



**Louisville and Jefferson County
Metropolitan Sewer District
Second Amended Consent Decree
Annual Report FY25**

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

Reporting Period:

July 1, 2024 through June 30, 2025

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

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Louisville, Kentucky 40203-1911

Submittal Date:

September 30, 2025





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July 1, 2024 through June 30, 2025
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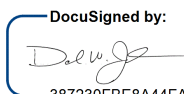
Attention Director and Chiefs:

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, 2024, through June 30, 2025.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including 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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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 fifth Annual Report is submitted in accordance with Paragraph 42 of the 2ACD. This report covers the time period from July 1, 2024, through June 30, 2025. 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	1,060	16,584.03

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. The final phase of the Middle Fork Relief Interceptor, Wet Weather Storage, & Diversion Project, scheduled for completion in 2030, is also expected to provide additional combined system overflow benefits.

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

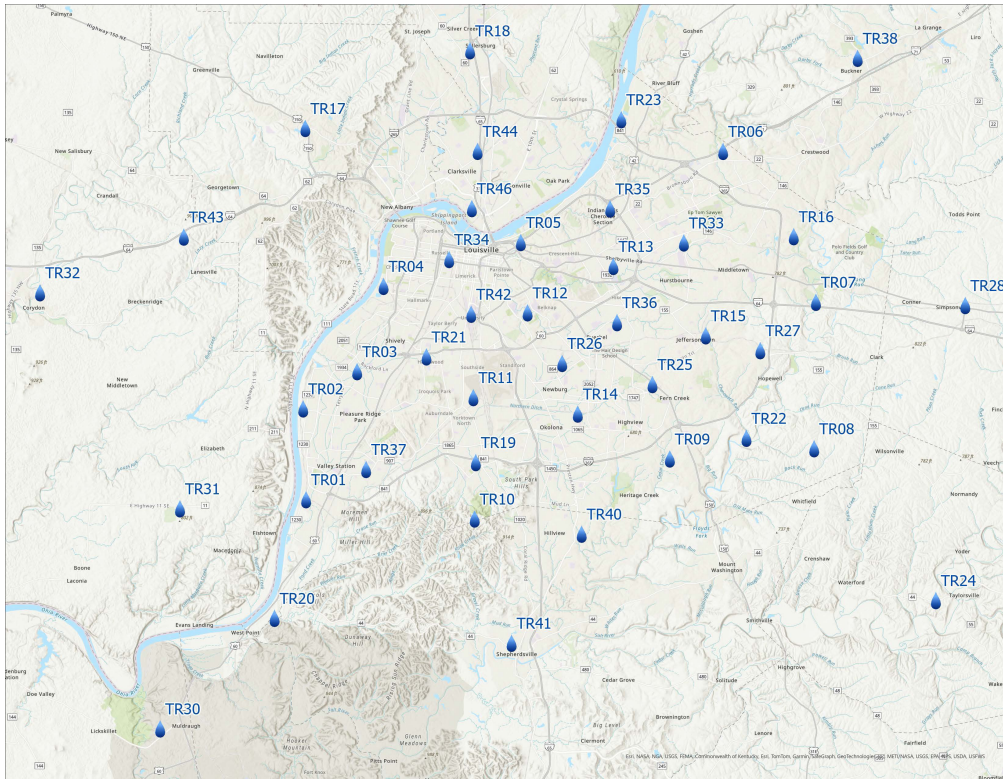


Figure 1.2. Daily Average Rainfall by Month

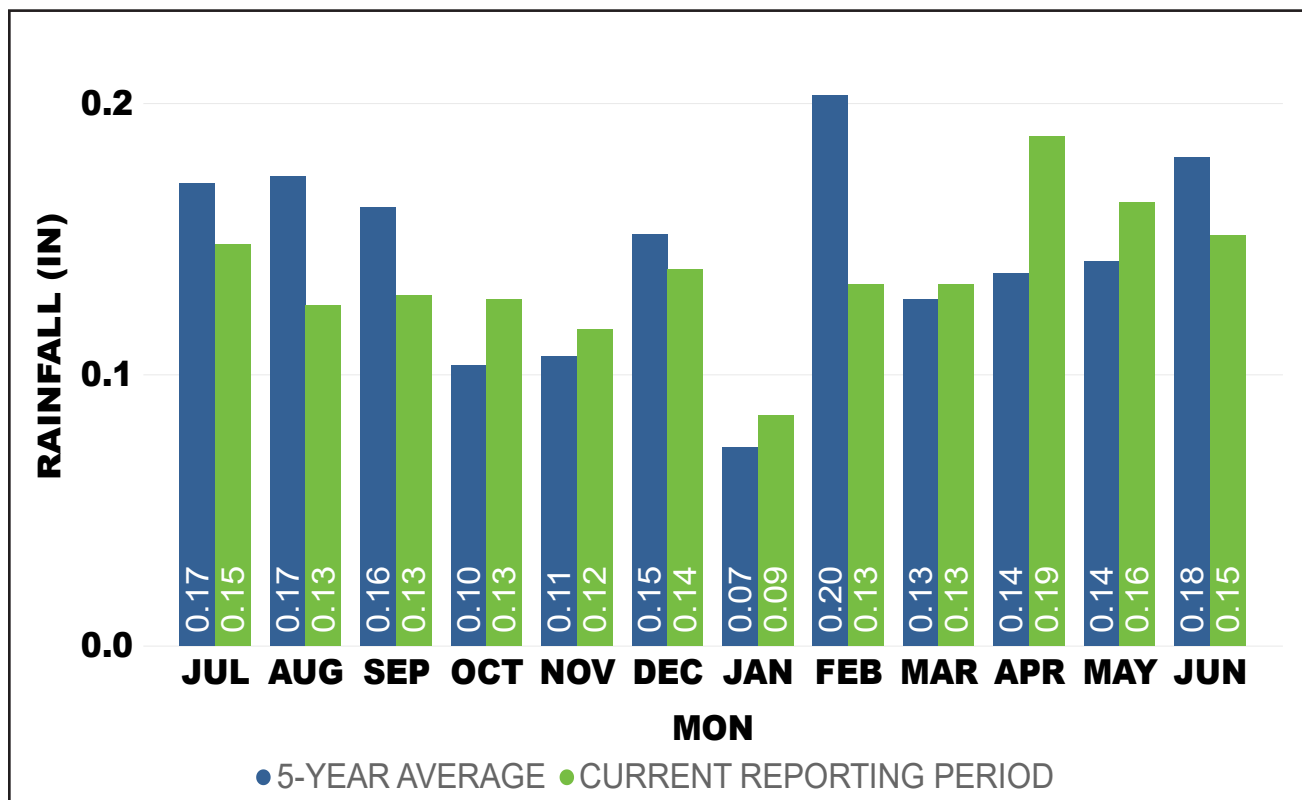


Figure 1.3. Wet Weather CSO Cumulative Reduction Modeled Projection - Volume

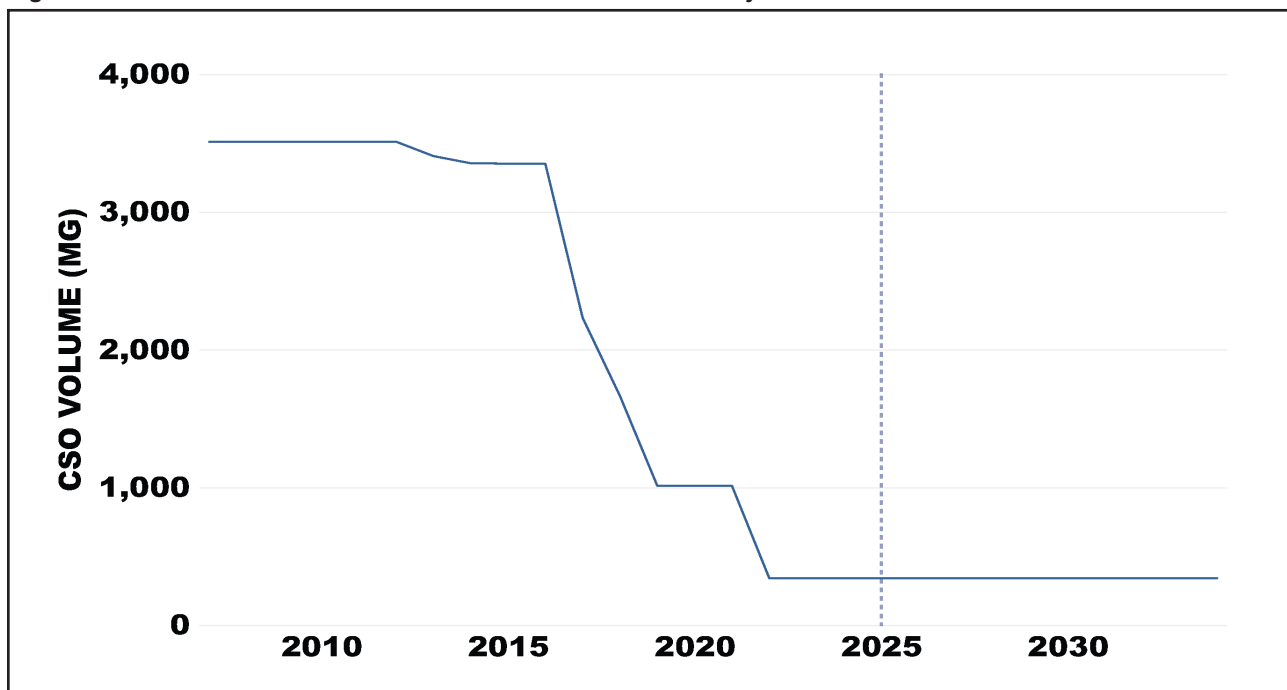
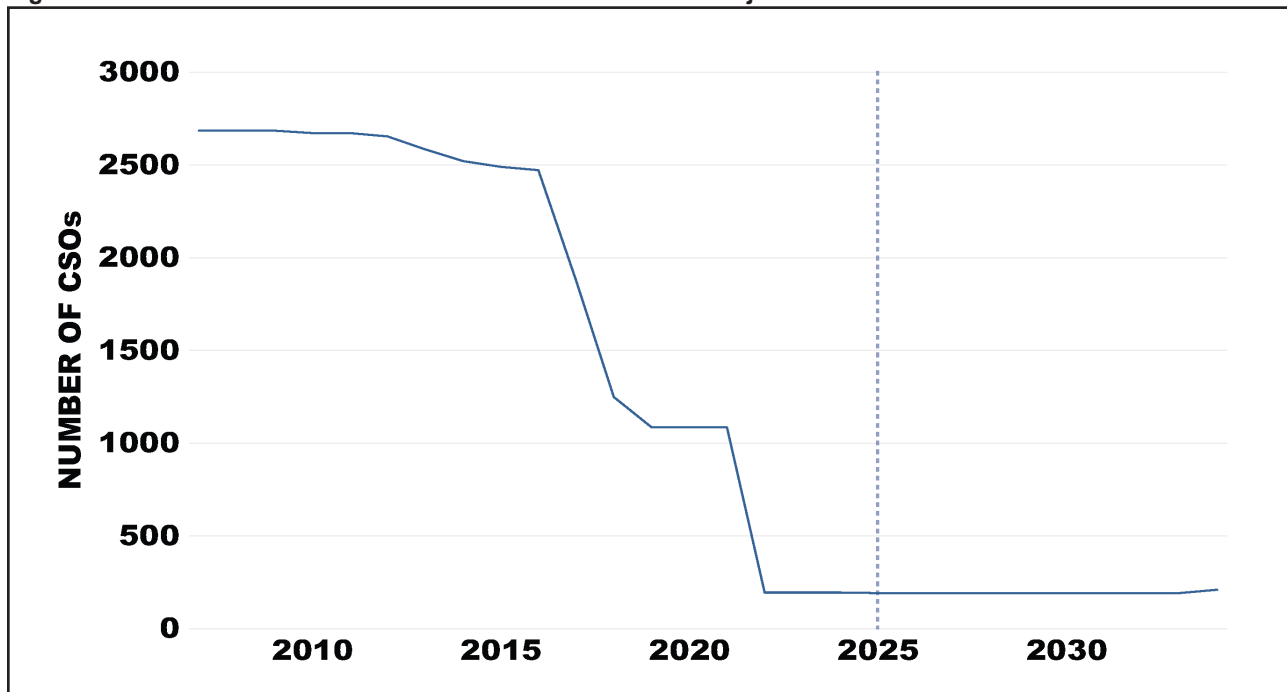


Figure 1.4. Wet Weather CSO Cumulative Reduction Modeled Projection - Occurrences



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.

Eight (8) 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.

On February 16, 2025, there was a failure in the sump pump system at Barbour Lane Pump Station. This caused the dry pit room to flood, making the pumps inoperable. The sump pump system has since been replaced.

On February 18, 2025, the circuit breaker at the Admiral Drive Pump Station failed. MSD was able to repair the issue within six hours, which allowed the pump station to continue to operate until a more permanent fix could be made. There is a long term project to replace this facility, including replacing the electrical system.

Lea Ann Way Pump Station is an identified flooders pump station that can cause flooding for many private properties when there is a lack of capacity at the pump station. On April 5, 2025, conditions necessitated a pumped overflow at this pump station.

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, 2025). 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
2025	55	3.56	166	13.17	192	34.12
2034	0	0	137	4.65	178	21.03

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

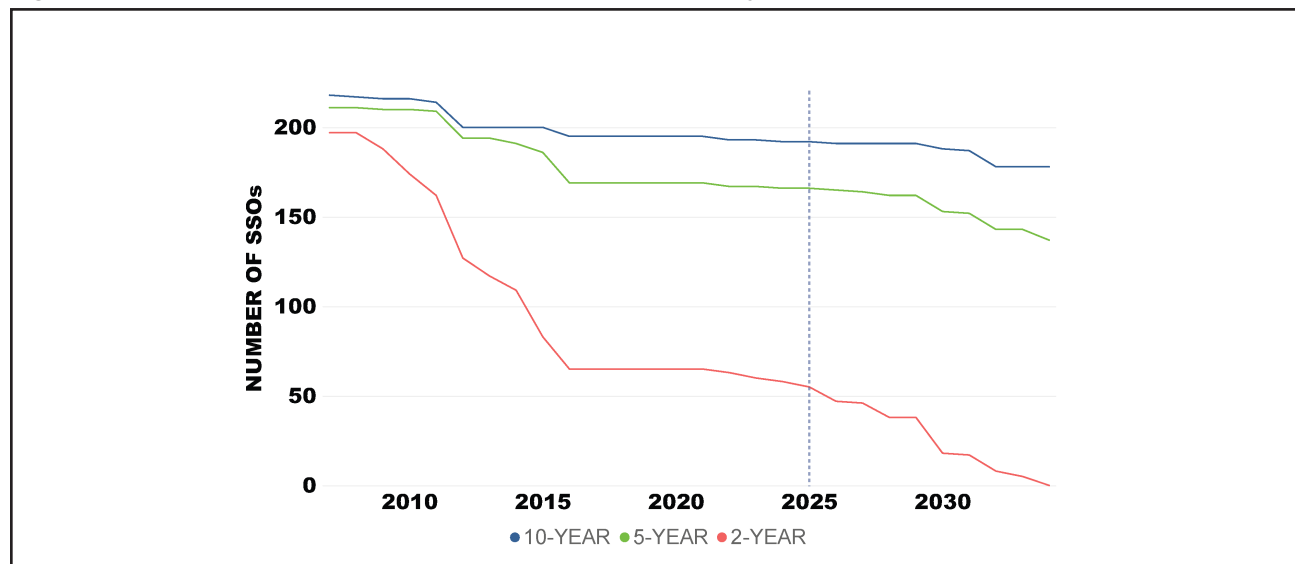
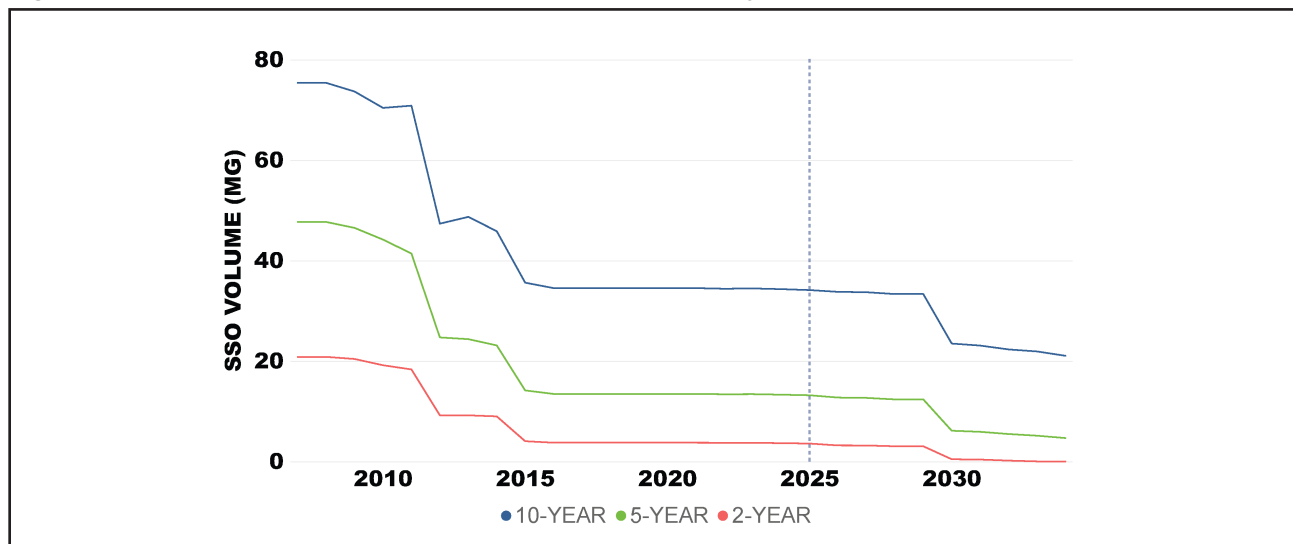


Figure 1.6. Wet Weather SSO Cumulative Reduction Modeled Projection at LOC - Volume



1.4. UNAUTHORIZED DISCHARGES — DRY WEATHER CSOs

Two (2) dry weather CSOs occurred during the reporting period, as reflected in Table 1.5, Table 1.6, and Appendix D. These CSOs were due to a Louisville Water Company (LWC) force main failure, causing flow to directly discharge into the Central Relief Drain, exceed capacity, and overflow. LWC was able to repair the force main.

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

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.

This reporting period, one (1) bypass greater than 50,000 gallons occurred. On September 2, 2024, a LWC water main break caused LWC to turn off water at Morris Forman WQTC. Dechlorination was not able to occur due to the lack of carrier water. The line was repaired, restoring service to the dechlorination building. During this event, effluent received full treatment, except for dechlorination, prior to discharge.

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.

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
FY21	0	69,028,830	0	537,600	0	156,000	0	57,705	0
FY22	0	77,015,338	33,750	300,375	8,950	0	24,612	0	0
FY23	300	48,516,443	261,750	0	32,950	222,000	1,100	1,000	0
FY24	2,250	15,386,167	0	3,000	200	0	35,001	0	0
FY25	601,020	167,758,464	4,668,600	3,010	34,860	1,067,400	0	0	29,997

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
FY21	0	155	0	3	0	1	0	2	0
FY22	0	234	1	5	2	0	5	0	0
FY23	1	177	6	0	5	1	2	1	0
FY24	1	93	0	1	1	0	2	0	0
FY25	2	330	8	2	2	2	0	0	3

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

DUE TO	MECHANICAL FAILURE	OBSTRUCTION-NOT GREASE / ROOTS	POWER OUTAGE (LG&E)	STRUCTURAL FAILURE	UTILITY DAMAGED MSD ASSET
FY21	0	100,000	1,200,000	2,657	25,028
FY22	0	0	0	0	384,658
FY23	0	0	0	0	0
FY24	10,000	1,200	0	0	0
FY25	0	0	0	0	158,200

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

DUE TO	MECHANICAL FAILURE	OBSTRUCTION-NOT GREASE / ROOTS	POWER OUTAGE (LG&E)	STRUCTURAL FAILURE	UTILITY DAMAGED MSD ASSET
FY21	0	1	1	1	2
FY22	0	0	0	0	2
FY23	0	0	0	0	0
FY24	1	1	0	0	0
FY25	0	0	0	0	2

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
FY21	35	200	300	1,895	0	0	12,250	24,000
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

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
FY21	1	1	1	9	0	0	3	1
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

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
FY21	0	0	200	0	0	0
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

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
FY21	0	0	1	0	0	0
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

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.

This reporting period, one (1) dry exterior overflow greater than 50,000 gallons occurred. On December 11, 2024, an MSD contractor discovered a large amount of sludge while excavating the foundation of the old hypochlorite building at Morris Forman WQTC. The contractor was able to vacuum the sludge and pump it back to headworks. The abandoned, ruptured, leaking lines have been demolished. This was a contained overflow that did not reach Waters of the US and did not impact the public.

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
FY21	2	10	5	6	0
FY22	2	6	3	5	1
FY23	1	25	4	7	0
FY24	0	2	5	2	0
FY25	0	53	2	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
FY21	2	17	2
FY22	4	5	12
FY23	4	7	18
FY24	1	9	3
FY25	3	11	3

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

DUE TO	GREASE BLOCKAGE	LACK OF SYSTEM CAPACITY	MECHANICAL FAILURE	OBSTRUCTION-NOT GREASE / ROOTS	ROOTS	STRUCTURAL FAILURE
FY21	0	2	0	4	1	2
FY22	0	1	0	0	1	1
FY23	0	8	2	0	0	0
FY24	0	3	0	0	0	0
FY25	1	33	2	3	2	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	PUMPED OVERFLOW	ROOTS	STRUCTURAL FAILURE	UTILITY DAMAGED MSD ASSET
FY21	1	2	4	15	1	1	4	0
FY22	2	5	12	15	0	6	1	0
FY23	0	5	7	3	0	7	4	2
FY24	1	5	4	14	0	5	7	1
FY25	1	10	6	26	0	10	1	2

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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 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 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 strives 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 Real Time Control 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 current limiting factor for plant capacity is the Sedimentation Basin Rehabilitation Project.

Although 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 system capture of 85% by volume. The project, and reduced plant capacity, has also limited MSD's ability to operate in global automated mode for Real Time Control during this reporting period. The project is expected to be completed during the next reporting period, and is expected to return Morris Forman WQTC to capacity.

As LTCP projects were implemented, wrapping up with the Waterway Protection Tunnel in 2022, facility commissioning has included Real Time Control programming to maximize storage and dewater storage facilities as downstream system capacity allows. Once the Sedimentation Basins are back online, MSD will be able to 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 Real Time Control (RTC) system during rain events in the most efficient manner. For example, Southwestern Parkway Basin was out of service for cleaning during the reporting period from July 22nd through July 26th, 2024, and again March 31st through April 14th, 2024. The initial grit and debris build-up was caused by diverting dry weather flow to the basin during a planned outage at Morris Forman WQTC. Physical and operational improvements already in place are intended to prevent further issues. Integrating these lessons-learned into facility asset management planning, like shorter-duration but more frequent outages will decrease severity of build-up and aid in preventing future issues.

Additionally, solids and floatables 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, as described in Section 3.6, 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 at some CSOs to better understand blinding during rain events. 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. MSD has initiated a solids and floatables efficacy review to begin determining the extent of the issue(s), prioritize areas based on objective concerns, and assess recommended alternatives.

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, limiting 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 a sustained 50 MGD is treated through the HRTBs during the remainder of the wet weather event. After each wet weather event the EQ basin would be drained 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 projects for the Bells Lane WWTF and refining the operational strategies. 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. To minimize overflows, during wet weather events when Bells Lane WWTF goes into service, Northern Ditch pump station (PS) flow is diverted to the Derek R Guthrie WQTC as part of Real Time Control strategy. When the event is over, Northern Ditch Pump Station is then diverted back to SWPS and Morris Forman WQTC. With the Primary Sedimentation Rehab project currently under construction at Morris Forman WQTC, capacity has been reduced as basins are taken offline for rehabilitation. To help maximize treatment at Morris Forman WQTC during the Sedimentation Basin project it was decided in July of 2024 to temporarily divert flow from Northern Ditch to Derek R Guthrie WQTC full time until all basins are back

online. Northern Ditch will revert to normal RTC operations schedule when the Sedimentation Basin project is complete.

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 51 of the 63 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.

No projects were certified as complete during the current reporting period. The Leven PS Elimination project is anticipated to be completed during the upcoming reporting period.

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

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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	
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	
Camp Taylor System Improvements, Phase 4: Offline Storage	12/31/2035	
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.

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.

The Large Diameter Sewer Rehabilitation project was certified as complete on August 12, 2024. The Buechel Trunk Sewer Rehabilitation project was certified as complete on January 24, 2025.

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	\$21.4M¹
<i>Broadway Interceptor Infrastructure Rehabilitation - A19208</i>	<i>June 30, 2021²</i>	<i>\$10.0M</i>	<i>\$24.9M</i>	<i>\$14.9M</i>
<i>Nightingale Rehabilitation - H16074</i>	<i>November 1, 2021²</i>	<i>\$3.0M</i>	<i>\$2.9M</i>	<i>-\$0.1M</i>
<i>Harrods Creek Force Main Repair - A20280</i>	<i>June 30, 2022²</i>	<i>\$8.4M</i>	<i>\$8.8M</i>	<i>\$0.4M</i>
<i>I-64 & Grinstead Infrastructure Rehabilitation - H18503</i>	<i>August 31, 2023²</i>	<i>\$16.0M</i>	<i>\$12.6M</i>	<i>-\$3.4M</i>
<i>Rudd Ave Sewer Infrastructure Rehabilitation - H21019</i>	<i>August 31, 2023²</i>	<i>\$2.3M</i>	<i>\$11.6M</i>	<i>\$9.3M</i>
<i>Prospect Phase II Area Sewers Rehabilitation - H16075</i>	<i>September 11, 2023²</i>	<i>\$3.0M</i>	<i>\$2.0M</i>	<i>-\$1.0M</i>
<i>Buechel Trunk Sewer Rehabilitation - E17053</i>	<i>January 24, 2025²</i>	<i>\$3.0M</i>	<i>\$4.1M</i>	<i>\$1.1M</i>
<i>Large Diameter Sewer Rehabilitation - A20244</i>	<i>August 12, 2024²</i>	<i>\$8.3M</i>	<i>\$7.1M</i>	<i>-\$1.2M</i>
<i>Western Outfall Infrastructure Rehabilitation - H20147</i>	<i>April 18, 2024²</i>	<i>\$16.0M</i>	<i>\$17.4M</i>	<i>\$1.4M</i>
Paddy's Run Pump Station Replacement	December 31, 2027	\$115M	\$239M	\$124M
Morris Forman WQTC Biosolids Facility	December 31, 2030	\$198M	\$315M	\$117M

1 The total overage for the nine critical interceptors is eligible to count towards Asset Management Commitments and will be evaluated upon completion of all projects.

2 Actual certification date for completed project(s)

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 and water quality modeling, and a range of regulatory reporting and trending requirements. Under the IOAP, the primary compliance assessment objectives will be to certify project completion to the selected overflow control level, both for CSOs and SSOs, 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. 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 IOAP 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 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.

2.5.2. PCCM FOR LTCP PROJECTS

Because of the interconnectivity of the combined sewer system, a system-wide methodology is necessary for evaluating PCCM within the combined system. It requires a model-based approach to ensure that the certified projects are effective at capturing for treatment or removing 85% of wet weather flows during the typical year when compared to pre-IOAP conditions. Consistent with the CSO Policy, 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% compliance target. The IOAP projects, when fully implemented, are projected 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 requirement of 85%.

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 additional field verification this coming year to confirm.
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 monitoring is currently underway. No associated assets have discharged since certification.
Idlewood Inline Storage	August 18, 2023	PCCM monitoring is currently underway. No associated assets have discharged since certification.

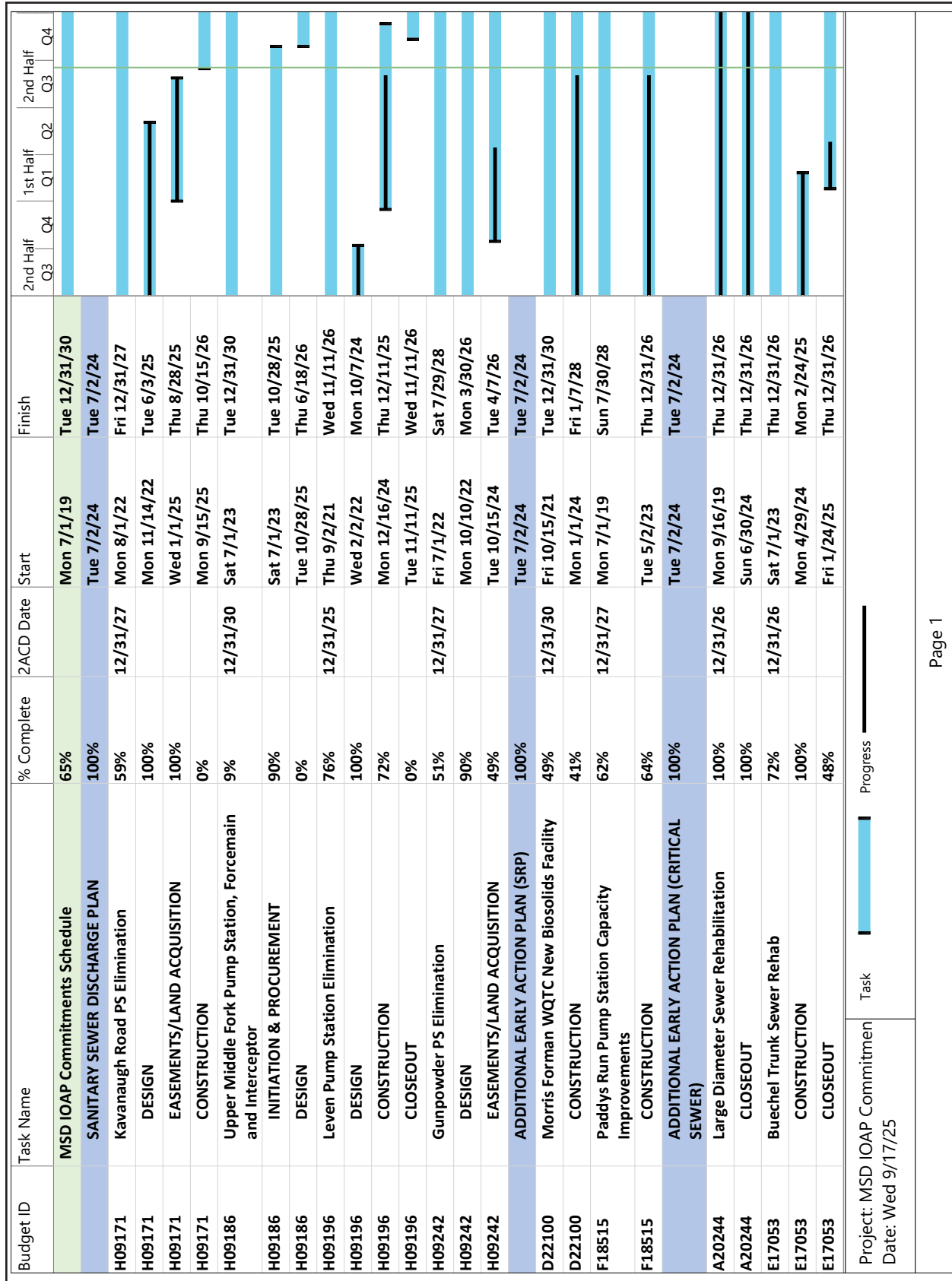
2.5.3. STREAM FLOW AND WATER QUALITY MONITORING

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 as required by the MS4 permit.

