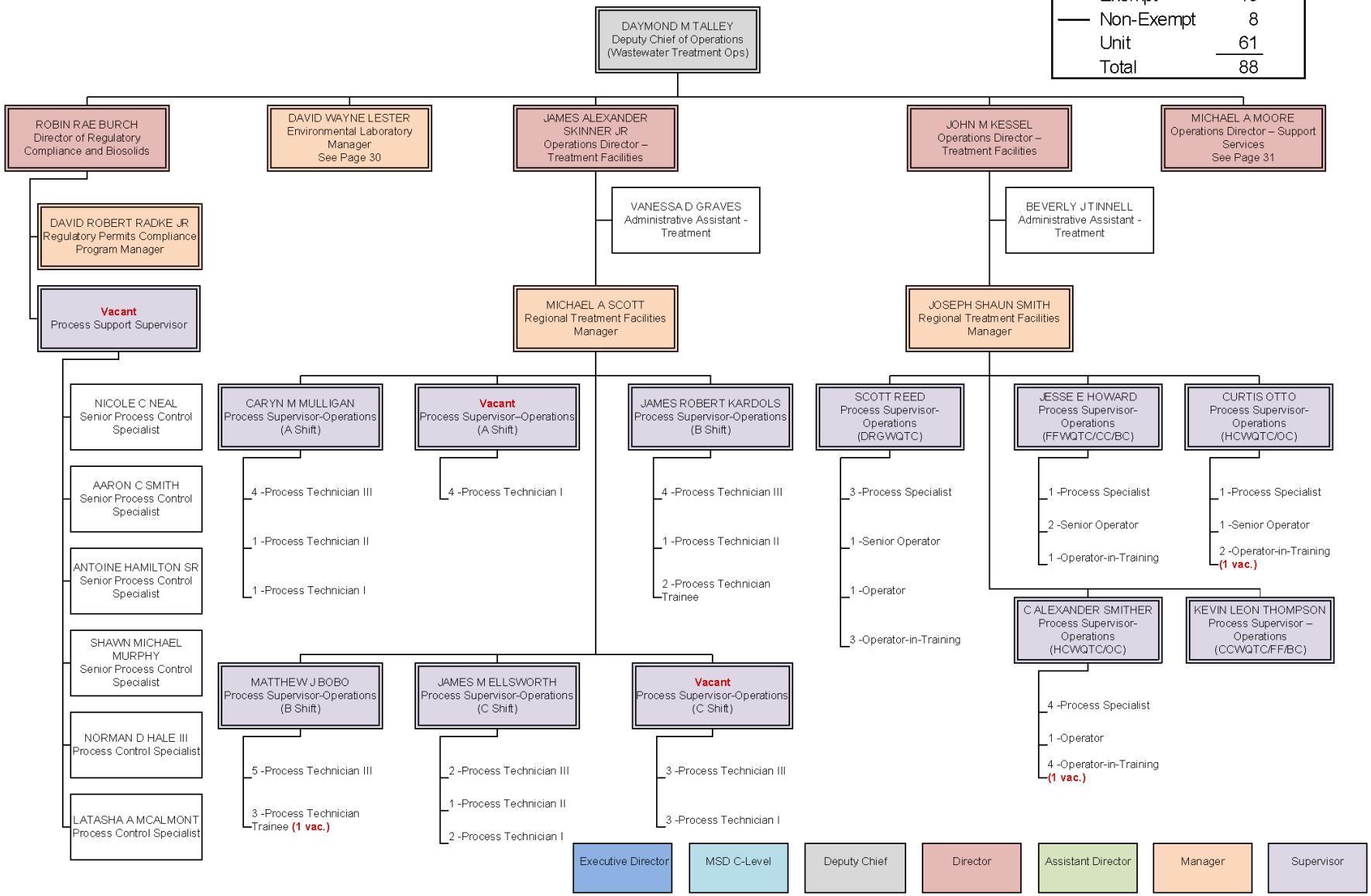
DIVISION BUDGET STATUS	
Actual	181
Vacant	15
Authorized	196
Exempt	44
Non-Exempt	43
Unit	109
Total	196

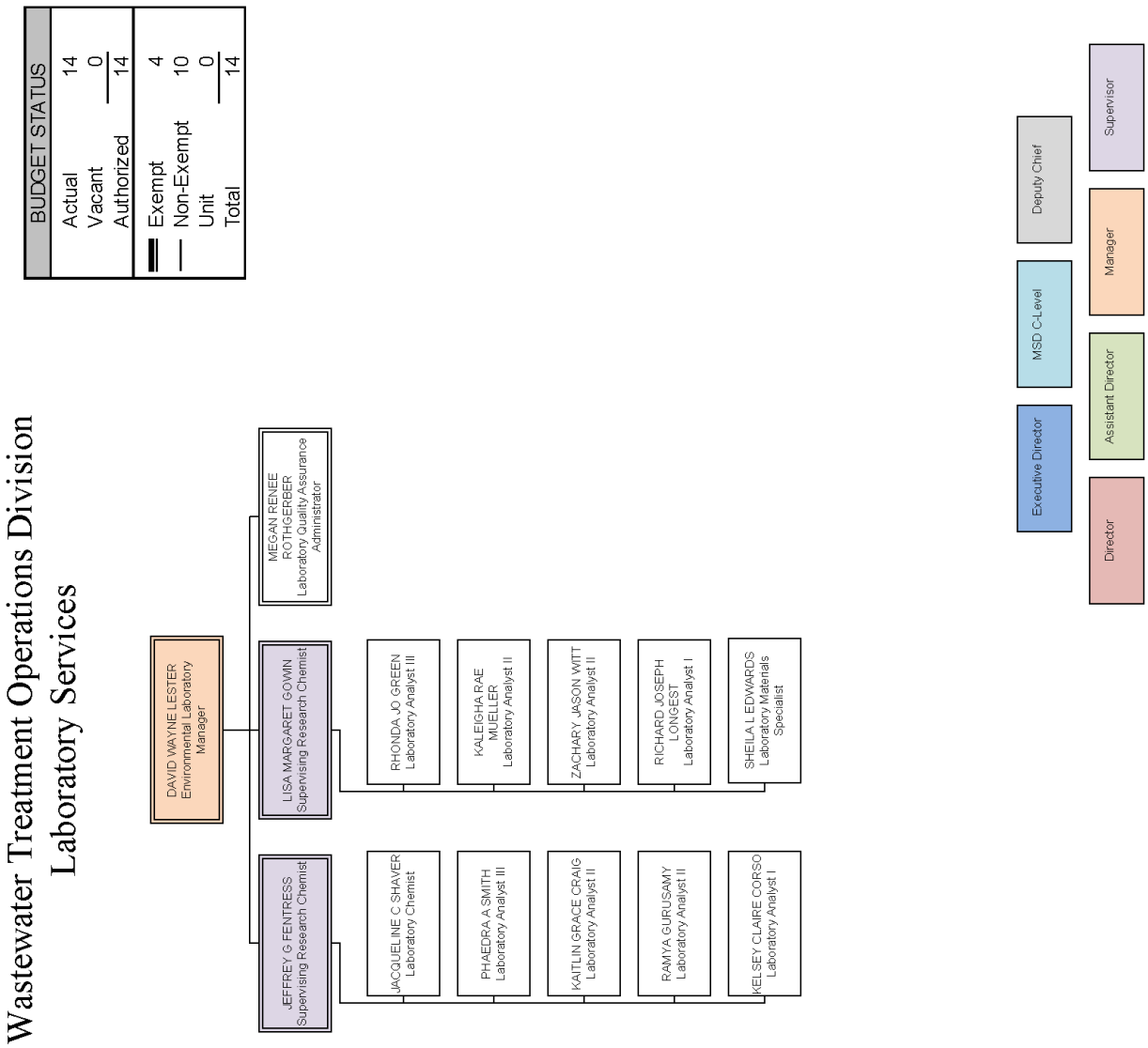
BUDGET STATUS	
Actual	60
Vacant	7
Authorized	67
Exempt	14
Non-Exempt	5
Unit	48
Total	67



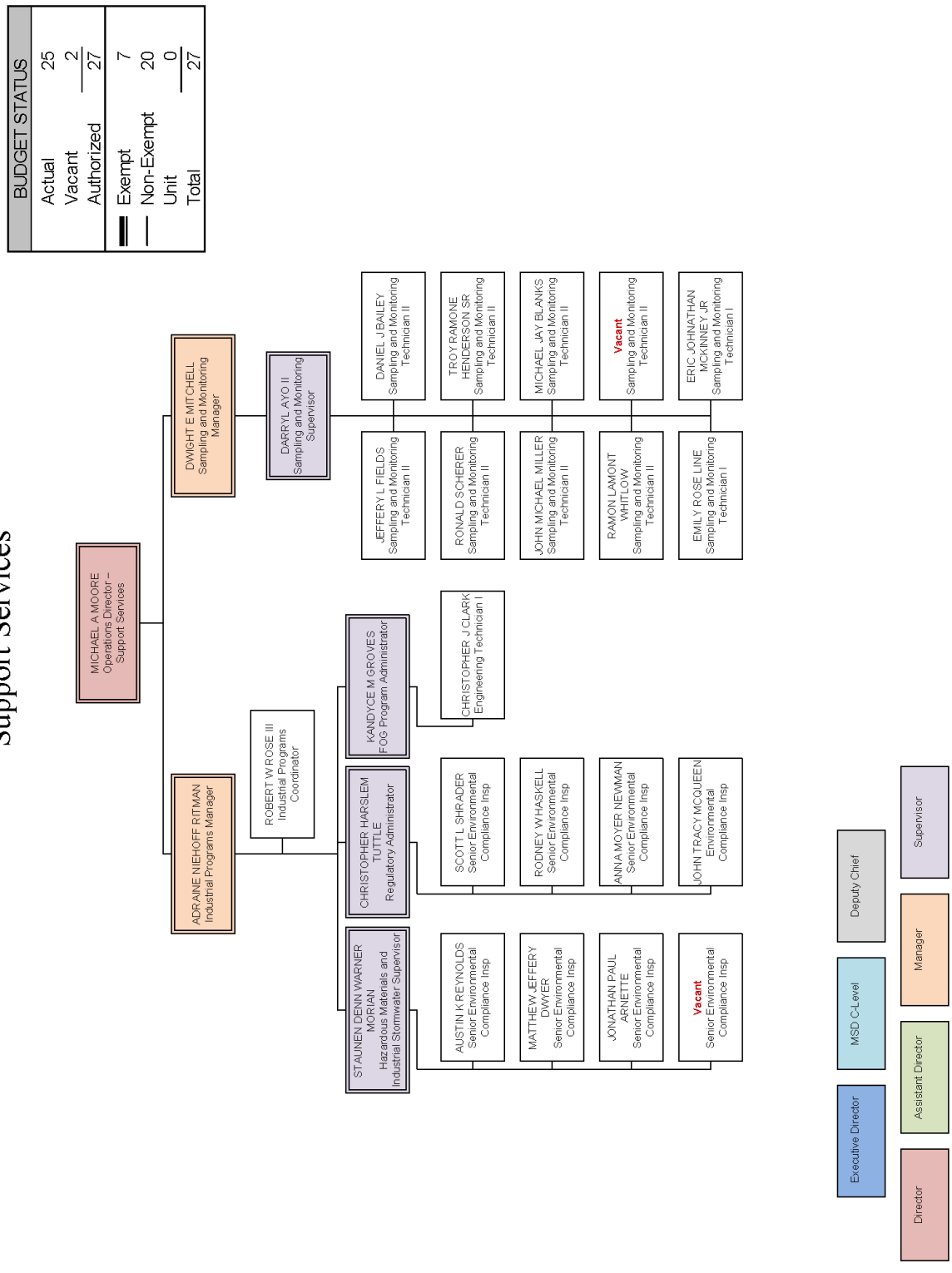
Wastewater Treatment Operations Division
Treatment Facilities

BUDGET STATUS	
Actual	82
Vacant	6
Authorized	88
Exempt	19
Non-Exempt	8
Unit	61
Total	88




Wastewater Treatment Operations Division
Laboratory Services
BUDGET STATUS
Actual 14
Vacant 0
Authorized 14
Exempt 4
Non-Exempt 10
Unit 0
Total 14
DAVID WAYNE LESTER
Environmental Laboratory Manager
MEGAN RENEE ROTHGERBER
Laboratory Quality Assurance Administrator
LISA MARGARET GOWIN
Supervising Research Chemist
RHONDA JO GREEN
Laboratory Analyst III
KALEIGHA RAE MUELLER
Laboratory Analyst II
ZACHARY JASON WITT
Laboratory Analyst II
RICHARD JOSEPH LONGEST
Laboratory Analyst I
SHEILA L EDWARDS
Laboratory Materials Specialist
JEFFREY G FENTRESS
Supervising Research Chemist
JACQUELINE C SHAVER
Laboratory Chemist
PHAEDRA A SMITH
Laboratory Analyst III
KAITLIN GRACE CRAIG
Laboratory Analyst II
RAMYA GURUSAMY
Laboratory Analyst II
KELSEY CLAIRE CORSO
Laboratory Analyst I
Executive Director
MSD C-Level
Deputy Chief
Director
Assistant Director
Manager
Supervisor

Wastewater Treatment Operations Division
Support Services



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Appendix M SCAP Balance

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CREDIT BASIN	APPLICATION	APPLICATION NAME	TYPE	FLOW (GAL/DAY)	RELEASE DATE	APPROVED CREDIT REQUIRED OR FLOW REDUCTION (GAL/DAY)	RUNNING TOTAL (GAL/DAY)
Cedar Creek	235533	MAINTENANCE WORK FY06 AUG-FY09 NOV - CEDAR CREEK	SCAPCREDIT		11/1/2008	6521	6521
Cedar Creek	362688	MAINTENANCE WORK FY09A - CEDAR CREEK	SCAPCREDIT		12/31/2008	5	6526
Cedar Creek	236380	FY09 FAIRMOUNT ROAD MH REHAB	SCAPCREDIT		6/5/2009	10734	17260
Cedar Creek	362689	MAINTENANCE WORK FY09B - CEDAR CREEK	SCAPCREDIT		6/30/2009	201	17461
Cedar Creek	SC1011254	MAINTENANCE WORK FY10A - CEDAR CREEK	SCAPCREDIT		12/31/2009	347	17808
Cedar Creek	SC1011255	MAINTENANCE WORK FY10B - CEDAR CREEK	SCAPCREDIT		6/30/2010	194	18002
Cedar Creek	SC1011259	MAINTENANCE WORK FY11A - CEDAR CREEK	SCAPCREDIT		12/31/2010	1720	19722
Cedar Creek	SC1011262	MAINTENANCE WORK FY11B - CEDAR CREEK	SCAPCREDIT		6/30/2011	934	20656
Cedar Creek	SC1011264	MAINTENANCE WORK FY12A - CEDAR CREEK	SCAPCREDIT		12/31/2011	269	20925
Cedar Creek	SC1011267	MAINTENANCE WORK FY12B - CEDAR CREEK	SCAPCREDIT		6/30/2012	814	21739
Cedar Creek	SC1005519	CONTRACTED WORK FY12 - CEDAR CREEK	SCAPCREDIT		9/10/2012	21321	43060
Cedar Creek	320989	FY12 LITTLE CEDAR CREEK I/I REHABILITATION	SCAPCREDIT		9/27/2012	652907	695967
Cedar Creek	263934	ST JAMES CROSSINGS	LAT EXT	9000	11/30/2012	-19575	676392
Cedar Creek	196927	SONIC SPRINGS	LAT EXT	3600	12/5/2012	-7830	668562
Cedar Creek	350057	FMC EAST LOUISVILLE #1673-3	LAT EXT	3400	1/29/2013	-7395	661167
Cedar Creek	SC1074160	MAINTENANCE WORK FY13 JAN-JUN - CEDAR CREEK	SCAPCREDIT		6/30/2013	4443	665610
Cedar Creek	SC1005524	CONTRACTED WORK FY13 - CEDAR CREEK	SCAPCREDIT		8/19/2013	425	666035
Cedar Creek	SC1082184	MAINTENANCE WORK FY14 JUL-DEC - CEDAR CREEK	SCAPCREDIT		12/31/2013	1482	667517
Cedar Creek	14SC1000	MAINTENANCE WORK FY13A - CEDAR CREEK	SCAPCREDIT		12/31/2013	2220	669737
Cedar Creek	13LE1155	RAISING CANE'S CEDARLOOK DRIVE	LAT EXT	1175	5/23/2014	-2556	667181
Cedar Creek	SC1082223	MAINTENANCE WORK FY14 JAN-JUN- CEDAR CREEK	SCAPCREDIT		6/30/2014	4729	671910
Cedar Creek	SC1082493	MAINTENANCE WORK FY15 JUL-DEC-CEDAR CREEK	SCAPCREDIT		12/30/2014	4583	676493
Cedar Creek	239030	POPLAR LAKES PH 1	LAT EXT	18000	1/26/2015	-39150	637343
Cedar Creek	13LE1003	Bardstown Woods Sec 6	LAT EXT	5200	5/26/2015	-11310	626033
Cedar Creek	SC1082496	MAINTENANCE WORK FY15 JAN-JUN-CEDAR CREEK	SCAPCREDIT		6/30/2015	21	626054
Cedar Creek	LE916330	Altawood Development	LAT EXT	1600	9/14/2015	-3480	622574
Cedar Creek	SC1003694	CONTRACTED WORK FY15 - CEDAR CREEK	SCAPCREDIT		9/25/2015	328	622902
Cedar Creek	SC1006188	CONTRACTED WORK FY16 - CEDAR CREEK	SCAPCREDIT		9/25/2015	1	622903
Cedar Creek	SC1109797	FY16 JEFFERSONTOWN WQTC ELIMINATION CREDIT CCREEK	SCAPCREDIT		12/23/2015	-81624	541279
Cedar Creek	SC1082497	MAINTENANCE WORK FY16 JUL-DEC-CEDAR CREEK	SCAPCREDIT		12/30/2015	16	541295
Cedar Creek	LE915727	BARDSTOWN WOODS SEC 7	LAT EXT	4400	5/25/2016	-9570	531725
Cedar Creek	SC1082498	MAINTENANCE WORK FY16 JAN-JUN-CEDAR CREEK	SCAPCREDIT		6/30/2016	169	531894
Cedar Creek	LE981692	Meredith Machinery	LAT EXT	400	8/9/2016	-870	531024
Cedar Creek	SC1006171	CONTRACTED WORK FY14 - CEDAR CREEK	SCAPCREDIT		10/26/2016	45900	576924
Cedar Creek	SC1082499	MAINTENANCE WORK FY17 JUL-DEC-CEDAR CREEK	SCAPCREDIT		12/30/2016	2396	579320
Cedar Creek	LE979589	Air Hydro Power Expansion	LAT EXT	3120	2/9/2017	-6786	572534
Cedar Creek	LE979025	Single Family Residence	LAT EXT	2000	3/8/2017	-4350	568184