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



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	15,449	19,288	124.8%	84.0%
CSO INSPECTIONS	6,139	5,853	95.3%	84.0%
SIPHON INSPECTIONS	592	568	95.9%	84.0%
FLAPGATE INSPECTIONS	988	969	98.1%	84.0%
DEBRIS REMOVAL / REPAIR	465	462	99.4%	100.0%

Table 3.2. Other NMC 1 Activities Completed

ACTIVITY	LINEAR FEET
CLEANING ACTIVITIES	1,739
INSPECTION ACTIVITIES	32,545

- 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 the MSD Operations Division CSO/NMC 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 CSO 108.

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.
- 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.

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

RTC METHOD	VOLUME (MG)
Waterway Protection Tunnel	572.50
LTCP CSO Basin Storage	800.80
Inline Storage	1,266.85
Storm Basin Storage	468.15
Diversion to Treatment	9,148.53
Total	12,256.83

FY25 Reporting Period

- Replaced the RTC servers running Csoft to ensure a better reliability of the system and improve performance.
- Began the transition to new SCADA system servers to ensure a better reliability of the system and improve performance.
- Modernized various networking and IT equipment.
- Began the procurement process to replace an existing SWOR2 inflatable dam that is showing signs of wear.
- Completed updates to the master programming, modules guide, and the Master RTC Standard Operating Procedures (SOP) manual to include modifications throughout the network, namely at the Southwestern Sluice Gates (SWOR1), Sneads Branch Facility, and other various improvements.
- Continued review and development of a draft RTC flood mode for facilities along the Ohio River influenced by high river levels to ensure safe operations under RTC control during these conditions and reduce the need for manual operation of the storage basins. The flood mode has been included in the Master SOP.
- Improved computation of Key Performance Indicators (KPIs) for the RTC system using the HydroWeb dashboard.

FY26 Reporting Period

- Finalize the transition to new SCADA system servers and upgrade various networking and IT equipment.
- Continue work towards replacing an existing SWOR2 inflatable dam that is showing signs of wear.

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.

FY25 Reporting Period

- Finalized the integration of the Rowan Pump Station into RTC and monitored to complete tuning of the control loops and control logics.
- Designed and implemented improvements to the bar screen rake control system of the Portland Basin diversion structure.
- Completed the Sneads Branch Pump Station Elimination Project to allow gravity dewatering to the Logan CSO Basin. The existing dewatering pump station at Sneads Branch was difficult to maintain and occasionally failed to dewater the retention in a timely manner. Local facility automation was programmed to ensure optimal dewatering through the new gate.
- Completed the integration of the Sneads Branch dewatering gate into the new RTC system and monitored to complete tuning of the control loops and control logics.
- Replaced a flow sensor in the Ohio River Interceptor, near the Rowan Pumping Station, with a level sensor. The flow sensor was difficult to maintain as it was frequently submerged, and debris caused unreliable measurements. Modified the local facility control loops accordingly and updated Csoft to account for the modification.
- Completed modifications to gate controllers at the Southwestern Parkway CSO Basin for Gates 3&7 to use the improved FUG calculation. Updated Csoft configuration to account for those changes.
- Completed the installation of new gates at the SWOR1 facility to improve operational reliability and controls at the facility.
- Programmed a new gate controller at the SWOR1 facility to improve level control performance.

FY26 Reporting Period

- Monitor to complete tuning of 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.
- Monitor effectiveness of improvements to the bar screen rake system of the Portland Basin diversion structure.
- Explore opportunities to increase usage of existing retention capacity in the Nightingale Pump Station Basin to reduce global CSO volume without negative impacts.

3.3. NMC 3: REVIEW AND MODIFICATION OF PRETREATMENT REQUIREMENTS

Recurring Programmatic Activities

- Completed FY25 NMC 3 Trunk Sewer Water Quality Data Collection in September 2024.
 - Finalized pollutants of concern (POCs) and trunkline sewer data (contributory to CSOs) for FY25 Dry Weather Sampling Result Report.
 - Reviewed and evaluated FY25 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 FY26.
 - 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 FY25	7	65	11,425,456	79,701	62,010

- 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 53 measurable rain events and 70 events with only trace rainfall.
 - MSD sent email notices to NDDs 29 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 13 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 FY25. The UDRs included 5 locations in the CSS and 11 locations in the SSS, of which 5 locations in the SSS ultimately discharge to Morris Forman WQTC. To avoid the risk of an overflow occurring, UDR permits contain standard condi-

tion 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 one permit 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 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 zero 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

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

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

- 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. Morris Forman WQTC compliance from FY21 through the current reporting period is included in Table 3.5. Permit compliance details for Morris Forman WQTC for the current reporting period are shown in Table 3.6, where a "©" indicates compliance and an "X" indicates noncompliance. MSD is utilizing Rotary Drum Dryers at Mor-

ris 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. This project will improve control of flow through primary treatment to improve Total Suspended Solids (TSS) and BOD removal.
- Thermal Hydrolysis Process (THP) has started. This will update MSD biosolids processing, minimizing the need to landfill solids, producing a Class A biosolid.
- Design is complete 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 82 days during the reporting period.

Figure 3.1. CSO Locations Relative to Morris Forman WQTC



Table 3.5. Morris Forman WQTC Permit Compliance

FY	EXCEEDANCES	MONTHS COMPLIANT
FY21	60	1
FY22	77	0
FY23	88	0
FY24	92	0
FY25	81	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; however, CY2025 (through June 30) shows an increase in base flow compared to CY2020. 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.

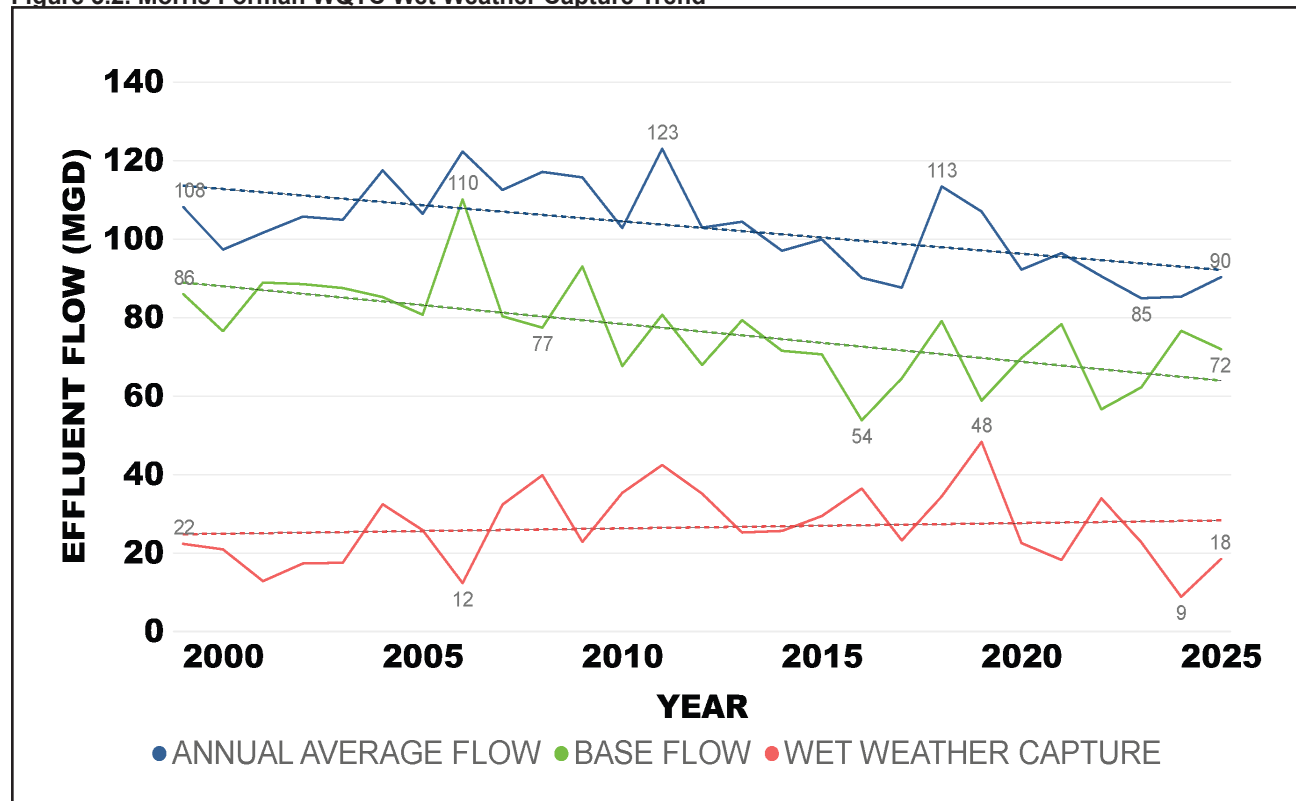
This WQTC has experienced failures of major equipment or components resulting in a decrease in peak wet weather capacity over portions of the past several years. Although the instantaneous peak hydraulic capacity of the Morris Forman WQTC is 350 MGD, the sustained flow that can be treated on a daily 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

Table 3.6. 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	x	x	x	☉
BOD, 7 Day Secondary Effluent	x	x	x	x	x	x	x	x	x	x	x	x
BOD, Percent Removal	x	x	x	x	x	x	x	x	x	x	x	☉
Chlorine, Residual	☉	☉	☉	☉	☉	☉	☉	x	☉	☉	☉	☉
Dissolved Oxygen	☉	☉	☉	☉	x	☉	☉	☉	☉	☉	☉	☉
Fecal Coliform, 30 Day Geomean	x	x	x	x	☉	☉	☉	x	☉	☉	☉	☉
Fecal Coliform, 7 Day Geomean	x	x	x	x	☉	☉	☉	☉	☉	☉	☉	☉
pH	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
TSS, 30 Day Secondary Effluent	x	x	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	x
TSS, Percent Removal	x	x	x	x	x	x	x	x	x	x	x	x

restore the peak capacity and improve reliability. The most significant impact to peak flow is the ongoing Sedimentation Basin Rehabilitation Project which currently has two of the four Sedimentation Basins out of service. 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 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 States (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	15,941.7
Morris Forman WQTC Headworks	1,819.9

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 IPS.
- 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 summer works 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.

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- Completed updates to the EPSC Plan Review Training and converted the course to an online format. This certification is available for all plan preparers but is required for EPSC plan preparers who are not licensed professional engineers. The certification is also required for MSD Engineering Technicians, Associate Engineers, and Engineer Is.

FY26 Reporting Period

- Develop online training modules for EPSC and SWPPP topics that will be used by 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

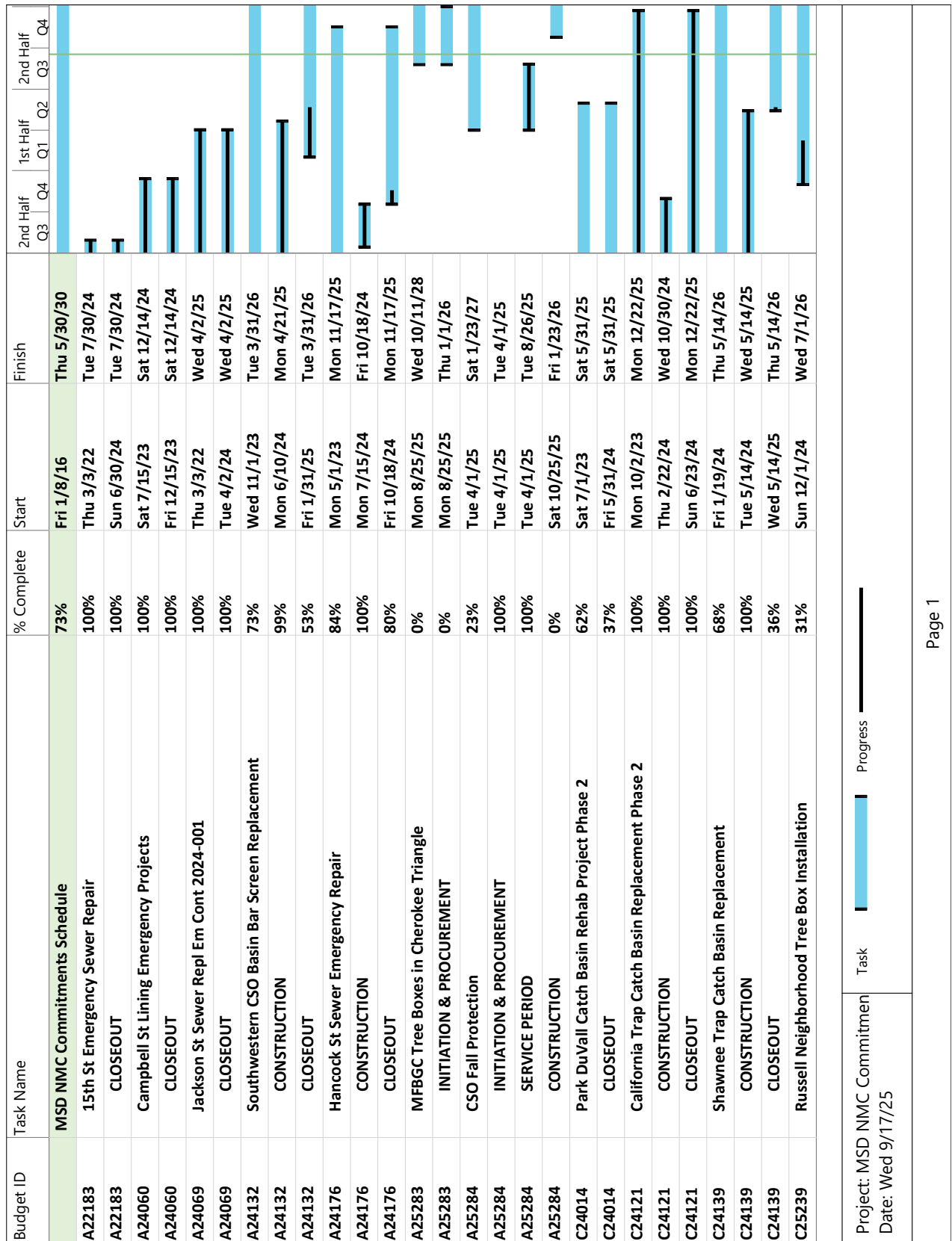


Figure 3.3. NMC Activity Schedule

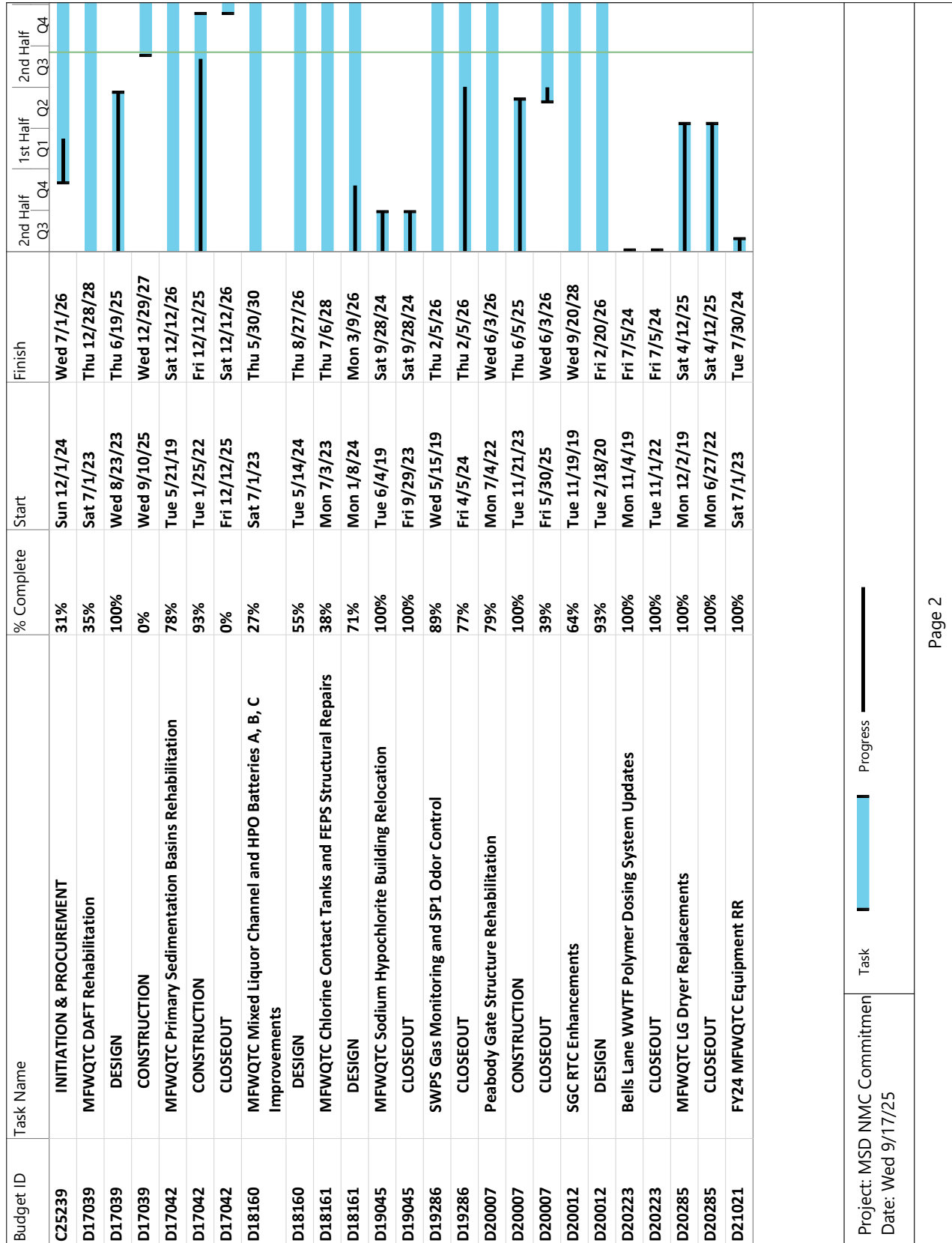


Figure 3.3. NMC Activity Schedule

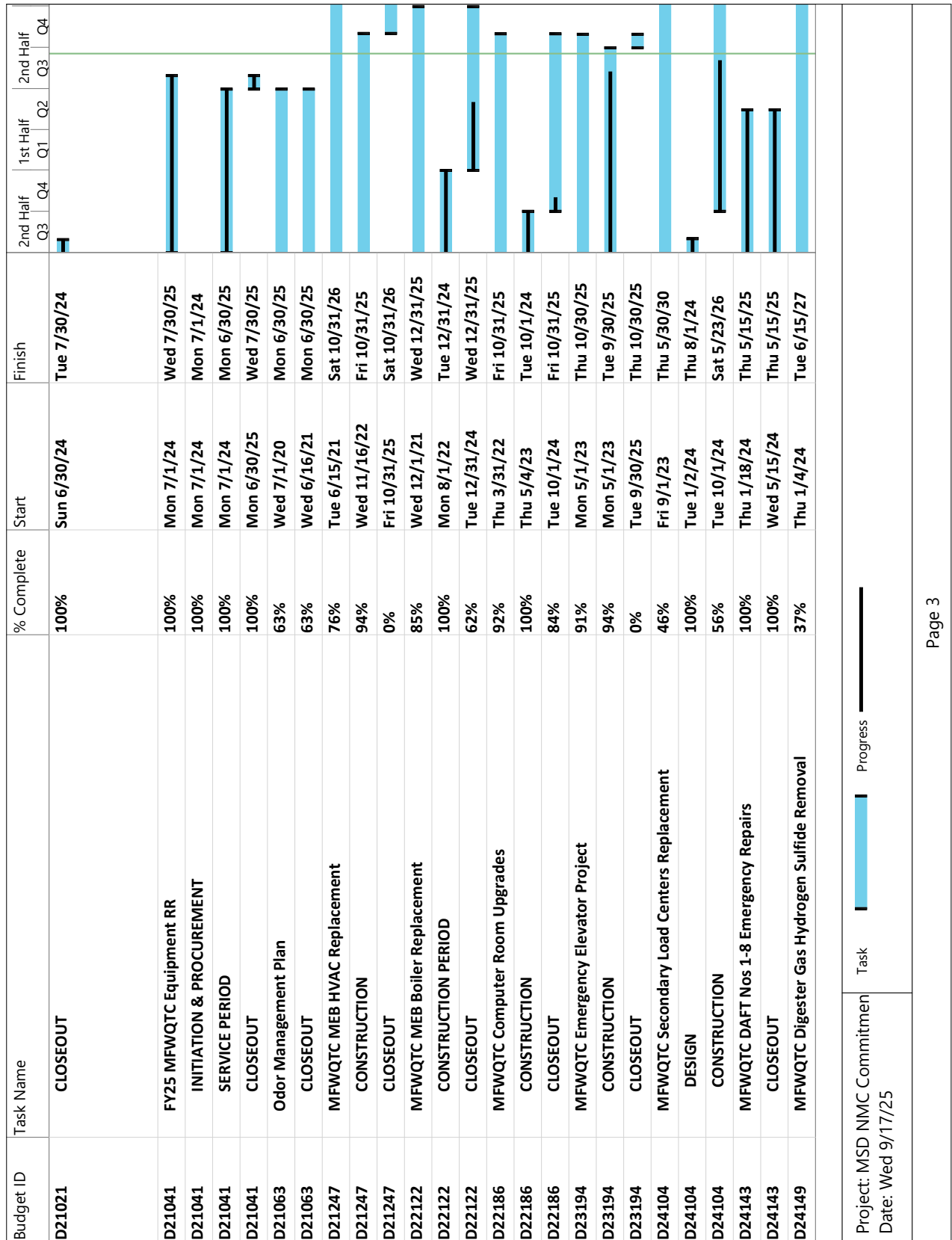


Figure 3.3. NMC Activity Schedule

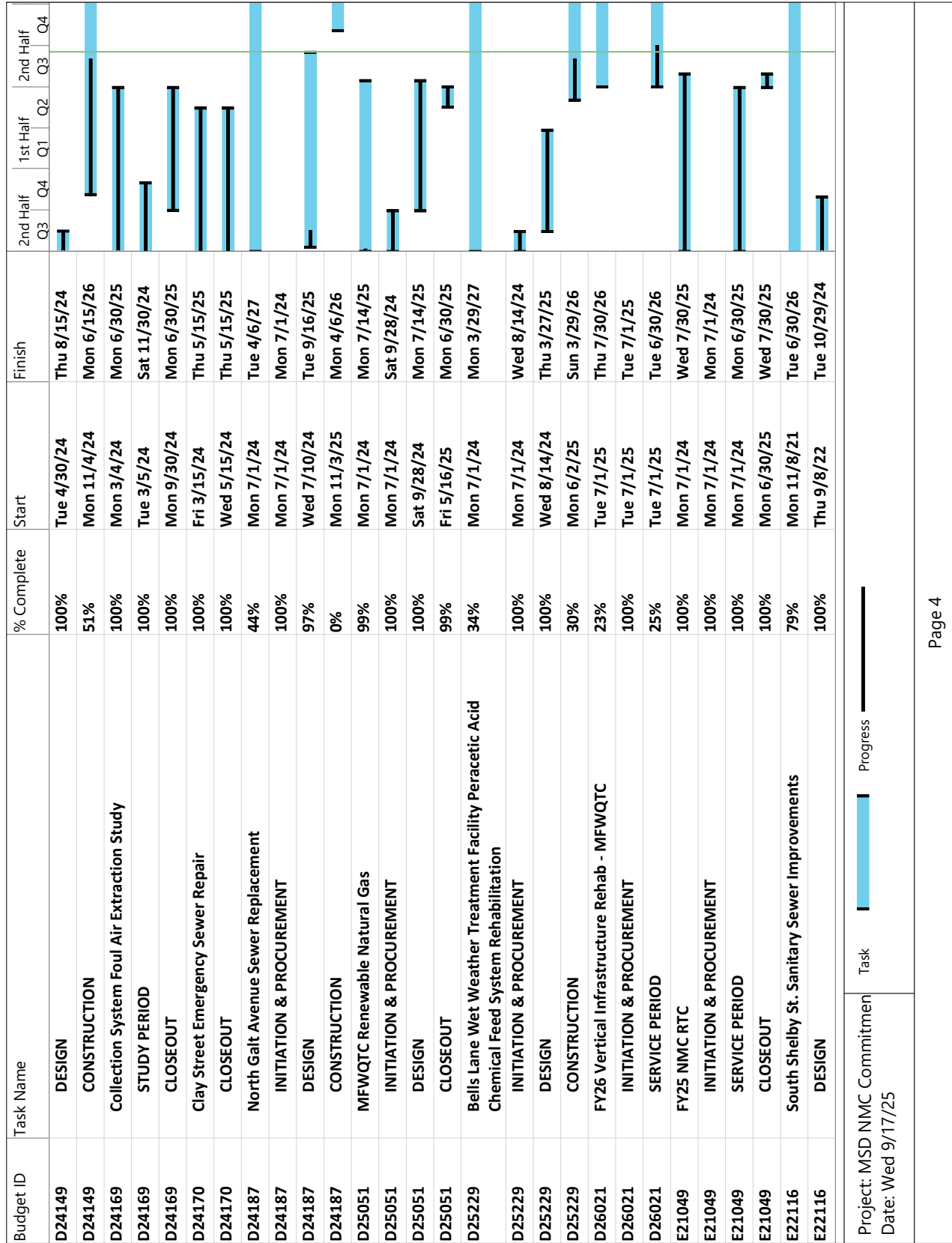


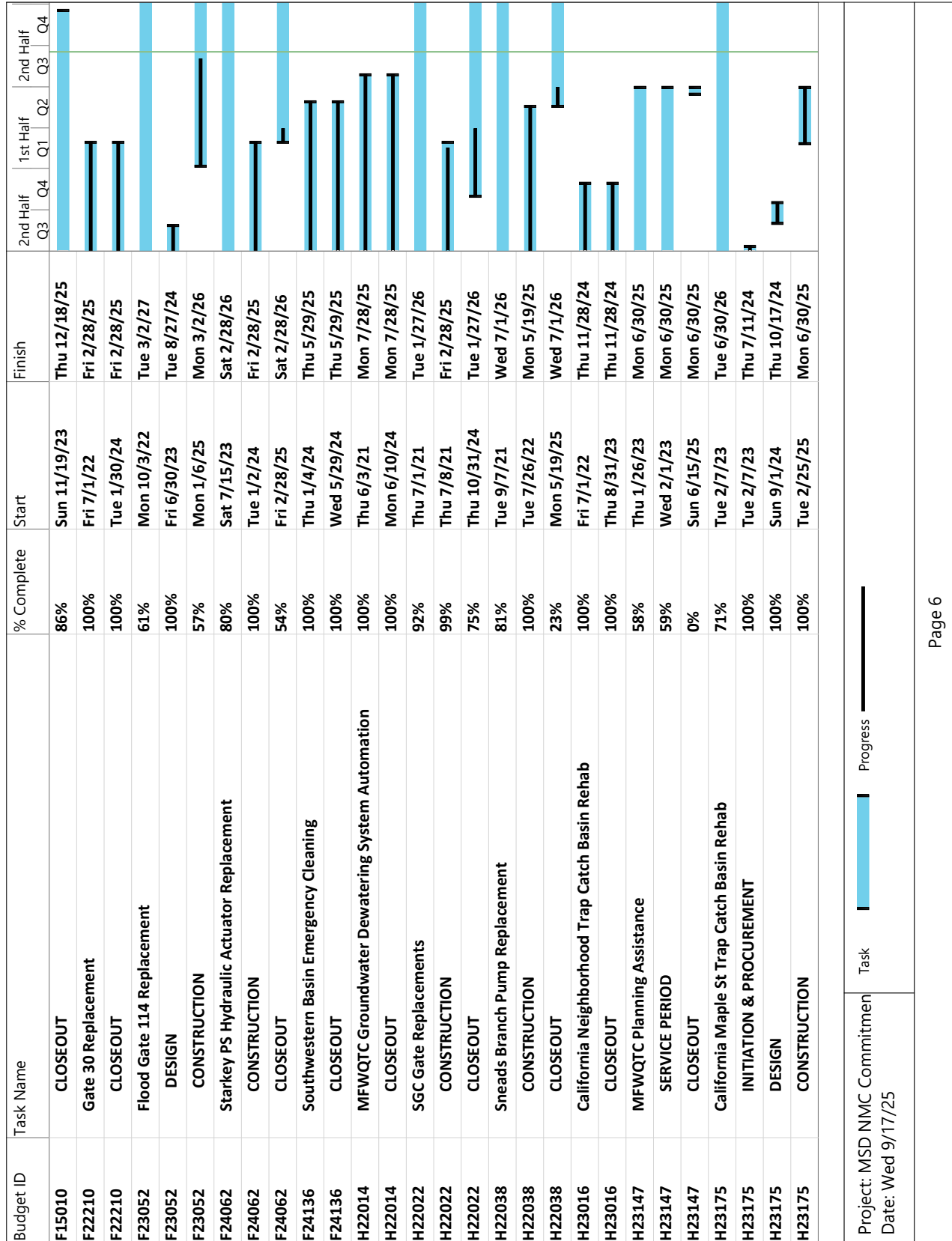
Figure 3.3. NMC Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish	2nd Half				1st Half			
					Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
E22116	CONSTRUCTION	100%	Mon 1/6/25	Fri 5/9/25								
E22116	CLOSEOUT	19%	Fri 5/9/25	Tue 6/30/26								
E23172	Liberty Street Emergency Sewer Repair	100%	Thu 1/26/23	Sat 9/14/24								
E23172	CLOSEOUT	100%	Fri 9/15/23	Sat 9/14/24								
E24066	Taylor Boulevard RTC Vault Decommissioning	100%	Mon 7/31/23	Wed 8/28/24								
E24066	CLOSEOUT	100%	Tue 8/29/23	Wed 8/28/24								
E24190	Brown School Sewer Repair	100%	Mon 6/3/24	Sun 8/3/25								
E24190	CONSTRUCTION	100%	Tue 6/4/24	Sat 8/3/24								
E24190	CLOSEOUT	100%	Sat 8/3/24	Sun 8/3/25								
E25065	Inflatable Dam Replacement - SWOR2, MDS, Sneads Branch	17%	Mon 7/1/24	Sun 5/16/27								
E25065	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Sat 9/28/24								
E25065	DESIGN	33%	Sun 6/1/25	Sun 12/14/25								
E25065	CONSTRUCTION	0%	Thu 10/30/25	Sat 5/16/26								
E25116	Belle of Louisville Force Main Replacement	74%	Mon 7/1/24	Fri 12/19/25								
E25116	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 8/5/24								
E25116	DESIGN	100%	Mon 8/5/24	Tue 8/20/24								
E25116	CONSTRUCTION	100%	Thu 11/14/24	Thu 12/19/24								
E25116	CLOSEOUT	70%	Thu 12/19/24	Fri 12/19/25								
E25225	Limerick Green Infrastructure & Sewer Separation	14%	Tue 4/1/25	Tue 6/1/27								
E25225	INITIATION & PROCUREMENT	100%	Tue 4/1/25	Tue 4/1/25								
E25225	DESIGN	65%	Tue 4/1/25	Mon 10/13/25								
E25240	SED2 Sluice Gate 3 Replacement	32%	Fri 11/1/24	Thu 12/31/26								
E25240	INITIATION & PROCUREMENT	100%	Fri 11/1/24	Fri 11/1/24								
E25240	DESIGN	100%	Sun 12/1/24	Sat 5/3/25								
E25240	CONSTRUCTION	44%	Thu 5/8/25	Mon 12/1/25								
E25240	CLOSEOUT	0%	Mon 12/1/25	Thu 12/31/26								
F15010	Gate 102 Replacement	94%	Fri 1/8/16	Thu 12/18/25								

Project: MSD NMC Commitmen
Date: Wed 9/17/25

Task
Progress

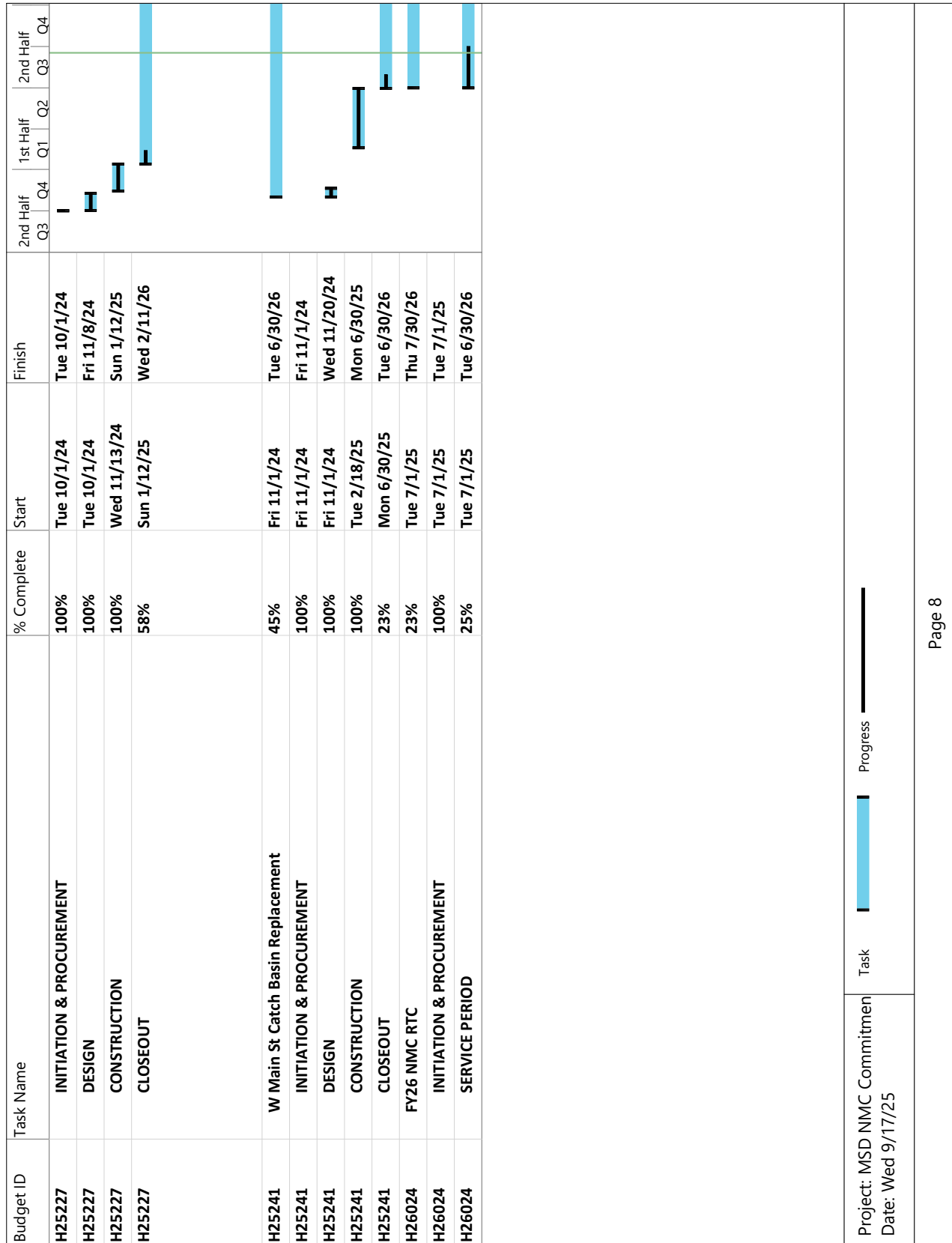
Figure 3.3. NMC Activity Schedule



Budget ID	Task Name	% Complete	Start	Finish	2nd Half		1st Half		2nd Half	
					Q3	Q4	Q1	Q2	Q3	Q4
H23175	CLOSEOUT	27%	Mon 6/30/25	Tue 6/30/26						
H23179	CSO 140 Outfall Reconstruction	99%	Wed 3/1/23	Fri 7/25/25						
H23179	CONSTRUCTION	100%	Mon 12/11/23	Fri 8/16/24						
H23179	CLOSEOUT	99%	Sat 6/8/24	Fri 7/25/25						
H24120	Rowan Pump Station – Air Scour System	73%	Mon 10/2/23	Wed 3/18/26						
H24120	CONSTRUCTION	100%	Mon 1/15/24	Tue 3/4/25						
H24120	CLOSEOUT	45%	Tue 3/18/25	Wed 3/18/26						
H25031	Neighborhood Odor Control Catch Basin Inspections	99%	Mon 7/1/24	Mon 6/30/25						
H25031	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24						
H25031	SERVICE PERIOD	99%	Mon 7/1/24	Sat 5/31/25						
H25031	CLOSEOUT	99%	Sat 5/31/25	Mon 6/30/25						
H25032	Chickasaw Trap Catch Basin Rehab	4%	Mon 7/1/24	Fri 10/1/27						
H25032	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24						
H25032	DESIGN	0%	Thu 7/3/25	Sat 8/2/25						
H25032	CONSTRUCTION	8%	Wed 10/1/25	Thu 10/1/26						
H25039	ORFM Technology Study	100%	Mon 7/1/24	Mon 6/30/25						
H25039	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Sat 9/28/24						
H25039	DESIGN (Study Phase)	100%	Sat 9/28/24	Fri 5/30/25						
H25039	CLOSEOUT	100%	Fri 5/30/25	Mon 6/30/25						
H25053	Bells Lane Odor Mitigation - EQ and HRT	32%	Mon 7/1/24	Mon 7/5/27						
H25053	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 8/19/24						
H25053	DESIGN	100%	Tue 8/13/24	Tue 8/26/25						
H25053	CONSTRUCTION	0%	Wed 10/8/25	Sun 7/5/26						
H25059	Taylor-Berry Catch Basin Replacement	52%	Mon 7/1/24	Sun 7/5/26						
H25059	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Fri 11/1/24						
H25059	CONSTRUCTION	100%	Mon 1/6/25	Sat 7/5/25						
H25059	CLOSEOUT	25%	Sat 7/5/25	Sun 7/5/26						
H25227	E. Market St Catch Basin Replacement	67%	Tue 10/1/24	Wed 2/11/26						

Project: MSD NMC Commitmen Date: Wed 9/17/25

Figure 3.3. NMC Activity Schedule



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 is currently underway. 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 864 approved positions at the beginning of the reporting period and 882 approved positions at the end of the reporting period. This is an increase of 18 positions.
- Carried 111 vacant positions at the beginning of the reporting period and 82 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 Infor Public Sector (IPS).
- 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 treatment 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	1,196	794
Collections System	1,163	1,280
Equipment	436	1,596
Reporting	386	386
Safety	1,177	1,395
Wastewater Operations	191	238

- 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.

FY25 Reporting Period

- Developed and launched eLearning modules related to open records and the Vehicle Accident Review Committee (VARC) policy.
- Expanded the electrician apprenticeship program to include an additional class.
- Redesigned the Commercial Driver's License (CDL) program to reflect the newly incorporated Kentucky Standards.

FY26 Reporting Period

- Establish Cybersecurity eLearning modules for external learners.
- Develop eLearning modules for Procurement Policy, eSignature Policy, Industrial Waste Department (IWD) Spill Response, Drum Dryer Standard Operating Procedure (SOP) Training, and the Human Resources Flood Procedures update.
- Maintain the CDL program.

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 perform inspections, review policies and incidents, and address safety concerns presented by safety committee members as needed. Safety Committees include representatives from across the Operations Division, including the Treatment, Collections System, and Drainage and Flood Protection departments. The Floodwall/Collections and Treatment Safety Committee meetings are scheduled monthly and the CMF/Main Office Safety Committee meetings are scheduled quarterly.
- Performed random job site inspections on Drainage/Sanitary crews and at Morris Forman WQTC. Inspected quarterly the operations of WQTCs and flood & viaduct pump stations.

FY25 Reporting Period

- Explored options for growing safety committee participation in operations. Communicated to employees and management the need for engagement in the Treatment safety committees.
- Updated the monthly inspection checklist for safety committees and incorporated the checklist into Preventative Maintenance (PM).
- Implemented PM updates for eye wash stations and safety showers.

FY26 Reporting Period

- Explore options for growing safety committee participation in operations.

M-C-2 Confined Space Entry

Recurring Programmatic Activities

- 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 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 for the six calibration stations.
 - 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, wenchers, and harnesses.

FY25 Reporting Period

- Performed district wide inspections on confined space equipment to ensure all equipment is being documented and inspected properly.
- Updated confined space training to focus on the use of MX4 multi-gas monitors.

FY26 Reporting Period

- Perform inspections on the needs of confined space equipment and fall protection at physical sites.
- Develop a plan to address safety concerns and needs for confined space entries at inspected locations.

M-C-3 General Safety Procedures

Recurring Programmatic Activities

- Maintained safety procedures.
- Conducted annual Emergency Response Team (ERT) fire drills and tornado drills for employees at the Main Office, CMF and Morris Forman WQTC.
- 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.

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
- Conducted random traffic control audits of job sites in streets and roadways.

FY25 Reporting Period

- Purchased and implemented new traffic control equipment and signage to help with visibility when performing traffic control.
- Implemented additional trainings related to the new traffic control equipment and signage for employees who conduct traffic control.

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. The SOPs are available to staff through IPS and eB for improved accessibility.

FY26 Reporting Period

- Finalize updates to LOTO procedures. Train staff on changes to the procedures and make the final documents available.

M-C-6 Safety Equipment

Recurring Programmatic Activities

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

FY25 Reporting Period

- Recommended the purchase of new Self-Contained Breathing Apparatus (SCBA) equipment due to life expectancy of old equipment.
- Implemented new cut resistant gloves to prevent injuries to employees based on injury data

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 mandatory annual training for union employees on trench excavation safety, confined space, first aid, hazmat response and fire extinguisher usage.

Table 4.2. Safety Incidents and Worker Compensation Claims

PERFORMANCE MEASURE	RESULT
Days Worked (8 Hours)	167,854
Safety Incidents	85
Incidents per Days Worked	0.0005
Worker Comp Claims	40
Worker Comp Claims per Days Worked	0.0002
Days Off due to Work-Related Issues	764
Days Off due to Work-Related Issues per Days Worked	0.0046

- Maintained field inspections as discussed under M-C-1 Safety Committee to reduce the number of incidents.
- Improved compliance with NFPA 70E and the GHS standard as discussed under M-C-3 General Safety Procedures.
- 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

- Improve the injury tracker to show trends of how injuries occur.

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 IPS.
- Maintained PowerBI dashboards, including performance metrics dashboards, for use across the organization.
- Developed and implemented new workflow and workflow automation in IPS based on asset management program recommendations.

FY25 Reporting Period

- Upgraded eB/ALIM, which is MSD's document and records management system.
- Deployed Profit Center Account and Document Splitting in SAP to improve cost center reporting, with input from the Finance department.
- Migrated capital budget management and tracking system from on-premise to a cloud-based solution.
- Automated the capital program available funds report to improve the speed and accuracy of the report.
- Create an interface to update/sync Active Directory with MSD employees and contractors' information.
- Continued expansion of IPS Field Inspector Mobile within Operations.
- Completed development of a condition assessment asset inspection in IPS.
- Streamlined IPS interface that maintains employee information, which reduced the time to process and resolve interface error logs.
- Executed support contract for Infor Managed Services to assist in implementing new functionality and automation, as well as routine system maintenance such as database refreshes and application testing.

FY26 Reporting Period

- Evaluate the interfaces between IPS and SAP to determine the effort to modernize and prepare for future IPS projects.
- Deploy a web application to accept customer feedback on service and provide analytics on the data provided.
- Begin installation of SAP Analytics Cloud (SAC). SAC will eventually be the new system for financial dashboards, KPIs, financial planning, and financial reporting.

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
IPS
LabWorks
LINKO
Optimatics
PowerBI
SAP
SCADA
Sharepoint
Telog

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 IPS database. Map corrections are also obtained during asset inspection activities.

Recurring Programmatic Activities

- Scanned 372 proposed and as-built construction plan sets 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 4,931 property service connection records and 11.26 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.

FY25 Reporting Period

- Started Phase II of the revisions to the MSD Design Manual, Standard Specifications, and Drawings.

FY26 Reporting Period

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

FY25 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.

FY26 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.

FY25 Reporting Period

- Financed capital expenditures of \$292,195,980.
- Committed professional services funds of \$34,985,662.43.
- Committed construction funds of \$100,504,148.33.

FY26 Reporting Period

- Budget for capital expenditures up to \$321,221,000.

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 referral for CCTV inspection.
- Completed cleaning and inspection in the SSS as scheduled in IPS, as shown in Table 4.4.

Table 4.4. Continuing Sewer System Assessment Activities

ACTIVITY		LINEAR FEET
CHEMICAL ROOT CONTROL		134,176
CLEANING ACTIVITIES		56,728
INSPECTION ACTIVITIES		3,344,777

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 IPS 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.
- Maintained credit calculation protocols and tracking in IPS.
- 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.
- Maintained a voluntary Plumbing Modification Program (PMP) for customers who have experienced wet-weather backups. This program installs backflow prevention devices and disconnects any sump pump, downspout, or floor drain connections from the sewer system. This reporting period, provided 88 backflow prevention devices.

FY25 Reporting Period

- Continued credit projects to address the negative balance identified in Floyds Fork sewershed.
- Monitored credit balances and created credit projects as needed.
- Established a Private Property Illicit Discharge Program (PPIDP) to address illicit connections from private property, such as sump pumps connected to the separate sewer system. Inspected 34 potential illicit connections and 2 illicit connections were verified and disconnected from the system.

FY26 Reporting Period

- Continue monitoring credit balances and creating credit projects as needed.
- Maintain the PPIDP program.

Table 4.5. SCAP Wastewater Capacity Request Reviews

RESULT	REVIEWS	FLOW (GAL/DAY)
CONDITIONALLY APPROVED	403	9,530,487
APPROVED	50	3,325
DENIED	5	155,200

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

FY25 Reporting Period

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

FY26 Reporting Period

- Set the operating budget at \$221,486,067 and the capital budget at \$321,221,000.

Table 4.6. Financing and Cost Analysis Program Performance

PERFORMANCE MEASURE	BUDGET	ACTUAL
Operating Revenue Growth	7.00%	16.00%
Operating Revenue	\$432,546,000	\$469,142,241
Wastewater / Stormwater Revenue	\$424,388,000	\$461,714,294
Investment Income	\$18,451,000	\$24,249,422
Senior Debt Service Coverage Ratio	200.00%	214.00%
Total Operating Expenses	\$199,439,132	\$193,752,336
Total Capital Expenses	\$298,831,000	\$292,195,980

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.

FY25 Reporting Period

- Evaluated the development of an organizational program to track all MSD tools and equipment across all departments and facilities.
- Continued development of a capital spare parts process with MSD Engineering and Operations Divisions.

FY26 Reporting Period

- Create a serialized program in SAP to track and monitor equipment and tools.

M-H-3 Vehicle Repair

MSD's vehicle repair maintenance program addresses over 936 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.

Table 4.7. Mission Critical Equipment and Fleet Performance Measures

PERFORMANCE MEASURE	GOAL	RESULT
MCE Availability	80.0%	91.2%
Fleet Availability	95.0%	96.8%

-
- Analyzed capital purchasing needs, including the evaluation of MCE for replacement.

FY25 Reporting Period

- Evaluated all MCE for replacement with the following actions to be taken:
 - Heavy Duty Vacuum Sewer / Catch Basin Cleaner Truck: Upon competitive bid and contract award, ordered and placed in service one new unit to replace aging equipment and improve availability. Coordinate operator and fleet technician training upon receipt.
- Scheduled and completed Phase II of factory training on Cummins engines for technicians.

FY26 Reporting Period

- Evaluate all MCE for replacement with the following actions to be taken:
 - Tele-Inspection Vehicles: Upon competitive bid and contract award, order and place in service two new units to replace aging equipment and improve availability. Will coordinate operator and fleet technician training upon receipt.
- Schedule Phase I of factory training on Cummins engines for 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.

FY25 Reporting Period

- Evaluated and proposed security measures such as cameras, monitors, etc. at warehouse locations to ensure resources are properly accounted for.
- Implemented and extended the barcode program to include barcodes on badges.
- Completed Phase I of the Radio Frequency Identification (RFID) pilot program, which includes full inventory of capital spares and installation of RFID hardware at the Morris Forman Oxygen Generation Area (OGA) building.
- Explored utilization of IPS for cradle-to-grave tracking of repairs, usage, and refurbished and capital assets that belong to major fixed assets.
- Created an Obsolete Parts Procedure to monitor, document, and track usage of unused or discontinued parts for proper disposal aligned with the Asset Disposal Procedures.
- Created a Refurbished Parts Procedure to track refurbished goods for repair, usage, and on-hand needs.
- Created a Critical Parts Procedure to identify and maintain critical assets needed for operational sustainment.

FY26 Reporting Period

- Complete 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.
- Complete Phase II of the RFID pilot program, which includes exploring software programs to interface with SAP for monitoring, tracking, and uploading Capital Spares into S4 per Winshuttle, and exporting data reports to test programming.
- Explore S4 for cradle-to-grave tracking of repairs, usage, and refurbished and capital assets that belong to major fixed assets.
- Update 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.
- Create a Refurbished Parts Work Instruction to track refurbished goods for repair, usage, and on-hand needs.

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 521 Project WIN and Plumbing Modification Program packets of information or applications.
- Maintained usage of a customer service portal for customers to submit service requests online, eservice.louisvillemsd.org. This reporting period, received 194 chats from customers.
- Maintained usage of a multi-language call line and received 173 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 7,936 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 FY25 was 3,270 and 3,191 respectively.

Table 4.8. Customer Service Call Data

PERFORMANCE MEASURE	GOAL	RESULT
Calls Received		39,239
Calls Abandoned*		944
Abandoned Call Rate	5%	2%

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 tributary streams and for emergency spill responses, including the following activities:

- Maintained ambient monitoring at Long Term Monitoring Network (LTMN) locations across Jefferson County to monitor multiple physical and biological indicator parameters in accordance with the MS4 permit.
 - 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 over the course of the MS4 permit term for three storm events 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 water quality 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 response 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.

FY25 Reporting Period

- Continued planning efforts to add redundant communication paths to provide improved network resiliency for key sites.
- Continued the development of a Catastrophic Urban Flood Plan (CUFP) in conjunction with the Department of Homeland Security, US Army Corps of Engineers, Kentucky Emergency Management, Louisville Emergency Management Agency and other partners.

FY26 Reporting Period

- Finalize the CUFP after receiving appropriate approvals.
- Submit disaster reimbursement for flooding events in February and April of 2025.
- Document the Operations Fuel Use and Storage Plan, which documents and provides long-term planning for the use of outside fuel energy resources.
- Plan and implement a Disaster Reimbursement Workflow.
- Collaborate 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 towards adding redundant communication paths for key sites.

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.

FY25 Reporting Period

- Replaced 23 sanitary pumps in the collections system. Repaired or rehabilitated an additional 45 pumps throughout the collections system.
- Completed Winton PS rehabilitation, including installation of new pumps, check valves, guide rails, isolation valves, electrical service rack, and pump control panel.
- Completed station upgrades at Chamberlain Lane PS, including installation of new pumps, pump bases, guide rails, and reduced voltage soft start upgrade.
- Completed Newburg Road PS rehabilitation, including installation of new pumps, bases, and related equipment.
- Replaced pumps and bases at Riverfront PS.
- Completed Treeline PS rehabilitation, including installation of a new generator, Automatic Transfer Switch (ATS), electrical service rack, and pump control panel.
- Completed a rebuild of all four pumps at Long Creek Way PS.
- Replaced the radiator on the standby generator at Northern Ditch PS.

- Rebuilt all four pump motors at Barbour Lane PS and replaced the pump feeds with flexible cords.

FY26 Reporting Period

- Replace pumps, bases, electrical service, and the pump control panel at Valley Village PS.
- Replace all four pumps with dry pit submersible pumps, and relocate connections above the water level at Barbour Lane PS.
- Replace all three pumps, bases, piping, and valves at Glen Oaks PS.
- Replace failed generators at Mellwood PS and Muddy Fork PS.
- Repair a failed generator at Harrods Creek PS.

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.

FY25 Reporting Period

- Continued to await state approval of EPA's Cross-Media Electronic Reporting Rule to utilize third-party software and allow online submission of self-monitoring report data from permitted industries. Approval is expected in FY26.

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 146 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 H₂S elimination.

FY25 Reporting Period

- Maintained a Full Service Odor Control Contract.
- Partnered with a professional services provider to streamline and improve the Odor Control program as needed.
- Completed a new Request for Proposal (RFP) for a Full Service Odor Control Contract to be bid in the second quarter of FY26.
- Inspected and rehabilitated 155 air release valves (ARVs) in the Collection System.

FY26 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 817 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 130 Plan Review Final Release 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 three Certified Grease Waste Hauler (CGWH) training classes for haulers servicing grease control equipment within Jefferson County. Grease haulers from various MSD Certified Grease Waste Hauler facilities participated and received certification cards collectively. Classes were held on August 29, 2024, October 31, 2024, and February 20, 2025. 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.
- Tracked FOG removal by CGWHs.
 - Collectively, 4,062,326 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 approximately 4,791 items of grease control equipment.
- Participated in public education and outreach programs to inform the public regarding MSD's FOG program.
- Analyzed FOG program performance measures by utilizing software programs such as Linko Technology and IPS 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.

FY25 Reporting Period

- Increased work efficiency through the use of mobile device applications to document field inspections.
- Reconciled databases recording FOG plans for FSEs between the Heath Department and MSD, and updated accordingly.

FY26 Reporting Period

- Develop inspection processes to include highly concentrated FSE areas to be routinely evaluated for proper installation, maintenance, and documentation.
- Develop an enforcement process to address FSE's that have no pump out records or history of maintaining grease control equipment.

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, 72 PSCs were installed in Jefferson County.

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 \$1,163,922.85 for 103,093 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 \$152,486.60 for 105,196 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 IPS 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%	97.1%

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 243,582 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.
- 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
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
LEVEN FM	2,632
MCNEELY LAKE FM	10
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
SARATOGA SPRINGS FM	663
SHAKES RUN FM	4,623
STONE LAKES FM	2,044
SUNLIGHT FM	1,846
TERRA CROSSING FM	3,334
WATERSTONE FM	2,334

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 FY21 as shown in Table 4.11 with one exception for Derek R. Guthrie WQTC (DRGWQTC) in FY25. DRGWQTC has greater than five (5) violations in the second and third quarter of FY25, due to extreme weather events in February and April. There was a major snow fall followed by flooding events in February and April 2025. DRGWQTC experienced high wet weather flows for extended periods of time that resulted in the exceedances of the KPDES permit. The facility will be ineligible to apply for the NACWA Peak Performance Awards for calendar year 2025.