CREDIT BASIN	APPLICATION	APPLICATION NAME	TYPE	FLOW (GAL/DAY)	RELEASE DATE	APPROVED CREDIT REQUIRED OR FLOW REDUCTION (GAL/DAY)	RUNNING TOTAL (GAL/DAY)
Cedar Creek	SC1082500	MAINTENANCE WORK FY17 JAN-JUN-CEDAR CREEK	SCAPCREDIT		6/30/2017	3464	571648
Cedar Creek	SC1107176	CONTRACTED WORK FY17 - CEDAR CREEK	SCAPCREDIT		7/11/2017	309	571957
Cedar Creek	SC1107180	FY17 PROVIDENCE COURT PS REHABILITATION	SCAPCREDIT		7/21/2017	1275	573232
Cedar Creek	LE974484	Blue Sky Logistical Center	LAT EXT	2250	7/26/2017	-4894	568338
Cedar Creek	LE983107	Poplar Lakes Phase 3	LAT EXT	12000	8/14/2017	-26100	542238
Cedar Creek	LE971176	Cedar Ridge	LAT EXT	18800	10/24/2017	-40890	501348
Cedar Creek	SC1082501	MAINTENANCE WORK FY18 JUL-DEC-CEDAR CREEK	SCAPCREDIT		12/30/2017	3067	504415
Cedar Creek	LE1027406	Chenoweth Run, LLC	LAT EXT	1600	3/13/2018	-3480	500935
Cedar Creek	LE1005655	Carrier Court	LAT EXT	400	4/2/2018	-870	500065
Cedar Creek	SC1107051	FY18 BARDSTOWN RD I/I REMEDIATION	SCAPCREDIT		6/25/2019	22963	523028
Cedar Creek	SC1109831	MAINTENANCE WORK FY19 CEDAR CREEK	SCAPCREDIT		6/30/2019	9348	532376
Cedar Creek	LE1048252	Landherr Estates Phase II	LAT EXT	17600	7/23/2019	-38280	494096
Cedar Creek	LE1039387	Tuscany Ridge Section 3	LAT EXT	8000	8/16/2019	-17400	476696
Cedar Creek	LE1049657	Little Spring Farm, Section 4B	LAT EXT	14000	9/12/2019	-30450	427106
Cedar Creek	LE1015579	Glenmary Commons	LAT EXT	8800	9/12/2019	-19140	457556
Cedar Creek	LE978334	Houchens Industries	LAT EXT	780	10/2/2019	-1697	425409
Cedar Creek	LE1049477	Hearthstone Meadows	LAT EXT	14400	1/30/2020	-31320	394089
Cedar Creek	LE1085520	Jefferson Trace Blvd. Sewer Extension	LAT EXT	400	2/27/2020	-870	393219
Cedar Creek	SC1109841	MAINTENANCE WORK FY20 CEDAR CREEK	SCAPCREDIT		6/30/2020	3365	396584
Cedar Creek	LE1099947	Cedar Creek Subdivision - Section 1	LAT EXT	16000	9/10/2020	-34800	361784
Cedar Creek	LE1057197	Cedar Brook Subdivision Section 4	LAT EXT	1200	10/27/2020	-2610	359174
Cedar Creek	LE1105493	Heritage Creek East Lot 384 PSC	LAT EXT	400	2/19/2021	-870	358304
Cedar Creek	SC1109851	MAINTENANCE WORK FY21 CEDAR CREEK	SCAPCREDIT		6/30/2021	2229	360533
Cedar Creek	LE1089846	Cedar Brook Subdivision, Section 5A FKA 5	LAT EXT	16400	11/3/2021	-35670	324863
Cedar Creek	SC1109766	CONTRACTED WORK FY22 - CEDAR CREEK	SCAPCREDIT		6/29/2022	25770	350633
Cedar Creek	SC1109881	MAINTENANCE WORK FY22 CEDAR CREEK	SCAPCREDIT		6/30/2022	4466	355099
Cedar Creek	LE1031168	Wingfield Road Office Building	LAT EXT	400	7/21/2022	-870	354229
Cedar Creek	SC1110773	MAINTENANCE WORK FY23 CEDAR CREEK	SCAPCREDIT		6/30/2023	1604	355833
Cedar Creek	SC1107537	CONTRACTED WORK FY23 - CEDAR CREEK	SCAPCREDIT		9/8/2023	67365	423198
Cedar Creek	SC1110942	MAINTENANCE WORK FY24 CEDAR CREEK	SCAPCREDIT		6/30/2024	4643	427841
Cedar Creek	LE1108153	Windcrest Farms Subdivision Section 2A & 2B	LAT EXT	14400	7/31/2024	-31320	396521
Cedar Creek							396521
Floyds Fork	235557	MAINTENANCE WORK FY06 AUG-FY09 NOV - FLOYDS FORK	SCAPCREDIT		11/1/2008	14540	14540
Floyds Fork	362638	MAINTENANCE WORK FY09A - FLOYDS FORK	SCAPCREDIT		12/31/2008	1	14541
Floyds Fork	362647	MAINTENANCE WORK FY09B - FLOYDS FORK	SCAPCREDIT		6/30/2009	4	14545
Floyds Fork	362651	MAINTENANCE WORK FY10A - FLOYDS FORK	SCAPCREDIT		12/31/2009	524	15069
Floyds Fork	230379	SHAKES RUN SECTION 4	LAT EXT	3770	1/5/2010	-8200	6869

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Floyds Fork	362655	MAINTENANCE WORK FY10B - FLOYDS FORK	SCAPCREDIT		6/30/2010	82	6951
Floyds Fork	362661	MAINTENANCE WORK FY11A - FLOYDS FORK	SCAPCREDIT		12/31/2010	14163	21114
Floyds Fork	362669	MAINTENANCE WORK FY11B - FLOYDS FORK	SCAPCREDIT		6/30/2011	22707	43821
Floyds Fork	309608	BLANKENBAKER TRAIL OFFICE LN-B	LAT EXT	2880	10/12/2011	-6264	37557
Floyds Fork	242480	CLAIBOURNE CROSSINGS PHASE 2	LAT EXT	0	10/17/2011	0	37557
Floyds Fork	359320	MAINTENANCE WORK FY12A - FLOYDS FORK	SCAPCREDIT		12/31/2011	4000	41557
Floyds Fork	362674	CALENDAR 2011 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2011	317	41874
Floyds Fork	319027	PREMIER SURGERY CENTER	LAT EXT	5740	3/13/2012	-12485	29389
Floyds Fork	362678	MAINTENANCE WORK FY12B - FLOYDS FORK	SCAPCREDIT		6/30/2012	338	29727
Floyds Fork	332823	SINGLE FAMILY HOME	LAT EXT	400	7/13/2012	-870	28857
Floyds Fork	315945	BROOKFIELD SEC 3	LAT EXT	12800	10/26/2012	-27840	1017
Floyds Fork	361689	FY13 LAKE FOREST REHAB PH1	SCAPCREDIT		12/18/2012	174769	175786
Floyds Fork	362683	MAINTENANCE WORK FY13A - FLOYDS FORK	SCAPCREDIT		12/31/2012	10	175796
Floyds Fork	331397	BROOKFIELD SEC 2A	LAT EXT	14400	5/8/2013	-31320	144476
Floyds Fork	13SC1000	MAINTENANCE WORK FY13 JAN-JUN-FLOYDS FORK	SCAPCREDIT		6/30/2013	14183	158659
Floyds Fork	SC1082514	FY14 STARVIEW REHABILITATION	SCAPCREDIT		6/30/2013	161	158820
Floyds Fork	SC1082517	MAINTENANCE WORK FY14 JUL-DEC-FLOYDS FORK	SCAPCREDIT		12/30/2013	991	159811
Floyds Fork	SC1082518	MAINTENANCE WORK FY14 JAN-JUN-FLOYDS FORK	SCAPCREDIT		6/30/2014	662	160473
Floyds Fork	SC1082519	MAINTENANCE WORK FY15 JUL-DEC-FLOYDS FORK	SCAPCREDIT		12/30/2014	1318	161791
Floyds Fork	13LE1062	SPEEDWAY #9451	LAT EXT	540	2/18/2015	-1175	160616
Floyds Fork	SC1082520	Speckman Center	LAT EXT	1920	6/30/2015	661	271031
Floyds Fork	LE932084	Donan Engineering Co., Inc Main Office	LAT EXT	1335	6/30/2015	-2904	270370
Floyds Fork	LE939198	FY14 BERRYTOWN WQTC I/I REMEDIATION	SCAPCREDIT		6/30/2015	-4176	273274
Floyds Fork	SC1003809	MAINTENANCE WORK FY15 JAN-JUN-FLOYDS FORK	SCAPCREDIT		6/30/2015	116834	277450
Floyds Fork	SC1003723	FY16 MIDDLETOWN SSR P2S2 I/I REMEDIATION	SCAPCREDIT		11/6/2015	102	277133
Floyds Fork	LE965189	The Meadows at the Polo Fields Patio Homes	LAT EXT	1200	11/23/2015	-2610	268523
Floyds Fork	LE959078	Edwards Restaurant	LAT EXT	1750	11/23/2015	-3806	264717
Floyds Fork	SC1082521	MAINTENANCE WORK FY16 JUL-DEC-FLOYDS FORK	SCAPCREDIT		12/30/2015	659	265376
Floyds Fork	LE941673	Locust Creek Section 8B	LAT EXT	2000	1/7/2016	-4350	261026
Floyds Fork	SC1082523	MAINTENANCE WORK FY16 JAN-JUN-FLOYDS FORK	SCAPCREDIT		6/30/2016	3578	264604
Floyds Fork	SC1003331	CONTRACTED WORK FY16 - FLOYDS FORK	SCAPCREDIT		7/7/2016	35	264639
Floyds Fork	LE932677	Shakes Run Sec 9	LAT EXT	12000	9/20/2016	-26100	238539
Floyds Fork	SC1082524	MAINTENANCE WORK FY17 JUL-DEC-FLOYDS FORK	SCAPCREDIT		12/30/2016	1804	240343
Floyds Fork	LE945783	Urton Woods, Section 2B	LAT EXT	17200	1/4/2017	-37410	202933
Floyds Fork	LE971261	Notting Hills Section 4 and Clubhouse	LAT EXT	10400	2/27/2017	-22620	180313
Floyds Fork	SC1082525	MAINTENANCE WORK FY17 JAN-JUN-FLOYDS FORK	SCAPCREDIT		6/30/2017	1320	181633
Floyds Fork	LE992628	Blankenbaker Centre II	LAT EXT	2340	10/9/2017	-5090	176543

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Floyds Fork	SC1082526	MAINTENANCE WORK FY18 JUL-DEC-FLOYDS FORK	SCAPCREDIT		12/30/2017	6158	182701
Floyds Fork	LE1026269	Valencia Villas at Landis Lakes	LAT EXT	1600	12/27/2018	-3480	179221
Floyds Fork	LE1039193	Glen Lakes Section 4 - Phase 3	LAT EXT	16400	1/7/2019	-35670	143551
Floyds Fork	LE1030166	Victory Knoll Apartments - Phase 1	LAT EXT	91400	2/7/2019	-198795	-55244
Floyds Fork	LE1024277	St. Joseph's Property	LAT EXT	70128	4/19/2019	-152528	-207772
Floyds Fork	LE1030172	Victory Knoll Apartments - Phase 2	LAT EXT	36100	6/25/2019	-78518	-286290
Floyds Fork	SC1109833	MAINTENANCE WORK FY19 FLOYDS FORK	SCAPCREDIT		6/30/2019	4620	-281670
Floyds Fork	SC1107197	CONTRACTED WORK FY19 - FLOYDS FORK	SCAPCREDIT		8/27/2019	1554	-280116
Floyds Fork	LE1025883	Vinings at Claiborne	LAT EXT	69800	12/6/2019	-151815	-431931
Floyds Fork	SC1109843	MAINTENANCE WORK FY20 FLOYDS FORK	SCAPCREDIT		6/30/2020	1137	-430794
Floyds Fork	SC1109853	MAINTENANCE WORK FY21 FLOYDS FORK	SCAPCREDIT		6/30/2021	747	-430047
Floyds Fork	SC1111508	FY19-FY21 UPPER FLOYDS FORK INTERCEPTOR	SCAPCREDIT		8/17/2021	1000000	569953
Floyds Fork	SC1107226	CONTRACTED WORK FY22 - FLOYDS FORK	SCAPCREDIT		5/16/2022	1520	571473
Floyds Fork	SC1109883	MAINTENANCE WORK FY22 FLOYDS FORK	SCAPCREDIT		6/30/2022	1880	573353
Floyds Fork	SC1107528	CONTRACTED WORK FY23 - FLOYDS FORK	SCAPCREDIT		5/30/2023	343896	917249
Floyds Fork	SC1110775	MAINTENANCE WORK FY23 FLOYDS FORK	SCAPCREDIT		6/30/2023	2286	919535
Floyds Fork	LE1106366	Echo Trail Force Main Phase 1	LAT EXT	0	9/14/2023	0	919535
Floyds Fork	LE1106367	Echo Trail Pump Station	LAT EXT	0	9/14/2023	0	919535
Floyds Fork	LE1106365	Echo Trail Force Main Phase 2	LAT EXT	0	9/14/2023	0	919535
Floyds Fork	SC1110946	MAINTENANCE WORK FY24 FLOYDS FORK	SCAPCREDIT		6/30/2024	990	920525
Floyds Fork							920525
Hite Creek	SC1006307	CONTRACTED WORK FY06 - HITE CREEK	SCAPCREDIT		5/15/2006	656	656
Hite Creek	235561	MAINTENANCE WORK FY06 AUG-FY09 NOV - HITE CREEK	SCAPCREDIT		11/1/2008	6404	7060
Hite Creek	362641	MAINTENANCE WORK FY09A - HITE CREEK	SCAPCREDIT		12/31/2008	2	7062
Hite Creek	SC1006214	CONTRACTED WORK FY09 - HITE CREEK	SCAPCREDIT		6/1/2009	328	7390
Hite Creek	362648	MAINTENANCE WORK FY09B - HITE CREEK	SCAPCREDIT		6/30/2009	7	7397
Hite Creek	362652	MAINTENANCE WORK FY10A - HITE CREEK	SCAPCREDIT		12/31/2009	10	7407
Hite Creek	362657	MAINTENANCE WORK FY10B - HITE CREEK	SCAPCREDIT		6/30/2010	332	7739
Hite Creek	320906	FY11 FLOYDSBURG ROAD I/I REHABILITATION	SCAPCREDIT		12/17/2010	28437	36176
Hite Creek	362662	MAINTENANCE WORK FY11A - HITE CREEK	SCAPCREDIT		12/31/2010	9	36185
Hite Creek	362670	MAINTENANCE WORK FY11B - HITE CREEK	SCAPCREDIT		6/30/2011	9	36194
Hite Creek	SC1011058	FY12 MEADOW STREAM PS AND FM EXPANSION	SCAPCREDIT		9/7/2011	2304000	2340194
Hite Creek	246638	CHAPMAN COURT S/S	LAT EXT	800	9/28/2011	-1740	2338454
Hite Creek	362675	MAINTENANCE WORK FY12A - HITE CREEK	SCAPCREDIT		12/31/2011	340	2338794
Hite Creek	362679	MAINTENANCE WORK FY12B - HITE CREEK	SCAPCREDIT		6/30/2012	5007	2343801
Hite Creek	290181	CAMDEN WOOD APARTMENTS	LAT EXT	12400	8/31/2012	-26970	2316831
Hite Creek	304536	MAGNOLIA SPRINGS EAST PRIV P/S	LAT EXT	9500	12/1/2012	-20663	2296168

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Hite Creek	335610	ROCK SPRINGS FARM SEC 4B	LAT EXT	6400	12/7/2012	-13920	2282248
Hite Creek	362684	MAINTENANCE WORK FY13A - HITE CREEK	SCAPCREDIT		12/31/2012	7	2282255
Hite Creek	SC1005530	CONTRACTED WORK FY13 - HITE CREEK	SCAPCREDIT		4/11/2013	1442	2283697
Hite Creek	SC1082527	MAINTENANCE WORK FY13 JAN-JUN-HITE CREEK	SCAPCREDIT		6/30/2013	967	2284664
Hite Creek	13LE1150	SINGLE FAMILY 5800 MOUNT PLEASANT RD	LAT EXT	400	11/26/2013	-870	2283794
Hite Creek	SC1082528	MAINTENANCE WORK FY14 JUL-DEC-HITE CREEK	SCAPCREDIT		12/30/2013	3211	2287005
Hite Creek	SC1082529	MAINTENANCE WORK FY14 JAN-JUNE-HITE CREEK	SCAPCREDIT		6/30/2014	2207	2289212
Hite Creek	SC1082530	MAINTENANCE WORK FY15 JUL-DEC-HITE CREEK	SCAPCREDIT		12/30/2014	360	2289572
Hite Creek	SC1006178	CONTRACTED WORK FY14 - HITE CREEK	SCAPCREDIT		1/27/2015	77660	2367232
Hite Creek	SC983697	FY13 MEADOWSTREAM REHABILITATION	SCAPCREDIT		3/13/2015	448447	2815679
Hite Creek	SC1082531	MAINTENANCE WORK FY15 JAN-JUN-HITE CREEK	SCAPCREDIT		6/30/2015	124	2815803
Hite Creek	SC1082532	MAINTENANCE WORK FY16 JUL-DEC-HITE CREEK	SCAPCREDIT		12/30/2015	1191	2816994
Hite Creek	LE967612	Camden Wood Apartments, Phase III	LAT EXT	2400	3/2/2016	-5220	2811774
Hite Creek	SC1082533	MAINTENANCE WORK FY16 JAN-JUN-HITE CREEK	SCAPCREDIT		6/30/2016	336	2812110
Hite Creek	LE943178	Rock Springs Farm Section 5A	LAT EXT	6800	9/13/2016	-14790	2797320
Hite Creek	SC1006192	CONTRACTED WORK FY15 - HITE CREEK	SCAPCREDIT		10/26/2016	1	2797321
Hite Creek	SC1082534	MAINTENANCE WORK FY17 JUL-DEC-HITE CREEK	SCAPCREDIT		12/30/2016	3599	2800920
Hite Creek	LE971406	Old Henry Business Park	LAT EXT	930	3/17/2017	-2023	2798897
Hite Creek	SC1082535	MAINTENANCE WORK FY17 JAN-JUN-HITE CREEK	SCAPCREDIT		6/30/2017	4109	2803006
Hite Creek	LE1008225	LINAK Expansion	LAT EXT	3610	8/25/2017	-7852	2795154
Hite Creek	SC1082536	MAINTENANCE WORK FY18 JUL-DEC-HITE CREEK	SCAPCREDIT		12/30/2017	6823	2801977
Hite Creek	SC1107182	FY18 FLOYDSBURG ROAD PS REHABILITATION	SCAPCREDIT		8/9/2018	7825	2809802
Hite Creek	LE1031180	Norton Commons North Village Phase 7	LAT EXT	12000	1/7/2019	-58290	2751512
Hite Creek	LE1042390	Norton Commons North Village Phase 6	LAT EXT	26800	1/7/2019	-26100	2725412
Hite Creek	LE1079340	Norton Commons North Village Phase 6A	LAT EXT	6800	1/10/2019	-14790	2710622
Hite Creek	LE1056431	Norton Commons North Village The Grove Pool	LAT EXT	400	3/15/2019	-870	2709752
Hite Creek	LE1088579	A & L Expansion	LAT EXT	400	3/28/2019	-870	2708882
Hite Creek	14LE1103	Accomack Mini Warehouses	LAT EXT	400	5/8/2019	-870	2708012
Hite Creek	LE1068686	Ghasemi/Factory Lane Project	LAT EXT	685	5/29/2019	-1490	2706522
Hite Creek	SC1109834	MAINTENANCE WORK FY19 HITE CREEK	SCAPCREDIT		6/30/2019	12162	2718684
Hite Creek	LE1103150	Anchorage Plaza II Phase II	LAT EXT	2300	11/18/2019	-5003	2713681
Hite Creek	LE1104289	LYRIC AT NORTON COMMONS	LAT EXT	71357	2/20/2020	-155201	2558480
Hite Creek	LE1054784	Norton Commons North Village Phase 8	LAT EXT	9600	2/21/2020	-20880	2537600
Hite Creek	LE1102996	Thomas Eastpoint Warehouse Expansion	LAT EXT	400	3/3/2020	-870	2536730
Hite Creek	LE1104592	EPOP II	LAT EXT	510	6/3/2020	-1109	2535621
Hite Creek	LE1102431	Tony's Wrecker Service	LAT EXT	400	6/12/2020	-870	2534751
Hite Creek	LE1089366	Norton Commons North Village Phase 10	LAT EXT	29200	6/30/2020	-63510	2471241

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Hite Creek	SC1109844	MAINTENANCE WORK FY20 HITE CREEK	SCAPCREDIT		6/30/2020	6085	2477326
Hite Creek	LE1104374	KEN TOWERY	LAT EXT	400	7/16/2020	-870	2476456
Hite Creek	SC1109854	MAINTENANCE WORK FY21 HITE CREEK	SCAPCREDIT		6/30/2021	4296	2480752
Hite Creek	SC1107225	CONTRACTED WORK FY22 - HITE CREEK	SCAPCREDIT		6/8/2022	237	2480989
Hite Creek	SC1109884	MAINTENANCE WORK FY22 HITE CREEK	SCAPCREDIT		6/30/2022	4448	2485437
Hite Creek	SC1110720	CONTRACTED WORK FY23 - HITE CREEK	SCAPCREDIT		5/19/2023	1248	2486685
Hite Creek	LE1105275	Rollington Ridge Subdivision	LAT EXT	33600	5/31/2023	-73080	2413605
Hite Creek	SC1110779	MAINTENANCE WORK FY23 HITE CREEK	SCAPCREDIT		6/30/2023	4260	2417865
Hite Creek	SC1107229	FY23 I/I REMEDIATION - PROSPECT PHASE II	SCAPCREDIT		5/17/2024	347816	2765681
Hite Creek	SC1110947	MAINTENANCE WORK FY24 HITE CREEK	SCAPCREDIT		6/30/2024	742	2766423
Hite Creek	LE1108134	Retail/Office/Restaurant	LAT EXT	2125	8/2/2024	-4622	2761801
Hite Creek	LE1109031	Kroger L-502 Ballardsville Road	LAT EXT	13373	8/16/2024	-29086	2732715
Hite Creek	LE1107572	Eagle Ridge Subdivision Section 2 AKA ROLLINGTON	LAT EXT	14400	9/27/2024	-31320	2701395
Hite Creek	LE1105713	Netherwood Condominiums - Phase 3 (revised)	LAT EXT	14000	11/27/2024	-30450	2670945
Hite Creek							2670945
Jeffersontown	235563	MAINTENANCE WORK FY06 AUG-FY09 NOV - JEFFERSONTOWN	SCAPCREDIT		11/1/2008	6203	6203
Jeffersontown	359323	CALENDAR 2008 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2008	4000	10203
Jeffersontown	254871	LAKESIDE BAPT CHURCH PRIV PS	LAT EXT	2500	8/10/2010	-5438	4765
Jeffersontown	340213	FY12 JEFFERSONTOWN ENG REHAB	SCAPCREDIT		8/11/2011	997448	1002213
Jeffersontown	359324	CALENDAR 2011 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2011	4000	1006213
Jeffersontown	14SC1002	MAINTENANCE WORK FY13A - JEFFERSONTOWN	SCAPCREDIT		12/31/2012	3490	1009703
Jeffersontown	337261	SINGLE FAMILY 2909 PELHAM CT	LAT EXT	400	5/28/2013	-870	1008833
Jeffersontown	13LE1010	SWOPE HR & TRAINING BLDG	LAT EXT	400	6/28/2013	-870	1007963
Jeffersontown	13LE1092	BALE EQUIPMENT	LAT EXT	450	10/25/2013	-979	1006984
Jeffersontown	13LE1098	UNIPAK	LAT EXT	720	2/27/2014	-1566	1005418
Jeffersontown	LE924043	Bluegrass Indoor Carting	LAT EXT	400	5/1/2014	-870	1004548
Jeffersontown	13LE1153	VALUE PLACE	LAT EXT	12400	7/9/2014	-26970	977578
Jeffersontown	14LE1082	Single Family Home	LAT EXT	400	7/22/2014	-870	976708
Jeffersontown	13LE1067	PARK COMMUNITY	LAT EXT	2200	12/31/2014	-4785	971923
Jeffersontown	LE952541	TYLER RETAIL CTR & KROGER EXPAN	LAT EXT	0	8/17/2015	0	971923
Jeffersontown	SC1109796	FY16 JEFFERSONTOWN WQTC ELIMINATION CREDIT JTOWN	SCAPCREDIT		12/23/2015	-887196	84727
Jeffersontown	14LE1149	Grand Lakes Section 3	LAT EXT	5600	2/1/2016	-12180	72547
Jeffersontown	LE924049	Blankenbaker Road S/S	LAT EXT	9010	3/10/2016	-19597	52950
Jeffersontown	LE948691	Kowaleski Salon	LAT EXT	600	3/15/2016	-1305	51645
Jeffersontown	326360	WATTERSON TRAIL CENTER	LAT EXT	2745	5/4/2016	-5970	45675
Jeffersontown	LE972153	Tova Industries	LAT EXT	400	5/9/2016	-870	44805
Jeffersontown	LE930127	Vantage Point Sec 3B	LAT EXT	7200	6/21/2016	-15660	29145

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Jeffersontown	13LE1158	GOODWILL INDUSTRIES OF KENTUCKY	LAT EXT	400	7/28/2016	-870	28275
Jeffersontown	14LE1148	Grand Lakes Section 2	LAT EXT	4400	11/8/2016	-9570	18705
Jeffersontown	LE950059	Embassy Square Office Park	LAT EXT	600	11/17/2016	-1305	17400
Jeffersontown	LE926081	Monticello Manors Sec 2	LAT EXT	7600	3/23/2017	-16530	870
Jeffersontown	LE967619	Louis F. Zoeller, Jr Minor Plat	LAT EXT	400	3/31/2017	-870	0
Jeffersontown							0
Middle Fork Beargrass Creek	359328	CALENDAR 2007 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2007	20000	104000
Middle Fork Beargrass Creek	359400	CALENDAR 2007 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2007	84000	84000
Middle Fork Beargrass Creek	235566	MAINTENANCE WORK FY06 AUG-FY09 NOV - MIDDLE FORK	SCAPCREDIT		11/1/2008	43779	147779
Middle Fork Beargrass Creek	SC1011287	CALENDAR 2008 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2008	13	147792
Middle Fork Beargrass Creek	359329	MAINTENANCE WORK FY09A - MIDDLE FORK	SCAPCREDIT		12/31/2008	8000	155792
Middle Fork Beargrass Creek	236517	FY11 ANCHOR ESTATES MH REHAB	SCAPCREDIT		1/16/2009	15552	171344
Middle Fork Beargrass Creek	217235	FY09 SINKING FORK ICA PHASE I REHAB	SCAPCREDIT		3/30/2009	437967	609311
Middle Fork Beargrass Creek	235376	FY09 MIDDLE FORK INT REHAB PH1	SCAPCREDIT		5/15/2009	487744	1097055
Middle Fork Beargrass Creek	179246	SHADY GLEN OF LYNDON PERSONAL	LAT EXT	-500	5/26/2009	1088	1098143
Middle Fork Beargrass Creek	SC1011288	MAINTENANCE WORK FY09B - MIDDLE FORK	SCAPCREDIT		6/30/2009	4208	1102351
Middle Fork Beargrass Creek	250572	1316 WITAWANGA AVE	LAT EXT	400	11/4/2009	-870	1101481
Middle Fork Beargrass Creek	359401	MAINTENANCE WORK FY10A - MIDDLE FORK	SCAPCREDIT		12/31/2009	4000	1129531
Middle Fork Beargrass Creek	359331	CALENDAR 2009 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2009	24000	1125531
Middle Fork Beargrass Creek	SC1011290	CALENDAR 2009 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2009	50	1101531
Middle Fork Beargrass Creek	197432	ALMOST HOME KENNELS - ALL PET	LAT EXT	3700	3/16/2010	-8048	1121483
Middle Fork Beargrass Creek	260064	OXMOOR GOLF FRONT 9	LAT EXT	400	4/15/2010	-870	1119743
Middle Fork Beargrass Creek	260065	OXMOOR GOLF BACK 9	LAT EXT	400	4/15/2010	-870	1120613
Middle Fork Beargrass Creek	229834	THE BROOK HOS- DUPONT ADDITION	LAT EXT	1763	4/27/2010	-3835	1115908
Middle Fork Beargrass Creek	SC1011292	MAINTENANCE WORK FY10B - MIDDLE FORK	SCAPCREDIT		6/30/2010	1113	1117021
Middle Fork Beargrass Creek	265723	Z-XPRESS CAR WASH	LAT EXT	5449	7/2/2010	-11852	1105169
Middle Fork Beargrass Creek	255792	HERR LANE APARTMENTS - 8 PLEX	LAT EXT	2400	7/14/2010	-5220	1097339

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Middle Fork Beargrass Creek	255793	HERR LANE APARTMENTS - 4 PLEX	LAT EXT	1200	7/14/2010	-2610	1102559
Middle Fork Beargrass Creek	274303	FARM CREDIT SERVICES	LAT EXT	525	9/9/2010	-1142	1096197
Middle Fork Beargrass Creek	278015	METROPOLITAN UROLOGY	LAT EXT	400	12/15/2010	-870	1095327
Middle Fork Beargrass Creek	359333	MAINTENANCE WORK FY11A - MIDDLE FORK	SCAPCREDIT		12/31/2010	12000	1107327
Middle Fork Beargrass Creek	SC1011293	CALENDAR 2010 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2010	1205	1108532
Middle Fork Beargrass Creek	359402	CALENDAR 2010 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2010	8000	1116532
Middle Fork Beargrass Creek	285637	SHELBYHURST OFFICE BUILDING 1	LAT EXT	6600	1/20/2011	-14355	1102177
Middle Fork Beargrass Creek	313465	DORSEY POINTE/CODOMINIUMS 8-13	LAT EXT	2400	1/27/2011	-5220	1096957
Middle Fork Beargrass Creek	291263	BROWNS LANE BUILDING	LAT EXT	400	4/14/2011	-870	1096087
Middle Fork Beargrass Creek	293400	FOUR PLEX APARTMENTS	LAT EXT	1200	6/14/2011	-2610	1093477
Middle Fork Beargrass Creek	SC1011294	MAINTENANCE WORK FY11B - MIDDLE FORK	SCAPCREDIT		6/30/2011	7183	1100660
Middle Fork Beargrass Creek	330019	FY11 ANCHOR ESTATES REHAB	SCAPCREDIT		8/11/2011	1359	1102019
Middle Fork Beargrass Creek	310046	EL NAPEL - MCMAHAN CENTER	LAT EXT	3100	10/31/2011	-6743	1095276
Middle Fork Beargrass Creek	314591	CHOCOLATE MARTINI BAR/REST	LAT EXT	3275	11/29/2011	-7123	1088153
Middle Fork Beargrass Creek	320983	FY12 HURSTBOURNE I/I INVESTIGATION	SCAPCREDIT		12/27/2011	1408279	2496432
Middle Fork Beargrass Creek	SC1011295	CALENDAR 2011 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2011	919	2513351
Middle Fork Beargrass Creek	359335	MAINTENANCE WORK FY12A - MIDDLE FORK	SCAPCREDIT		12/31/2011	16000	2512432
Middle Fork Beargrass Creek	321228	SINGLE FAMILY UNIT	LAT EXT	400	2/15/2012	-870	2512481
Middle Fork Beargrass Creek	SC1005671	CONTRACTED WORK FY12 - MIDDLE FORK	SCAPCREDIT		3/16/2012	7305	2519786
Middle Fork Beargrass Creek	321647	SINGLE FAMILY	LAT EXT	400	3/27/2012	-870	2518916
Middle Fork Beargrass Creek	328074	SINGLE FAMILY-703 FOUNTAIN AVE	LAT EXT	400	6/22/2012	-870	2518046
Middle Fork Beargrass Creek	SC1011297	MAINTENANCE WORK FY12B - MIDDLE FORK	SCAPCREDIT		6/30/2012	949	2518995
Middle Fork Beargrass Creek	193195	CEDAR LAKE LODGE WASHBURN	LAT EXT	1900	8/20/2012	-4133	2514862
Middle Fork Beargrass Creek	320923	FY12 ST MATTHEWS I/I REHABILITATION	SCAPCREDIT		8/23/2012	20841	2535703
Middle Fork Beargrass Creek	337796	CHAMPPS	LAT EXT	635	9/5/2012	-1381	2534322

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Middle Fork Beargrass Creek	347126	ADVANCE PRODUCTION SYSTEMS	LAT EXT	400	12/28/2012	-870	2533452
Middle Fork Beargrass Creek	14SC1003	MAINTENANCE WORK FY13A - MIDDLE FORK	SCAPCREDIT		12/31/2012	3309	2536761
Middle Fork Beargrass Creek	359336	CALENDAR 2012 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2012	92000	2628761
Middle Fork Beargrass Creek	339367	BAPTIST RADIATION ONCOLOGY	LAT EXT	1500	1/4/2013	-3263	2625498
Middle Fork Beargrass Creek	340778	PANDA RESTAURANT	LAT EXT	1725	1/16/2013	-3752	2621746
Middle Fork Beargrass Creek	349044	BLAIRWOOD POOL ADDITION	LAT EXT	400	1/29/2013	-870	2620876
Middle Fork Beargrass Creek	328659	SINGLE FAMILY HOME - 6911 AMBR	LAT EXT	400	2/4/2013	-870	2620006
Middle Fork Beargrass Creek	352805	POOL HOUSE 9213 REIGATE COURT	LAT EXT	200	2/20/2013	-435	2619571
Middle Fork Beargrass Creek	14LE1001	MIRANDA LAGRANGE RD	LAT EXT	400	3/19/2013	-870	2618701
Middle Fork Beargrass Creek	350246	SINGLE FAMILY - 218 BLISS AVE	LAT EXT	400	3/20/2013	-870	2617831
Middle Fork Beargrass Creek	349974	SINGLE FAMILY 205 N WATTERSON	LAT EXT	400	3/26/2013	-870	2616961
Middle Fork Beargrass Creek	342433	SHELBYHURST 700 OFFICE BLDG	LAT EXT	7500	4/15/2013	-16313	2600648
Middle Fork Beargrass Creek	350340	JARED THE GALLERY OF JEWELRY	LAT EXT	770	4/16/2013	-1675	2598973
Middle Fork Beargrass Creek	SC1005532	CONTRACTED WORK FY13 - MIDDLE FORK	SCAPCREDIT		5/30/2013	6480	2605453
Middle Fork Beargrass Creek	13LE1009	Single family 11716 Wetherby Ave	LAT EXT	400	6/7/2013	-870	2604583
Middle Fork Beargrass Creek	SC10825545	MAINTENANCE WORK FY13 JAN-JUN-MIDDLE FORK BEARGRAS	SCAPCREDIT		6/30/2013	6989	2611572
Middle Fork Beargrass Creek	13LE1001	Single Family 835 Fountain Ave	LAT EXT	400	8/28/2013	-870	2610702
Middle Fork Beargrass Creek	344385	WALDORF SCHOOL OF LOUISVILLE	LAT EXT	400	9/3/2013	-870	2609832
Middle Fork Beargrass Creek	355162	PROPOSED RESTAURANT	LAT EXT	7540	9/10/2013	-16400	2593432
Middle Fork Beargrass Creek	13LE1045	SINGLE FAMILY 8325 WHIPPS MILL RD	LAT EXT	400	9/30/2013	-870	2592562
Middle Fork Beargrass Creek	319292	WATERMARK ON HURSTBOURNE	LAT EXT	71600	10/22/2013	-155730	2436832
Middle Fork Beargrass Creek	331542	DENTAL/MEDICAL OFFICE BLDG	LAT EXT	400	10/28/2013	-870	2435962
Middle Fork Beargrass Creek	13LE1144	SINGLE FAMILY HOME 1327 ETAWAH AVE	LAT EXT	400	11/5/2013	-870	2435092
Middle Fork Beargrass Creek	13LE1128	SINGLE FAMILY 1329 ETAWAH AVE	LAT EXT	400	11/5/2013	-870	2434222
Middle Fork Beargrass Creek	13LE1165	SINGLE FAMILY 8504 LORE LANE	LAT EXT	400	11/25/2013	-870	2433352