Table 4.11. Regional WQTC Permit Compliance

PLANT NAME	FY	EXCEEDANCES	MONTHS COMPLIANT
CEDAR CREEK	FY21	0	12
CEDAR CREEK	FY22	0	12
CEDAR CREEK	FY23	0	12
CEDAR CREEK	FY24	1	11
CEDAR CREEK	FY25	0	12
DEREK R. GUTHRIE	FY21	0	12
DEREK R. GUTHRIE	FY22	2	10
DEREK R. GUTHRIE	FY23	0	12
DEREK R. GUTHRIE	FY24	0	12
DEREK R. GUTHRIE	FY25	16	8
FLOYDS FORK	FY21	1	11
FLOYDS FORK	FY22	0	12
FLOYDS FORK	FY23	0	12
FLOYDS FORK	FY24	2	11
FLOYDS FORK	FY25	4	9
HITE CREEK	FY21	3	11
HITE CREEK	FY22	0	12
HITE CREEK	FY23	0	12
HITE CREEK	FY24	3	10
HITE CREEK	FY25	1	11

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%	90.1%

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

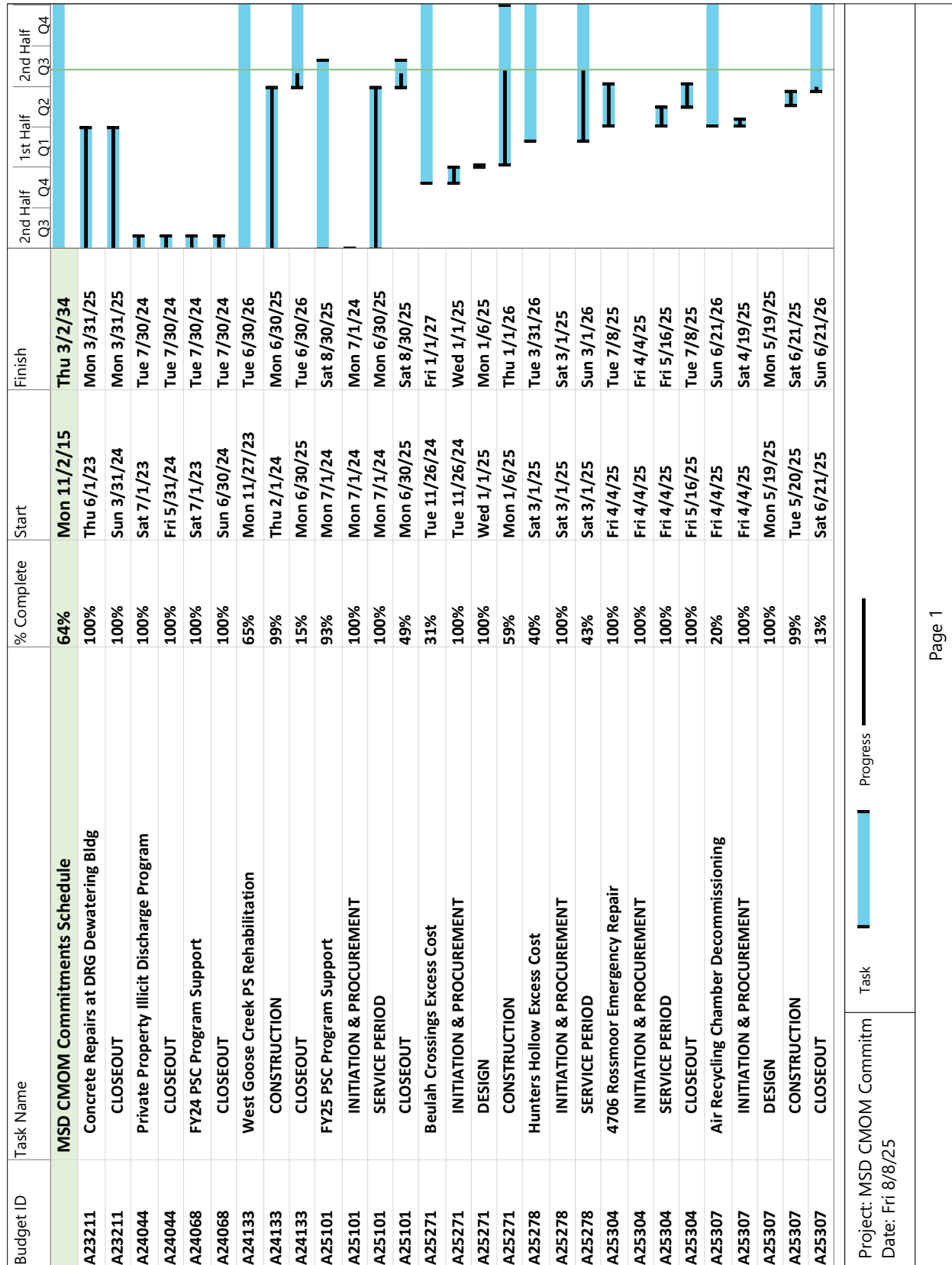


Figure 4.1. CMOM Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish	2nd Half				1st Half			
					Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
C22028	Lower Floyds Fork Facilities Plan	100%	Thu 7/1/21	Tue 7/30/24								
C22028	CLOSEOUT	100%	Wed 5/1/24	Tue 7/30/24								
C22029	Ohio River Area Facilities Plan	100%	Thu 7/1/21	Tue 7/30/24								
C22029	CLOSEOUT	100%	Wed 5/1/24	Tue 7/30/24								
D18090	CCWQTC Solids Dewatering Facility	50%	Thu 12/1/22	Tue 10/26/27								
D18090	DESIGN	100%	Tue 5/9/23	Tue 12/10/24								
D18090	CONSTRUCTION	31%	Wed 3/5/25	Sun 6/28/26								
D18132	DRGWQTC WWPS & WWSB Rehabilitation	69%	Wed 9/1/21	Sat 2/13/27								
D18132	CONSTRUCTION	84%	Sat 6/17/23	Wed 12/31/25								
D20008	Kirby Lane Pump Station Elimination	67%	Fri 7/15/22	Fri 5/26/28								
D20008	DESIGN	94%	Mon 1/9/23	Fri 4/24/26								
D20008	EASEMENTS/LAND ACQUISITION	100%	Wed 4/5/23	Sun 12/1/24								
D20011	Northern Ditch Pump Station Replacement	25%	Mon 7/3/23	Thu 3/2/34								
D20011	DESIGN	91%	Wed 1/31/24	Fri 6/1/29								
D20148	FFWQTC Regional Facilities Plan Update	100%	Tue 9/15/20	Tue 7/30/24								
D20148	CLOSEOUT	100%	Wed 5/1/24	Tue 7/30/24								
D20149	CCWQTC Admin Building Expansion	55%	Wed 8/10/22	Fri 4/16/27								
D20149	CONSTRUCTION	58%	Mon 8/12/24	Thu 4/16/26								
D20351	Floyds Fork Interceptor	52%	Wed 7/1/20	Sat 11/20/32								
D20351	DESIGN	81%	Mon 8/17/20	Sat 6/3/28								
D20351	EASEMENTS/LAND ACQUISITION	69%	Sat 4/1/23	Tue 6/30/26								
D21079	Fairmount Road Pump Station Force Main Extension - Phase 2	58%	Tue 6/1/21	Wed 12/8/27								
D21079	DESIGN	100%	Mon 9/20/21	Thu 7/10/25								
D21079	EASEMENTS/LAND ACQUISITION	100%	Fri 1/26/24	Fri 5/2/25								
D21079	CONSTRUCTION	0%	Wed 10/8/25	Fri 10/9/26								
D21109	FY25 Regional WQTC Equipment RR	100%	Mon 7/1/24	Wed 7/30/25								
D21109	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24								
D21109	SERVICE PERIOD	100%	Mon 7/1/24	Mon 6/30/25								
D21109	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25								

Project: MSD CMOM Commitm Task Progress

Date: Fri 8/8/25

Figure 4.1. CMOM Activity Schedule

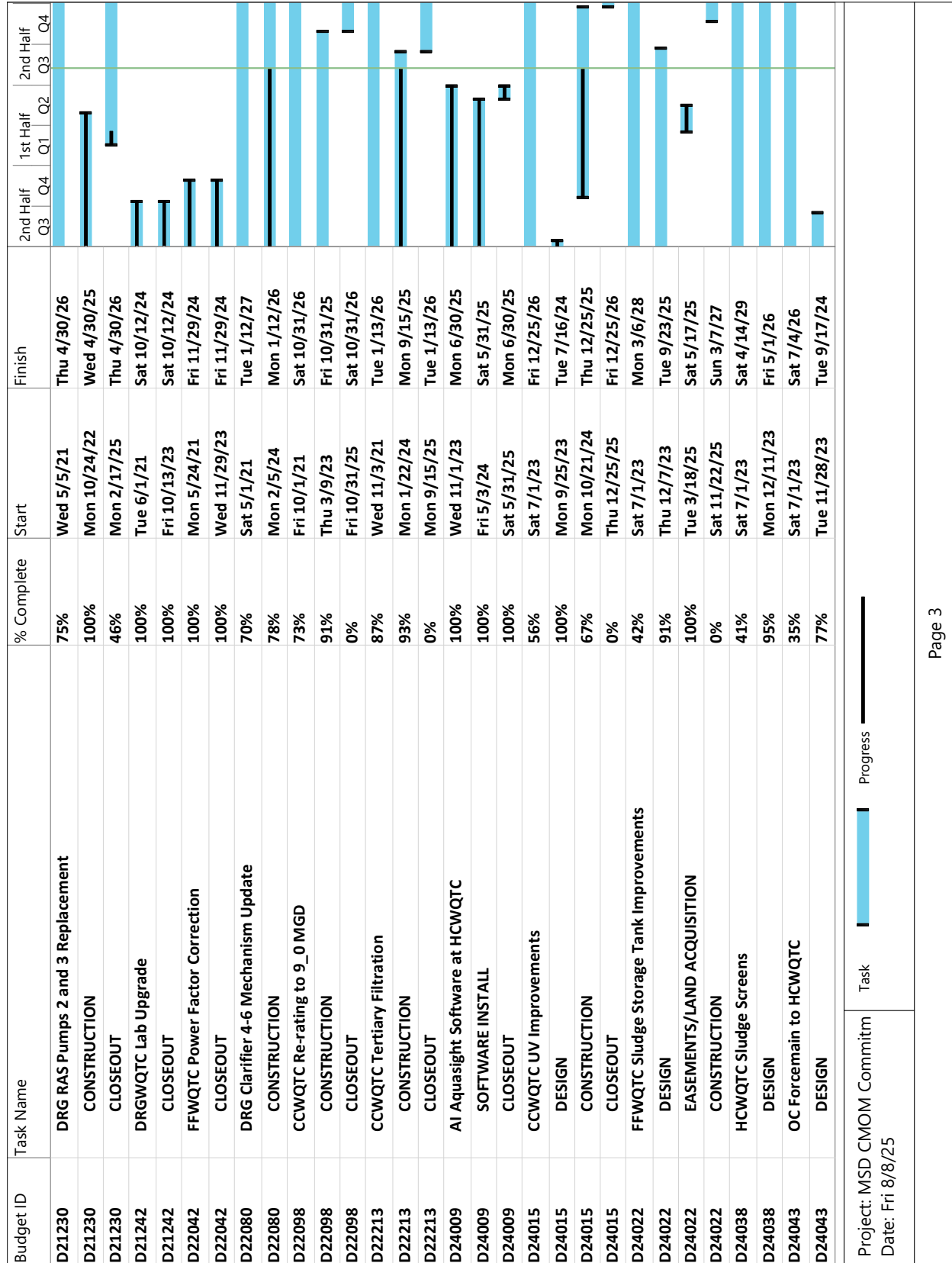
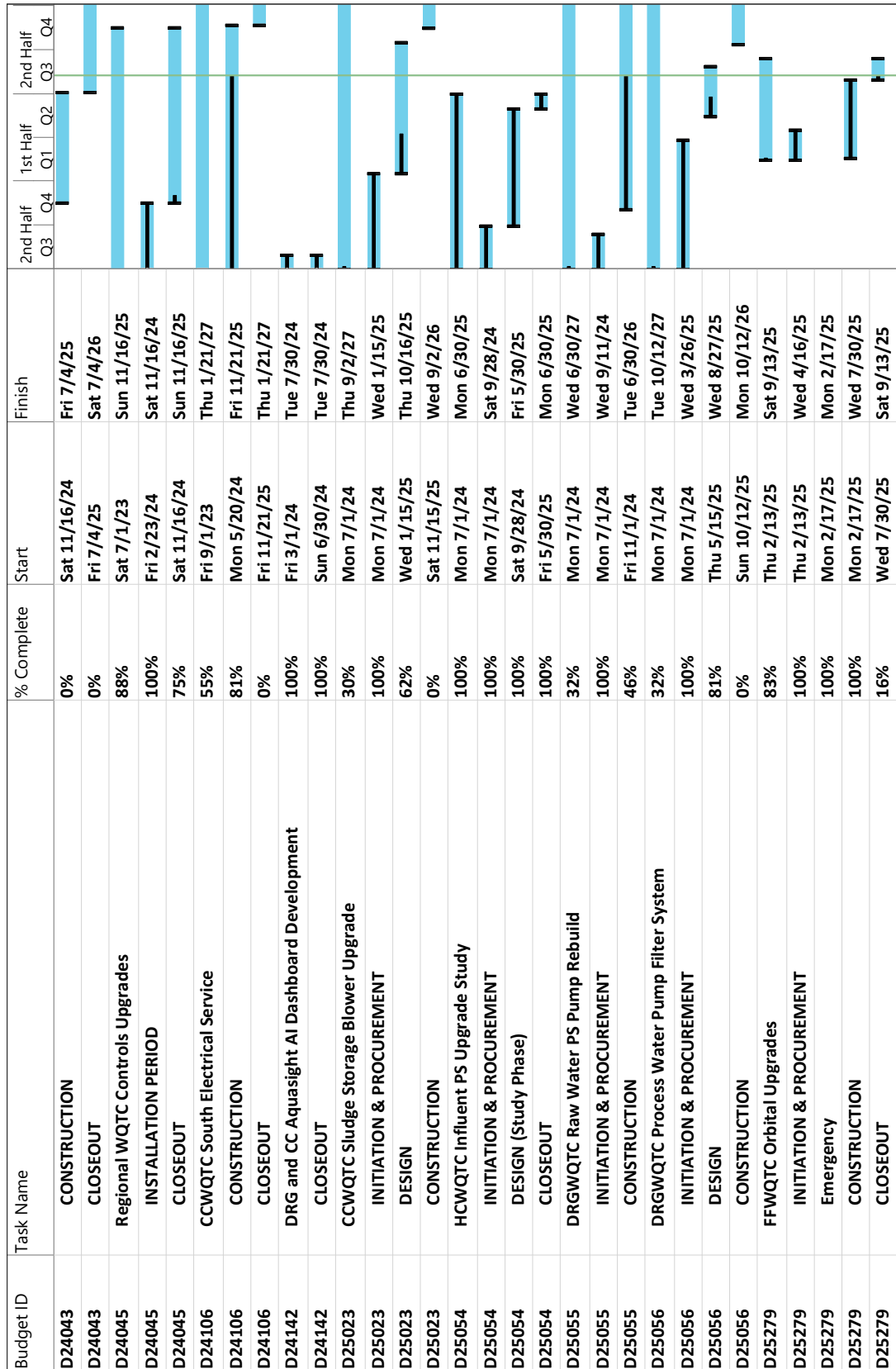


Figure 4.1. CMOM Activity Schedule



Project: MSD CMOM Commitm Task Progress

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Figure 4.1. CMOM Activity Schedule

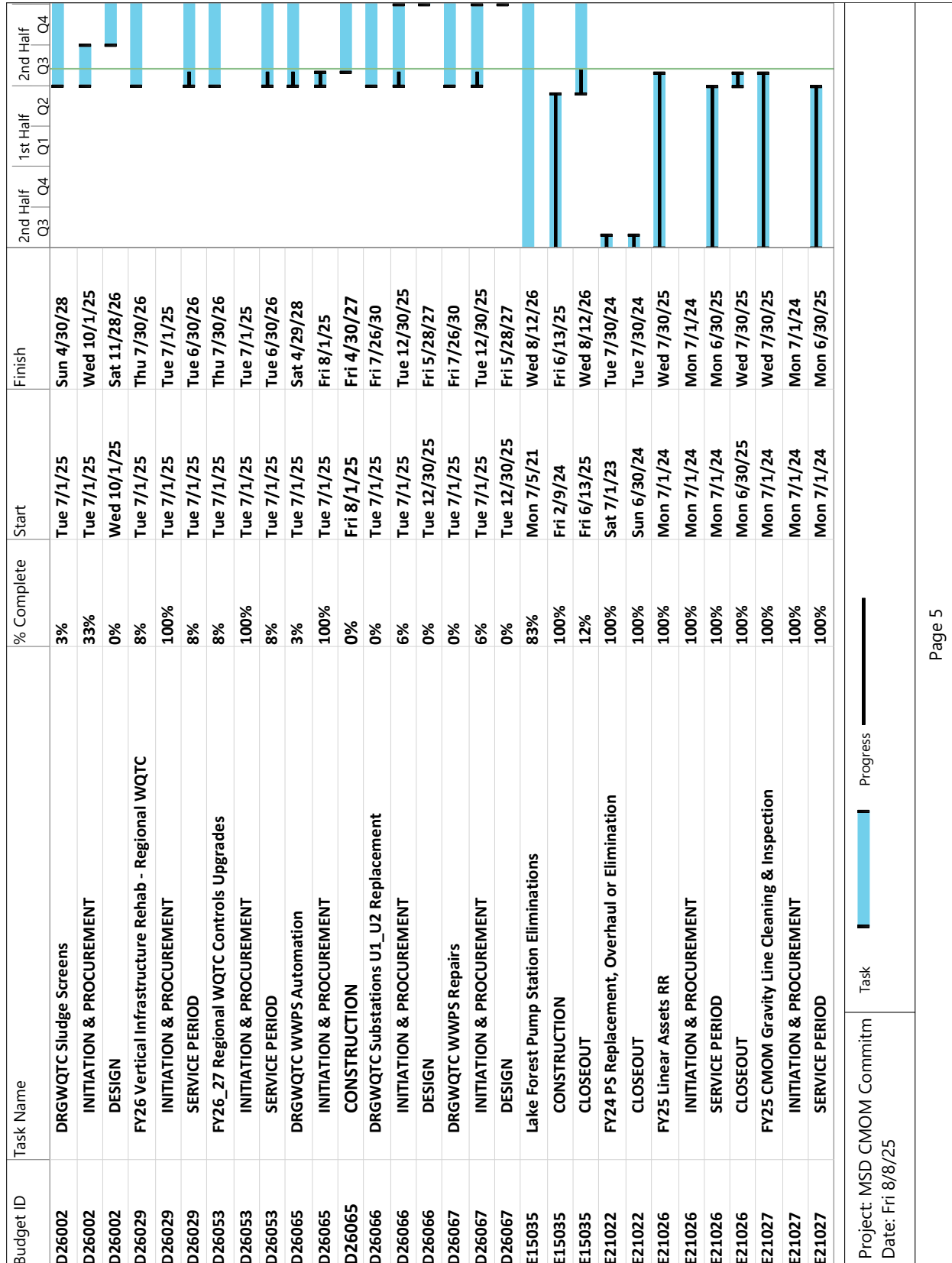


Figure 4.1. CMOM Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish	2nd Half				1st Half			
					Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
E21027	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	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24								
E21028	SERVICE PERIOD	100%	Mon 7/1/24	Mon 6/30/25								
E21028	CLOSEOUT	100%	Sun 6/15/25	Wed 7/30/25								
E21029	FY25 Linear Infrastructure Rehabilitation Program	100%	Mon 7/1/24	Wed 7/30/25								
E21029	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24								
E21029	SERVICE PERIOD	100%	Mon 7/1/24	Mon 6/30/25								
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	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24								
E21031	SERVICE PERIOD	100%	Mon 7/1/24	Mon 6/30/25								
E21031	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25								
E21052	FY25 PS Replacement, Overhaul or Elimination	100%	Mon 7/1/24	Wed 7/30/25								
E21052	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24								
E21052	SERVICE PERIOD	100%	Mon 7/1/24	Mon 6/30/25								
E21052	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25								
E21062	Modesto Pump Station Elimination	100%	Thu 6/3/21	Thu 8/29/24								
E21062	CLOSEOUT	100%	Wed 5/31/23	Thu 8/29/24								
E21070	Rosa Terrace PS Elimination	100%	Wed 7/1/20	Tue 10/22/24								
E21070	CLOSEOUT	100%	Sun 7/23/23	Tue 10/22/24								
E21071	Wathen Lane PS Rehabilitation	99%	Wed 7/1/20	Mon 8/18/25								
E21071	CONSTRUCTION	100%	Mon 5/2/22	Mon 7/1/24								
E21071	CLOSEOUT	98%	Sun 6/30/24	Mon 8/18/25								
E21091	Sanders Lane PS Rehabilitation	100%	Wed 7/1/20	Tue 6/17/25								
E21091	CLOSEOUT	100%	Tue 4/2/24	Tue 6/17/25								
E22223	Lantana Drive Pump Station No 1 Elimination	72%	Tue 6/7/22	Sun 3/14/27								
E22223	DESIGN	100%	Mon 8/15/22	Mon 9/23/24								
E22223	EASEMENTS/LAND ACQUISITION	100%	Mon 2/27/23	Fri 8/30/24								
E22223	CONSTRUCTION	76%	Mon 11/4/24	Thu 10/30/25								

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Figure 4.1. CMOM Activity Schedule

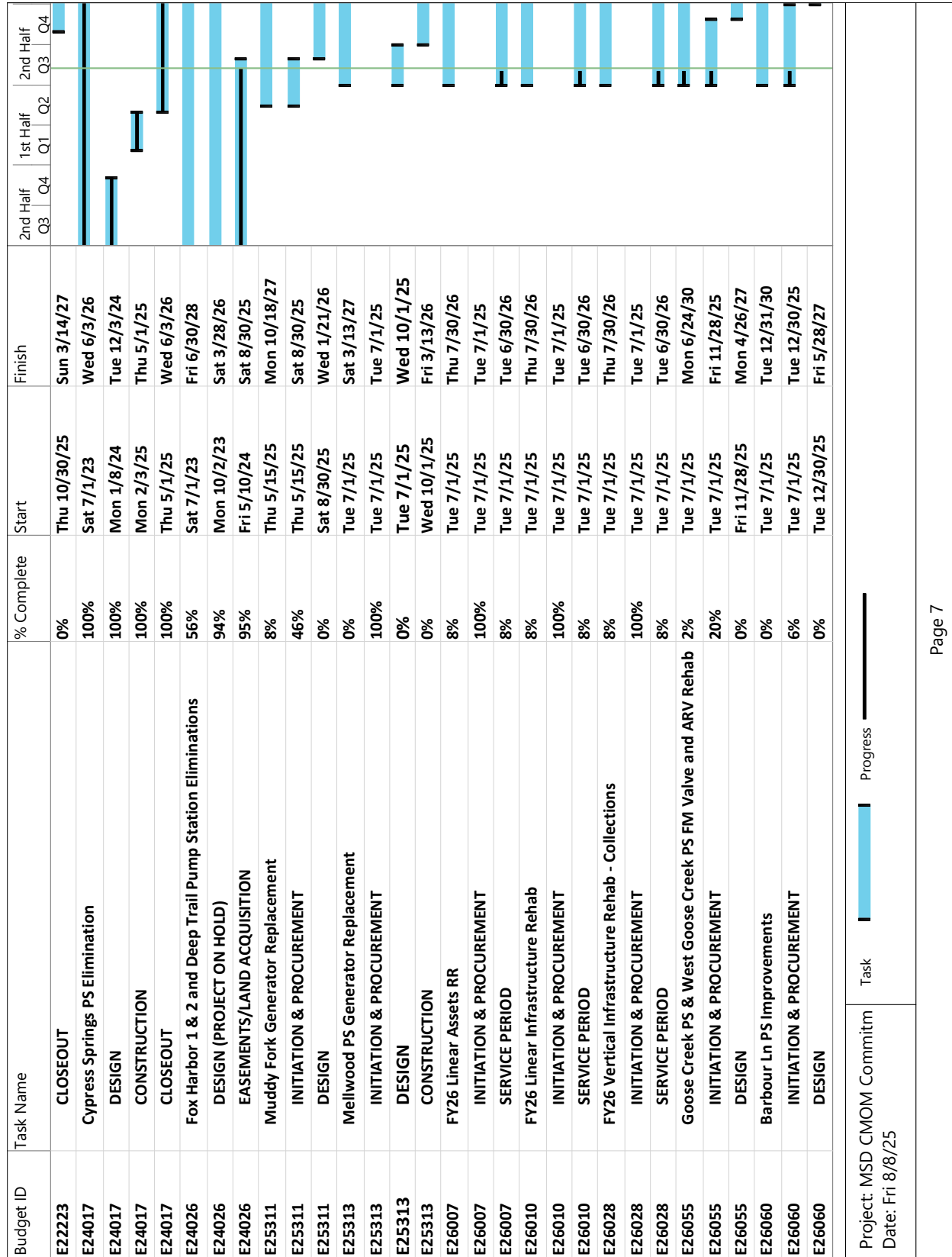


Figure 4.1. CMOM Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish	2nd Half				1st Half			
					Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
G23220	Beckley Trace Property Purchase	100%	Thu 6/1/23	Tue 7/30/24								
G23220	CLOSEOUT	100%	Fri 6/30/23	Tue 7/30/24								
G24001	FY24 Renewal & Replacement_Wastewater	100%	Sat 7/1/23	Tue 7/30/24								
G24001	CLOSEOUT	100%	Sun 6/30/24	Tue 7/30/24								
G25001	FY25 Renewal and Replacement	100%	Mon 7/1/24	Wed 7/30/25								
G25001	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24								
G25001	SERVICE PERIOD	100%	Mon 7/1/24	Mon 6/30/25								
G25001	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25								
G26030	FY26 Renewal & Replacement	8%	Tue 7/1/25	Thu 7/30/26								
G26030	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25								
G26030	SERVICE PERIOD	8%	Tue 7/1/25	Tue 6/30/26								
H14126	HCWQTC Expansion	100%	Mon 11/2/21	Sun 7/21/24								
H14126	CLOSEOUT	100%	Wed 9/15/21	Sun 7/21/24								
H18168	Comprehensive Facility Plan - Five-Year Update	33%	Mon 12/2/24	Thu 12/31/26								
H18168	INITIATION & PROCUREMENT	33%	Mon 12/2/24	Thu 12/31/26								
H20021	Admiral Rd Storage	46%	Fri 4/1/22	Thu 11/1/29								
H20021	DESIGN	79%	Sun 7/3/22	Sat 7/4/26								
H20053	FY24 CMOM Infrastructure Rehabilitation Program	100%	Sat 7/1/23	Tue 7/30/24								
H20053	CLOSEOUT	100%	Sun 6/30/24	Tue 7/30/24								
H20065	FY24 CMOM Gravity Line Cleaning & Inspection	100%	Sat 7/1/23	Tue 7/30/24								
H20065	CLOSEOUT	100%	Sun 6/30/24	Tue 7/30/24								
H20113	FY24 CMOM SCAP, AAM, FOG	100%	Sat 7/1/23	Tue 7/30/24								
H20113	CLOSEOUT	100%	Sun 6/30/24	Tue 7/30/24								
H21051	FY25 Plumbing Modification Program	100%	Mon 7/1/24	Wed 7/30/25								
H21051	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24								
H21051	SERVICE PERIOD	100%	Mon 7/1/24	Mon 6/30/25								
H21051	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25								
H22018	CCWQTC Sludge Storage Tank Improvements	100%	Thu 7/1/21	Mon 3/31/25								
H22018	CLOSEOUT	100%	Sun 3/31/24	Mon 3/31/25								
H22032	DRGWQTC Sodium Bisulfite Bldg Improvements	76%	Thu 7/1/21	Sun 8/30/26								

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Figure 4.1. CMOM Activity Schedule

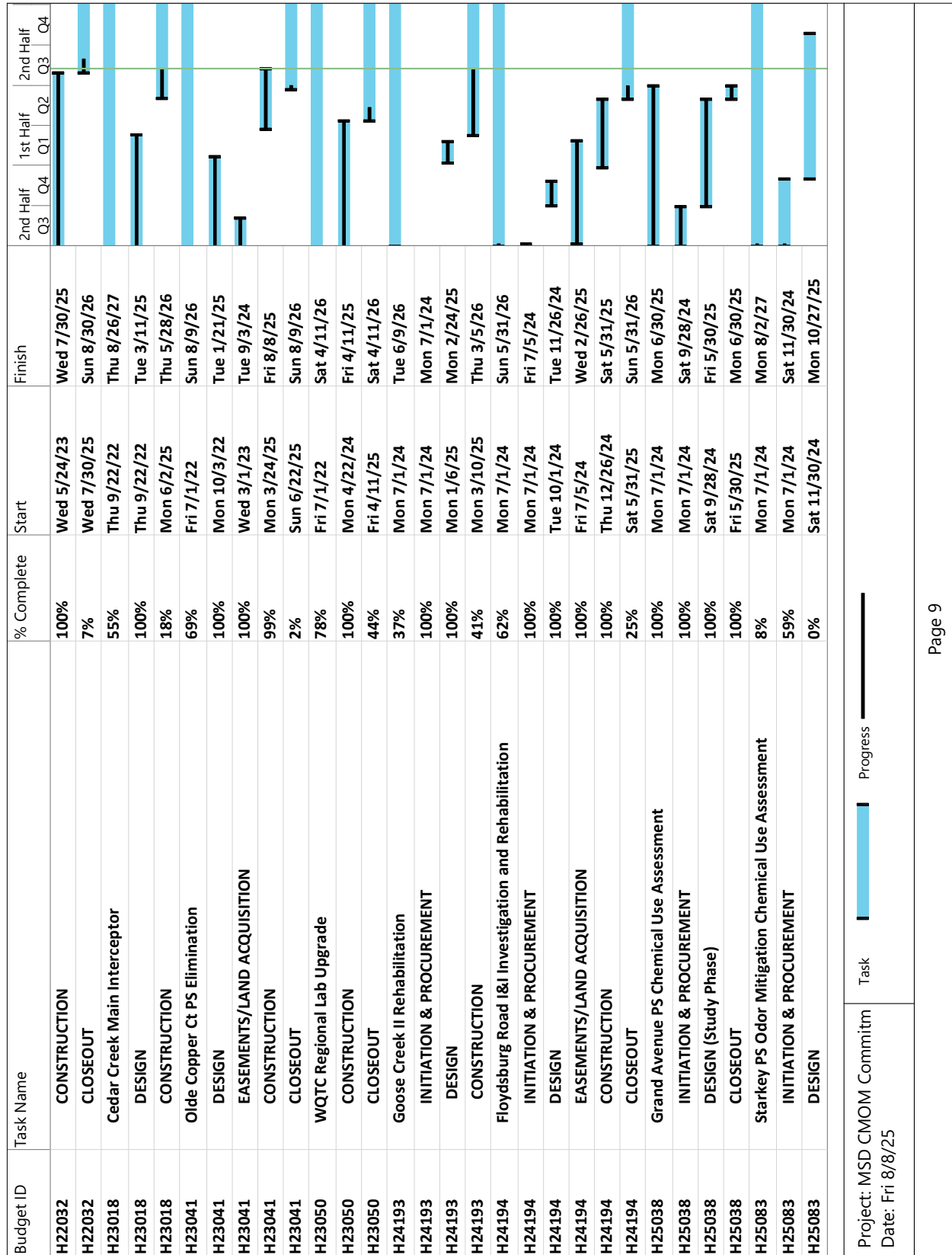


Figure 4.1. CMOM Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish	2nd Half				1st Half				2nd Half			
					Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
H25083	CONSTRUCTION	0%	Fri 12/26/25	Sun 8/2/26												
H26027	FY26 Plumbing Modification Program	8%	Tue 7/1/25	Thu 7/30/26												
H26027	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25												
H26027	SERVICE PERIOD	8%	Tue 7/1/25	Tue 6/30/26												
H26059	FY26 Private Property Illicit Discharge Program	8%	Tue 7/1/25	Thu 7/30/26												
H26059	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25												
H26059	SERVICE PERIOD	8%	Tue 7/1/25	Tue 6/30/26												

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Task
Progress

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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 Infor Public Sector (IPS) 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, IPS. 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.