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Middle Fork Beargrass Creek	13LE1146	CITY OF ST MATTHEWS COMMUNITY CTR PARK RESTROOM	LAT EXT	1500	11/26/2013	-3263	2430089
Middle Fork Beargrass Creek	13LE1099	NICKLIES - ST MATTHEWS	LAT EXT	1920	12/11/2013	-4176	2425913
Middle Fork Beargrass Creek	353963	DORSEY COMMONS TRACTS 1,2,3	LAT EXT	1960	12/18/2013	-4263	2421650
Middle Fork Beargrass Creek	SC1082546	MAINTENANCE WORK FY14 JUL-DEC-MIDDLE FORK BEARGRAS	SCAPCREDIT		12/30/2013	91183	2512833
Middle Fork Beargrass Creek	352026	MCMAHAN PLAZA PHASE II BLDG B	LAT EXT	766	12/31/2013	-1666	2511167
Middle Fork Beargrass Creek	13LE1117	THE VININGS	LAT EXT	850	4/10/2014	-1849	2509318
Middle Fork Beargrass Creek	14LE1021	KODA KENTUCKY ORGAN DONOR AFFILIATES	LAT EXT	400	6/18/2014	-870	2508448
Middle Fork Beargrass Creek	SC1082547	MAINTENANCE WORK FY14 JAN-JUN-MIDDLE FORK BEARGRAS	SCAPCREDIT		6/30/2014	4404	2512852
Middle Fork Beargrass Creek	14LE1128	WALDORF SCHOOL OF LOUISVILLE	LAT EXT	400	6/30/2014	-870	2511982
Middle Fork Beargrass Creek	13LE1163	FIRSTWATCH RESTAURANT	LAT EXT	925	7/7/2014	-2012	2509970
Middle Fork Beargrass Creek	14LE1114	Madison Station	LAT EXT	1640	7/17/2014	-3567	2506403
Middle Fork Beargrass Creek	356879	MARYHURST CAMPUS ADDITION	LAT EXT	1800	8/1/2014	-3915	2502488
Middle Fork Beargrass Creek	14LE1040	SFU-206 Wood Road	LAT EXT	400	8/18/2014	-870	2501618
Middle Fork Beargrass Creek	354880	ADULT DAY CARE	LAT EXT	630	8/19/2014	-1370	2500248
Middle Fork Beargrass Creek	14LE1081	Woodlawn Center - Lot 2	LAT EXT	540	9/8/2014	-1175	2499073
Middle Fork Beargrass Creek	LE921312	Oxmoor Ford Car Wash	LAT EXT	2520	12/29/2014	-5481	2493592
Middle Fork Beargrass Creek	SC1082548	MAINTENANCE WORK FY15 JUL-DEC-MIDDLE FORK BEARGRAS	SCAPCREDIT		12/30/2014	3664	2497256
Middle Fork Beargrass Creek	14LE1097	TOWNPLACE SUITES & HAMPTON INN	LAT EXT	15700	1/29/2015	-34148	2463108
Middle Fork Beargrass Creek	SC1006201	FY14 GOOSE CREEK PLANTATION I/I REHABILITATION	SCAPCREDIT		2/10/2015	163919	2627027
Middle Fork Beargrass Creek	SC1006179	CONTRACTED WORK FY14 - MIDDLE FORK	SCAPCREDIT		2/11/2015	15043	2642070
Middle Fork Beargrass Creek	LE917106	ETSCORN - DAISEY LANE	LAT EXT	400	2/25/2015	-870	2641200
Middle Fork Beargrass Creek	LE924108	City of Middletown City Hall	LAT EXT	400	5/13/2015	-870	2640330
Middle Fork Beargrass Creek	LE943173	Single Family - 11707 Hazelwood Road	LAT EXT	400	6/30/2015	-870	2638590
Middle Fork Beargrass Creek	SC1082549	MAINTENANCE WORK FY15 JAN-JUN-MIDDLE FORK BEARGRAS	SCAPCREDIT		6/30/2015	2568	2641158
Middle Fork Beargrass Creek	LE943174	Single Family - 11707 Hazelwood Road	LAT EXT	400	6/30/2015	-870	2639460

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Middle Fork Beargrass Creek	LE927810	The Vinings Apartments	LAT EXT	38100	10/2/2015	-82868	2558290
Middle Fork Beargrass Creek	LE940742	LOUVINO	LAT EXT	1930	10/5/2015	-4198	2554092
Middle Fork Beargrass Creek	SC1082550	MAINTENANCE WORK FY16 JUL-DEC-MIDDLE FORK BEARGRAS	SCAPCREDIT		12/30/2015	15216	2569308
Middle Fork Beargrass Creek	LE971036	Robsion Park Splash Pad Bathroom	LAT EXT	400	2/4/2016	-870	2568438
Middle Fork Beargrass Creek	LE969593	First Watch	LAT EXT	760	2/22/2016	-1653	2566785
Middle Fork Beargrass Creek	14LE1026	HIGHLANDS LATIN SCHOOL GYM ADDITION	LAT EXT	400	4/18/2016	-870	2565915
Middle Fork Beargrass Creek	LE982217	Dropping Bird #12	LAT EXT	1600	5/9/2016	-3480	2562435
Middle Fork Beargrass Creek	LE939199	Westport Road Apartments	LAT EXT	62800	6/8/2016	-136590	2425845
Middle Fork Beargrass Creek	LE972151	Baptist Hospital East ER Expansion	LAT EXT	1856	6/15/2016	-4037	2421808
Middle Fork Beargrass Creek	SC1082552	MAINTENANCE WORK FY16 JAN-JUN-MIDDLE FORK BEARGRAS	SCAPCREDIT		6/30/2016	3573	2425381
Middle Fork Beargrass Creek	LE971405	Lyndon Lane Office Condos	LAT EXT	2652	8/30/2016	-5768	2419613
Middle Fork Beargrass Creek	LE987390	Oxmoor Park Condominiums	LAT EXT	1800	10/17/2016	-3915	2415698
Middle Fork Beargrass Creek	SC1003387	CONTRACTED WORK FY16 - MIDDLE FORK	SCAPCREDIT		10/18/2016	91264	2506962
Middle Fork Beargrass Creek	SC1006194	CONTRACTED WORK FY15 - MIDDLE FORK	SCAPCREDIT		10/24/2016	3	2506965
Middle Fork Beargrass Creek	LE986129	Norton Women's & Kosair Children's Hospital	LAT EXT	1000	11/17/2016	-2175	2504790
Middle Fork Beargrass Creek	LE1009529	Single Family Residence , 12006 Brinley	LAT EXT	400	12/14/2016	-870	2503920
Middle Fork Beargrass Creek	LE938563	The Paddock at Sawyer Park	LAT EXT	99800	12/20/2016	-217065	2286855
Middle Fork Beargrass Creek	SC1082554	MAINTENANCE WORK FY17 JUL-DEC-MIDDLE FORK BEARGRAS	SCAPCREDIT		12/30/2016	2385	2289240
Middle Fork Beargrass Creek	LE1008219	BMW Certified Pre-Owned	LAT EXT	800	2/14/2017	-1740	2287500
Middle Fork Beargrass Creek	LE994524	Warwick Storage	LAT EXT	400	2/28/2017	-870	2286630
Middle Fork Beargrass Creek	LE998260	North Hurstbourne Storage	LAT EXT	400	3/28/2017	-870	2285760
Middle Fork Beargrass Creek	LE1005641	City of Anchorage Sewer Extension	LAT EXT	800	5/9/2017	-1740	2284020
Middle Fork Beargrass Creek	LE1005633	Louisville Family Chiropractor	LAT EXT	400	5/11/2017	-870	2283150
Middle Fork Beargrass Creek	SC1082555	MAINTENANCE WORK FY17 JAN-JUN-MIDDLE FORK BEARGRAS	SCAPCREDIT		6/30/2017	3799	2286949
Middle Fork Beargrass Creek	SC1107188	CONTRACTED WORK FY17 - MIDDLE FORK	SCAPCREDIT		6/30/2017	51809	2338758

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Middle Fork Beargrass Creek	SC1082557	MAINTENANCE WORK FY18 JUL-DEC-MIDDLE FORK BEARGRAS	SCAPCREDIT		12/30/2017	5851	2344609
Middle Fork Beargrass Creek	LE1017531	526 & 528 Fountain Ave	LAT EXT	800	2/19/2018	-1740	2342869
Middle Fork Beargrass Creek	LE960134	ShelbyHurst Office - 805 Building	LAT EXT	9500	3/9/2018	-20663	2322206
Middle Fork Beargrass Creek	LE960135	ShelbyHurst Office - 815 Building	LAT EXT	5000	3/15/2018	-10875	2311331
Middle Fork Beargrass Creek	LE1032029	The Enclave at Douglas Hills Section 1	LAT EXT	27200	4/23/2018	-59160	2252171
Middle Fork Beargrass Creek	LE960133	ShelbyHurst Office - 435 Building	LAT EXT	7125	5/17/2018	-15497	2236674
Middle Fork Beargrass Creek	LE1055615	Bennett & Bloom Medical Office	LAT EXT	585	6/6/2018	-1272	2235402
Middle Fork Beargrass Creek	LE1041043	Single Family Unit (Lot 11)	LAT EXT	400	7/24/2018	-870	2234532
Middle Fork Beargrass Creek	166053	616 & 618 FOUNTAIN AVE S/S	LAT EXT	400	9/7/2018	-870	2233662
Middle Fork Beargrass Creek	LE1074826	Tri-Plex Apartments	LAT EXT	900	10/8/2018	-1958	2231704
Middle Fork Beargrass Creek	LE1085525	Brown Park	LAT EXT	400	1/15/2019	-870	2230834
Middle Fork Beargrass Creek	SC1107196	CONTRACTED WORK FY19 - MIDDLE FORK	SCAPCREDIT		4/22/2019	1476	2232310
Middle Fork Beargrass Creek	LE1082291	Taco Bell	LAT EXT	1100	5/29/2019	-2393	2229917
Middle Fork Beargrass Creek	SC1109835	MAINTENANCE WORK FY19 MIDDLE FORK	SCAPCREDIT		6/30/2019	23947	2253864
Middle Fork Beargrass Creek	LE1102470	Hurstbourne Town Center - Hyatt House Louisville E	LAT EXT	15275	7/1/2019	-33223	2220641
Middle Fork Beargrass Creek	LE1051776	Bluegrass Manor - Tract 2	LAT EXT	450	7/23/2019	-979	2219662
Middle Fork Beargrass Creek	LE1020250	Morat Avenue Apartments	LAT EXT	62250	7/26/2019	-1740	2217922
Middle Fork Beargrass Creek	LE1024084	LFPL - Northeast Regional Library	LAT EXT	800	7/26/2019	-135394	2082528
Middle Fork Beargrass Creek	LE1039542	Meadowview - Breckenridge Lane	LAT EXT	2080	8/28/2019	-4524	2078004
Middle Fork Beargrass Creek	LE1083952	1700 Cold Spring Rd & 12004 Osage Rd	LAT EXT	800	11/4/2019	-1740	2076264
Middle Fork Beargrass Creek	LE1056406	Stewart Condos	LAT EXT	4500	12/2/2019	-9788	2066476
Middle Fork Beargrass Creek	LE1104174	JAGGERS	LAT EXT	1460	1/30/2020	-3176	2063300
Middle Fork Beargrass Creek	LE1089288	Portland Christian School System Inc	LAT EXT	400	2/13/2020	-870	2062430
Middle Fork Beargrass Creek	LE1059259	904 Browns Lane	LAT EXT	1600	4/24/2020	-3480	2058950
Middle Fork Beargrass Creek	LE1061684	Hurstbourne Town Center - Tract 5 & 6	LAT EXT	5716	4/30/2020	-119038	1939912

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Middle Fork Beargrass Creek	LE1093858	Hurstbourne Town Center - Tract1	LAT EXT	54730	4/30/2020	-12432	1927480
Middle Fork Beargrass Creek	LE1102767	Parks - Herr Lane Office Building	LAT EXT	560	5/5/2020	-1218	1926262
Middle Fork Beargrass Creek	LE1104478	Breckenridge Center	LAT EXT	4000	5/14/2020	-8700	1917562
Middle Fork Beargrass Creek	LE1082329	St. Luke's Episcopal Church	LAT EXT	920	6/5/2020	-2001	1915561
Middle Fork Beargrass Creek	SC1109845	MAINTENANCE WORK FY20 MIDDLE FORK	SCAPCREDIT		6/30/2020	7443	1923004
Middle Fork Beargrass Creek	LE1010450	Ormsby Lane Senior Apartments	LAT EXT	11900	8/28/2020	-25883	1897121
Middle Fork Beargrass Creek	LE1098358	Golden Retriever Rescue & Adoption	LAT EXT	400	9/11/2020	-870	1896251
Middle Fork Beargrass Creek	LE1104887	Episcopal Home - Dudley Square Condominiums	LAT EXT	1300	9/28/2020	-2828	1893423
Middle Fork Beargrass Creek	LE1090567	4229 Taylorsville Road	LAT EXT	11200	10/5/2020	-24360	1869063
Middle Fork Beargrass Creek	LE1105277	Partridge Meadows New Maintenance and Laundry Bldg	LAT EXT	3200	11/9/2020	-6960	1862103
Middle Fork Beargrass Creek	LE1097560	Norht Hurstbourne Climate Controlled Storage	LAT EXT	400	2/1/2021	-870	1861233
Middle Fork Beargrass Creek	SC1109855	MAINTENANCE WORK FY21 MIDDLE FORK	SCAPCREDIT		6/30/2021	8766	1869999
Middle Fork Beargrass Creek	LE1102535	Enclave at Warwick Village	LAT EXT	5100	11/22/2021	-11093	1858906
Middle Fork Beargrass Creek	LE1106282	Aspen Dental	LAT EXT	1395	12/2/2021	-3034	1855872
Middle Fork Beargrass Creek	LE1106661	Walgreens	LAT EXT	0	3/15/2022	0	1855872
Middle Fork Beargrass Creek	SC1107223	CONTRACTED WORK FY22 - MIDDLE FORK	SCAPCREDIT		6/6/2022	442	1856314
Middle Fork Beargrass Creek	SC1109885	MAINTENANCE WORK FY22 MIDDLE FORK	SCAPCREDIT		6/30/2022	6186	1862500
Middle Fork Beargrass Creek	LE1104269	OXMOOR CENTER RESTAURANT OUTPARCEL #1	LAT EXT	12250	11/10/2022	-26644	1835856
Middle Fork Beargrass Creek	SC1110718	FY22 I&I REMEDIATION - GRINSTEAD AREA PHASE 3	SCAPCREDIT		5/4/2023	169	1836025
Middle Fork Beargrass Creek	SC1110780	MAINTENANCE WORK FY23 MIDDLE FORK	SCAPCREDIT		6/30/2023	5804	1841829
Middle Fork Beargrass Creek	LE1107725	Scooters - Westport Road	LAT EXT	400	11/7/2023	-870	1840959
Middle Fork Beargrass Creek	LE1064289	Oxmoor Center	LAT EXT	15750	11/27/2023	-34256	1806703
Middle Fork Beargrass Creek	LE1107398	Bull Run Townhomes	LAT EXT	22000	3/11/2024	-47850	1758853
Middle Fork Beargrass Creek	SC1110948	MAINTENANCE WORK FY24 MIDDLE FORK	SCAPCREDIT		6/30/2024	4314	1763167
Middle Fork Beargrass Creek	LE1105875	Ernspiker, Etawah Avenue	LAT EXT	2800	10/2/2024	-6090	1757077

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Middle Fork Beargrass Creek	LE1106989	Burnett Ridge Lofts	LAT EXT	12000	2/6/2025	-26100	1730977
Middle Fork Beargrass Creek	LE1108331	Hampton Inn & Suites	LAT EXT	11100	2/28/2025	-24143	1706834
Middle Fork Beargrass Creek							1706834
Mill Creek	359380	CALENDAR 2005 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2005	12000	12000
Mill Creek	359381	CALENDAR 2007 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2007	24000	36000
Mill Creek	235568	MAINTENANCE WORK FY06 AUG-FY09 NOV - MILL CREEK	SCAPCREDIT		11/1/2008	51530	87530
Mill Creek	362642	CALENDAR 2008 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2008	93	87623
Mill Creek	359382	MAINTENANCE WORK FY09A - MILL CREEK	SCAPCREDIT		12/31/2008	16000	103623
Mill Creek	362649	MAINTENANCE WORK FY09B - MILL CREEK	SCAPCREDIT		6/30/2009	1507	105130
Mill Creek	236614	DEVEROES	LAT EXT	960	9/9/2009	-2088	103042
Mill Creek	359383	CALENDAR 2009 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2009	32000	160314
Mill Creek	362653	MAINTENANCE WORK FY10A - MILL CREEK	SCAPCREDIT		12/31/2009	25272	128314
Mill Creek	253586	KINGSFORD RETAIL CENTER	LAT EXT	480	1/6/2010	-1044	159270
Mill Creek	238421	6840 DIXIE HWY OUTLOT	LAT EXT	2100	4/28/2010	-4568	154702
Mill Creek	362658	MAINTENANCE WORK FY10B - MILL CREEK	SCAPCREDIT		6/30/2010	6216	160918
Mill Creek	259408	FAMILY DOLLAR 5105 DIXIE	LAT EXT	1200	7/2/2010	-2610	158308
Mill Creek	264294	SAINT PETER THE APOSTLE CATHOL	LAT EXT	2000	7/23/2010	-4350	153958
Mill Creek	276215	FAMILY DOLLAR - KRISTIN WAY	LAT EXT	400	10/12/2010	-870	153088
Mill Creek	359384	CALENDAR 2010 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2010	4000	157088
Mill Creek	362664	MAINTENANCE WORK FY11A - MILL CREEK	SCAPCREDIT		12/31/2010	22745	179833
Mill Creek	359325	CALENDAR 2010 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2010	8000	187833
Mill Creek	320916	MAINTENANCE WORK FY11B - MILL CREEK	SCAPCREDIT		6/30/2011	120800	308633
Mill Creek	362671	FY11 SONNE AVE PS REHABILITATION	SCAPCREDIT		6/30/2011	11745	320378
Mill Creek	299399	FAMILY DOLLAR - GREENWOOD RD	LAT EXT	800	10/4/2011	-1740	318638
Mill Creek	309018	PRP PERFORMING ARTS ADDITION	LAT EXT	1134	11/9/2011	-2466	316172
Mill Creek	362676	MAINTENANCE WORK FY12A - MILL CREEK	SCAPCREDIT		12/31/2011	4800	320972
Mill Creek	359326	CALENDAR 2011 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2011	12000	332972
Mill Creek	359385	CALENDAR 2011 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2011	12000	344972
Mill Creek	318096	CRACKER BARREL OLD COUNTRY	LAT EXT	6000	1/19/2012	-13050	331922
Mill Creek	SC1005678	CONTRACTED WORK FY12 - MILL CREEK	SCAPCREDIT		3/16/2012	22	331944
Mill Creek	262545	DIXIE MANOR SHOPPING CENTER	LAT EXT	965	5/21/2012	-2099	329845
Mill Creek	300374	FORT KNOX FEDERAL CREDIT UNION	LAT EXT	400	6/26/2012	-870	328975
Mill Creek	361693	MAINTENANCE WORK FY12B - MILL CREEK	SCAPCREDIT		6/30/2012	81675	414783
Mill Creek	362680	FY12 MILL CREEK REHAB	SCAPCREDIT		6/30/2012	4133	333108
Mill Creek	231800	PIONEER MOBILE HOME PARK	LAT EXT	11200	7/24/2012	-24360	390423
Mill Creek	237457	WAVERLY HILLS	LAT EXT	400	9/18/2012	-870	389553

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Mill Creek	341883	NHK SPRING PRECISION	LAT EXT	17800	10/19/2012	-38715	350838
Mill Creek	334997	BEECHLAND BAPTIST CHURCH	LAT EXT	2715	12/5/2012	-5905	344933
Mill Creek	362685	MAINTENANCE WORK FY13A - MILL CREEK	SCAPCREDIT		12/31/2012	22996	519929
Mill Creek	359386	CALENDAR 2012 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2012	4000	496933
Mill Creek	359327	CALENDAR 2012 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2012	148000	492933
Mill Creek	343763	SOUTHEAST CHRISTIAN CHURCH SW	LAT EXT	6000	1/18/2013	-13050	506879
Mill Creek	224875	ASHBY GREEN APARTMENT HOMES	LAT EXT	36400	3/20/2013	-79170	427709
Mill Creek	265944	RIVERPORT PHASE 4A - MICHELIN	LAT EXT	400	6/6/2013	-870	426839
Mill Creek	SC1082559	MAINTENANCE WORK FY13 JAN-JUN-MILL CREEK	SCAPCREDIT		6/30/2013	32425	459264
Mill Creek	314887	DAYTON FREIGHT	LAT EXT	1200	9/10/2013	-2610	456654
Mill Creek	13LE1014	LOUISVILLE FREE PUBLIC LIBRARY SOUTHWEST	LAT EXT	2400	9/26/2013	-5220	451434
Mill Creek	357140	FAMILY DOLLAR CANE RUN ROAD	LAT EXT	832	10/3/2013	-1810	449624
Mill Creek	SC1082560	MAINTENANCE WORK FY14 JUL-DEC-MILL CREEK	SCAPCREDIT		12/30/2013	11451	461075
Mill Creek	13LE1007	Cane Run Generating Station	LAT EXT	495	1/3/2014	-1077	459998
Mill Creek	13LE1171	SINGLE FAMILY HOME 3700 ROMANIA DR	LAT EXT	400	1/29/2014	-870	459128
Mill Creek	SC1082562	MAINTENANCE WORK FY14 JAN-JUN-MILL CREEK	SCAPCREDIT		6/30/2014	7753	466881
Mill Creek	14LE1120	Shively Center - Additional Office Space	LAT EXT	400	7/23/2014	-870	466011
Mill Creek	14LE1124	Raising Cane's - 5212 Dixie Highway	LAT EXT	1400	8/18/2014	-3045	462966
Mill Creek	14LE1075	Global Drive Warehouse Addition	LAT EXT	1200	9/15/2014	-2610	460356
Mill Creek	14LE1171	Planet Fitness	LAT EXT	3400	9/16/2014	-7395	452961
Mill Creek	14LE1164	Nair Office Building Expansion	LAT EXT	795	11/25/2014	-1729	451232
Mill Creek	SC1082563	MAINTENANCE WORK FY15 JUL-DEC-MILL CREEK	SCAPCREDIT		12/30/2014	4491	455723
Mill Creek	SC1005536	FY13 ROSA TERRACE I/I REHABILITATION	SCAPCREDIT		3/10/2015	156635	612358
Mill Creek	LE941671	Key Oil	LAT EXT	400	6/30/2015	-870	611488
Mill Creek	SC1082564	MAINTENANCE WORK FY15 JAN-JUN-MILL CREEK	SCAPCREDIT		6/30/2015	4861	616349
Mill Creek	SC1003690	CONTRACTED WORK FY15 - MILL CREEK	SCAPCREDIT		7/31/2015	58	616407
Mill Creek	LE937142	ZAXBYS DIXIE HWY	LAT EXT	924	8/10/2015	-2010	614397
Mill Creek	LE938172	Thortons Convenience Store/Gas Station	LAT EXT	1000	10/5/2015	-870	613527
Mill Creek	LE945721	Misa Metals	LAT EXT	400	10/5/2015	-2175	611352
Mill Creek	LE947311	Chick-fil-A	LAT EXT	1500	10/28/2015	-3263	608089
Mill Creek	LE959150	Misa Metals Processing Warehouse Expansion	LAT EXT	1000	11/23/2015	-2175	605914
Mill Creek	LE942399	Restaurant - 6900 Dixie Highway	LAT EXT	860	12/14/2015	-1871	604043
Mill Creek	SC1082565	MAINTENANCE WORK FY16 JUL-DEC-MILL CREEK	SCAPCREDIT		12/30/2015	6692	610735
Mill Creek	LE971379	Discount Tires	LAT EXT	400	2/22/2016	-870	609865
Mill Creek	LE953021	1719 Leroy Ave. Town Homes	LAT EXT	4200	5/9/2016	-2175	598555
Mill Creek	LE967622	Thorntons - 4136 Cane Run Road	LAT EXT	1000	5/9/2016	-9135	600730
Mill Creek	SC1082566	MAINTENANCE WORK FY16 JAN-JUN-MILL CREEK	SCAPCREDIT		6/30/2016	3523	602078

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Mill Creek	LE944727	Britz Deer Hollow Lane	LAT EXT	800	7/28/2016	-1740	600338
Mill Creek	SC1082567	MAINTENANCE WORK FY17 JUL-DEC-MILL CREEK	SCAPCREDIT		12/30/2016	12857	613195
Mill Creek	SC1107184	CONTRACTED WORK FY17 - MILL CREEK	SCAPCREDIT		2/20/2017	11	613206
Mill Creek	LE978336	Blue Iguana Car Wash	LAT EXT	20217	4/7/2017	-43972	569234
Mill Creek	SC1082568	MAINTENANCE WORK FY17 JAN-JUN-MILL CREEK	SCAPCREDIT		6/30/2017	5103	574337
Mill Creek	LE991553	Greenwood Plaza	LAT EXT	1256	10/19/2017	-2732	571605
Mill Creek	LE1025905	RussTech, Inc	LAT EXT	875	11/13/2017	-1903	569702
Mill Creek	SC1082569	MAINTENANCE WORK FY18 JUL-DEC-MILL CREEK	SCAPCREDIT		12/30/2017	27293	596995
Mill Creek	LE986760	Algood Food Company Warehouse	LAT EXT	750	3/8/2018	-1631	595364
Mill Creek	LE1049057	Advanced ENT	LAT EXT	705	5/15/2018	-1533	593831
Mill Creek	LE995375	1105 Dorsey lane	LAT EXT	10300	4/10/2019	-22403	571428
Mill Creek	LE1041776	Terry Road Gas & Retail	LAT EXT	788	4/12/2019	-1714	569714
Mill Creek	SC1109836	MAINTENANCE WORK FY19 MILL CREEK	SCAPCREDIT		6/30/2019	14217	583931
Mill Creek	LE1039415	Delcour Multi-Family Apartments	LAT EXT	60400	10/31/2019	-131370	452561
Mill Creek	SC1109846	MAINTENANCE WORK FY20 MILL CREEK	SCAPCREDIT		6/30/2020	7686	460247
Mill Creek	SC1109856	MAINTENANCE WORK FY21 MILL CREEK	SCAPCREDIT		6/30/2021	3901	464148
Mill Creek	SC1107224	CONTRACTED WORK FY22 - MILL CREEK	SCAPCREDIT		5/31/2022	15742	479890
Mill Creek	SC1109886	MAINTENANCE WORK FY22 MILL CREEK	SCAPCREDIT		6/30/2022	4062	483952
Mill Creek	SC1110781	MAINTENANCE WORK FY23 MILL CREEK	SCAPCREDIT		6/30/2023	8820	492772
Mill Creek	SC1110949	MAINTENANCE WORK FY24 MILL CREEK	SCAPCREDIT		6/30/2024	2433	495205
Mill Creek							495205
Northern Ditch	359404	CALENDAR 2007 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2007	28000	28000
Northern Ditch	235569	MAINTENANCE WORK FY06 AUG-FY09 NOV - NORTHERN DIT	SCAPCREDIT		11/1/2008	11147	39147
Northern Ditch	236363	FY09 NORTHERN DITCH INT REHAB PH1	SCAPCREDIT		11/25/2008	108760	147907
Northern Ditch	SC1011338	MAINTENANCE WORK FY09A - NORTHERN DITCH	SCAPCREDIT		12/31/2008	11	147918
Northern Ditch	SC1011339	MAINTENANCE WORK FY09B - NORTHERN DITCH	SCAPCREDIT		6/30/2009	1884	149802
Northern Ditch	359339	CALENDAR 2009 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2009	4000	153802
Northern Ditch	SC1011340	MAINTENANCE WORK FY10A - NORTHERN DITCH	SCAPCREDIT		12/31/2009	1177	154979
Northern Ditch	234678	THE LIGHTHOUSE PROMISE COMPLEX	LAT EXT	2825	3/5/2010	-6144	148835
Northern Ditch	SC1011343	MAINTENANCE WORK FY10B - NORTHERN DITCH	SCAPCREDIT		6/30/2010	2532	151367
Northern Ditch	284728	SUBWAY - NEW CUT RD	LAT EXT	1314	12/21/2010	-2858	148509
Northern Ditch	359340	CALENDAR 2010 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2010	4000	152509
Northern Ditch	SC1011344	MAINTENANCE WORK FY11A - NORTHERN DITCH	SCAPCREDIT		12/31/2010	2456	154965
Northern Ditch	320908	FY11 PARKVIEW ESTATES REHABILITATION	SCAPCREDIT		6/28/2011	36	155001
Northern Ditch	SC1011345	MAINTENANCE WORK FY11B - NORTHERN DITCH	SCAPCREDIT		6/30/2011	1989	156990
Northern Ditch	312810	WILLOW PLACE APT COMMUNITY CEN	LAT EXT	400	11/11/2011	-870	156120
Northern Ditch	359405	MAINTENANCE WORK FY12A - NORTHERN DITCH	SCAPCREDIT		12/31/2011	12000	168120

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Northern Ditch	SC1011346	CALENDAR 2011 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2011	911	169031
Northern Ditch	359341	CALENDAR 2011 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2011	24000	193031
Northern Ditch	315723	JCPS EARLY CHILDHOOD DEVELOP	LAT EXT	6000	1/26/2012	-13050	179981
Northern Ditch	312057	DOLLAR GENERAL - MEDALLION CT	LAT EXT	400	3/21/2012	-870	179111
Northern Ditch	SC1011336	MAINTENANCE WORK FY12B - NORTHERN DITCH	SCAPCREDIT		6/30/2012	7893	187004
Northern Ditch	312659	KROGER L-350 FUEL STATION	LAT EXT	400	8/20/2012	-870	186134
Northern Ditch	359343	MAINTENANCE WORK FY13A - NORTHERN DITCH	SCAPCREDIT		12/31/2012	24000	210134
Northern Ditch	14SC1004	CALENDAR 2012 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2012	4239	214373
Northern Ditch	SC1082570	MAINTENANCE WORK FY13 JAN-JUN-NORTH DITCH	SCAPCREDIT		6/30/2013	6459	220832
Northern Ditch	13LE1147	CARLON ROOFING	LAT EXT	992	12/5/2013	-2158	218674
Northern Ditch	13LE1126	JENNINGS CROSSING TRACT 3	LAT EXT	2100	12/12/2013	-4568	214106
Northern Ditch	SC1082571	MAINTENANCE WORK FY14 JUL-DEC-NORTH DITCH	SCAPCREDIT		12/30/2013	2707	216813
Northern Ditch	SC1082572	MAINTENANCE WORK FY14 JAN-JUN-NORTH DITCH	SCAPCREDIT		6/30/2014	9044	225857
Northern Ditch	SC1006180	CONTRACTED WORK FY14 - NORTHERN DITCH	SCAPCREDIT		10/21/2014	5	225862
Northern Ditch	14LE1136	Jennings Crossings Tracts 1 & 2	LAT EXT	1440	12/29/2014	-870	224992
Northern Ditch	14LE1065	Single Family - 5220 Petersburg Road	LAT EXT	400	12/29/2014	-3132	221860
Northern Ditch	SC1082573	MAINTENANCE WORK FY15 JUL-DEC-NORTH DITCH	SCAPCREDIT		12/30/2014	8330	230190
Northern Ditch	LE916332	Trei Louisville - HVAC Distributors	LAT EXT	4225	5/20/2015	-9189	221001
Northern Ditch	SC1082575	MAINTENANCE WORK FY15 JAN-JUN-NORTH DITCH	SCAPCREDIT		6/30/2015	5564	226565
Northern Ditch	LE947316	Heimbrock II	LAT EXT	400	8/14/2015	-870	225695
Northern Ditch	LE947318	Heimbrock I	LAT EXT	400	8/14/2015	-870	224825
Northern Ditch	SC1082576	MAINTENANCE WORK FY16 JUL-DEC-NORTH DITCH	SCAPCREDIT		12/30/2015	6074	230899
Northern Ditch	LE968510	Hugh Ave. Warehouse	LAT EXT	400	1/5/2016	-870	230029
Northern Ditch	SC1082577	MAINTENANCE WORK FY16 JAN-JUN-NORTH DITCH	SCAPCREDIT		6/30/2016	5519	235548
Northern Ditch	LE978344	Townplace Suites	LAT EXT	9500	11/7/2016	-20663	214885
Northern Ditch	SC1082578	MAINTENANCE WORK FY17 JUL-DEC-NORTH DITCH	SCAPCREDIT		12/30/2016	9266	224151
Northern Ditch	SC1082579	MAINTENANCE WORK FY17 JAN-JUN-NORTH DITCH	SCAPCREDIT		6/30/2017	6441	230592
Northern Ditch	SC1082580	MAINTENANCE WORK FY18 JUL-DEC-NORTH DITCH	SCAPCREDIT		12/30/2017	7810	238402
Northern Ditch	LE1042541	5051 Poplar Level	LAT EXT	7600	4/9/2018	-16530	221872
Northern Ditch	LE1053453	Durrett Lane & Preston Highway Convenience Store/G	LAT EXT	1880	8/28/2018	-4089	217783
Northern Ditch	LE1056400	Thomas Car Wash	LAT EXT	4670	10/10/2018	-10157	207626
Northern Ditch	LE1032761	TRACKSIDE at Churchill Downs	LAT EXT	13400	10/22/2018	-29145	178481
Northern Ditch	SC1107198	CONTRACTED WORK FY19 - NORTHERN DITCH	SCAPCREDIT		6/18/2019	14321	192802
Northern Ditch	SC1109837	MAINTENANCE WORK FY19 NORTHERN DITCH	SCAPCREDIT		6/30/2019	27535	220337
Northern Ditch	SC1109847	MAINTENANCE WORK FY20 NORTHERN DITCH	SCAPCREDIT		6/30/2020	10114	230451
Northern Ditch	SC1109857	MAINTENANCE WORK FY21 NORTHERN DITCH	SCAPCREDIT		6/30/2021	8580	239031
Northern Ditch	SC1109887	MAINTENANCE WORK FY22 NORTHERN DITCH	SCAPCREDIT		6/30/2022	4359	243390