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
FY21	0	386,820	20,000	0	117,000	3,000
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

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 143 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 860 wet weather inspections on a total of 20 days, and documented 199 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 5.2. Discharge Notifications

TOTAL DISCHARGES	REPORTED WITHIN 24 HOURS	RESULT
364	354	97%

Table 5.3. Late Discharge Notifications

WORK ORDER #	REPORT TIME (HRS)	CAUSE
3863261	39	FOUND DISCHARGE AND THEN FURTHER INVESTIGATION, ADDITIONAL ASSET DISCHARGING, AFTER TVI.
3880983	47	WORK ORDER DUPLICATED FROM OLDER WO. ADVISED TO CREATE NEW WO, WITH NEW TIMESTAMPS.
3897921	30	WRONG DISCHARGE ENTERED IN ERROR, UPDATED AND CORRECTED LATER.
3897922	29	WRONG DISCHARGE ENTERED, AND UPDATED AFTER THE FACT.
3902391	26	INSPECTOR ON RAIN-EVENT SSO ROUTE SUBMITTED DISCHARGE NOTIFICATION TO UNMONITORED PERSONAL CELL PHONE FOR ENTRY INTO IPS. TEXT WAS RECEIVED THE FOLLOWING DAY AND ENTERED IMMEDIATELY. INSPECTOR WAS ADVISED OF CORRECT CELL PHONE NUMBER TO USE. ADDITIONALLY WORKFLOWS ARE BEING AUTOMATED IN IPS TO IMPROVE THE PROCESS.
3923365	29	INSPECTOR ON RAIN-EVENT SSO ROUTE SUBMITTED DISCHARGE NOTIFICATION TO UNMONITORED PERSONAL CELL PHONE FOR ENTRY INTO IPS. TEXT WAS RECEIVED THE FOLLOWING DAY AND ENTERED IMMEDIATELY. INSPECTOR WAS ADVISED OF CORRECT CELL PHONE NUMBER TO USE. ADDITIONALLY WORKFLOWS ARE BEING AUTOMATED IN IPS TO IMPROVE THE PROCESS.
3923368	29	INSPECTOR ON RAIN-EVENT SSO ROUTE SUBMITTED DISCHARGE NOTIFICATION TO UNMONITORED PERSONAL CELL PHONE FOR ENTRY INTO IPS. TEXT WAS RECEIVED THE FOLLOWING DAY AND ENTERED IMMEDIATELY. INSPECTOR WAS ADVISED OF CORRECT CELL PHONE NUMBER TO USE. ADDITIONALLY WORKFLOWS ARE BEING AUTOMATED IN IPS TO IMPROVE THE PROCESS.
3923366	29	INSPECTOR ON RAIN-EVENT SSO ROUTE SUBMITTED DISCHARGE NOTIFICATION TO UNMONITORED PERSONAL CELL PHONE FOR ENTRY INTO IPS. TEXT WAS RECEIVED THE FOLLOWING DAY AND ENTERED IMMEDIATELY. INSPECTOR WAS ADVISED OF CORRECT CELL PHONE NUMBER TO USE. ADDITIONALLY WORKFLOWS ARE BEING AUTOMATED IN IPS TO IMPROVE THE PROCESS.
3923370	29	INSPECTOR ON RAIN-EVENT SSO ROUTE SUBMITTED DISCHARGE NOTIFICATION TO UNMONITORED PERSONAL CELL PHONE FOR ENTRY INTO IPS. TEXT WAS RECEIVED THE FOLLOWING DAY AND ENTERED IMMEDIATELY. INSPECTOR WAS ADVISED OF CORRECT CELL PHONE NUMBER TO USE. ADDITIONALLY WORKFLOWS ARE BEING AUTOMATED IN IPS TO IMPROVE THE PROCESS.
3923367	28	INSPECTOR ON RAIN-EVENT SSO ROUTE SUBMITTED DISCHARGE NOTIFICATION TO UNMONITORED PERSONAL CELL PHONE FOR ENTRY INTO IPS. TEXT WAS RECEIVED THE FOLLOWING DAY AND ENTERED IMMEDIATELY. INSPECTOR WAS ADVISED OF CORRECT CELL PHONE NUMBER TO USE. ADDITIONALLY WORKFLOWS ARE BEING AUTOMATED IN IPS TO IMPROVE THE PROCESS.

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 IPS 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	506
First Quarter Field Training - Preparing Monitoring and Responses	298
Second Quarter Field Training - Overflow Assessment	302
Third Quarter Field Training - Public Notification and Cleanup	310
Fourth Quarter Field Training - Overflow Reporting and Documentation	343

5.5. PUBLIC NOTIFICATION AND COMMUNICATION

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

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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 IPS. There were 1,164 signs inspected, 1,123 signs cleaned, and 390 replaced this reporting period.

6.1.2. ELECTRONIC NOTIFICATIONS

Recurring Programmatic Activities

- Utilized the Louisville Metro e-mail alert system 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 472 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 424 Project WIN information packets 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.
- 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, storm-water 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 is currently underway.
- 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 MSD's Green Infrastructure programs, 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 14, 2024	Riverside Farmers Market	As part of 319 Mill Creek efforts, MSD hosted a booth with the water quality wheel, handouts, and a community survey for Mill Creek.
July 14, 2024	Alberta O Jones Park Day	MSD participated as a tabling partner. Activities included demonstrations of the enviroscape and the TV Inspection crew equipment. More than 150 people visited MSD's table to learn about the role MSD plays in ensuring safe, clean waterways.
August 3, 2024	Shively Farmers and Artisan Market	As part of 319 Mill Creek efforts, MSD hosted a booth with the fish out pollution game, handouts, and the Mill Creek community survey.
August 13, 2024, and March 11, 2025	Mandy Books to District 15	MSD delivered 1,025 Mandy the Salamander books to the Metro Councilperson for District 15 to distribute.
August 26, October 15, October 24, 2024 and April 22 and June 24, 2025	MSD cIAIRity 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 9-11, 2024	Kentucky/Tennessee Water Professionals Conference Presentations	MSD staff led presentations on the Paddy's Run Pump Station Replacement project, the Alberta O Jones Park project and coordination, and MSD's Education and Outreach programs.
September 21, 2024	South End Community Market	As part of 319 Mill Creek efforts, MSD hosted a booth with the fish out pollution game, Mandy the Salamander handouts, and the community survey for Mill Creek.
October 7-9, 2024	Water Environment Federation's Technical Exhibition and Conference (WEFTEC) Presentations	MSD staff led presentations on innovation and technology in stormwater data gathering, PFAS, and utility management.

SECOND AMENDED CONSENT DECREE
ANNUAL REPORT FY25
JULY 1, 2024 - JUNE 30, 2025



Table 6.1. Public Education Workshops & Activities

DATE(S)	EVENT	BENEFIT / RELEVANCE / IMPACT
October 12, 2024	Southwest Community Festival	As part of 319 grant efforts, MSD hosted a booth with the fish out pollution game, handouts, maps of the Mill Creek watershed, Best Management Practice (BMP) information, and the Watershed Health Survey.
October 14, 2024	Native Wisdom Water Day	MSD demonstrated the Enviroscope and discussed water quality and non-point source pollution.
October 24, 2024	Project Water Education Today (WET) Environmental Educator Workshop	MSD was invited to lead one of three activities (Seeing Watersheds) in this educator workshop to familiarize participants with the Project WET curriculum.
November 16, 2024 and May 17, 2025	Building Our Blocks	MSD tabled at the District 15 Building Our Blocks events in the Churchill Downs and Meriwether neighborhoods with information about MSD's customer assistance programs.
November 25, 2024	Highlands Mother's Club Presentation*	MSD was invited to speak about MSD, stormwater runoff, non-point source pollution, and the benefits of trees.
January 10, 2025	Build, Renovate, and Landscape Expo	MSD tabled with information about rain gardens, native plants, flood risk, and water quality.
January 16, 2025	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 11-14, 2025	Utility Management Conference Presentations	MSD staff led presentations on the Morris Forman WQTC Biosolids Facility project, Paddy's Run Pump Station Replacement project, and utility management.
February 17, 2025	Cherokee Triangle Association Meeting*	MSD staff attended the Cherokee Triangle Association board meeting to discuss the Middle Fork Beargrass Creek watershed plan and the application for 319(h) funds for tree box implementation.
February 26, 2025	National Society of Professional Engineers - Kentucky Louisville Chapter Meeting	MSD staff presented about the Paddy's Run Flood Pump Station Replacement Project.
March 22, 2025	Jefferson Memorial Forest World Water Day	MSD tabled at a celebration for World Water Day with Enviroscope demonstrations.
March 27, 2025	Salt River Summit Tabling	MSD tabled at the Salt River Summit, which is a gathering to highlight and celebrate water-related activities in the Salt River Basin. MSD distributed rain garden handbooks and plant guides.
March 29, 2025	Louisville Metro Office of Sustainability Earth Fest	MSD tabled with Enviroscope demonstrations and handouts.
April 19, 2025	TreeFest Workshop*	MSD participated with a 30-minute workshop featuring the Enviroscope to discuss runoff, non-point source pollution, and the role trees play in stormwater management.
May 14, 2025	MSD Field Day	MSD conducted the Annual Field Day event with presentations about green infrastructure, current projects, and outreach opportunities.
May 24, and June 28, 2025	Alberta O Jones Park Movie Night	MSD tabled with several giveaway items, customer bill information, and demonstrations of the enviroscope/fish out pollution game.
June 3, 2025	Alberta O Jones Park Storytime	In collaboration with the Parks Alliance and Play Cousins, MSD volunteered at the kick-off event for AOJ Park Storytime. Mandy the Salamander had a meet and greet with the kids in attendance and Mandy books and activity books were handed out.
*This activity also satisfies NMC 7 requirements related to Pollution Prevention Programs		

FY26 Reporting Period

- Implement 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's 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	CURRENT STRATEGY	PROPOSED STRATEGY	RATIONALE AND ADDITIONAL INFORMATION
Survey Content	The survey is currently 46 questions long (15 minutes to complete), with many questions requiring multi-part responses	Streamline and reduce the question count 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, social media, 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)	Launch current survey in 2026; aligned with recreational season and outreach activities.	Addresses cybersecurity delays and improves outreach opportunities

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, radio and the newspaper, to serve as a conduit for disseminating information to the public. This reporting period, reached a total TV/Radio audience of over 15,000,000 through approximately 1,000 clips mentioning MSD programs and projects.

Table 6.3. Metro TV Broadcasts

PROJECT	PHASE	AIRINGS
MSD Services	Educational Content	306
Wastewater Treatment	Educational Content	265
Stormwater Drainage	Educational Content	206
clAIRity Program Overview	Educational Content	133
Project Updates and MSD Services	Educational Content	22

FY25 Reporting Period

- Purchased public service advertising messages through UofL Learfield Sports Radio, reaching over 91,000 people 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 Project WIN 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.
- Augmented print ads with a digital campaign which continued to increase awareness of sewer overflows. This reporting period, received 778,616 impressions for digital ads with 2ACD messaging.
- Released 415 unique posts on topics including environmental awareness, outreach programs, events, health and safety, and public meetings. Between Facebook, Instagram, and X, received over 1,462,096 impressions from 1,205,945 users.
- Shared the StreamLine through email, reaching 75,000 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/programs/education and louisvillemsd.org/at-home.

- Provided information on MSD's green infrastructure incentive programs, Louisville's tree canopy, sewer overflow prevention, pollution prevention, and other topics.
- Provided information and videos illustrating wastewater treatment, stormwater/drainage, and flood protection online at louisvillemad.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 (louisvillemad.org/programs/education) with user-friendly links that direct to pages titled Bowl Patrol, Speaker Request, Book a field trip, Classroom Education, At home, and Mandy the Salamander. The Mandy the Salamander page contains a video, storybook, puzzles, games, and videos of steam testing to educate younger children about the importance of clean waterways.
- Used the Careers web-page (louisvillemad.org/careers) to share information about MSD's role in the community and potential employment opportunities.

FY25 Reporting Period

- Updated MSD's water quality website with information related to post-construction best management practices.

FY26 Reporting Period

- Update content for Illicit Discharge Detection and Elimination (IDDE) and Industrial Waste Department (IWD) inspections, including printed materials and website updates.
- Create outreach materials for planting trees safely near stormwater and sanitary sewer infrastructure.

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.

Table 6.4. Green Infrastructure Workshops & Activities

DATE(S)	EVENT	BENEFIT / RELEVANCE / IMPACT
September 8, 2024	Louisville Grows 15th Anniversary Plant and Partnership Party*	MSD tabled with information about MSD's Urban Reforestation program and how trees help reduce runoff and improve water quality.
October 21, 2024	Germantown Neighborhood Association Meeting	Conceptual designs for the Jim King Memorial Rain Garden rehabilitation project were presented to the Germantown Neighborhood Association members. Discussions included the water quality benefits of rain gardens and design updates that improve function.
October 29, 2024	Rain Garden Planting - MSD Main Office*	Sixteen MSD employees volunteered to help plant two rain gardens at the MSD main office.
December 7, 2024	Louisville Grows Portland Neighborhood Tree Planting Event*	MSD's Urban Reforestation Program supported a volunteer tree planting event hosted by Louisville Grows in the Portland neighborhood. With the support of 111 volunteers, 91 trees were planted at 42 Portland residential addresses.
*This activity also satisfies NMC 7 requirements related to Pollution Prevention Programs.		

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Table 6.5. Clean Stream Workshops & Activities

DATE(S)	EVENT	BENEFIT / RELEVANCE / IMPACT
November 2, 2024	Mill Creek Cleanup-Sylvania Park*	MSD hosted a cleanup held at Sylvania Park as part of the 319(h) Mill Creek project. 22 volunteers and 3 MSD Operations staff collected 1 full dump truck of trash and 39 tires.
November 16, 2024	Big Rock Stream Cleanup*	MSD supported Trinity High School for a cleanup at Big Rock on the Middle Fork of Beargrass Creek.
February 27, 2025	Engineering Week Beargrass Creek Cleanup*	MSD and engineering firm partners held a cleanup event at Arthur K Draut Park. Over 40 participants removed trash and debris from the 2000 ft reach of Beargrass Creek that flows through the park. Firms that participated included: GPD Group, Jacobs, AECOM, Dugan & Meyers, OHM, and Stantec.
March 19, 2025	Shawnee Park Cleanup*	MSD helped support a cleanup of Shawnee Park following flooding in February, partnering with Louisville Parks and Recreation, Natural Areas, the Louisville Olmsted Parks Conservancy, and the Kentucky Waterways Alliance. Participants cleaned up 30 bags of trash, 12 tires, and other debris.
April 19, 2025	Beargrass Creek Earth Day Sweep*	MSD helped support a cleanup of Beargrass Creek, partnering with the Kentucky Waterways Alliance, Metro Council Districts 8 and 9, Brightside, the Louisville Olmsted Parks Conservancy, Metro Solid Waste Clean Collaborative, and the Ohio River Valley Water Sanitation Commission. There were roughly 55 participants who collected approximately 1,975 pounds of litter.
*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 12, 2024	Beargrass Creek Tour with UofL/JCPS BIO-RETS Program	MSD led a canoe tour for UofL Biology Dept professors and JCPS teachers participating in the BIO-RETS (Urban Ecology Research and Environmental Justice) program. On the tour, water quality monitoring and MSD's Long Term Monitoring Network (LTMN) program were discussed.
September 7, 2024	Alberta O Jones Park Back to School Event	MSD brought the TVI truck to AOJ Park Back to School Event, where approximately 1000 middle school students and their families attended. MSD shared career information and allowed the students to drive the inspection robot as part of the demonstration.
9/8/2024 and June 8, 2025	Ripple Effects Student Photo Contest Awards Ceremony	MSD tabled with the flood model and the Enviroscape as part of the tabling event before and after the awards ceremony.
September 14, 2024	Kentucky Science Center Touch-A-Truck	MSD exhibited with the TVI truck and handed out Mandy the Salamander books.
September 17-18, 2024	Kentucky Construction Days Event	MSD brought the TVI truck and confined space simulator to share with high school students interested in a career in the construction field.
October 14, 2024	University of Louisville Stream Restoration Site Visit	MSD staff led a field trip for the University of Louisville CEE 676 course (Sediment Transport and River Mechanics).
October 18, 2024	Seneca High School Green Day	MSD presented about MSD's three core services and how they contribute to water quality.
November 7, 2024	Trinity High School Key Club Presentation	MSD staff talked with students and teachers about flooding and climate change.
November 11, 2024	Valley High School Skilled Trades Presentation	MSD staff spoke with a group of tenth-grade girls about their experiences and opportunities for women in the skilled trade field.

Table 6.6 Outreach Activities for Students

DATE(S)	EVENT	BENEFIT / RELEVANCE / IMPACT
November 15, 2024	Beargrass Creek Bank Stabilization Project*	MSD staff, students in the UofL CEE 676 course, and Third Rock Consultants planted trees and live stakes at an MSD project site on Middle Fork Beargrass Creek. Erosion, stream bank stabilization, and live-staking were discussed.
December 4, 2024	St. X Environmental Club Presentation	MSD staff spoke with the St. X Environmental Club about water quality and green infrastructure as part of the school site assessment for the Kentucky Association for Environmental Education's (KAEE) green schools program.
January 22, 2025	U of L Public Health Practices Presentation	MSD presented about MSD's core services and career opportunities.
January 30, 2025	St. Mary Academy Classroom Presentations*	MSD staff brought interactive lessons on stormwater and water pollution prevention. Presentations to third-grade classes discussed how land use impacts streams and the role everyone plays in keeping our water clean. Presentations to fifth-grade classes discussed aquatic macroinvertebrates, explaining how MSD uses these macroinvertebrates to monitor the health of Louisville's waterways, ensuring our rivers and streams remain vibrant and healthy.
January 30-31, 2025	Junior Achievement Inspire to Hire	MSD exhibited with the TVI truck and an obstacle course for the inspection camera that students were able to try to complete. Approximately 200 high school students visited the exhibit to learn more about career opportunities at MSD.
February 5, 2025	St. Margaret Mary Enviroscape Presentation	MSD staff presented the enviroscape to pre-school students at St. Margaret Mary School.
February 21-22, 2025	Kentucky Science Center Engineering Days	MSD was invited to table with information about ongoing projects and career opportunities.
March 4, 2025	Slaughter Elementary STEM Night	MSD staff shared the flood model with students and their families.
March 6-7, 2025	Manual High School Field Trip to Floyds Fork WQTC	115 AP Environmental Science students from Manual High School attended the MSD-hosted field trip at the Floyds Fork WQTC. During this tour, students were able to tour the process of the water quality treatment center and learned how MSD works to protect our communities' water quality. The students then were given the opportunity to learn about the watershed monitoring program and how the instream data is collected and monitored to determine current and potential improvement. MSD also collects macroinvertebrate samples as an indicator of pollution in the water column.
March 21, 2025	Career Day Presentation to Audubon Traditional Elementary	MSD staff presented about career opportunities and shared Mandy the Salamander books and activity books.
March 28, 2025	Westport Middle School Public Health Class Interview	MSD presented about how MSD works to protect public health. The presentation was recorded to be used in future classes and for multi-language learners.
April 25, 2025	J. Graham Brown School Earth Day Fest	MSD tabled at the Environmental Club's Earth Day Fest with Enviroscape demonstrations and information about stormwater runoff and non-point source pollution.
May 15, 2025	Portland Elementary School Presentation	MSD led the "Sum of the Parts" watershed activity in two third-grade classrooms.
May 20, 2025	Breckinridge-Franklin Elementary Presentation	MSD led the "Sum of the Parts" watershed activity in three third-grade classrooms.

Table 6.6 Outreach Activities for Students

DATE(S)	EVENT	BENEFIT / RELEVANCE / IMPACT
May 21, 2025	Fern Creek Elementary Presentation	MSD led the "Sum of the Parts" watershed activity in six third-grade classrooms.
May 31, 2025	Junior League of Louisville's Touch-a-Truck	MSD demonstrated the TVI truck and inspection camera robot and spoke with dozens of families about how this technology helps MSD evaluate and maintain sewers throughout the community. The kids were able to drive the robot themselves and were given a copy of the Mandy the Salamander book.
June 6, 2025	Beargrass Creek Tour with UofL/BioRET & KEEP Summer Interns	MSD led a canoe tour of Beargrass Creek for UofL undergrad research interns (KEEP Program) and UofL/JCPS summer research program participants (Bio-RET). Water quality, monitoring, watershed planning, and flood protection were discussed throughout the tour.
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		

FY25 Reporting Period

- Installed new signage at Floyds Fork WQTC to streamline and enhance the tour experience.
- Developed speaker, in-classroom, and off-site education requests that can be submitted through the education web-page (louisvillemsd.org/education).

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.
 - Conducted a Wet Weather Team meeting on December 3, 2024 at MSD's new office building. WWT members were provided with a tour of the facility and participated in a facilitated discussion, with topics including an update on significant capital projects, potential impacts of drafted regulatory changes, and mitigation of ongoing odor control concerns within the community.
 - Conducted a Wet Weather Team meeting on May 21, 2025 at MSD's new office building. Facilitated discussion topics included impacts and recovery for the April 2025 flooding event, government affairs, and an update on significant 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.

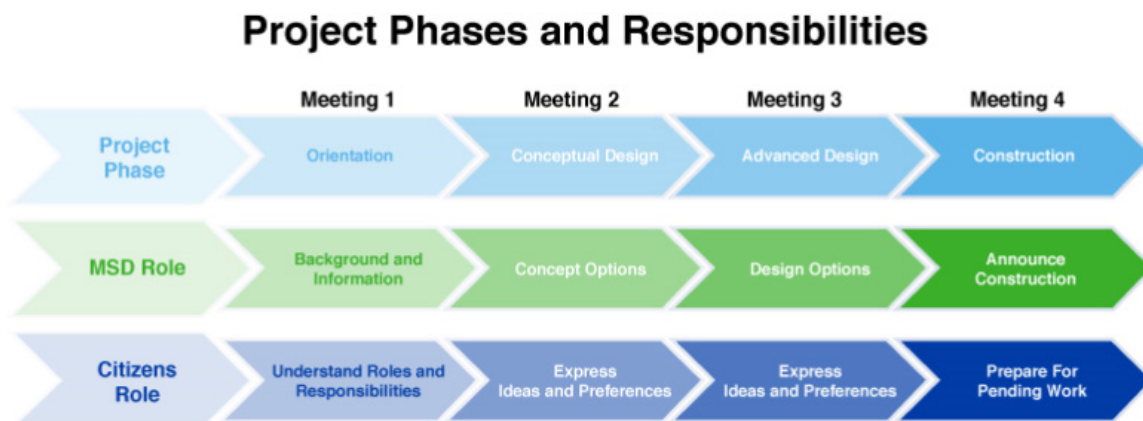
FY25 Reporting Period

- On February 8, 2025, the Engineering Cluster of YMCA Black Achievers attended a tour of the Paddy's Run Flood Pump Station. 10-12 high school students and 4 volunteer leaders attended the tour and heard about MSD's Combined Sewer System and the importance of Paddy's Run to public safety.

FY26 Reporting Period

- Plan outreach activity schedule for IOAP Projects with design underway.

Figure 6.1. MSD's Significant Capital Project Meeting Process



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 IPS production.
- 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.

FY25 Reporting Period

- Implemented condition assessment by equipment type in IPS production.
- Documented high-level requirements and interface development needs for improved workflows related to labor hours and work scheduling, materials, and work order costs.
- Developed TAMP-specific training modules to be delivered online.
- Reviewed Engineering Capital Project Managers Handbook, MSD Design Manual, MSD Standard Specifications, and MSD Construction Contract for alignment with SAMP language and processes.

FY26 Reporting Period

- Import condition assessment data collected in FY22-FY23 in IPS.
- Document detailed requirements and interface development needs for improved workflows related to labor hours and work scheduling, materials, and work order costs, and develop schedule and prioritization for implementation.
- Deliver TAMP-specific training modules online to supporting staff and incorporate into staff onboarding.
- 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.
- Pilot process for job plan creation and maintenance, both during asset commissioning and in response to maintenance trend analysis.
- Incorporate SAMP into MSD's Infrastructure Management Policy and develop procedures for its maintenance.
- Add staff to Engineering Regulatory Compliance and Asset Management team to develop, maintain, and implement new and improved asset management processes.

7.2.2. MORRIS FORMAN WQTC TAMP

FY25 Reporting Period

- Finalized asset inventory refinement and moved to IPS production.
- Began development of vertical equipment onboarding methodology.
- Continued development of buried asset registry.

FY26 Reporting Period

- Continue development of vertical equipment onboarding methodology with pilot testing.
- Continue development of buried asset registry.
- Implement service requests in IPS to improve corrective maintenance response.
- Pilot condition assessment performance in IPS.

7.2.3. DEREK R. GUTHRIE WQTC TAMP

FY25 Reporting Period

- Finalized asset inventory refinement and moved to IPS production.
- Began development of vertical equipment onboarding methodology.
- Developed buried asset registry

FY26 Reporting Period

- Continue development of vertical equipment onboarding methodology with pilot testing.
- Implement service requests in IPS to improve corrective maintenance response.
- Pilot condition assessment performance in IPS.

7.2.4. HITE CREEK WQTC TAMP

FY25 Reporting Period

- Finalized asset inventory refinement and moved to IPS production.
- Began development of vertical equipment onboarding methodology.

FY26 Reporting Period

- Continue development of vertical equipment onboarding methodology with pilot testing.
- Implement service requests in IPS to improve corrective maintenance response.
- Pilot condition assessment performance in IPS.

7.2.5. CEDAR CREEK WQTC TAMP

FY25 Reporting Period

- Finalized asset inventory refinement and moved to IPS production.
- Began development of vertical equipment onboarding methodology.

FY26 Reporting Period

- Continued development of vertical equipment onboarding methodology with pilot testing.
- Implement service requests in IPS to improve corrective maintenance response.
- Begin development of buried asset registry.
- Pilot condition assessment performance in IPS.

7.2.6. FLOYDS FORK WQTC TAMP

FY25 Reporting Period

- Finalized asset inventory refinement and moved to IPS production.
- Began development of vertical equipment onboarding methodology.

FY26 Reporting Period

- Continue development of vertical equipment onboarding methodology with pilot testing.
- Implement service requests in IPS to improve corrective maintenance response.
- Pilot condition assessment performance in IPS.

7.2.7. PUMP STATIONS, FORCE MAINS, AND GATES (PSFMG) TAMP

FY25 Reporting Period

- Finalized asset inventory refinement and moved to IPS production.
- Began development of vertical equipment onboarding methodology.

FY26 Reporting Period

- Continued development of vertical equipment onboarding methodology with pilot testing.
- Implement service requests in IPS to improve corrective maintenance response.
- Pilot condition assessment performance in IPS.

7.2.8. GRAVITY LINEAR TAMP

FY25 Reporting Period

- Began review of asset class plans and structured maintenance job plans.
- Reviewed and refined linear asset onboarding process.

FY26 Reporting Period

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

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. Through FY25, MSD spent approximately \$268M surpassing this minimum level by \$155.5M

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
Program Expenditures to Date	\$268,080,158.07

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

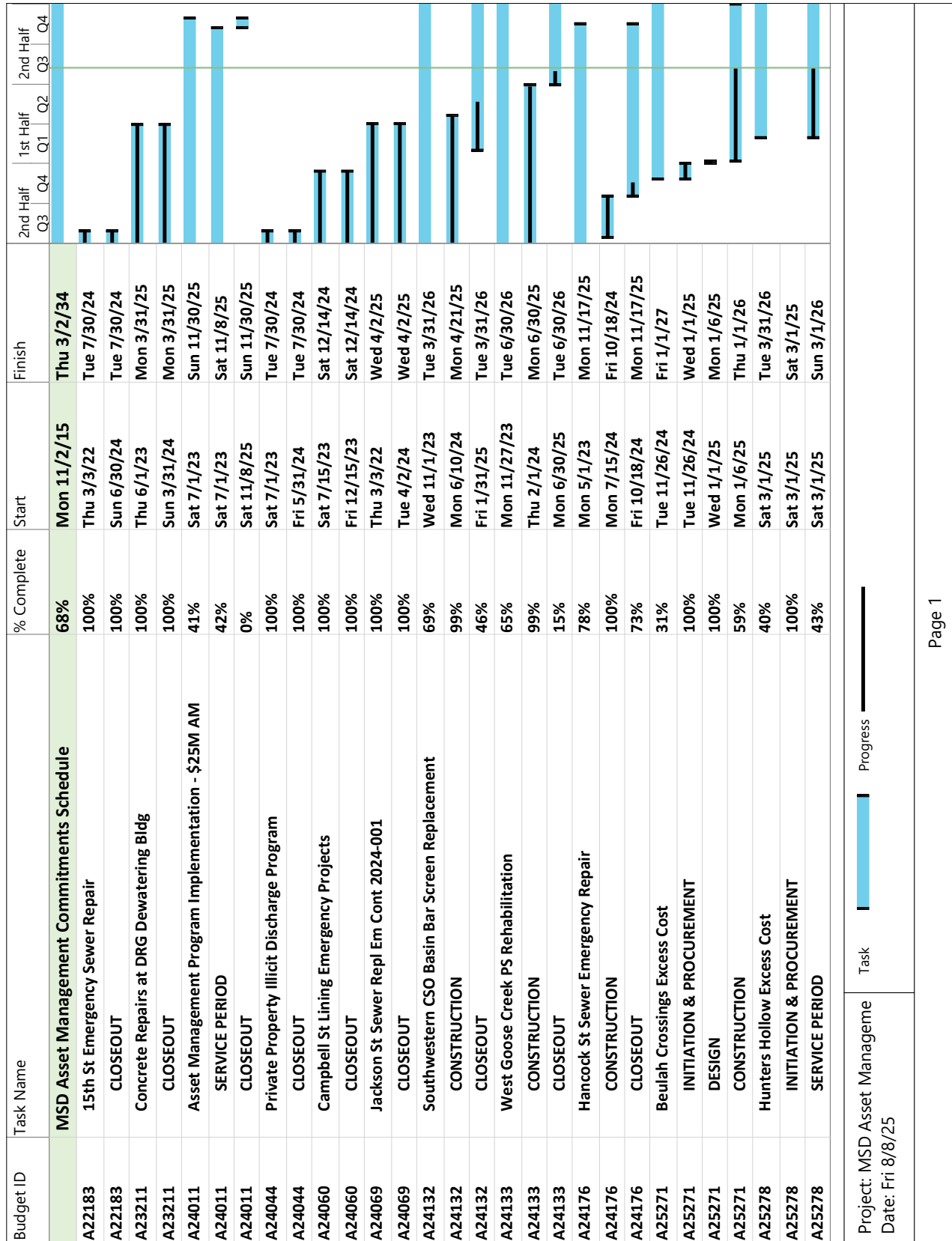


Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish	2nd Half				1st Half			
					Q3	Q4	Q1	Q2	Q1	Q2	Q3	Q4
A25304	4706 Rossmoor Emergency Repair	100%	Fri 4/4/25	Tue 7/8/25								
A25304	INITIATION & PROCUREMENT	100%	Fri 4/4/25	Fri 4/4/25								
A25304	SERVICE PERIOD	100%	Fri 4/4/25	Fri 5/16/25								
A25304	CLOSEOUT	100%	Fri 5/16/25	Tue 7/8/25								
C22028	Lower Floyds Fork Facilities Plan	100%	Thu 7/1/21	Tue 7/30/24								
C22028	CLOSEOUT	100%	Wed 5/1/24	Tue 7/30/24								
C22029	Ohio River Area Facilities Plan	100%	Thu 7/1/21	Tue 7/30/24								
C22029	CLOSEOUT	100%	Wed 5/1/24	Tue 7/30/24								
C24014	Park DuVall Catch Basin Rehab Project Phase 2	62%	Sat 7/1/23	Sat 5/31/25								
C24014	CLOSEOUT	37%	Fri 5/31/24	Sat 5/31/25								
C24121	California Trap Catch Basin Replacement Phase 2	100%	Mon 10/2/23	Mon 12/22/25								
C24121	CONSTRUCTION	100%	Thu 2/22/24	Wed 10/30/24								
C24121	CLOSEOUT	100%	Sun 6/23/24	Mon 12/22/25								
C24139	Shawnee Trap Catch Basin Replacement	64%	Fri 1/19/24	Thu 5/14/26								
C24139	CONSTRUCTION	100%	Tue 5/14/24	Wed 5/14/25								
C24139	CLOSEOUT	29%	Wed 5/14/25	Thu 5/14/26								
D17039	MFWQTC DAFT Rehabilitation	35%	Sat 7/1/23	Fri 12/22/28								
D17039	DESIGN	100%	Wed 8/23/23	Thu 6/19/25								
D17039	CONSTRUCTION	0%	Thu 9/4/25	Thu 12/23/27								
D17042	MFWQTC Sedimentation Basin RR	77%	Tue 5/21/19	Sat 12/12/26								
D17042	CONSTRUCTION	91%	Tue 1/25/22	Fri 12/12/25								
D17042	CLOSEOUT	0%	Fri 12/12/25	Sat 12/12/26								
D18090	CCWQTC Solids Dewatering Facility	50%	Thu 12/1/22	Tue 10/26/27								
D18090	DESIGN	100%	Tue 5/9/23	Tue 12/10/24								
D18090	CONSTRUCTION	31%	Wed 3/5/25	Sun 6/28/26								
D18132	DRGWQTC WWPS & WWWSB Rehabilitation	69%	Wed 9/1/21	Sat 2/13/27								
D18132	CONSTRUCTION	84%	Sat 6/17/23	Wed 12/31/25								
D18160	MFWQTC Mixed Liquor Channel and HPO Batteries A, B, C Improvements	28%	Sat 7/1/23	Thu 5/30/30								
D18160	DESIGN	63%	Tue 5/14/24	Mon 5/11/26								