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Northern Ditch	SC1110782	MAINTENANCE WORK FY23 NORTHERN DITCH	SCAPCREDIT		6/30/2023	14752	258142
Northern Ditch	SC1110950	MAINTENANCE WORK FY24 NORTHERN DITCH	SCAPCREDIT		6/30/2024	2961	261103
Northern Ditch							261103
Ohio River FM	359433	CALENDAR 2007 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2007	56000	56000
Ohio River FM	359344	CALENDAR 2007 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2007	4000	60000
Ohio River FM	235572	MAINTENANCE WORK FY06 AUG-FY09 NOV - ORFM	SCAPCREDIT		11/1/2008	19826	79826
Ohio River FM	362643	MAINTENANCE WORK FY09A - ORFM	SCAPCREDIT		12/31/2008	2	79828
Ohio River FM	362650	MAINTENANCE WORK FY09B - ORFM	SCAPCREDIT		6/30/2009	3835	83663
Ohio River FM	362654	MAINTENANCE WORK FY10A - ORFM	SCAPCREDIT		12/31/2009	7330	90993
Ohio River FM	263548	SINGLE FAMILY CONNECTION	LAT EXT	400	5/18/2010	-870	90123
Ohio River FM	213488	NORTHEAST CHRISTIAN CHURCH	LAT EXT	10000	6/28/2010	-21750	68373
Ohio River FM	362660	MAINTENANCE WORK FY10B - ORFM	SCAPCREDIT		6/30/2010	6773	75146
Ohio River FM	254919	TRILOGY HEALTH SERVICES, LLC	LAT EXT	8200	8/30/2010	-17835	57311
Ohio River FM	362665	MAINTENANCE WORK FY11A - ORFM	SCAPCREDIT		12/31/2010	181	57492
Ohio River FM	362672	MAINTENANCE WORK FY11B - ORFM	SCAPCREDIT		6/30/2011	4139	61631
Ohio River FM	280837	SPRINGHURST TOWNE CTR LOT C	LAT EXT	400	9/20/2011	-870	60761
Ohio River FM	320920	FY11 SHADOW WOOD I/I REHABILITATION	SCAPCREDIT		9/30/2011	14279	75040
Ohio River FM	311412	SPRINGHURST CHEVROLET	LAT EXT	855	10/14/2011	-1860	73180
Ohio River FM	359345	MAINTENANCE WORK FY12A - ORFM	SCAPCREDIT		12/31/2011	16000	112448
Ohio River FM	359434	CALENDAR 2011 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2011	16000	96448
Ohio River FM	362677	CALENDAR 2011 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2011	7268	80448
Ohio River FM	320921	FY12 DERINGTON COURT I/I REHABILITATION	SCAPCREDIT		3/1/2012	56208	168656
Ohio River FM	213450	GLENVIEW PARK SUBD SECTION 1	LAT EXT	4400	3/5/2012	-12180	156476
Ohio River FM	187028	GLENVIEW PARK SUB, SEC 2	LAT EXT	5600	3/5/2012	-9570	146906
Ohio River FM	322455	FIRST LADY NAILS	LAT EXT	400	3/12/2012	-870	146036
Ohio River FM	SC1011315	MAINTENANCE WORK FY12B - ORFM	SCAPCREDIT		6/30/2012	19941	165977
Ohio River FM	362681	MAINTENANCE WORK FY12B - ORFM	SCAPCREDIT		6/30/2012	19941	185918
Ohio River FM	292239	SPRINGHURST RESTAURANT/ RETAIL	LAT EXT	3440	7/5/2012	-7482	178436
Ohio River FM	323821	TIRE DISCOUNTERS WESTPORT RD	LAT EXT	400	12/11/2012	-870	177566
Ohio River FM	341319	RAISING CANES RETAIL CENTER	LAT EXT	1225	12/18/2012	-2664	174902
Ohio River FM	363238	FY13 PROSPECT MANHOLE REHAB	SCAPCREDIT		12/18/2012	72703	247605
Ohio River FM	362686	FY13 MUDDY FORK MH REHAB	SCAPCREDIT		12/31/2012	1161	248766
Ohio River FM	363235	MAINTENANCE WORK FY13A - ORFM	SCAPCREDIT		12/31/2012	41653	290419
Ohio River FM	359346	CALENDAR 2012 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2012	24000	314419
Ohio River FM	322458	KROGER L-707 STORE EXPANSION	LAT EXT	400	3/12/2013	-870	313549
Ohio River FM	360262	SINGLE FAMILY 3419 HILLVALE RD	LAT EXT	400	5/13/2013	-870	312679
Ohio River FM	343729	RETAIL & RESTAURANT	LAT EXT	3500	6/21/2013	-7613	305066

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Ohio River FM	SC1082581	MAINTENANCE WORK FY13 JAN-JUN-OHIO RIVER FORCE MAI	SCAPCREDIT		6/30/2013	279	305345
Ohio River FM	13LE1145	SINGLE FAMILY 3930 1/2 OLD BROWNSBORO RD	LAT EXT	400	11/5/2013	-870	304475
Ohio River FM	334154	GLENVIEW PARK SUBD SEC 4	LAT EXT	3600	11/7/2013	-7830	296645
Ohio River FM	13LE1161	Single Family Residence 3221 Woodside Rd	LAT EXT	400	11/20/2013	-870	295775
Ohio River FM	SC1082582	MAINTENANCE WORK FY14 JUL-DEC-OHIO RIVER FORCE MAI	SCAPCREDIT		12/30/2013	1302	297077
Ohio River FM	13LE1024	Overlook at Beech Spring Farm Sec 4	LAT EXT	5600	12/31/2013	-12180	284897
Ohio River FM	199896	SPRINGDALE OFFICE BUILDING	LAT EXT	4210	3/11/2014	-9157	275740
Ohio River FM	352090	DRURY INN	LAT EXT	11508	5/13/2014	-25030	250710
Ohio River FM	225863	SPRING FARM LAKES SEC 1	LAT EXT	4800	5/16/2014	-10440	240270
Ohio River FM	SC1082583	MAINTENANCE WORK FY14 JAN-JUN-OHIO RIVER FORCE MAI	SCAPCREDIT		6/30/2014	1293	241563
Ohio River FM	177756	SUMMIT GARDENS PHASE 1	LAT EXT	32000	9/22/2014	-69600	171963
Ohio River FM	14LE1121	Riverside Sewer Extension	LAT EXT	1200	11/10/2014	-2610	169353
Ohio River FM	SC1082584	MAINTENANCE WORK FY15 JUL-DEC-OHIO RIVER FORCE MAI	SCAPCREDIT		12/30/2014	4394	173747
Ohio River FM	SC1006181	CONTRACTED WORK FY14 - ORFM	SCAPCREDIT		12/31/2014	1654	175401
Ohio River FM	13LE1071	SPRING FARM LAKE SEC 2	LAT EXT	6000	1/16/2015	-13050	162351
Ohio River FM	352634	BAUER PROPERTY	LAT EXT	2920	2/12/2015	-6351	156000
Ohio River FM	SC1082585	MAINTENANCE WORK FY15 JAN-JUN-OHIO RIVER FORCE MAI	SCAPCREDIT		6/30/2015	2547	158547
Ohio River FM	SC983704	FY13 PROSPECT I&I REHABILITATION - PHASE IA	SCAPCREDIT		7/12/2015	1034758	1193305
Ohio River FM	SC1003730	FY15 RIVER ROAD I/I REMEDIATION	SCAPCREDIT		8/5/2015	120418	1313723
Ohio River FM	LE929244	Summit Gardens Phase 2	LAT EXT	18000	10/21/2015	-39150	1274573
Ohio River FM	SC1006195	CONTRACTED WORK FY15 - ORFM	SCAPCREDIT		11/19/2015	1	1274574
Ohio River FM	LE938166	Spring Farm Lake Section 3	LAT EXT	3200	12/14/2015	-6960	1267614
Ohio River FM	SC1082586	MAINTENANCE WORK FY16 JUL-DEC-OHIO RIVER FORCE MAI	SCAPCREDIT		12/30/2015	1478	1269092
Ohio River FM	LE950063	Panda Express - 10600 Westport Road	LAT EXT	2000	4/6/2016	-4350	1264742
Ohio River FM	SC1082589	MAINTENANCE WORK FY17 JUL-DEC-OHIO RIVER FORCE MAI	SCAPCREDIT		6/30/2016	3171	1267913
Ohio River FM	SC1082587	MAINTENANCE WORK FY16 JAN-JUN-OHIO RIVER FORCE MAI	SCAPCREDIT		6/30/2016	460	1268373
Ohio River FM	SC1003696	CONTRACTED WORK FY16 - ORFM	SCAPCREDIT		8/10/2016	17566	1285939
Ohio River FM	SC1003728	FY16 PROSPECT I&I REHABILITATION - PHASE IB	SCAPCREDIT		10/6/2016	199036	1484975
Ohio River FM	LE923204	Indian Springs Hotel	LAT EXT	13000	11/16/2016	-28275	1456700
Ohio River FM	SC1082590	MAINTENANCE WORK FY17 JAN-JUN-OHIO RIVER FORCE MAI	SCAPCREDIT		6/30/2017	1630	1458330
Ohio River FM	SC1082592	MAINTENANCE WORK FY18 JUL-DEC-OHIO RIVER FORCE MAI	SCAPCREDIT		12/30/2017	3330	1461660
Ohio River FM	SC1107187	CONTRACTED WORK FY18 - ORFM	SCAPCREDIT		6/20/2018	656	1462316
Ohio River FM	SC1109838	MAINTENANCE WORK FY19 ORFM	SCAPCREDIT		6/30/2019	7691	1470007
Ohio River FM	SC1107194	CONTRACTED WORK FY19 - ORFM	SCAPCREDIT		7/30/2019	32673	1502680
Ohio River FM	LE997630	QSR Automations, Inc.	LAT EXT	3300	9/12/2019	-7178	1495502
Ohio River FM	LE971285	Cityscape - Simcoe Lane	LAT EXT	66700	12/6/2019	-145073	1350429
Ohio River FM	LE937450	Poplar Hill Place	LAT EXT	4000	6/16/2020	-8700	1341729

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Ohio River FM	SC1109848	MAINTENANCE WORK FY20 ORFM	SCAPCREDIT		6/30/2020	2650	1344379
Ohio River FM	SC1109858	MAINTENANCE WORK FY21 ORFM	SCAPCREDIT		6/30/2021	3855	1348234
Ohio River FM	LE1056413	Schuhmann - Blankenbaker Lane	LAT EXT	800	10/14/2021	-1740	1346494
Ohio River FM	SC1109782	CONTRACTED WORK FY22 - ORFM	SCAPCREDIT		6/1/2022	864	1347358
Ohio River FM	SC1109888	MAINTENANCE WORK FY22 ORFM	SCAPCREDIT		6/30/2022	2276	1349634
Ohio River FM	SC1110784	MAINTENANCE WORK FY23 ORFM	SCAPCREDIT		6/30/2023	2347	1351981
Ohio River FM	SC1110951	MAINTENANCE WORK FY24 ORFM	SCAPCREDIT		6/30/2024	1509	1353490
Ohio River FM							1353490
Pond Creek	235574	MAINTENANCE WORK FY06 AUG-FY09 NOV - POND CREEK	SCAPCREDIT		11/1/2008	71782	71782
Pond Creek	359347	MAINTENANCE WORK FY09A - POND CREEK	SCAPCREDIT		12/31/2008	4000	75782
Pond Creek	359438	CALENDAR 2008 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2008	4000	79782
Pond Creek	SC1011298	CALENDAR 2008 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2008	1913	81695
Pond Creek	SC1011299	MAINTENANCE WORK FY09B - POND CREEK	SCAPCREDIT		6/30/2009	6403	88098
Pond Creek	SC1011305	CALENDAR 2009 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2009	22337	110435
Pond Creek	359348	CALENDAR 2009 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2009	4000	114435
Pond Creek	359439	MAINTENANCE WORK FY10A - POND CREEK	SCAPCREDIT		12/31/2009	12000	126435
Pond Creek	192513	BANNON CROSSINGS SECTION 3A-1	LAT EXT	800	2/17/2010	-1740	124695
Pond Creek	219734	DSL LIFE LONG LEARNING CENTER	LAT EXT	900	3/26/2010	-1958	122737
Pond Creek	261115	EMERGENCY RESTORATION	LAT EXT	400	4/27/2010	-870	121867
Pond Creek	SC1011307	MAINTENANCE WORK FY10B - POND CREEK	SCAPCREDIT		6/30/2010	11060	132927
Pond Creek	276977	DADISMAN BUILDERS-POPLAR TREE	LAT EXT	400	10/13/2010	-870	132057
Pond Creek	266833	THORNTONS @ PRESTON HWY	LAT EXT	400	12/1/2010	-870	131187
Pond Creek	280751	NOTTINGTON HILLS SEC 1	LAT EXT	4400	12/29/2010	-9570	121617
Pond Creek	359350	MAINTENANCE WORK FY11A - POND CREEK	SCAPCREDIT		12/31/2010	12000	153390
Pond Creek	SC1011308	CALENDAR 2010 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2010	19773	141390
Pond Creek	187739	GLENGARRY INDUSTRIAL PARK	LAT EXT	4300	1/13/2011	-9353	144037
Pond Creek	277777	TIRE DISCOUNTERS - BOERSTE WAY	LAT EXT	2960	3/21/2011	-6438	137599
Pond Creek	SC1011309	MAINTENANCE WORK FY11B - POND CREEK	SCAPCREDIT		6/30/2011	10562	148161
Pond Creek	304408	UPS SUPPLY CHAIN SOLUTIONS #7	LAT EXT	2250	9/14/2011	-4894	143267
Pond Creek	320918	FY12 EDSEL I/I REHABILITATION	SCAPCREDIT		9/27/2011	106700	249967
Pond Creek	313444	PLANET FITNESS - JEFF BLVD	LAT EXT	1600	11/4/2011	-3480	246487
Pond Creek	312391	LONGHORN STEAKHOUSE RESTAURANT	LAT EXT	4840	11/29/2011	-10527	235960
Pond Creek	320919	FY12 LANTANA I/I REHABILITATION	SCAPCREDIT		12/29/2011	5000	240960
Pond Creek	SC1011310	MAINTENANCE WORK FY12A - POND CREEK	SCAPCREDIT		12/31/2011	5380	246340
Pond Creek	359351	CALENDAR 2011 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2011	20000	266340
Pond Creek	310845	ZAXBY'S RESTAURANT	LAT EXT	3750	2/28/2012	-8156	258184
Pond Creek	255044	ISA-RECYCLING CENTER	LAT EXT	400	3/13/2012	-870	257314

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Pond Creek	312814	MILLER TRANSPORTATION	LAT EXT	1800	3/19/2012	-3915	253399
Pond Creek	324554	NORTONS TEMPORARY OFFICE	LAT EXT	900	4/16/2012	-1958	251441
Pond Creek	234102	ETHOS AT VALLEY FARM SR LIVING	LAT EXT	7050	6/19/2012	-15334	236107
Pond Creek	322367	SHEPHERDS CARE MEMORY HOME	LAT EXT	2000	6/21/2012	-4350	231757
Pond Creek	SC1011313	MAINTENANCE WORK FY12B - POND CREEK	SCAPCREDIT		6/30/2012	3877	235634
Pond Creek	307332	LOUISVILLE INDUSTRIAL BLDG B	LAT EXT	2520	8/6/2012	-5481	230153
Pond Creek	279860	CONTRACTED WORK FY12 - POND CREEK	SCAPCREDIT		8/10/2012	-20880	209273
Pond Creek	SC1005684	BANNON CROSSINGS SEC 3B-2	LAT EXT	9600	8/10/2012	3812	213085
Pond Creek	312053	DOLLAR GENERAL - CLEARWATER FA	LAT EXT	400	8/13/2012	-870	212215
Pond Creek	343455	SINGLE FAMILY 1812 GREYLING DR	LAT EXT	400	10/12/2012	-870	211345
Pond Creek	243109	OVERBROOK APARTMENTS	LAT EXT	41200	11/9/2012	-89610	121735
Pond Creek	14SC1005	CALENDAR 2012 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2012	25984	147719
Pond Creek	359354	MAINTENANCE WORK FY13A - POND CREEK	SCAPCREDIT		12/31/2012	56000	203719
Pond Creek	329624	COPART	LAT EXT	400	2/20/2013	-870	202849
Pond Creek	320924	FY12 LEA ANN WAY INTERCEPTOR I&I RE	SCAPCREDIT		4/8/2013	1195676	1398525
Pond Creek	348982	SOUTHGATE BUSINESS CTR RETAIL	LAT EXT	2060	4/15/2013	-4481	1394044
Pond Creek	346082	ZAXBYS	LAT EXT	2065	5/2/2013	-4491	1389553
Pond Creek	SC1082593	MAINTENANCE WORK FY13 JAN-JUN-POND CREEK	SCAPCREDIT		6/30/2013	41995	1431548
Pond Creek	335385	HARRISON LOW PRESSURE S/S	LAT EXT	1600	7/2/2013	-3480	1428068
Pond Creek	SC1005534	FY13 PICADILLY I/I REHABILITATION	SCAPCREDIT		7/12/2013	187564	1615632
Pond Creek	320940	4 RESIDENCE SFU 7821 MANSLICK	LAT EXT	400	8/16/2013	-870	1614762
Pond Creek	SC1005538	CONTRACTED WORK FY13 - POND CREEK	SCAPCREDIT		8/27/2013	18958	1633720
Pond Creek	324886	PNC BANK	LAT EXT	400	9/6/2013	-870	1632850
Pond Creek	361336	RENAISSANCE SOUTH BUSINESS	LAT EXT	540	9/6/2013	-1175	1631675
Pond Creek	13LE1083	SINGLE FAMILY HOME 5402 (H) E MANSLICK RD	LAT EXT	400	9/26/2013	-870	1630805
Pond Creek	331546	BLAIR JEFFERSON BLVD	LAT EXT	3500	10/7/2013	-7613	1623192
Pond Creek	SC1005319	FY13 FEGENBUSH I/I REHABILITATION	SCAPCREDIT		11/12/2013	226201	1849393
Pond Creek	353125	PEGASUS TRANSPORTATION	LAT EXT	250	12/9/2013	-544	1848849
Pond Creek	308206	APPLEGATE FARMS	LAT EXT	57200	12/10/2013	-124410	1724439
Pond Creek	341439	PRESTON GARDENS APTS	LAT EXT	22200	12/10/2013	-48285	1676154
Pond Creek	SC1082594	MAINTENANCE WORK FY14 JUL-DEC-POND CREEK	SCAPCREDIT		12/30/2013	19491	1695645
Pond Creek	13LE1179	TIMBERBEND SUBDIVISION SEC 5B	LAT EXT	6400	2/14/2014	-13920	1681725
Pond Creek	13LE1035	RENAISSANCE SOUTH BUSINESS PARK TRACT 4	LAT EXT	5415	4/10/2014	-11778	1669947
Pond Creek	13LE1115	VERIZON-OUTER LOOP	LAT EXT	400	4/22/2014	-870	1669077
Pond Creek	348014	ASHTON PARK TOWN HOMES	LAT EXT	9000	4/24/2014	-19575	1649502
Pond Creek	280180	LOUISVILLE INDUSTRIAL CTR F	LAT EXT	2480	5/16/2014	-5394	1644108
Pond Creek	14LE1085	Williams Properties - Self Storage Facility	LAT EXT	400	5/28/2014	-870	1643238

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Pond Creek	13LE1034	6300 GEIL LANE WAREHOUSE	LAT EXT	720	6/9/2014	-1566	1641672
Pond Creek	14LE1052	Stor-All Fairdale	LAT EXT	400	6/12/2014	-870	1640802
Pond Creek	SC1082595	MAINTENANCE WORK FY14 JAN-JUN-POND CREEK	SCAPCREDIT		6/30/2014	14457	1655259
Pond Creek	284215	HURSTBOURNE POINTE APTS	LAT EXT	9600	7/7/2014	-20880	1634379
Pond Creek	344230	AUSTIN PARK APARTMENTS PH6	LAT EXT	27600	8/25/2014	-60030	1574349
Pond Creek	14LE1177	Valley Farm Subd.	LAT EXT	0	8/29/2014	0	1574349
Pond Creek	13LE1105	JEFFERSON COMMONS	LAT EXT	17075	11/13/2014	-37138	1537211
Pond Creek	SC1005323	FY13 FERN CREEK I/I REHABILITATION	SCAPCREDIT		11/18/2014	551108	2088319
Pond Creek	SC1082596	MAINTENANCE WORK FY15 JUL-DEC-POND CREEK	SCAPCREDIT		12/30/2014	26095	2114414
Pond Creek	13LE1017	APEX ON PRESTON APT HOMES(Formally CITYSCAPE APTS	LAT EXT	84400	1/13/2015	-183570	1930844
Pond Creek	14LE1145	Murphy USA - Outer Loop	LAT EXT	2000	2/6/2015	-4350	1926494
Pond Creek	SC1005541	FY13 STONY BROOK I/I REHABILITATION	SCAPCREDIT		3/10/2015	345397	2271891
Pond Creek	SC995942	FY13 CAVEN AVE I/I REMEDIATION	SCAPCREDIT		3/11/2015	225645	2497536
Pond Creek	354207	COOPER FARMS SEC 11B	LAT EXT	12400	4/29/2015	-26970	2470566
Pond Creek	354209	COOPER FARMS SEC 11A	LAT EXT	13200	4/29/2015	-28710	2441856
Pond Creek	LE939897	Thorntons - 8405 National Turnpike	LAT EXT	1000	5/14/2015	-2175	2439681
Pond Creek	SC1082597	MAINTENANCE WORK FY15 JAN-JUN-POND CREEK	SCAPCREDIT		6/30/2015	10279	2449960
Pond Creek	LE948692	Jim's Express Wash	LAT EXT	10500	7/28/2015	-22838	2427122
Pond Creek	LE951121	Allgeier Site	LAT EXT	400	8/7/2015	-870	2426252
Pond Creek	13LE1086	WOODS OF PENN RUN OFFSITE SS	LAT EXT	1000	8/25/2015	-2175	2424077
Pond Creek	LE950066	Challenger Lifts New Assembly	LAT EXT	1010	10/1/2015	-2197	2421880
Pond Creek	13LE1140	JEFFERSON POST APARTMENTS	LAT EXT	28800	10/2/2015	-62640	2359240
Pond Creek	LE950068	Single Family Home - 1707 Greyling Drive	LAT EXT	400	10/6/2015	-870	2358370
Pond Creek	LE950067	Single Family Home - 1801 Greyling Drive	LAT EXT	400	10/6/2015	-870	2357500
Pond Creek	SC1082598	MAINTENANCE WORK FY16 JUL-DEC-POND CREEK	SCAPCREDIT		12/30/2015	13994	2371494
Pond Creek	14LE1116	CATALPA SPRINGS	LAT EXT	2800	12/30/2015	-6090	2365404
Pond Creek	13LE1056	MORNING POINTE AT HURSTBOURNE	LAT EXT	13000	2/4/2016	-28275	2337129
Pond Creek	358356	WOODS OF PENN RUN Section 1	LAT EXT	18800	2/12/2016	-40890	2296239
Pond Creek	LE971260	Louisville Free Public Library South Central	LAT EXT	2325	2/22/2016	-5057	2291182
Pond Creek	LE947322	Renaissance South Business Park Tract 5B	LAT EXT	10140	3/14/2016	-22055	2269127
Pond Creek	LE971269	Renaissance South Business Park, Tract 5	LAT EXT	9336	3/22/2016	-20306	2248821
Pond Creek	SC1003699	CONTRACTED WORK FY16 - POND CREEK	SCAPCREDIT		5/17/2016	36063	2284884
Pond Creek	LE936598	Jefferson Commerce Center Tract 1A	LAT EXT	5250	6/6/2016	-11419	2273465
Pond Creek	14LE1170	AUSTIN PARK SS PHASE 8	LAT EXT	16800	6/21/2016	-57420	2216045
Pond Creek	LE918484	Austin Park Phase 7 & 8	LAT EXT	26400	6/21/2016	-36540	2179505
Pond Creek	SC1082599	MAINTENANCE WORK FY16 JAN-JUN-POND CREEK	SCAPCREDIT		6/30/2016	12650	2192155
Pond Creek	SC1003087	FY14 HILLRIDGE I/I REMEDIATION	SCAPCREDIT		8/5/2016	308184	2500339

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Pond Creek	SC939830	FY15 LEA ANN WAY WEST (LAWW) I/I REHABILITATION	SCAPCREDIT		8/20/2016	538285	3038624
Pond Creek	SC1003292	FY14 LEA ANN WAY WEST (LAWW) QUAD3 I/I REMEDIATION	SCAPCREDIT		8/31/2016	311526	3350150
Pond Creek	SC1006197	CONTRACTED WORK FY15 - POND CREEK	SCAPCREDIT		10/24/2016	310	3350460
Pond Creek	SC1006182	CONTRACTED WORK FY14 - POND CREEK	SCAPCREDIT		10/26/2016	8390	3358850
Pond Creek	SC1005631	FY16 SILVER HEIGHTS SEWER REHAB	SCAPCREDIT		10/31/2016	692905	4051755
Pond Creek	SC1005639	FY14 LEA ANN WAY WEST (LAWW) QUAD4 I/I REHAB	SCAPCREDIT		10/31/2016	284936	4336691
Pond Creek	SC1082601	MAINTENANCE WORK FY17 JUL-DEC-POND CREEK	SCAPCREDIT		12/30/2016	14699	4351390
Pond Creek	LE942402	Preston Crossing Apartments	LAT EXT	46400	1/17/2017	-100920	4250470
Pond Creek	LE954229	Jefferson Commerce Center Bldg 2	LAT EXT	3150	2/2/2017	-6851	4243619
Pond Creek	LE971220	Woods of Penn Run Sec. 2	LAT EXT	20000	3/28/2017	-43500	4200119
Pond Creek	SC1082602	MAINTENANCE WORK FY17 JAN-JUN-POND CREEK	SCAPCREDIT		6/30/2017	14076	4214195
Pond Creek	LE967615	Cooper Farms Section 12	LAT EXT	21200	7/6/2017	-46110	4168085
Pond Creek	SC1107179	CONTRACTED WORK FY17 - POND CREEK	SCAPCREDIT		7/31/2017	39	4168124
Pond Creek	LE1020224	Renaissance South Business Park Tract 11	LAT EXT	6000	9/20/2017	-13050	4155074
Pond Creek	SC1082603	MAINTENANCE WORK FY18 JUL-DEC-POND CREEK	SCAPCREDIT		12/30/2017	10803	4165877
Pond Creek	LE1016885	Poplar Logistics	LAT EXT	3212	2/19/2018	-6986	4158891
Pond Creek	LE1029503	Texas Roadhouse	LAT EXT	700	3/15/2018	-1523	4157368
Pond Creek	LE1053266	Yokomori Manufacturing Facility	LAT EXT	1750	4/9/2018	-3806	4153562
Pond Creek	SC1107183	FY18 MOUNT WASHINGTON ROAD PS REHABILITATION	SCAPCREDIT		6/4/2018	48610	4202172
Pond Creek	SC1096902	FY17 ADMIRAL PS	SCAPCREDIT		6/30/2018	977768	5179940
Pond Creek	LE1049512	Poplar Logistics Center building 2	LAT EXT	3776	2/14/2019	-7317	5172623
Pond Creek	LE1049509	Poplar Logistics Center - Building 3	LAT EXT	3364	2/14/2019	-8213	5164410
Pond Creek	LE1047077	Orell Station 1C	LAT EXT	10400	6/10/2019	-22620	5141790
Pond Creek	SC1107191	FY18 OAKLAWN	SCAPCREDIT		6/21/2019	198872	5340662
Pond Creek	SC1109839	MAINTENANCE WORK FY19 POND CREEK	SCAPCREDIT		6/30/2019	4263264	9603926
Pond Creek	LE1053368	Ferndale Place Subdivision	LAT EXT	9600	7/10/2019	-20880	9583046
Pond Creek	LE1055055	Convington by the Lake Area 1	LAT EXT	33600	8/8/2019	-73080	9509966
Pond Creek	LE1048948	Estates of St Anthony Sec 3	LAT EXT	4000	11/22/2019	-8700	9501266
Pond Creek	LE1013108	Menards	LAT EXT	18450	1/6/2020	-40129	9461137
Pond Creek	LE1092680	Hidden Forest Section 2	LAT EXT	10000	1/13/2020	-21750	9439387
Pond Creek	LE1102769	L & N Federal Credit Union	LAT EXT	1950	2/18/2020	-4241	9435146
Pond Creek	LE1047091	New Cut Road Retail Shop	LAT EXT	1381	5/12/2020	-3004	9432142
Pond Creek	LE1078674	Frontgate Apartments	LAT EXT	30600	6/10/2020	-66555	9365587
Pond Creek	SC1109849	MAINTENANCE WORK FY20 POND CREEK	SCAPCREDIT		6/30/2020	15509	9381096
Pond Creek	LE1104752	Carwash USA	LAT EXT	9000	12/10/2020	-19575	9361521
Pond Creek	SC1109859	MAINTENANCE WORK FY21 POND CREEK	SCAPCREDIT		6/30/2021	8651	9370172
Pond Creek	LE1104279	Parkside at Mt. Washington Section 2	LAT EXT	48800	3/9/2022	-106140	9264032
Pond Creek	SC1107222	CONTRACTED WORK FY22 - POND CREEK	SCAPCREDIT		6/22/2022	80941	9344973

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Pond Creek	SC1109889	MAINTENANCE WORK FY22 POND CREEK	SCAPCREDIT		6/30/2022	16845	9361818
Pond Creek	LE1105623	The Preserve at Cedar Creek Section 3	LAT EXT	28800	9/27/2022	-62640	9299178
Pond Creek	LE1106463	Fern Valley Road & Shepherdsville Road Commercial	LAT EXT	10060	1/6/2023	-21881	9277297
Pond Creek	SC1110719	CONTRACTED WORK FY23 - POND CREEK	SCAPCREDIT		5/19/2023	28816	9306113
Pond Creek	LE1105370	Stem Commercial Center	LAT EXT	450	5/19/2023	-979	9305134
Pond Creek	SC1110786	MAINTENANCE WORK FY23 POND CREEK	SCAPCREDIT		6/30/2023	15407	9320541
Pond Creek	LE1106887	Parkside at Mount Washington Section 3	LAT EXT	23200	2/8/2024	-50460	9270081
Pond Creek	LE1106966	Nicolas Farms FKA Leisure Lane Subdivision	LAT EXT	20000	3/20/2024	-43500	9226581
Pond Creek	SC1110952	MAINTENANCE WORK FY24 POND CREEK	SCAPCREDIT		6/30/2024	16366	9242947
Pond Creek	LE1107472	Hidden Forest Section 4	LAT EXT	22400	10/15/2024	-48720	9194227
Pond Creek							9194227
Southeast Diversion	359440	CALENDAR 2007 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2007	128000	128000
Southeast Diversion	359355	CALENDAR 2007 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2007	8000	136000
Southeast Diversion	235575	MAINTENANCE WORK FY06 AUG-FY09 NOV - SE DIVERSION	SCAPCREDIT		11/1/2008	71472	207472
Southeast Diversion	236214	FY09 GOLDSMITH BUECHB ICA PHI REHAB	SCAPCREDIT		12/22/2008	314808	522280
Southeast Diversion	236296	FY09 BEARGRASS INT REHAB PH1 (SED)	SCAPCREDIT		12/22/2008	122688	644968
Southeast Diversion	359441	CALENDAR 2008 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2008	16000	660968
Southeast Diversion	SC1011317	MAINTENANCE WORK FY09A - SE DIVERSION	SCAPCREDIT		12/31/2008	1555	662523
Southeast Diversion	359356	CALENDAR 2008 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2008	4000	666523
Southeast Diversion	SC1011318	MAINTENANCE WORK FY09B - SE DIVERSION	SCAPCREDIT		6/30/2009	2929	669452
Southeast Diversion	229854	TINY HANDS DAYCARE	LAT EXT	1225	10/20/2009	-2664	666788
Southeast Diversion	359443	CALENDAR 2009 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2009	8000	686788
Southeast Diversion	SC1011322	CALENDAR 2009 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2009	16974	703762
Southeast Diversion	359357	MAINTENANCE WORK FY10A - SE DIVERSION	SCAPCREDIT		12/31/2009	12000	678788
Southeast Diversion	235291	SULLIVAN COLLEGE OF TECHNOLOGY	LAT EXT	900	2/11/2010	-1958	701804
Southeast Diversion	238328	LOUISVILLE COLLEGIATE SPORTS	LAT EXT	400	3/1/2010	-870	700934
Southeast Diversion	241759	FRISCHS BIG BOY RESTAURANT	LAT EXT	2400	3/5/2010	-5220	695714
Southeast Diversion	257275	LOUISVILLE JUNIOR ACADEMY	LAT EXT	520	4/16/2010	-1131	694583
Southeast Diversion	270858	SINGLE FAMILY CONNECTION	LAT EXT	400	6/29/2010	-870	693713

CREDIT BASIN	APPLICATION	APPLICATION NAME	TYPE	FLOW (GAL/DAY)	RELEASE DATE	APPROVED CREDIT REQUIRED OR FLOW REDUCTION (GAL/DAY)	RUNNING TOTAL (GAL/DAY)
Southeast Diversion	SC1011326	MAINTENANCE WORK FY10B - SE DIVERSION	SCAPCREDIT		6/30/2010	10739	704452
Southeast Diversion	320993	FY11 BEARGRASS CREEK PHASE II (SED)	SCAPCREDIT		12/14/2010	10368	714820
Southeast Diversion	359358	CALENDAR 2010 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2010	4000	718820
Southeast Diversion	SC1011328	CALENDAR 2010 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2010	11090	729910
Southeast Diversion	359444	MAINTENANCE WORK FY11A - SE DIVERSION	SCAPCREDIT		12/31/2010	24000	753910
Southeast Diversion	286513	GARDINER POINT RESIDENCE HALL	LAT EXT	10800	2/16/2011	-23490	730420
Southeast Diversion	276378	TIRE DISCOUNTERS - BARDSTOWN	LAT EXT	1500	5/6/2011	-3263	727157
Southeast Diversion	287888	BEVERAGE WAREHOUSE	LAT EXT	1180	5/30/2011	-2567	724590
Southeast Diversion	SC1011330	MAINTENANCE WORK FY11B - SE DIVERSION	SCAPCREDIT		6/30/2011	3661	728251
Southeast Diversion	296295	KEN TOWERY -3800 S HURSTBOURNE	LAT EXT	400	7/1/2011	-870	727381
Southeast Diversion	SC1011331	CALENDAR 2011 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2011	5071	804452
Southeast Diversion	359445	CALENDAR 2011 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2011	8000	735381
Southeast Diversion	359359	MAINTENANCE WORK FY12A - SE DIVERSION	SCAPCREDIT		12/31/2011	64000	799381
Southeast Diversion	325231	ASSUMPTION SPORTS AND REC CTR	LAT EXT	1800	4/20/2012	-3915	800537
Southeast Diversion	SC1011316	MAINTENANCE WORK FY12B - SE DIVERSION	SCAPCREDIT		6/30/2012	24202	824739
Southeast Diversion	SC1011333	MAINTENANCE WORK FY12B - SE DIVERSION	SCAPCREDIT		6/30/2012	6141	830880
Southeast Diversion	307018	HOOK PROPERTY FAMILY DOLLAR	LAT EXT	400	8/10/2012	-870	830010
Southeast Diversion	341828	SINGLE FAMILY - 3408 HUNSIGNER	LAT EXT	400	10/11/2012	-870	829140
Southeast Diversion	14SC1006	CALENDAR 2012 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2012	24202	853342
Southeast Diversion	359446	MAINTENANCE WORK FY13A - SE DIVERSION	SCAPCREDIT		12/31/2012	4000	857342
Southeast Diversion	359361	CALENDAR 2012 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2012	68000	925342
Southeast Diversion	187741	BROOKSTONE SENIOR APARTMENTS	LAT EXT	16800	3/11/2013	-36540	888802
Southeast Diversion	359068	SINGLE FAMILY 2233 BEARGRASS	LAT EXT	400	4/22/2013	-870	887932
Southeast Diversion	355163	ZOELLER APARTMENTS LOT 1	LAT EXT	2300	5/15/2013	-5003	882929
Southeast Diversion	232601	RAINTREE/MARIAN CT P/S ELIM	LAT EXT	105800	6/14/2013	-230115	652814