Project: MSD Asset Manage

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Task

Progress

Page 2

Figure 7.1. Asset Management Schedule

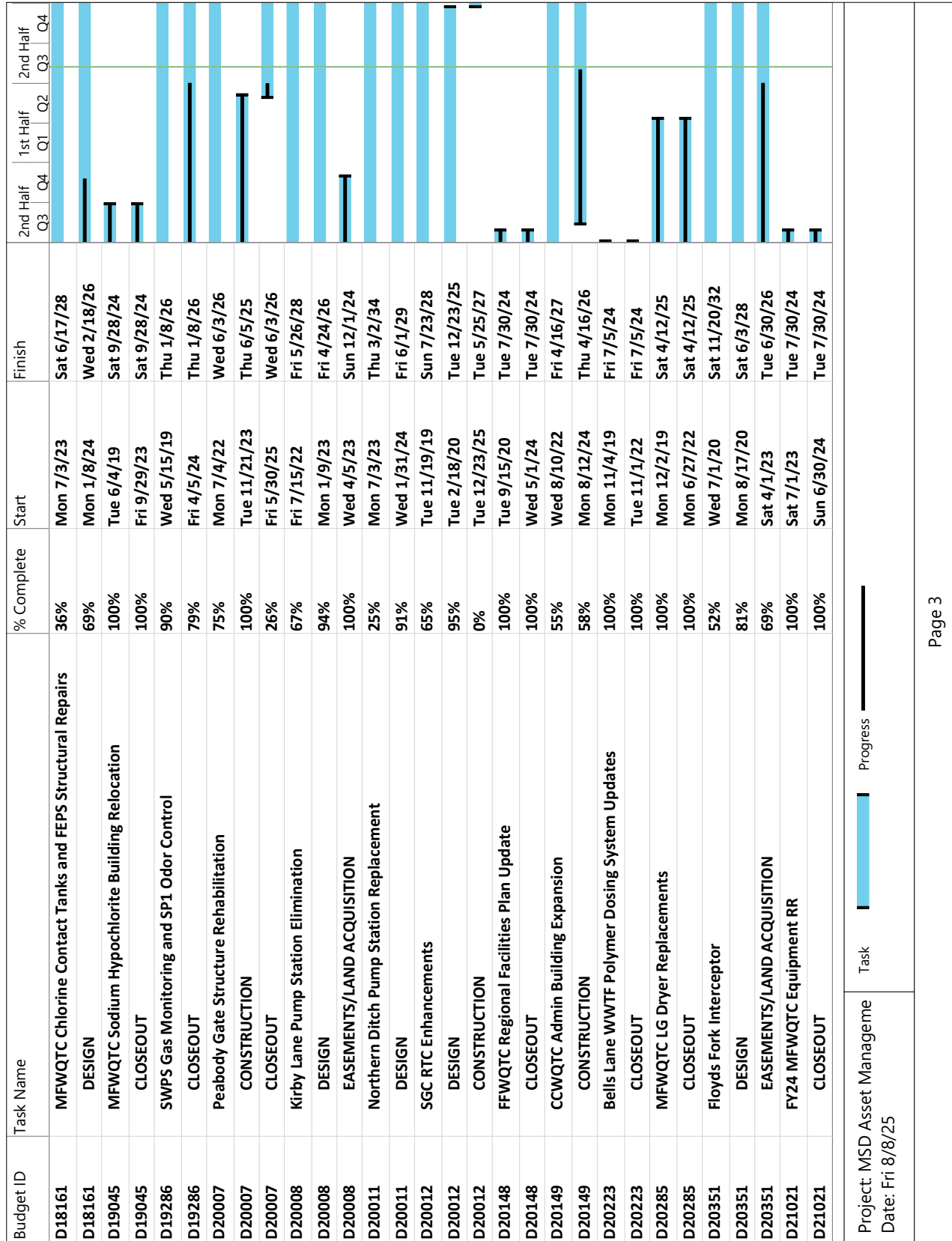


Figure 7.1. Asset Management Schedule

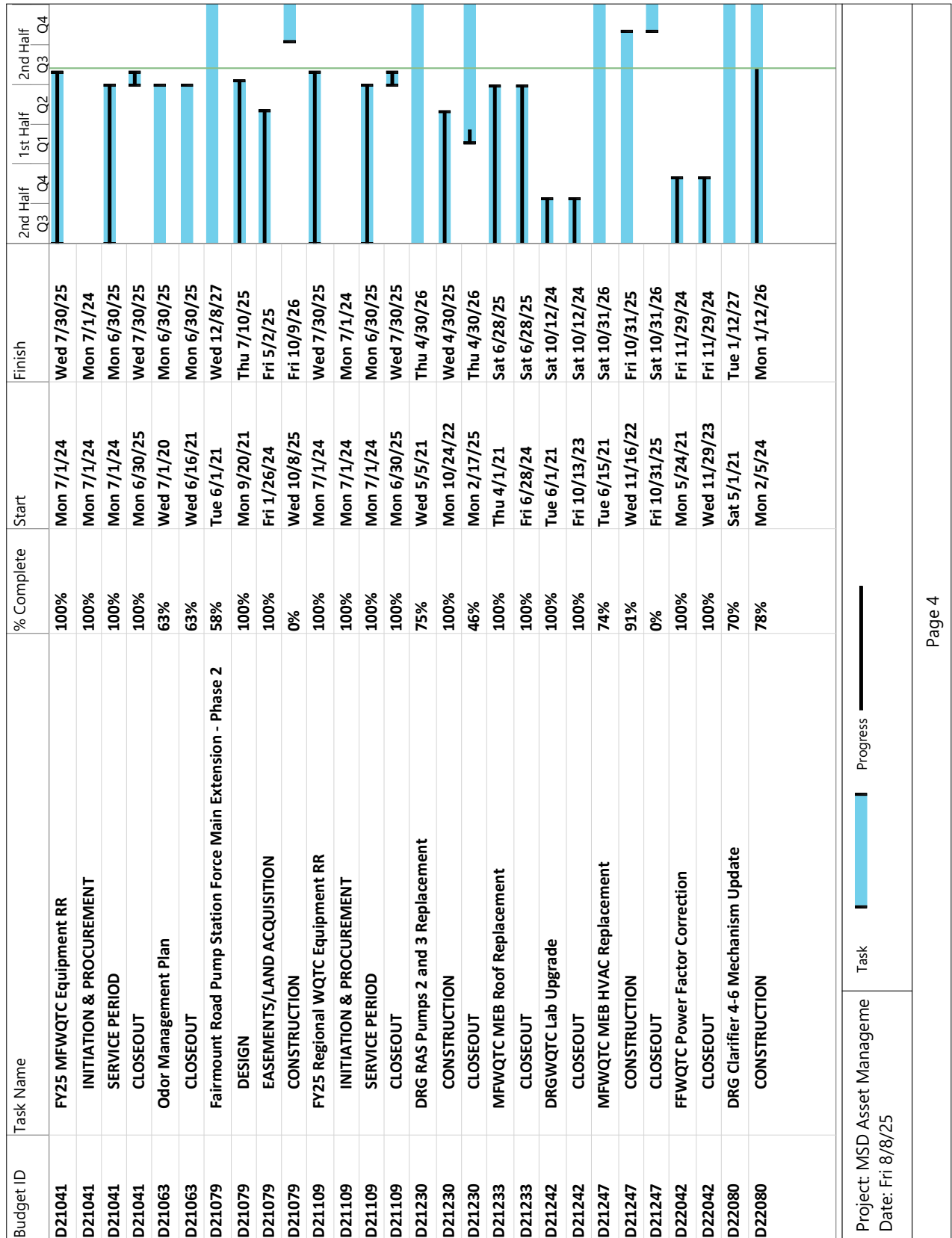


Figure 7.1. Asset Management Schedule

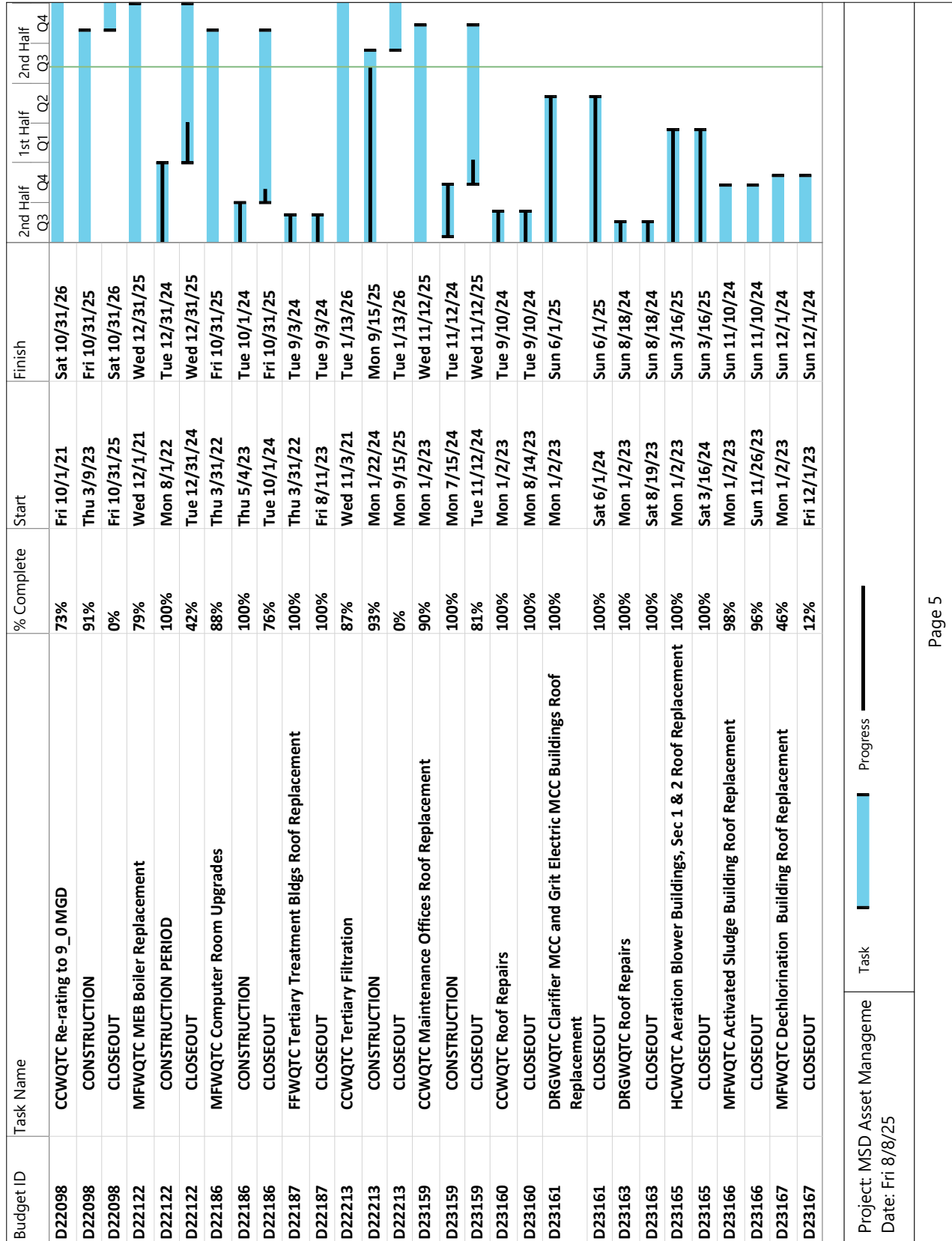


Figure 7.1. Asset Management Schedule

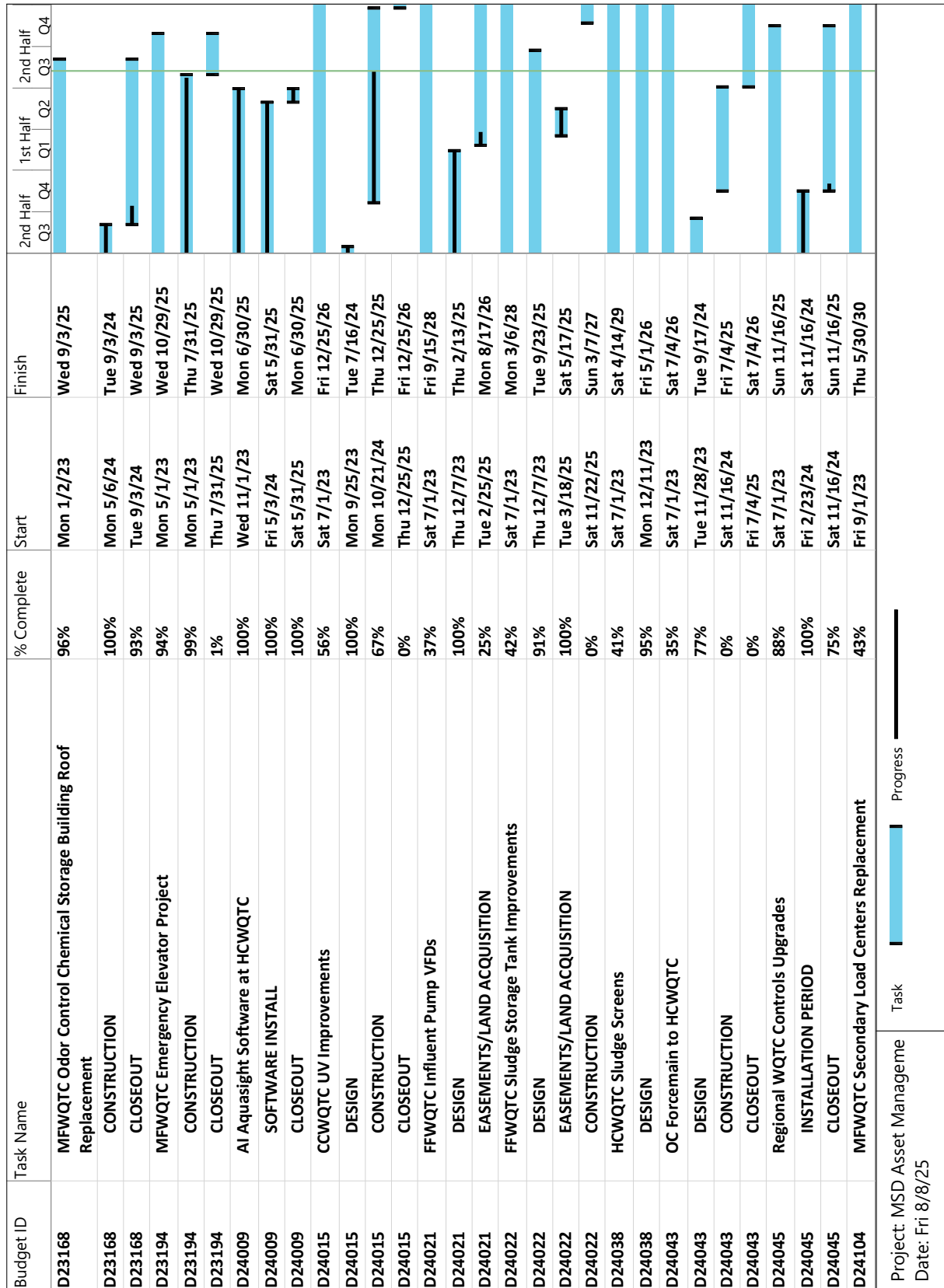


Figure 7.1. Asset Management Schedule

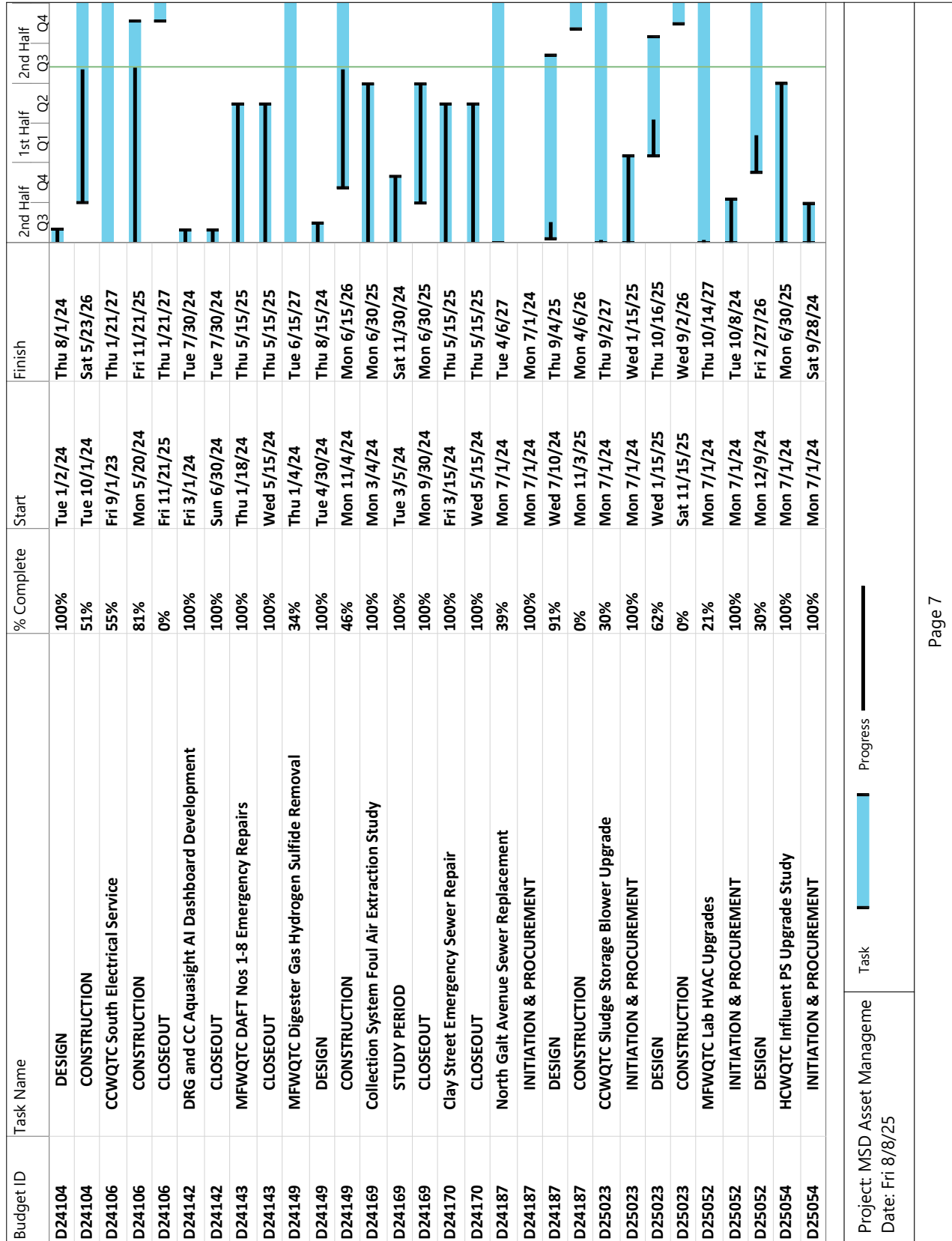


Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish	2nd Half Q3	1st Half Q1	2nd Half Q2	Q3	Q4
D25054	DESIGN (Study Phase)	100%	Sat 9/28/24	Fri 5/30/25					
D25054	CLOSEOUT	100%	Fri 5/30/25	Mon 6/30/25					
D25055	DRGWQTC Raw Water PS Pump Rebuild	32%	Mon 7/1/24	Wed 6/30/27					
D25055	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Wed 9/11/24					
D25055	CONSTRUCTION	46%	Fri 11/1/24	Tue 6/30/26					
D25056	DRGWQTC Process Water Pump Filter System	32%	Mon 7/1/24	Tue 10/12/27					
D25056	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Wed 3/26/25					
D25056	DESIGN	81%	Thu 5/15/25	Wed 8/27/25					
D25056	CONSTRUCTION	0%	Sun 10/12/25	Mon 10/12/26					
D25229	Bells Lane Wet Weather Treatment Facility Peracetic Acid Chemical Feed System Rehabilitation	30%	Mon 7/1/24	Mon 3/29/27					
D25229	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Wed 8/14/24					
D25229	DESIGN	100%	Wed 8/14/24	Thu 3/27/25					
D25229	CONSTRUCTION	20%	Mon 6/2/25	Sun 3/29/26					
D25279	FFWQTC Orbital Upgrades	83%	Thu 2/13/25	Sat 9/13/25					
D25279	INITIATION & PROCUREMENT	100%	Thu 2/13/25	Wed 4/16/25					
D25279	Emergency	100%	Mon 2/17/25	Mon 2/17/25					
D25279	CONSTRUCTION	100%	Mon 2/17/25	Wed 7/30/25					
D25279	CLOSEOUT	16%	Wed 7/30/25	Sat 9/13/25					
D26021	FY26 Vertical Infrastructure Rehab - MFWQTC	8%	Tue 7/1/25	Thu 7/30/26					
D26021	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25					
D26021	SERVICE PERIOD	8%	Tue 7/1/25	Tue 6/30/26					
D26029	FY26 Vertical Infrastructure Rehab - Regional WQTC	8%	Tue 7/1/25	Thu 7/30/26					
D26029	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25					
D26029	SERVICE PERIOD	8%	Tue 7/1/25	Tue 6/30/26					
D26053	FY26_27 Regional WQTC Controls Upgrades	8%	Tue 7/1/25	Thu 7/30/26					
D26053	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25					
D26053	SERVICE PERIOD	8%	Tue 7/1/25	Tue 6/30/26					
E15035	Lake Forest Pump Station Eliminations	83%	Mon 7/5/21	Wed 8/12/26					
E15035	CONSTRUCTION	100%	Fri 2/9/24	Fri 6/13/25					
E15035	CLOSEOUT	12%	Fri 6/13/25	Wed 8/12/26					

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Task
Progress

Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish	2nd Half Q3	1st Half Q1	2nd Half Q2	Q3	Q4
E21022	FY24 PS Replacement, Overhaul or Elimination	100%	Sat 7/1/23	Tue 7/30/24					
E21022	CLOSEOUT	100%	Sun 6/30/24	Tue 7/30/24					
E21026	FY25 Linear Assets RR	100%	Mon 7/1/24	Wed 7/30/25					
E21026	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24					
E21026	SERVICE PERIOD	100%	Mon 7/1/24	Mon 6/30/25					
E21026	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25					
E21027	FY25 CMOM Gravity Line Cleaning & Inspection	100%	Mon 7/1/24	Wed 7/30/25					
E21027	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24					
E21027	SERVICE PERIOD	100%	Mon 7/1/24	Mon 6/30/25					
E21027	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	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24					
E21028	SERVICE PERIOD	100%	Mon 7/1/24	Mon 6/30/25					
E21028	CLOSEOUT	100%	Sun 6/15/25	Wed 7/30/25					
E21029	FY25 Linear Infrastructure Rehabilitation Program	100%	Mon 7/1/24	Wed 7/30/25					
E21029	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24					
E21029	SERVICE PERIOD	100%	Mon 7/1/24	Mon 6/30/25					
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	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24					
E21031	SERVICE PERIOD	100%	Mon 7/1/24	Mon 6/30/25					
E21031	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25					
E21052	FY25 PS Replacement, Overhaul or Elimination	100%	Mon 7/1/24	Wed 7/30/25					
E21052	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24					
E21052	SERVICE PERIOD	100%	Mon 7/1/24	Mon 6/30/25					
E21052	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25					
E21062	Modesto Pump Station Elimination	100%	Thu 6/3/21	Thu 8/29/24					
E21062	CLOSEOUT	100%	Wed 5/31/23	Thu 8/29/24					
E21070	Rosa Terrace PS Elimination	100%	Wed 7/1/20	Tue 10/22/24					
E21070	CLOSEOUT	100%	Sun 7/23/23	Tue 10/22/24					