CREDIT BASIN	APPLICATION	APPLICATION NAME	TYPE	FLOW (GAL/DAY)	RELEASE DATE	APPROVED CREDIT REQUIRED OR FLOW REDUCTION (GAL/DAY)	RUNNING TOTAL (GAL/DAY)
Southeast Diversion	SC1082605	MAINTENANCE WORK FY13 JAN-JUN-SOUTHEAST DIVERSION	SCAPCREDIT		6/30/2013	21761	674575
Southeast Diversion	13LE1052	BACHMAN PRE-OWNED CAR DEALERSHIP	LAT EXT	845	8/22/2013	-1838	672737
Southeast Diversion	SC1005539	CONTRACTED WORK FY13 - SOUTHEAST DIVERSION	SCAPCREDIT		9/18/2013	25344	698081
Southeast Diversion	13LE1041	RESTAURANT/RETAIL AT 2131 HURSTBOURNE PKWY	LAT EXT	1920	9/20/2013	-4176	693905
Southeast Diversion	330437	COLLEGIATE ATHLETIC FIELD	LAT EXT	800	11/26/2013	-1740	692165
Southeast Diversion	SC1082606	MAINTENANCE WORK FY14 JUL-DEC-SOUTHEAST DIVERSION	SCAPCREDIT		12/30/2013	19491	711656
Southeast Diversion	SC1082607	MAINTENANCE WORK FY14 JAN-JUN-SOUTHEAST DIVERSION	SCAPCREDIT		6/30/2014	9087	720743
Southeast Diversion	14LE1156	Copper Chase Business Park, Phase	LAT EXT	840	12/29/2014	-1827	718916
Southeast Diversion	SC1082608	MAINTENANCE WORK FY15 JUL-DEC-SOUTHEAST DIVERSION	SCAPCREDIT		12/30/2014	15321	734237
Southeast Diversion	SC1006185	CONTRACTED WORK FY14 - SOUTHEAST DIVERSION	SCAPCREDIT		2/11/2015	187478	921715
Southeast Diversion	LE939900	Thorntons - 4154 Bardstown Road	LAT EXT	1000	5/14/2015	-2175	919540
Southeast Diversion	LE932083	MAINTENANCE WORK FY15 JAN-JUN-SOUTHEAST DIVERSION	SCAPCREDIT		6/30/2015	-870	918670
Southeast Diversion	SC1082610	Commercial Shell Bldg Addition	LAT EXT	400	6/30/2015	10273	928943
Southeast Diversion	SC1006199	CONTRACTED WORK FY15 - SOUTHEAST DIVERSION	SCAPCREDIT		10/20/2015	1	928944
Southeast Diversion	LE919560	Todd's Place Express Car Wash	LAT EXT	4830	12/22/2015	-10505	918439
Southeast Diversion	SC1109798	FY16 JEFFERSONTOWN WQTC ELIMINATION CREDIT SEDIV	SCAPCREDIT		12/23/2015	968820	1887259
Southeast Diversion	SC1082611	MAINTENANCE WORK FY16 JUL-DEC-SOUTHEAST DIVERSION	SCAPCREDIT		12/30/2015	7052	1894311
Southeast Diversion	LE948013	Unspecified Commercial Development	LAT EXT	2620	1/8/2016	-5699	1888612
Southeast Diversion	SC1003718	FY16 FSOUTHEAST DIVERSION AREA G (SEDG) I/I REHAB	SCAPCREDIT		2/16/2016	75998	1964610
Southeast Diversion	14LE1110	Bosniak-American Islamic Center	LAT EXT	1100	4/4/2016	-2393	1962217
Southeast Diversion	SC1003704	CONTRACTED WORK FY16 - SOUTHEAST DIVERSION	SCAPCREDIT		5/24/2016	66	1962283
Southeast Diversion	SC1082612	MAINTENANCE WORK FY16 JAN-JUN-SOUTHEAST DIVERSION	SCAPCREDIT		6/30/2016	19904	1982187
Southeast Diversion	LE943171	Costco Wholesale and Fuel Facility	LAT EXT	8000	7/28/2016	-17400	1964787
Southeast Diversion	SC1082613	MAINTENANCE WORK FY17 JUL-DEC-SOUTHEAST DIVERSION	SCAPCREDIT		12/30/2016	5812	1970599
Southeast Diversion	LE967621	Chick-fil-A FSU #	LAT EXT	1500	1/6/2017	-3263	1967336

CREDIT BASIN	APPLICATION	APPLICATION NAME	TYPE	FLOW (GAL/DAY)	RELEASE DATE	APPROVED CREDIT REQUIRED OR FLOW REDUCTION (GAL/DAY)	RUNNING TOTAL (GAL/DAY)
Southeast Diversion	SC1082614	MAINTENANCE WORK FY17 JAN-JUN-SOUTHEAST DIVERSION	SCAPCREDIT		6/30/2017	6961	1974297
Southeast Diversion	LE1019576	Bachman Subaru Dealership	LAT EXT	489	7/18/2017	-1064	1973233
Southeast Diversion	LE1030200	Wingate Hotel Pool	LAT EXT	400	8/10/2017	-870	1972363
Southeast Diversion	SC1082615	MAINTENANCE WORK FY18 JUL-DEC-SOUTHEAST DIVERSION	SCAPCREDIT		12/30/2017	14909	1987272
Southeast Diversion	LE1031137	Collins Body Shop Expansion	LAT EXT	400	3/9/2018	-870	1986402
Southeast Diversion	LE1002002	ALDI #39	LAT EXT	400	3/15/2018	-870	1985532
Southeast Diversion	LE1039341	Silver Creek Place Apartments	LAT EXT	7200	4/9/2018	-15660	1969872
Southeast Diversion	LE1046691	Crown Packaging	LAT EXT	400	4/18/2018	-870	1969002
Southeast Diversion	LE1061616	Bob Hook Chevrolet	LAT EXT	400	6/4/2018	-870	1968132
Southeast Diversion	LE1068750	Nicklies Paragon Centre - Corporate Office Additio	LAT EXT	3040	1/10/2019	-6612	1961520
Southeast Diversion	SC1109840	MAINTENANCE WORK FY19 SE DIVERSION	SCAPCREDIT		6/30/2019	55936	2017456
Southeast Diversion	SC1107193	CONTRACTED WORK FY19 - SOUTHEAST DIVERSION	SCAPCREDIT		8/30/2019	15760	2033216
Southeast Diversion	SC1107192	FY18 SOUATHEAST DIVERSION AREA F (SEDF)	SCAPCREDIT		9/12/2019	1617410	3650626
Southeast Diversion	LE1102994	Honda World - building expansion	LAT EXT	400	1/17/2020	-870	3649756
Southeast Diversion	SC1109850	MAINTENANCE WORK FY20 SE DIVERSION	SCAPCREDIT		6/30/2020	16393	3666149
Southeast Diversion	LE1074909	Bardstown Road Storage	LAT EXT	400	7/29/2020	-870	3665279
Southeast Diversion	LE1104178	DRAKES RESTAURANT	LAT EXT	3000	1/4/2021	-6525	3658754
Southeast Diversion	LE1104275	FKC WATTERSON DIALYSIS	LAT EXT	6180	1/5/2021	-13442	3645312
Southeast Diversion	SC1109860	MAINTENANCE WORK FY21 SE DIVERSION	SCAPCREDIT		6/30/2021	15519	3660831
Southeast Diversion	SC1107199	FY20 NIGHTINGALE (SEDC) REHABILITATION	SCAPCREDIT		9/2/2021	739758	4400589
Southeast Diversion	LE1054201	9603 Watterson Trail	LAT EXT	400	11/22/2021	-870	4399719
Southeast Diversion	SC1109890	MAINTENANCE WORK FY22 SE DIVERSION	SCAPCREDIT		6/30/2022	19738	4419457
Southeast Diversion	SC1110722	CONTRACTED WORK FY23 - SOUTHEAST DIVERSION	SCAPCREDIT		6/5/2023	328	4419785
Southeast Diversion	SC1110787	MAINTENANCE WORK FY23 SE DIVERSION	SCAPCREDIT		6/30/2023	11654	4431439
Southeast Diversion	LE1057793	Hurstbourne Commons Subdivision Section 1	LAT EXT	22400	12/14/2023	-48720	4382719
Southeast Diversion	SC1110953	MAINTENANCE WORK FY24 SE DIVERSION	SCAPCREDIT		6/30/2024	20345	4403064
Southeast Diversion							4403064

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Appendix N FY26 Asset Management Program Costs

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FISCAL YEAR	BUDGET ID	PROJECT NAME	ACTUAL EXPENDITURES
FY26	A24011	Asset Management Program Implementation - $25M AM	$427,469.04
FY26	A24132	Southwestern CSO Basin Bar Screen Replacement	$(11,641.73)
FY26	A24133	West Goose Creek PS Rehabilitation	$81,747.39
FY26	A24176	Hancock St Sewer Emergency Repair	$-
FY26	A25271	Beulah Crossings Excess Cost	$-
FY26	A25278	Hunters Hollow Excess Cost	$-
FY26	A25303	Sunset Circle PS Elimination Excess Cost	$92,264.75
FY26	A25304	4706 Rossmoor Emergency Repair	$-
FY26	C24121	California Trap Catch Basin Replacement Phase 2	$-
FY26	C24139	Shawnee Trap Catch Basin Replacement	$783,082.54
FY26	D17039	MFWQTC DAFT Rehabilitation	$14,223,582.44
FY26	D17042	MFWQTC Primary Sedimentation Basins Rehabilitation	$4,938,086.75
FY26	D18090	CCWQTC Solids Dewatering Facility	$13,861,726.33
FY26	D18132	DRGWQTC WWPS WWSB HVAC & Roof and U3 & U4 Transformer Elimination	$479,929.79
FY26	D18160	MFWQTC Mixed Liquor Channel and HPO Batteries A, B, C Improvements	$993,276.54
FY26	D18161	MFWQTC Chlorine Contact Tanks and FEPS Structural Repairs	$298,883.99
FY26	D19286	SWPS Gas Monitoring and SP1 Odor Control	$62,713.60
FY26	D20007	Peabody Gate Structure Rehabilitation	$12,246.03
FY26	D20008	Kirby Lane Pump Station Elimination	$-
FY26	D20012	SGC RTC Enhancements	$120,502.95
FY26	D20149	CCWQTC Admin Building Expansion	$4,444,982.95
FY26	D20351	Floyds Fork Interceptor	$178,756.75
FY26	D21079	Fairmount Road Pump Station Force Main Extension - Phase 2	$7,168,846.94
FY26	D21109	FY25 Regional WQTC Equipment RR	$28,061.78
FY26	D21230	DRG RAS Pumps 2 and 3 Replacement	$(24,026.91)
FY26	D21247	MFWQTC MEB HVAC Replacement	$1,147,519.39
FY26	D22080	DRG Clarifier 4-6 Mechanism Update	$4,297,671.74
FY26	D22098	CCWQTC Re-rating to 9_0 MGD	$1,074,220.20
FY26	D22122	MFWQTC MEB Boiler Replacement	$40,892.87
FY26	D22186	MFWQTC Computer Room Upgrades	$7,021.47
FY26	D22213	CCWQTC Tertiary Filtration	$320,741.58
FY26	D23159	CCWQTC Maintenance Offices Roof Replacement	$-
FY26	D23168	MFWQTC Odor Control Chemical Storage Building Roof Replacement	$-
FY26	D23194	MFWQTC Emergency Elevator Project	$1,519.68
FY26	D24009	AI Aquasight Software at HCWQTC and FFWQTC	$130,000.00
FY26	D24015	CCWQTC UV Improvements	$394,025.63

FISCAL YEAR	BUDGET ID	PROJECT NAME	ACTUAL EXPENDITURES
FY26	D24038	HCWQTC Sludge Screens	$33,380.00
FY26	D24045	Regional WQTC Controls Upgrades	$-
FY26	D24104	MFWQTC Secondary Load Centers Replacement	$1,543,732.99
FY26	D24106	CCWQTC South Electrical Service	$257,378.00
FY26	D24149	MFWQTC Digester Gas Hydrogen Sulfide Removal	$6,067,910.24
FY26	D24169	Western Outfall Sewershed Studies	$44,866.89
FY26	D24187	North Galt Ave Sewer Repair	$1,014,522.87
FY26	D25023	CCWQTC Sludge Storage Blower Upgrade	$4,235.00
FY26	D25055	DRGWQTC Raw Water PS Pump Rebuild	$-
FY26	D25056	DRGWQTC Process Water Pump Strainer System	$193,912.65
FY26	D25229	Bells Lane Wet Weather Treatment Facility Peracetic Acid Chemical Feed System Rehabilitation	$989,492.79
FY26	D25279	FFWQTC Orbital Upgrades	$28,921.20
FY26	D26021	FY26 Vertical Infrastructure Rehab - MFWQTC	$767,547.72
FY26	D26029	FY26 Vertical Infrastructure Rehab - Regional WQTC	$691,343.50
FY26	D26053	FY26-27 Regional WQTC Controls Upgrades	$65,409.61
FY26	D26156	MFWQTC Lab HVAC Upgrade	$235,512.64
FY26	D26172	DRGWQTC Raw Water Pump Station Upgrade Study	$9,350.00
FY26	D26242	FFWQTC Sludge Storage Tank Improvements	$-
FY26	D27018	FY27 Vertical Infrastructure Rehab - MFWQTC	$-
FY26	D27026	FY27 Vertical Infrastructure Rehab - Regional WQTC	$-
FY26	D27066	MFWQTC FEPS Pump Monitor Upgrade	$-
FY26	D27069	CCWQTC Influent PS Pump Hoist	$-
FY26	D27072	DRGWQTC Clarifier 1-6 Inlet Gate Actuator Replacement	$-
FY26	E15035	Lake Forest Pump Station Eliminations	$259,551.61
FY26	E21026	FY25 Linear Assets RR	$19,549.45
FY26	E21028	FY25 CMOM I and C Implementation	$100,125.95
FY26	E21052	FY25 PS Replacement, Overhaul or Elimination	$7,419.20
FY26	E21071	Wathen Lane PS Rehabilitation	$-
FY26	E22116	South Shelby St. Sanitary Sewer Improvements	$-
FY26	E22223	Lantana Drive Pump Station No 1 Elimination	$1,589,637.01
FY26	E24017	Cypress Springs PS Elimination	$-
FY26	E24026	Fox Harbor 1 & 2 and Deep Trail Pump Station Eliminations	$60,575.04
FY26	E24190	Brown School Sewer Repair	$-
FY26	E25047	Muddy Fork PS Roof Replacement	$196,724.78
FY26	E25050	OT PLC Network Upgrades	$210,987.41
FY26	E25065	SWOR2 Inflatable Dam Replacement	$-
FY26	E25116	Belle of Louisville Force Main Replacement	$-

FISCAL YEAR	BUDGET ID	PROJECT NAME	ACTUAL EXPENDITURES
FY26	E25309	Southwestern Outfall Odor Modeling	$37,140.03
FY26	E25311	Muddy Fork PS Generator Replacement	$140,477.96
FY26	E25313	Mellwood PS Generator Replacement	$1,076.30
FY26	E26007	FY26 Linear Assets RR	$204,608.00
FY26	E26010	FY26 Linear Infrastructure Rehab	$3,392,149.52
FY26	E26028	FY26 Vertical Infrastructure Rehab - Collections	$1,142,311.28
FY26	E26060	Barbour Ln PS Improvements	$114,239.17
FY26	E26153	Chamberlain Lane PS Diversion	$-
FY26	E26157	West Goose Creek FM ARVs Replacement and Site Access Improvements	$30,271.00
FY26	E26158	North 32nd St Sanitary Sewer Improvement	$34,234.86
FY26	E27005	FY27 Linear Assets RR	$-
FY26	E27008	FY27 Linear Infrastructure Rehabilitation Program	$-
FY26	E27025	FY27 Vertical Infrastructure Rehab - Collections	$-
FY26	E27030	Manning Rd_Cardinal Drive Sewer Rehab	$-
FY26	E27052	MDS Gate 1 Replacement and ORI Inspection	$-
FY26	E27060	Long Creek Way PS Oxygen Injection	$-
FY26	E27062	DV-7 Maintenance Access Improvements	$-
FY26	E27104	Southwest PS VFD Replacement	$-
FY26	F15010	Gate 102 Replacement	$-
FY26	F23052	Flood Gate 114 Replacement	$1,821,418.73
FY26	F24062	Starkey PS Hydraulic Actuator Replacement	$-
FY26	G26030	FY26 Renewal & Replacement	$2,335,682.15
FY26	G27027	FY27 Renewal & Replacement	$-
FY26	G27073	FFWQTC Admin Building Roof and Gutter Replacement	$-
FY26	H18168	CRRP - Ten Year Update	$9,308.55
FY26	H20021	Admiral Rd Storage	$1,161,849.93
FY26	H22014	MFWQTC Groundwater Dewatering System Automation	$-
FY26	H22018	CCWQTC Sludge Storage Tank Improvements	$406.62
FY26	H22022	SGC Gate Replacements	$308,108.18
FY26	H22032	DRGWQTC Sodium Bisulfite Bldg Improvements	$136,447.74
FY26	H22038	Sneads Branch Pump Replacement	$(71,842.47)
FY26	H23018	Hite Creek Main Interceptor	$3,468,977.47
FY26	H23039	Middletown Station PS Elimination	$739.17
FY26	H23041	Olde Copper Ct PS Elimination	$160,961.75
FY26	H23043	Parkwood PS Elimination	$73,922.40
FY26	H23050	WQTC Regional Lab Upgrade	$(82,596.94)
FY26	H23175	California Maple St Trap Catch Basin Rehab	$258,482.48
FY26	H23179	CSO 140 Outfall Reconstruction	$-
FY26	H24193	Goose Creek II Rehabilitation	$2,279,748.15

FISCAL YEAR	BUDGET ID	PROJECT NAME	ACTUAL EXPENDITURES
FY26	H24194	Floydsburg Road I&I Investigation and Rehabilitation	$-
FY26	H25031	Neighborhood Odor Control Catch Basin Investigations	$268,016.69
FY26	H25032	Chickasaw Trap Catch Basin Rehab	$48,448.48
FY26	H25039	ORFM Technology Study	$30,162.52
FY26	H25040	Collections System Foul Air Extraction Improvements	$-
FY26	H25053	Bells Lane Odor Mitigation - HRT	$515,733.20
FY26	H25059	Taylor-Berry Catch Basin Replacement	$200,363.00
FY26	H25083	Starkey PS Odor Mitigation Chemical Use Assessment	$44,220.00
FY26	H25227	E. Market St Catch Basin Replacement	$87,500.00
FY26	H25241	W Main St Catch Basin Replacement	$138,576.45
FY26	H25277	Chicksaw Trap Catch Basin Replacement Phase 1	$251,098.40
FY26	H26027	FY26 Plumbing Modification Program	$283,581.88
FY26	H26059	FY26 Private Property Illicit Discharge Program	$17,143.00
FY26	H27057	FY27 Brick Sewer Repairs	$-
FY26	H26061	Overflow Sampling and Monitoring Equipment Replacement	$438,507.55
FY26	H27064	Alternate OT Data Center	$-
	Total		$89,247,664.23

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Louisville and Jefferson County Metropolitan Sewer District Second Amended Consent Decree Annual Report FY26

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Safe, clean waterways