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Task  Progress 

Figure 7.1. Asset Management Schedule

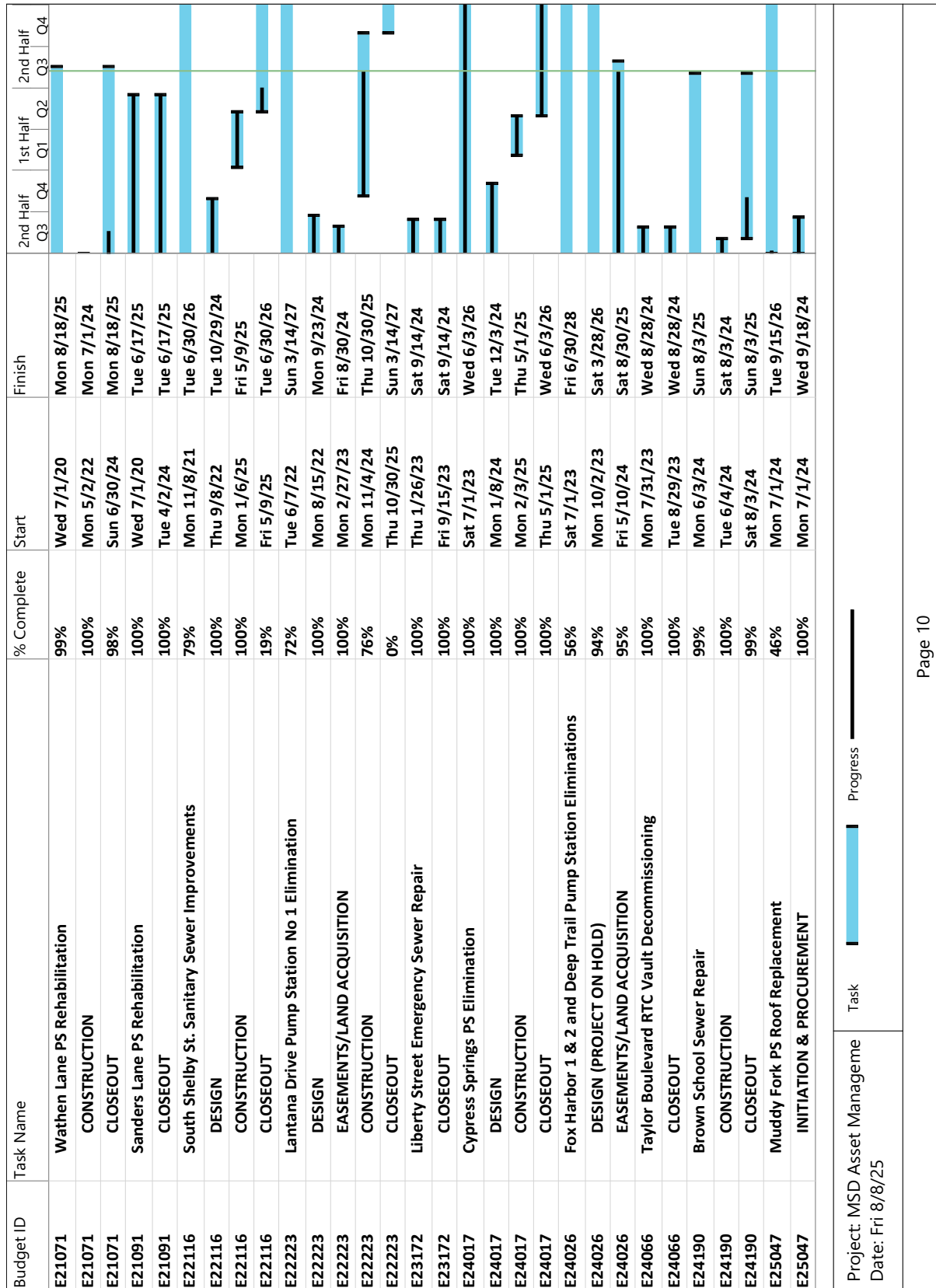


Figure 7.1. Asset Management Schedule

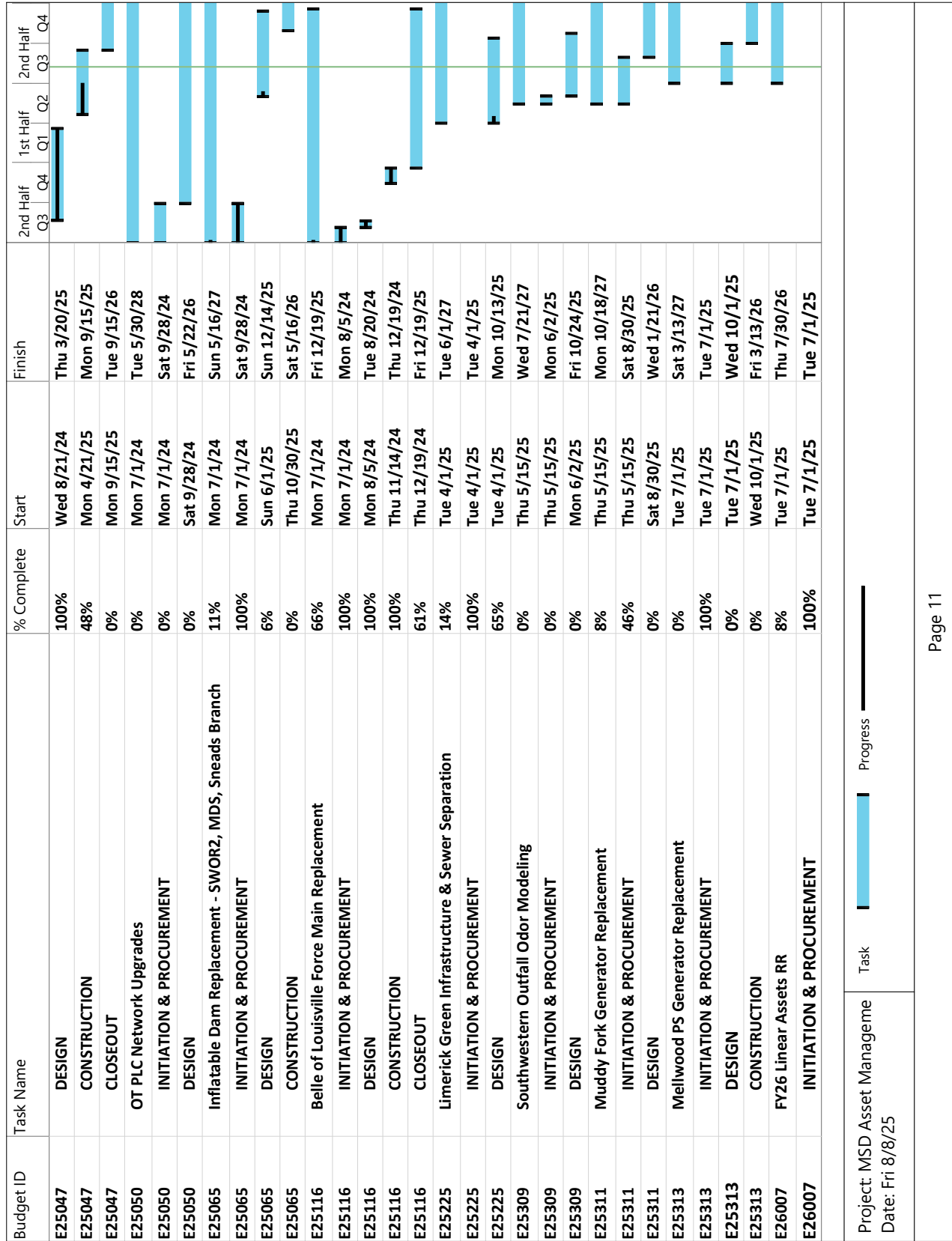


Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish	2nd Half Q3	Q4	1st Half Q1	Q2	2nd Half Q3	Q4
E26007	SERVICE PERIOD	8%	Tue 7/1/25	Tue 6/30/26						
E26010	FY26 Linear Infrastructure Rehab	8%	Tue 7/1/25	Thu 7/30/26						
E26010	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25						
E26010	SERVICE PERIOD	8%	Tue 7/1/25	Tue 6/30/26						
E26028	FY26 Vertical Infrastructure Rehab - Collections	8%	Tue 7/1/25	Thu 7/30/26						
E26028	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25						
E26028	SERVICE PERIOD	8%	Tue 7/1/25	Tue 6/30/26						
E26055	Goose Creek PS & West Goose Creek PS FM Valve and ARV Rehab	2%	Tue 7/1/25	Mon 6/24/30						
E26055	INITIATION & PROCUREMENT	20%	Tue 7/1/25	Fri 11/28/25						
E26055	DESIGN	0%	Fri 11/28/25	Mon 4/26/27						
E26060	Barbour Ln PS Improvements	0%	Tue 7/1/25	Tue 12/31/30						
E26060	INITIATION & PROCUREMENT	6%	Tue 7/1/25	Tue 12/30/25						
E26060	DESIGN	0%	Tue 12/30/25	Fri 5/28/27						
F15010	Gate 102 Replacement	92%	Fri 1/8/16	Thu 12/18/25						
F15010	CLOSEOUT	82%	Sun 11/19/23	Thu 12/18/25						
F22210	Gate 30 Replacement	100%	Fri 7/1/22	Fri 2/28/25						
F22210	CLOSEOUT	100%	Tue 1/30/24	Fri 2/28/25						
F23052	Flood Gate 114 Replacement	59%	Mon 10/3/22	Tue 3/2/27						
F23052	DESIGN	100%	Fri 6/30/23	Tue 8/27/24						
F23052	CONSTRUCTION	49%	Mon 1/6/25	Mon 3/2/26						
F24062	Starkey PS Hydraulic Actuator Replacement	77%	Sat 7/15/23	Sat 2/28/26						
F24062	CONSTRUCTION	100%	Tue 1/2/24	Fri 2/28/25						
F24062	CLOSEOUT	46%	Fri 2/28/25	Sat 2/28/26						
F24136	Southwestern Basin Emergency Cleaning	100%	Thu 1/4/24	Thu 5/29/25						
F24136	CLOSEOUT	100%	Wed 5/29/24	Thu 5/29/25						
G24001	FY24 Renewal & Replacement_Wastewater	100%	Sat 7/1/23	Tue 7/30/24						
G24001	CLOSEOUT	100%	Sun 6/30/24	Tue 7/30/24						
G25001	FY25 Renewal and Replacement	100%	Mon 7/1/24	Wed 7/30/25						
G25001	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24						
G25001	SERVICE PERIOD	100%	Mon 7/1/24	Mon 6/30/25						

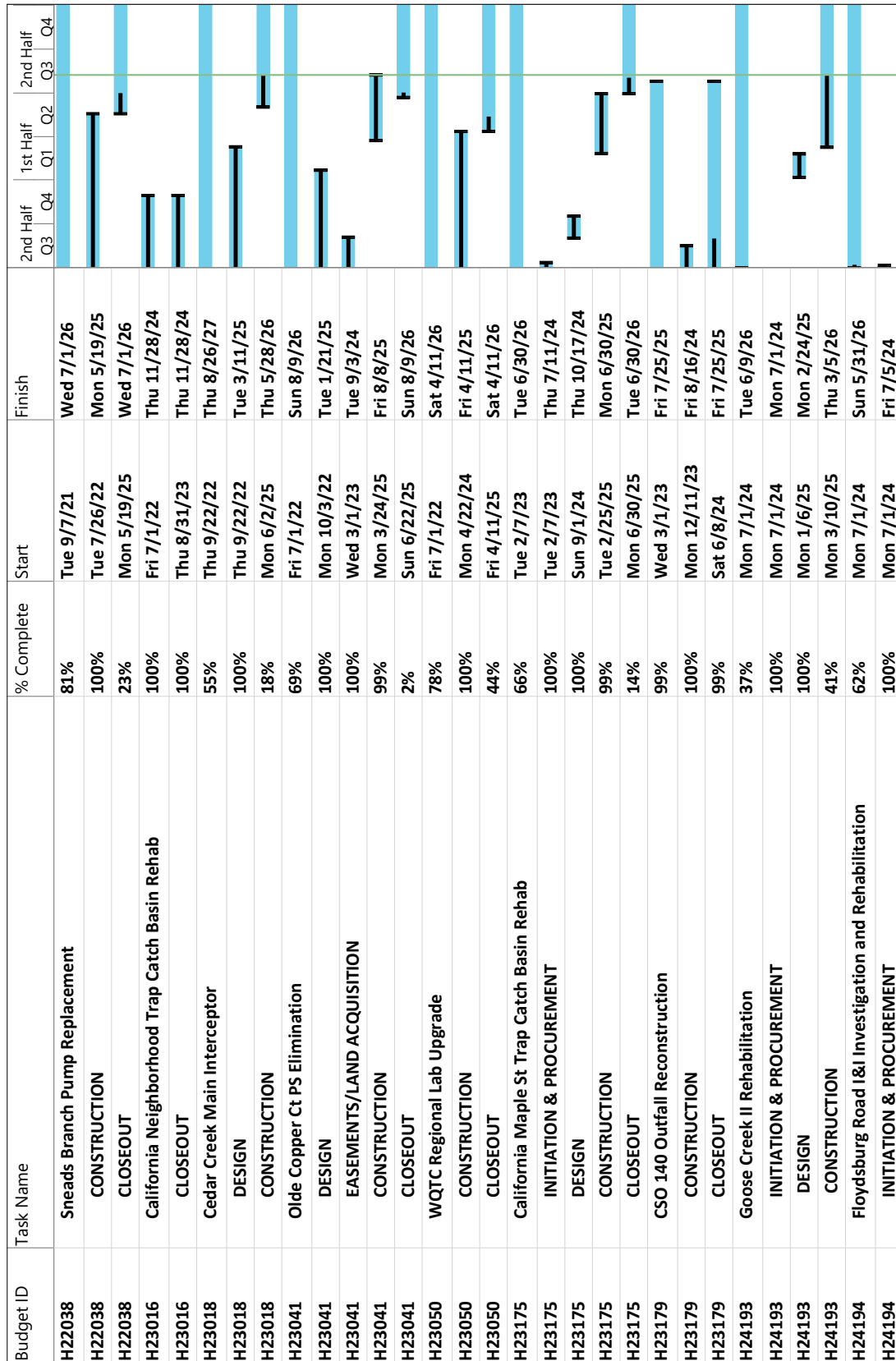
Project: MSD Asset Manageme Task Progress

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Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish	2nd Half Q3	1st Half Q1	2nd Half Q2	2nd Half Q3	2nd Half Q4
G25001	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25					
G26030	FY26 Renewal & Replacement	8%	Tue 7/1/25	Thu 7/30/26					
G26030	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25					
G26030	SERVICE PERIOD	8%	Tue 7/1/25	Tue 6/30/26					
H14126	HCWQTC Expansion	100%	Mon 11/2/15	Sun 7/21/24					
H14126	CLOSEOUT	100%	Wed 9/15/21	Sun 7/21/24					
H18168	Comprehensive Facility Plan - Five-Year Update	33%	Mon 12/2/24	Thu 12/31/26					
H18168	INITIATION & PROCUREMENT	33%	Mon 12/2/24	Thu 12/31/26					
H20021	Admiral Rd Storage	46%	Fri 4/1/22	Thu 11/1/29					
H20021	DESIGN	79%	Sun 7/3/22	Sat 7/4/26					
H20053	FY24 CMOM Infrastructure Rehabilitation Program	100%	Sat 7/1/23	Tue 7/30/24					
H20053	CLOSEOUT	100%	Sun 6/30/24	Tue 7/30/24					
H20065	FY24 CMOM Gravity Line Cleaning & Inspection	100%	Sat 7/1/23	Tue 7/30/24					
H20065	CLOSEOUT	100%	Sun 6/30/24	Tue 7/30/24					
H20113	FY24 CMOM SCAP, AAM, FOG	100%	Sat 7/1/23	Tue 7/30/24					
H20113	CLOSEOUT	100%	Sun 6/30/24	Tue 7/30/24					
H21051	FY25 Plumbing Modification Program	100%	Mon 7/1/24	Wed 7/30/25					
H21051	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24					
H21051	SERVICE PERIOD	100%	Mon 7/1/24	Mon 6/30/25					
H21051	CLOSEOUT	100%	Mon 6/30/25	Wed 7/30/25					
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	Mon 3/31/25					
H22018	CLOSEOUT	100%	Sun 3/31/24	Mon 3/31/25					
H22022	SGC Gate Replacements	90%	Thu 7/1/21	Tue 1/27/26					
H22022	CONSTRUCTION	99%	Thu 7/8/21	Fri 2/28/25					
H22022	CLOSEOUT	70%	Thu 10/31/24	Tue 1/27/26					
H22032	DRGWQTC Sodium Bisulfite Bldg Improvements	76%	Thu 7/1/21	Sun 8/30/26					
H22032	CONSTRUCTION	100%	Wed 5/24/23	Wed 7/30/25					
H22032	CLOSEOUT	7%	Wed 7/30/25	Sun 8/30/26					
Project: MSD Asset Management Date: Fri 8/8/25		Task Progress							

Figure 7.1. Asset Management Schedule



Project: MSD Asset Manage Date: Fri 8/8/25

Task Progress

Figure 7.1. Asset Management Schedule

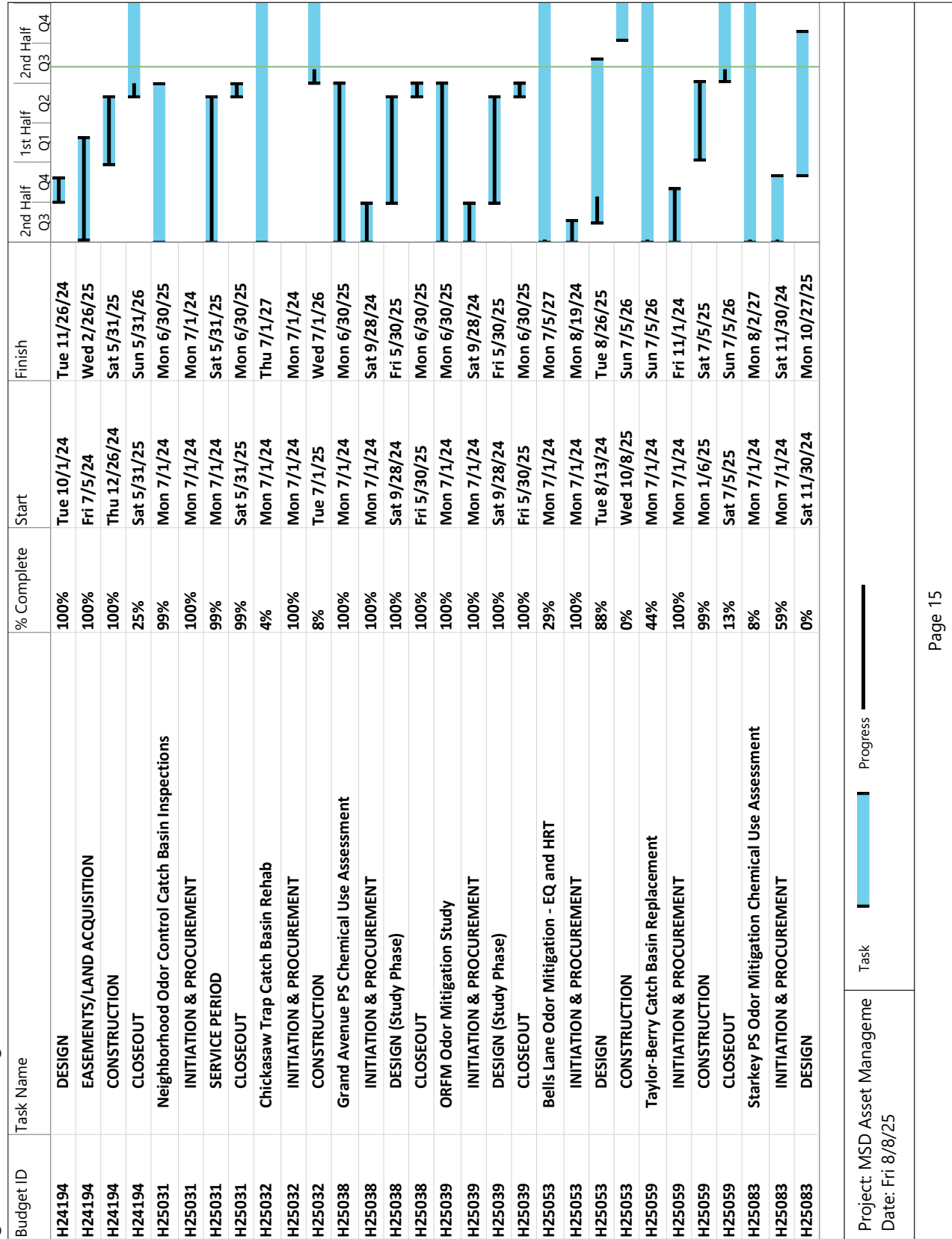


Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish	2nd Half							
					Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
H25083	CONSTRUCTION	0%	Fri 12/26/25	Sun 8/2/26								
H25227	E. Market St Catch Basin Replacement	60%	Tue 10/1/24	Wed 2/11/26								
H25227	INITIATION & PROCUREMENT	100%	Tue 10/1/24	Tue 10/1/24								
H25227	DESIGN	100%	Tue 10/1/24	Fri 11/8/24								
H25227	CONSTRUCTION	100%	Wed 11/13/24	Sun 1/12/25								
H25227	CLOSEOUT	51%	Sun 1/12/25	Wed 2/11/26								
H25241	W Main St Catch Basin Replacement	40%	Fri 11/1/24	Tue 6/30/26								
H25241	INITIATION & PROCUREMENT	100%	Fri 11/1/24	Fri 11/1/24								
H25241	DESIGN	100%	Fri 11/1/24	Wed 11/20/24								
H25241	CONSTRUCTION	100%	Tue 2/18/25	Mon 6/30/25								
H25241	CLOSEOUT	17%	Mon 6/30/25	Tue 6/30/26								
H25277	Chicksaw Trap Catch Basin Replacement Phase 1	7%	Wed 6/18/25	Tue 12/31/30								
H25277	CONSTRUCTION	22%	Wed 6/18/25	Wed 12/31/25								
H25277	CLOSEOUT	0%	Wed 12/31/25	Tue 12/31/30								
H26027	FY26 Plumbing Modification Program	8%	Tue 7/1/25	Thu 7/30/26								
H26027	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25								
H26027	SERVICE PERIOD	8%	Tue 7/1/25	Tue 6/30/26								
H26059	FY26 Private Property Illicit Discharge Program	8%	Tue 7/1/25	Thu 7/30/26								
H26059	INITIATION & PROCUREMENT	100%	Tue 7/1/25	Tue 7/1/25								
H26059	SERVICE PERIOD	8%	Tue 7/1/25	Tue 6/30/26								
H26061	Overflow Sampling and Monitoring Equipment Replacement	0%	Tue 7/1/25	Tue 12/31/30								
H26061	INITIATION & PROCUREMENT	0%	Tue 7/1/25	Tue 12/30/25								
H26061	DESIGN	0%	Tue 12/30/25	Fri 5/28/27								

Task Progress

Task

Project: MSD Asset Management
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APPENDIX A

AUTHORIZED DISCHARGES - WET WEATHER CSOs

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SECOND AMENDED CONSENT DECREE
ANNUAL REPORT FY25
JULY 1, 2024 - JUNE 30, 2025



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	7/3/2024 19:30	7/4/2024 16:15	1245	2	58,574,457	0.91	3	Atlas		116,797,467	1
	7/9/2024 22:00	7/10/2024 7:15	555	1	23,039,235	0.44	1	Atlas		23,546,098	1
	7/31/2024 15:00	7/31/2024 21:00	360	1	31,692,392	0.78	1	Atlas		36,699,789	1
	8/1/2024 17:00	8/1/2024 20:15	195	1	14,331,124	0.46	1	Atlas		7,939,442	1
	9/13/2024 6:15	9/13/2024 12:15	360	1	20,566,012	0.73	6	Atlas		28,463,360	1
	9/24/2024 5:15	9/24/2024 19:30	855	1	62,403,075	0.25	12	Atlas		39,251,534	1
	9/27/2024 6:45	9/29/2024 11:15	3150	4	71,122,802	2.53	48	Cloudburst		272,827,067	1
	9/29/2024 19:45	9/29/2024 21:15	90	0	186,776,600	0.02	1	Atlas		2,801,649	1
	11/6/2024 6:45	11/6/2024 19:00	735	1	14,233,724	0.5	6	Atlas		13,066,558	1
	11/10/2024 6:30	11/11/2024 2:30	1200	2	57,726,755	1.47	6	Cloudburst		133,752,891	1
	11/13/2024 19:00	11/16/2024 1:30	3270	3	135,695,711	2.44	12	Cloudburst		369,635,118	1
	11/19/2024 3:15	11/19/2024 15:30	735	1	59,672,111					45,828,181	1
	12/16/2024 13:45	12/16/2024 20:30	405	1	30,689,012	0.36	12	Atlas		23,968,118	1
	12/18/2024 7:00	12/18/2024 23:30	990	1	63,091,632	0.37	6	Atlas		47,949,640	1
	12/28/2024 23:15	12/29/2024 19:30	1215	1	86,615,007	0.53	6	Atlas		86,528,392	1
	12/30/2024 4:15	12/30/2024 4:30	15	0	1,091,564	0.02	1	Atlas		18,557	1
	1/18/2025 4:15	1/18/2025 18:15	840	0	2,296,563,582	0.16	6	Atlas		714,231,274	1
	1/30/2025 18:45	1/31/2025 21:45	1620	1	41,506,518	0.57	12	Atlas		57,029,956	1
	2/1/2025 5:45	2/1/2025 6:15	30	0	41,558,747	0.01	1	Atlas		540,264	1
	2/5/2025 18:15	2/6/2025 22:30	1695	1	54,724,790	0.49	24	Atlas		69,774,107	1
CSO015 Total	2/8/2025 11:15	2/9/2025 0:30	795	0	21,816,129	0.13	24	Atlas		7,395,668	1
	2/15/2025 10:45	2/16/2025 7:45	1260	3	25,752,902	1.75	24	Cloudburst		79,782,490	1
	3/15/2025 14:00	3/17/2025 10:15	2655	2	108,871,845	0.94	12	Atlas		251,493,962	1
	3/23/2025 20:15	3/23/2025 21:15	60	1	11,513,600	0.33	3	Atlas		7,944,384	1
	3/30/2025 21:30	3/31/2025 12:00	870	1	48,359,309	0.57	3	Atlas		41,685,725	1
	4/24/2025 17:30	4/25/2025 0:00	390	1	42,635,310	0.33	3	Atlas		28,054,034	1
	4/25/2025 14:00	4/25/2025 21:00	420	0	10,326,642	0.19	6	Atlas		4,388,823	1
	5/4/2025 15:30	5/5/2025 0:15	525	1	6,322,692	0.37	48	Atlas		7,625,166	1
										2,519,019,714	28
	7/3/2024 19:30	7/5/2024 14:30	2580	2	20,725,432	0.91	1	Atlas		39,979,359	1
	7/9/2024 10:45	7/10/2024 17:15	1830	1	15,682,963	0.53	1	Atlas		18,521,580	1
	7/13/2024 20:45	7/13/2024 21:15	30	0	8,441	0.05	1	Atlas		481	1
	7/22/2024 19:30	7/23/2024 0:45	315	0	19,555,426	0.2	1	Atlas		4,517,303	1
	7/28/2024 14:45	7/28/2024 15:15	30	1	745	0.35	24	Atlas		693	1
	7/29/2024 6:30	7/29/2024 11:15	285	1	4,924,083	0.35	24	Atlas		4,574,473	1
	7/31/2024 15:00	8/1/2024 1:00	600	1	13,179,734	0.76	1	Atlas		14,207,753	1
	8/1/2024 16:30	8/2/2024 15:15	1365	0	67,549,203	0.24	1	Atlas		20,805,154	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
	8/16/2024 9:15	8/16/2024 13:00	225	0	20,954,459	0.13	1	Atlas		3,122,214	1
	9/13/2024 6:00	9/13/2024 19:00	780	1	16,564,277	0.74	6	Atlas		23,322,502	1
	9/24/2024 3:45	9/25/2024 4:45	1500	1	34,655,694	0.27	12	Atlas		22,006,366	1
	9/27/2024 1:30	9/29/2024 14:15	3645	4	33,798,237	2.36	48	Cloudburst		128,162,913	1
	10/31/2024 14:00	10/31/2024 19:15	315	0	7,075,394	0.26	3	Atlas		3,261,757	1
	11/6/2024 3:45	11/6/2024 21:15	1050	1	33,788,048	0.51	6	Atlas		31,760,765	1
	11/10/2024 5:45	11/11/2024 7:00	1515	2	22,503,467	1.36	6	Cloudburst		51,532,941	1
	11/13/2024 19:00	11/16/2024 4:00	3420	2	34,527,572	1.53	12	Cloudburst		83,763,889	1
	11/19/2024 3:30	11/20/2024 5:45	1575	1	44,290,011	0.49	1	Atlas		31,711,648	1
	11/28/2024 1:45	11/28/2024 11:15	570	0	19,827,383	0.14	6	Atlas		5,829,251	1
	12/9/2024 0:45	12/10/2024 8:45	1920	1	45,851,479	0.27	6	Atlas		23,475,957	1
	12/15/2024 2:00	12/21/2024 5:45	8865	0	445,306,492	0.22	12	Atlas		215,083,036	1
	12/27/2024 11:15	12/28/2024 0:30	795	0	47,131,428	0.2	3	Atlas		14,375,086	1
	12/28/2024 23:00	1/1/2025 5:15	4695	1	123,017,649	0.54	6	Atlas		123,386,701	1
	1/18/2025 3:30	1/19/2025 6:15	1605	0	61,029,199	0.17	6	Atlas		19,468,314	1
	1/30/2025 17:30	2/1/2025 2:15	1965	1	40,652,831	0.58	12	Atlas		56,222,866	1
	2/5/2025 17:15	2/6/2025 23:15	1800	1	25,230,763	0.46	12	Atlas		29,822,762	1
	2/8/2025 11:45	2/8/2025 13:45	120	0	204,129	0.13	24	Atlas		70,220	1
	2/11/2025 19:15	2/12/2025 1:00	345	1	41,278	0.19	3	Atlas		20,557	1
	2/15/2025 9:45	2/18/2025 0:30	3765	3	22,584,322	1.69	24	Cloudburst		69,153,193	1
	3/5/2025 2:00	3/5/2025 16:00	840	1	5,167,861	0.26	12	Atlas		3,359,110	1
	3/15/2025 8:45	3/16/2025 22:45	2280	2	14,712,606	0.94	12	Atlas		34,618,763	1
	3/19/2025 22:30	3/20/2025 4:15	345	0	14,285,284	0.25	1	Atlas		4,228,444	1
	3/23/2025 17:45	3/24/2025 4:00	615	1	8,898,577	0.29	3	Atlas		5,472,625	1
	3/30/2025 4:00	3/30/2025 6:45	165	0	2,859,452	0.21	1	Atlas		763,474	1
	3/30/2025 21:30	3/31/2025 12:45	915	1	18,249,733	0.63	3	Atlas		17,720,491	1
	4/2/2025 23:45	4/4/2025 17:45	2520	5	19,728,176	6.62	48	Atlas		94,517,692	1
	4/5/2025 3:00	4/6/2025 1:00	1320	2	5,240,930	0.83	24	Atlas		12,934,615	1
	4/24/2025 15:45	4/25/2025 23:45	1920	1	20,201,949	0.43	3	Atlas		16,686,810	1
	5/4/2025 13:45	5/4/2025 19:15	330	1	250,796	0.36	48	Atlas		299,701	1
	5/20/2025 6:45	5/20/2025 11:45	300	1	4,159,530	0.26	3	Atlas		2,425,006	1
CSO016 Total										1,231,186,463	39
CSO018	11/14/2024 9:45	11/14/2024 18:15	510	3	12,451	2.12	24	Cloudburst		38,909	1
	2/16/2025 0:00	2/17/2025 11:15	2115	3	85,662	1.6	12	Cloudburst		260,926	1
CSO018 Total										299,835	2
CSO019	7/3/2024 19:15	7/4/2024 2:15	420	1	2,062,906	0.55	3	Atlas		2,832,370	1
	7/9/2024 9:45	7/9/2024 16:15	390	1	2,370,718	0.92	1	Atlas		2,515,332	1

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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
	7/31/2024 14:45	7/31/2024 19:30	285	1	5,098,330	2.38	1	Atlas		7,601,610	1
	8/1/2024 16:15	8/1/2024 21:45	330	1	4,000,160	0.83	1	Atlas		3,916,157	1
	9/13/2024 6:00	9/13/2024 17:15	675	2	1,357,906	0.8	6	Atlas		2,119,691	1
	11/10/2024 7:00	11/10/2024 21:15	855	2	2,614,383	0.94	6	Atlas		5,307,198	1
	11/13/2024 19:15	11/14/2024 10:15	900	2	17,212,900	0.85	12	Atlas		32,256,975	1
	12/29/2024 2:45	12/29/2024 10:30	465	1	50,208	0.6	6	Atlas		56,183	1
	2/15/2025 20:15	2/16/2025 19:30	1395	3	4,617,132	1.44	12	Cloudburst		13,597,453	1
	3/15/2025 18:45	3/16/2025 9:00	855	3	827,045	0.94	24	Atlas		2,068,439	1
	3/30/2025 21:15	3/31/2025 7:30	615	1	482,877	0.53	3	Atlas		382,438	1
	4/2/2025 23:30	4/3/2025 12:45	795	4	1,032,906	3.07	48	Atlas		4,131,625	1
	4/3/2025 21:45	4/7/2025 10:45	5100	4	56,872,917	3.07	48	Atlas		227,491,666	1
	5/8/2025 14:30	5/9/2025 2:45	735	1	6,574,820	0.47	1	Atlas		3,675,325	1
CSO019 Total										307,952,462	14
CSO020	7/3/2024 20:15	7/3/2024 23:00	165	1	213,673	0.79	1	Atlas		258,972	1
	7/4/2024 14:00	7/4/2024 16:00	120	0	211,257	0.31	1	Atlas		76,898	1
	7/9/2024 22:30	7/10/2024 0:30	120	0	409,845	0.32	1	Atlas		196,725	1
	7/31/2024 15:45	7/31/2024 17:30	105	1	396,466	0.83	1	Atlas		478,931	1
	8/1/2024 17:15	8/1/2024 19:30	135	1	833,425	0.63	1	Atlas		637,570	1
	8/2/2024 7:15	8/2/2024 8:45	90	0	244,297	0.36	1	Atlas		102,605	1
	9/13/2024 6:45	9/13/2024 12:15	330	2	193,629	0.79	6	Atlas		290,056	1
	9/27/2024 13:45	9/27/2024 19:30	345	3	93,407	1.22	48	Cloudburst		299,836	1
	9/28/2024 3:30	9/28/2024 22:00	1110	3	3,256,186	1.22	48	Cloudburst		10,452,356	1
	11/13/2024 19:00	11/14/2024 22:45	1665	3	4,894,106	1.74	12	Cloudburst		12,597,428	1
	11/19/2024 3:15	11/19/2024 3:45	30	1	8,549	0.52	1	Atlas		6,720	1
	12/16/2024 14:15	12/16/2024 15:30	75	1	33,613	0.36	12	Atlas		26,386	1
	12/29/2024 2:15	12/29/2024 3:30	75	1	34,844	0.56	6	Atlas		37,283	1
	3/15/2025 15:15	3/16/2025 1:45	630	2	596,833	0.87	12	Atlas		1,231,864	1
	3/23/2025 18:30	3/23/2025 21:15	165	1	37,731	0.28	3	Atlas		22,374	1
	3/30/2025 22:00	3/31/2025 1:15	195	1	225,172	0.47	3	Atlas		177,436	1
	4/3/2025 0:30	4/3/2025 3:30	180	7	53,810	4.69	48	Atlas		367,630	1
	4/4/2025 10:45	4/7/2025 10:45	4320	7	56,374,191	4.69	48	Atlas		385,148,472	1
CSO020 Total										412,409,543	18
CSO022	7/3/2024 20:15	7/3/2024 21:00	45	1	1,024,352	0.87	1	Atlas		1,344,974	1
	7/4/2024 13:45	7/4/2024 14:00	15	0	971,244	0.31	1	Atlas		358,389	1
	7/9/2024 22:30	7/9/2024 22:45	15	1	459,242	0.38	3	Atlas		365,556	1
	7/22/2024 19:30	7/22/2024 20:00	30	1	1,200,684	0.5	1	Atlas		691,594	1
	7/31/2024 15:45	7/31/2024 16:45	60	1	1,268,776	0.88	1	Atlas		1,621,496	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
	8/1/2024 17:15	8/1/2024 17:45	30	1	1,001,772	0.68	1	Atlas		816,444	1
	9/13/2024 6:30	9/13/2024 7:30	60	2	912,152	0.82	6	Atlas		1,457,618	1
	11/10/2024 6:15	11/10/2024 9:30	195	2	866,717	1.33	12	Cloudburst		1,998,650	1
	11/13/2024 19:00	11/13/2024 20:45	105	3	770,424	1.74	12	Cloudburst		1,974,596	1
	11/19/2024 3:15	11/19/2024 3:45	30	1	1,033,786	0.49	1	Atlas		752,596	1
	3/30/2025 22:00	3/30/2025 22:30	30	1	872,315	0.53	3	Atlas		717,043	1
	4/3/2025 0:30	4/3/2025 1:00	30	7	115,225	5.85	48	Atlas		820,514	1
	4/3/2025 23:00	4/4/2025 5:45	405	7	263,596	5.85	48	Atlas		1,877,070	1
	4/4/2025 14:00	4/4/2025 14:30	30	7	95,387	5.85	48	Atlas		679,254	1
	4/24/2025 18:45	4/24/2025 19:00	15	1	502,960	0.37	3	Atlas		346,539	1
CSO022 Total										15,822,336	15
CSO023	11/10/2024 7:45	11/10/2024 9:30	105	2	376,477	1.33	12	Cloudburst		868,155	1
	11/13/2024 20:30	11/13/2024 21:00	30	3	246,071	1.74	12	Cloudburst		630,679	1
	2/15/2025 20:30	2/16/2025 1:30	300	3	621,370	1.63	24	Cloudburst		1,884,615	1
	4/3/2025 19:30	4/4/2025 6:00	630	7	201,869	5.85	48	Atlas		1,437,510	1
CSO023 Total										4,820,960	4
CSO027	7/3/2024 19:30	7/3/2024 20:00	30	1	3,360	0.8	1	Atlas		4,156	1
	7/31/2024 15:00	7/31/2024 15:15	15	1	108	0.72	1	Atlas		107	1
	8/1/2024 16:30	8/1/2024 16:45	15	1	1,436	0.71	1	Atlas		1,214	1
	4/2/2025 23:45	4/3/2025 0:00	15	7	487	6.27	48	Atlas		3,551	1
CSO027 Total										9,027	4
CSO028	7/3/2024 19:15	7/3/2024 19:45	30	1	96,812	0.8	1	Atlas		119,757	1
	7/4/2024 12:45	7/4/2024 13:00	15	1	8,297	0.43	1	Atlas		4,157	1
	7/9/2024 21:30	7/9/2024 21:45	15	1	5,667	0.43	3	Atlas		3,842	1
	7/31/2024 14:45	7/31/2024 15:15	30	1	58,085	0.72	1	Atlas		57,562	1
	8/1/2024 16:15	8/1/2024 16:30	15	1	46,455	0.71	1	Atlas		39,255	1
	9/13/2024 6:00	9/13/2024 6:15	15	2	41	0.8	6	Atlas		64	1
	9/24/2024 5:00	9/24/2024 5:15	15	1	2,408	0.33	12	Atlas		1,921	1
	11/13/2024 19:15	11/13/2024 19:30	15	3	10,080	1.86	12	Cloudburst		26,641	1
	11/19/2024 3:15	11/19/2024 3:30	15	1	2,690	0.54	1	Atlas		2,152	1
	3/30/2025 21:00	3/30/2025 21:15	15	1	5,229	0.51	3	Atlas		4,314	1
	4/2/2025 23:30	4/2/2025 23:45	15	7	4,682	6.27	48	Atlas		34,166	1
	4/3/2025 22:00	4/4/2025 4:45	405	7	8,047	6.27	48	Atlas		58,720	1
	4/4/2025 13:00	4/4/2025 13:15	15	7	1,249	6.27	48	Atlas		9,113	1
CSO028 Total										361,664	13
CSO029	7/3/2024 19:15	7/3/2024 19:45	30	1	114,573	0.8	1	Atlas		141,727	1
	7/31/2024 14:45	7/31/2024 15:15	30	1	48,835	0.72	1	Atlas		48,396	1

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	8/1/2024 16:15	8/1/2024 16:30	15	1	38,085	0.71	1	Atlas		32,182	1
	11/13/2024 19:00	11/13/2024 19:30	30	3	11,834	1.86	12	Cloudburst		31,279	1
	11/19/2024 3:15	11/19/2024 3:30	15	1	534	0.54	1	Atlas		427	1
	4/2/2025 23:30	4/2/2025 23:45	15	7	1,675	6.27	48	Atlas		12,219	1
	4/3/2025 22:00	4/3/2025 22:30	30	7	6,444	6.27	48	Atlas		47,023	1
CSO029 Total										313,252	7
CSO031	7/3/2024 19:30	7/3/2024 22:30	180	1	8,643	0.8	1	Atlas		10,692	1
	7/9/2024 10:00	7/9/2024 10:15	15	1	3	0.43	3	Atlas		2	1
	7/31/2024 15:00	7/31/2024 15:15	15	1	625	0.72	1	Atlas		619	1
	8/1/2024 16:30	8/1/2024 16:45	15	1	30	0.71	1	Atlas		25	1
	9/13/2024 5:30	9/13/2024 5:45	15	2	1	0.8	6	Atlas		2	1
	9/24/2024 5:15	9/24/2024 5:30	15	1	55	0.33	12	Atlas		44	1
	11/13/2024 18:45	11/13/2024 19:45	60	3	641	1.86	12	Cloudburst		1,694	1
	11/14/2024 10:15	11/14/2024 10:30	15	3	0	1.86	12	Cloudburst		1	1
	11/21/2024 12:00	11/21/2024 12:15	15	0	61,062					244	1
	2/5/2025 15:15	2/5/2025 16:30	75	1	17	0.46	12	Atlas		20	1
	2/11/2025 6:30	2/11/2025 6:45	15	1	62	0.23	3	Atlas		32	1
	2/11/2025 15:45	2/11/2025 20:45	300	1	89	0.23	3	Atlas		46	1
	2/15/2025 16:45	2/15/2025 17:00	15	3	0	1.92	24	Cloudburst		0	1
	2/16/2025 3:30	2/16/2025 3:45	15	3	3	1.92	24	Cloudburst		8	1
	4/3/2025 22:15	4/3/2025 22:30	15	7	31	6.27	48	Atlas		228	1
	4/6/2025 5:00	4/6/2025 5:15	15	7	1	6.27	48	Atlas		6	1
CSO031 Total										13,665	16
CSO034	7/3/2024 19:15	7/3/2024 19:45	30	1	181,900	0.8	1	Atlas		225,010	1
	7/4/2024 12:45	7/4/2024 13:00	15	1	50,630	0.43	1	Atlas		25,366	1
	7/9/2024 21:30	7/9/2024 21:45	15	1	38,014	0.43	3	Atlas		25,774	1
	7/31/2024 14:45	7/31/2024 15:30	45	1	130,474	0.72	1	Atlas		129,299	1
	8/1/2024 16:15	8/1/2024 16:30	15	1	130,035	0.71	1	Atlas		109,879	1
	9/13/2024 5:30	9/13/2024 6:15	45	2	6,881	0.8	6	Atlas		10,694	1
	9/24/2024 5:00	9/24/2024 5:15	15	1	62,327	0.33	12	Atlas		49,737	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	12,376	0.46	6	Atlas		10,457	1
	11/10/2024 6:15	11/10/2024 9:15	180	2	504	1.3	12	Cloudburst		1,157	1
	11/19/2024 3:00	11/19/2024 3:30	30	1	18,063	0.54	1	Atlas		14,450	1
	3/30/2025 21:00	3/30/2025 21:15	15	1	32,526	0.51	3	Atlas		26,834	1
	4/2/2025 23:30	4/2/2025 23:45	15	7	15,442	6.27	48	Atlas		112,677	1
	4/3/2025 22:00	4/4/2025 4:45	405	7	9,809	6.27	48	Atlas		71,580	1
	4/4/2025 13:00	4/4/2025 13:15	15	7	2,011	6.27	48	Atlas		14,675	1

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	5/20/2025 4:30	5/20/2025 4:45	15	1	2,027	0.38	3	Atlas		1,613	1
CSO034 Total										829,202	15
CSO035	7/3/2024 19:30	7/3/2024 19:45	15	1	89,618	0.76	1	Atlas		105,570	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	1,043	0.5	6	Atlas		948	1
	11/13/2024 19:00	11/13/2024 19:15	15	3	2,163	1.86	12	Cloudburst		5,781	1
	3/23/2025 13:30	3/26/2025 11:30	4200	1	26,892,724	0.29	12	Atlas		17,292,022	1
	4/6/2025 5:30	4/7/2025 4:00	1350	7	810,972	4.97	48	Atlas		5,727,084	1
	4/21/2025 5:30	4/30/2025 9:00	13170	0	595,489,956	0.05	3	Atlas		45,257,237	1
CSO035 Total										68,388,641	6
CSO036	7/3/2024 19:30	7/3/2024 19:45	15	1	43,872	0.76	1	Atlas		51,681	1
	7/4/2024 13:00	7/4/2024 13:15	15	0	108,851	0.42	1	Atlas		53,010	1
	7/9/2024 21:45	7/9/2024 22:30	45	1	31,556	0.39	1	Atlas		19,123	1
	7/31/2024 15:00	7/31/2024 15:45	45	1	99,796	0.7	1	Atlas		97,701	1
	8/1/2024 16:30	8/1/2024 17:00	30	1	54,024	0.68	1	Atlas		43,706	1
	9/6/2024 17:15	9/6/2024 17:30	15	0	17,237	0.15	6	Atlas		4,723	1
	9/13/2024 5:45	9/13/2024 6:30	45	2	30,767	0.8	6	Atlas		47,658	1
	9/24/2024 5:15	9/24/2024 5:30	15	1	65,047	0.34	12	Atlas		53,209	1
	11/6/2024 3:15	11/6/2024 3:30	15	1	29,793	0.5	6	Atlas		27,082	1
	11/10/2024 6:30	11/10/2024 9:30	180	2	12,341	1.21	12	Cloudburst		27,890	1
	11/13/2024 19:15	11/13/2024 21:00	105	3	36,988	1.86	12	Cloudburst		104,177	1
	11/19/2024 3:15	11/19/2024 11:15	480	1	125,154	0.55	1	Atlas		102,752	1
	3/30/2025 21:15	3/30/2025 21:30	15	1	166	0.51	3	Atlas		139	1
	4/2/2025 23:45	4/3/2025 0:00	15	7	7,275	4.97	48	Atlas		51,373	1
	4/3/2025 18:45	4/4/2025 5:00	615	7	6,544	4.97	48	Atlas		46,215	1
	4/4/2025 13:15	4/4/2025 13:30	15	7	6,591	4.97	48	Atlas		46,548	1
	4/5/2025 18:00	4/5/2025 18:15	15	7	48	4.97	48	Atlas		337	1
	5/20/2025 4:45	5/20/2025 5:00	15	1	10,889	0.33	3	Atlas		7,906	1
CSO036 Total										785,229	18
CSO038	7/3/2024 19:15	7/3/2024 19:30	15	1	2,118	0.8	1	Atlas		2,620	1
	7/4/2024 12:45	7/4/2024 13:00	15	1	180	0.43	1	Atlas		90	1
	7/31/2024 14:45	7/31/2024 15:15	30	1	13,274	0.72	1	Atlas		13,154	1
	11/13/2024 19:15	11/13/2024 19:30	15	3	411	1.86	12	Cloudburst		1,086	1
	4/4/2025 4:30	4/4/2025 4:45	15	7	29	6.27	48	Atlas		213	1
CSO038 Total										17,163	5
CSO051	7/3/2024 19:00	7/3/2024 19:30	30	1	29,913	0.9	1	Atlas		40,413	1
	8/1/2024 16:00	8/1/2024 16:30	30	1	16,986	0.57	1	Atlas		11,703	1
	11/14/2024 9:45	11/14/2024 15:15	330	2	372,372	1.12	12	Cloudburst		849,008	1

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	2/16/2025 0:30	2/17/2025 12:30	2160	3	7,707,466	1.61	24	Cloudburst		23,361,330	1
	4/3/2025 22:00	4/11/2025 6:45	10605	5	30,824,096	5.92	48	Atlas		144,503,364	1
CSO051 Total										168,765,819	5
CSO054	7/3/2024 20:00	7/3/2024 20:45	45	1	41,562	0.92	1	Atlas		56,940	1
	7/3/2024 15:15	7/3/2024 17:00	105	1	131,829	0.93	1	Atlas		178,629	1
	8/1/2024 17:00	8/1/2024 17:30	30	1	20,350	0.64	1	Atlas		15,567	1
	9/13/2024 5:45	9/13/2024 11:15	330	2	191,303	0.84	6	Atlas		315,268	1
	9/27/2024 7:15	9/27/2024 14:30	435	3	34,110	1.37	48	Cloudburst		112,700	1
	11/10/2024 6:15	11/10/2024 13:45	450	2	354,418	1.21	12	Cloudburst		799,920	1
	11/13/2024 19:15	11/14/2024 5:00	585	2	445,368	1.44	12	Cloudburst		1,081,799	1
	11/19/2024 3:45	11/19/2024 6:30	165	1	85,999	0.47	1	Atlas		61,403	1
	12/2/2024 22:45	12/3/2024 4:30	345	0	1,173,478	0.01	1	Atlas		9,388	1
	12/5/2024 7:15	12/5/2024 12:45	330	0	494,700	0.01	1	Atlas		6,431	1
	12/11/2024 22:00	12/12/2024 9:45	705	0	38,961,667	0	1	Atlas		38,962	1
	12/15/2024 4:45	12/15/2024 7:00	135	0	3,776	0.2	12	Atlas		1,696	1
	12/16/2024 13:30	12/16/2024 15:45	135	1	199,370	0.39	12	Atlas		169,664	1
	12/18/2024 6:30	12/18/2024 11:00	270	1	131,917	0.4	6	Atlas		107,513	1
	1/6/2025 11:15	1/10/2025 12:00	5805	2	1,182,496	0.65	12	Atlas		1,825,773	1
CSO054 Total										4,781,653	15
CSO055	7/3/2024 19:15	7/3/2024 20:45	90	1	355,693	0.92	1	Atlas		487,299	1
	7/9/2024 22:15	7/9/2024 23:00	45	1	135,175	0.43	3	Atlas		90,027	1
	3/5/2025 9:45	3/5/2025 10:00	15	1	1,293	0.24	12	Atlas		788	1
	3/15/2025 12:45	3/16/2025 1:15	750	2	954,252	0.9	12	Atlas		2,076,452	1
	3/23/2025 17:00	3/23/2025 17:15	15	1	6,090	0.28	3	Atlas		3,642	1
	3/30/2025 21:15	3/31/2025 1:00	225	1	468,429	0.57	3	Atlas		408,939	1
	4/2/2025 23:45	4/4/2025 13:30	2265	5	1,418,310	6.34	48	Atlas		6,735,555	1
	4/5/2025 17:15	4/5/2025 18:00	45	2	9,127	0.82	24	Atlas		22,251	1
	4/24/2025 18:00	4/24/2025 18:30	30	1	1,357,234	0.41	3	Atlas		1,062,714	1
	5/8/2025 15:00	5/8/2025 15:15	15	0	77,635	0.28	1	Atlas		26,008	1
	5/20/2025 7:15	5/20/2025 7:30	15	1	38,153	0.33	3	Atlas		27,928	1
CSO055 Total										10,941,601	11
CSO056	7/3/2024 19:30	7/3/2024 20:30	60	1	46,947	0.92	1	Atlas		64,317	1
	7/9/2024 21:45	7/9/2024 22:30	45	1	8,035	0.43	3	Atlas		5,351	1
	7/22/2024 18:45	7/22/2024 19:00	15	0	3,504	0.41	1	Atlas		1,650	1
	11/10/2024 6:30	11/10/2024 10:30	240	2	39,129	1.21	12	Cloudburst		88,315	1
	11/13/2024 19:00	11/14/2024 3:45	525	2	64,271	1.44	12	Cloudburst		156,113	1
	11/19/2024 3:15	11/19/2024 3:45	30	1	19,550	0.47	1	Atlas		13,959	1

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	12/16/2024 14:00	12/16/2024 14:15	15	1	1,638	0.39	12	Atlas		1,394	1
	12/29/2024 2:45	12/29/2024 3:15	30	1	5,849	0.61	6	Atlas		6,663	1
	2/15/2025 18:15	2/16/2025 3:30	555	3	61,549	1.63	24	Cloudburst		186,800	1
	3/15/2025 16:45	3/15/2025 18:15	90	2	3,873	0.9	12	Atlas		8,427	1
CSO056 Total										532,989	10
CSO058	11/13/2024 19:15	11/13/2024 19:30	15	3	11,592	1.86	12	Cloudburst		30,614	1
	3/15/2025 18:15	3/15/2025 18:45	30	2	465,926	0.89	12	Atlas		984,968	1
CSO058 Total										1,015,582	2
CSO062	7/3/2024 19:45	7/3/2024 22:00	135	1	1,518,290	0.79	1	Atlas		1,840,167	1
	7/9/2024 22:30	7/9/2024 22:45	15	0	407,171	0.32	1	Atlas		195,442	1
	7/31/2024 15:15	7/31/2024 16:15	60	1	792,186	0.83	1	Atlas		956,960	1
	8/1/2024 16:45	8/1/2024 17:00	15	1	256,366	0.63	1	Atlas		196,120	1
	9/13/2024 6:15	9/13/2024 11:00	285	2	398,614	0.79	6	Atlas		597,124	1
	9/27/2024 13:15	9/27/2024 13:45	30	3	96,529	1.22	48	Cloudburst		309,858	1
	11/10/2024 6:30	11/10/2024 12:45	375	2	969,745	1.42	12	Cloudburst		2,276,962	1
	11/13/2024 19:30	11/14/2024 11:30	960	3	3,249,764	1.74	12	Cloudburst		8,364,892	1
	11/19/2024 3:30	11/19/2024 4:30	60	1	1,074,835	0.52	1	Atlas		844,820	1
	12/18/2024 7:15	12/18/2024 8:15	60	1	834,121	0.36	6	Atlas		613,079	1
	12/29/2024 1:00	12/29/2024 4:15	195	1	2,508,799	0.56	6	Atlas		2,684,415	1
	1/30/2025 20:30	1/30/2025 21:30	60	1	752,943	0.56	12	Atlas		987,108	1
	3/15/2025 14:45	3/15/2025 21:30	405	2	1,048,868	0.87	12	Atlas		2,164,863	1
	3/30/2025 21:45	3/31/2025 0:00	135	1	987,023	0.47	3	Atlas		777,774	1
	4/3/2025 0:00	4/3/2025 2:15	135	7	257,346	4.69	48	Atlas		1,758,190	1
	4/3/2025 18:45	4/4/2025 4:00	555	7	3,038,936	4.69	48	Atlas		20,762,012	1
	4/24/2025 18:15	4/24/2025 18:30	15	1	89,483	0.29	6	Atlas		55,211	1
CSO062 Total										45,384,996	17
CSO088	7/22/2024 19:00	7/22/2024 19:15	15	1	1,284	0.96	1	Atlas		1,420	1
	4/5/2025 8:30	4/5/2025 8:45	15	2	1,110	0.78	24	Atlas		2,587	1
	4/5/2025 17:00	4/5/2025 18:45	105	2	3,354	0.78	24	Atlas		7,814	1
CSO088 Total										11,821	3
CSO091	7/31/2024 14:30	7/31/2024 15:00	30	1	7,957	0.64	1	Atlas		7,058	1
	8/1/2024 16:00	8/1/2024 16:30	30	1	5,057	0.52	1	Atlas		3,186	1
	8/16/2024 7:45	8/16/2024 8:15	30	0	4,656	0.23	1	Atlas		1,206	1
	9/24/2024 4:45	9/24/2024 5:15	30	1	4,687	0.54	1	Atlas		5,156	1
	11/13/2024 19:00	11/13/2024 19:30	30	3	155	1.6	12	Cloudburst		406	1
	2/5/2025 23:00	2/5/2025 23:15	15	1	5	0.5	12	Atlas		6	1
	3/23/2025 16:45	3/23/2025 17:00	15	1	232	0.4	3	Atlas		184	1
	3/30/2025 20:45	3/30/2025 21:15	30	1	1,218	0.56	3	Atlas		1,223	1

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	4/2/2025 23:15	4/2/2025 23:45	30	4	130	3.93	48	Atlas		554	1
	4/3/2025 22:00	4/4/2025 4:45	405	4	449	3.93	48	Atlas		1,906	1
	4/4/2025 12:45	4/4/2025 13:00	15	4	216	3.93	48	Atlas		919	1
	4/24/2025 13:30	4/24/2025 14:00	30	1	141	0.5	6	Atlas		138	1
	5/20/2025 4:15	5/20/2025 4:45	30	1	2,905	0.38	3	Atlas		2,353	1
CSO091 Total										24,296	13
CSO092	7/3/2024 19:30	7/3/2024 19:45	15	2	365	0.7	1	Atlas		561	1
	7/31/2024 15:00	7/31/2024 15:15	15	1	27	0.64	1	Atlas		24	1
	9/13/2024 5:15	9/13/2024 5:30	15	1	6	0.69	6	Atlas		8	1
	9/24/2024 5:15	9/24/2024 5:30	15	1	38	0.54	1	Atlas		41	1
	9/24/2024 16:30	9/24/2024 16:45	15	1	12	0.54	1	Atlas		13	1
	11/13/2024 19:15	11/13/2024 20:30	75	3	20	1.6	12	Cloudburst		52	1
	12/16/2024 9:30	12/16/2024 9:45	15	1	8	0.33	12	Atlas		6	1
	2/5/2025 23:15	2/5/2025 23:30	15	1	63	0.5	12	Atlas		81	1
	3/15/2025 6:45	3/15/2025 7:00	15	2	40	0.83	12	Atlas		83	1
	3/23/2025 17:00	3/23/2025 17:15	15	1	231	0.4	3	Atlas		183	1
	3/30/2025 21:15	3/30/2025 21:30	15	1	2	0.56	3	Atlas		2	1
	4/4/2025 13:00	4/4/2025 13:15	15	4	89	3.93	48	Atlas		380	1
	4/5/2025 2:00	4/5/2025 2:15	15	2	6	0.8	24	Atlas		14	1
	5/20/2025 4:30	5/20/2025 7:15	165	1	162	0.38	3	Atlas		131	1
CSO092 Total										1,580	14
CSO097	7/3/2024 19:15	7/3/2024 20:00	45	2	29,026	0.78	1	Atlas		46,645	1
	7/4/2024 13:15	7/4/2024 13:30	15	2	165	0.78	1	Atlas		265	1
	7/31/2024 14:45	7/31/2024 15:45	60	1	34,895	0.57	1	Atlas		31,127	1
	8/1/2024 16:15	8/1/2024 17:00	45	1	24,521	0.57	1	Atlas		16,773	1
	9/13/2024 5:30	9/13/2024 6:30	60	1	7,967	0.72	6	Atlas		11,098	1
	9/24/2024 5:00	9/24/2024 5:45	45	2	4,024	0.62	24	Atlas		6,435	1
	9/24/2024 16:30	9/24/2024 17:00	30	2	352	0.62	24	Atlas		563	1
	9/27/2024 12:45	9/27/2024 13:15	30	3	49	1.35	48	Cloudburst		160	1
	11/10/2024 7:45	11/10/2024 9:45	120	2	19,658	0.89	12	Atlas		38,156	1
	11/13/2024 18:45	11/14/2024 10:15	930	3	80,017	1.72	12	Cloudburst		225,089	1
	11/19/2024 3:00	11/19/2024 3:45	45	1	88,538	0.72	1	Atlas		90,929	1
	12/29/2024 2:15	12/29/2024 3:00	45	1	856	0.56	6	Atlas		913	1
	2/5/2025 23:00	2/5/2025 23:30	30	1	484	0.46	12	Atlas		567	1
	2/15/2025 17:45	2/16/2025 13:00	1155	3	696,210	1.65	12	Cloudburst		2,139,453	1
	3/15/2025 16:15	3/15/2025 17:45	90	2	2,014	0.83	12	Atlas		4,235	1
	3/23/2025 16:45	3/23/2025 17:15	30	1	613	0.43	1	Atlas		500	1
	3/30/2025 21:00	3/30/2025 21:45	45	1	12,411	0.55	3	Atlas		11,765	1

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	4/2/2025 23:30	4/3/2025 0:00	30	4	943	3.69	48	Atlas		3,944	1
	4/3/2025 21:15	4/6/2025 7:00	3465	4	770,805	3.69	48	Atlas		3,225,819	1
	4/24/2025 13:45	4/24/2025 14:00	15	1	1,362	0.46	6	Atlas		1,247	1
CSO097 Total										5,855,682	20
CSO105	7/3/2024 19:15	7/3/2024 20:00	45	1	1,759,936	0.74	3	Atlas		2,205,200	1
	7/31/2024 14:45	7/31/2024 16:15	90	1	6,086,112	0.82	1	Atlas		6,652,121	1
	9/27/2024 17:30	9/27/2024 18:00	30	4	68,349	2.13	48	Cloudburst		255,010	1
	11/10/2024 7:15	11/10/2024 16:45	570	2	4,440,511	0.98	6	Atlas		9,405,002	1
	11/13/2024 19:15	11/13/2024 23:15	240	2	5,538,101	0.97	12	Atlas		11,801,693	1
	2/15/2025 19:30	2/16/2025 13:45	1095	3	28,448,104	1.53	24	Cloudburst		84,661,558	1
	3/5/2025 10:45	3/5/2025 11:00	15	1	667,261	0.25	12	Atlas		415,703	1
	3/15/2025 16:45	3/16/2025 12:30	1185	2	6,506,804	0.93	12	Atlas		15,687,905	1
	3/30/2025 3:30	3/30/2025 4:00	30	0	443,740	0.22	1	Atlas		121,585	1
	3/30/2025 21:00	3/31/2025 1:30	270	1	17,301,606	0.57	3	Atlas		15,208,111	1
	4/2/2025 23:15	4/3/2025 5:15	360	7	3,262,270	4	48	Atlas		21,517,935	1
	4/3/2025 17:15	4/4/2025 17:45	1470	7	29,052,361	4	48	Atlas		191,629,370	1
	4/5/2025 2:15	4/6/2025 13:00	2085	7	72,353,480	4	48	Atlas		477,243,554	1
CSO105 Total										836,804,747	13
CSO108	7/3/2024 20:15	7/3/2024 20:30	15	1	12,341	0.66	1	Atlas		16,612	1
	7/9/2024 22:00	7/9/2024 22:30	30	1	259,518	0.47	1	Atlas		161,680	1
	8/1/2024 17:00	8/1/2024 17:15	15	1	69,890	0.57	1	Atlas		48,504	1
	9/24/2024 5:30	9/24/2024 6:00	30	2	91,579	0.75	24	Atlas		177,206	1
	9/24/2024 17:30	9/24/2024 17:45	15	2	16,603	0.75	24	Atlas		32,127	1
	11/13/2024 19:15	11/13/2024 21:15	120	3	88,891	2.28	24	Cloudburst		280,894	1
	11/14/2024 10:00	11/14/2024 11:30	90	3	154,900	2.28	24	Cloudburst		489,485	1
	12/16/2024 7:15	12/18/2024 7:15	2880	1	641,579,755	0.32	3	Atlas		444,614,770	1
	2/5/2025 23:45	2/6/2025 0:00	15	1	14,580	0.45	12	Atlas		16,402	1
	2/15/2025 20:30	2/15/2025 21:15	45	3	96,283	1.6	12	Cloudburst		292,027	1
	2/16/2025 9:00	2/16/2025 14:45	345	3	38,043	1.6	12	Cloudburst		115,385	1
	3/30/2025 21:30	3/30/2025 22:00	30	1	193,068	0.5	3	Atlas		153,489	1
	4/3/2025 22:15	4/6/2025 14:30	3855	4	3,040,799	3.97	48	Atlas		12,947,723	1
CSO108 Total										459,346,305	13
CSO109	7/3/2024 19:45	7/3/2024 20:00	15	1	123,064	0.74	1	Atlas		182,627	1
	7/4/2024 13:00	7/4/2024 13:15	15	1	8,091	0.74	1	Atlas		12,007	1
	7/9/2024 21:45	7/9/2024 22:00	15	1	186,673	0.47	1	Atlas		111,817	1
	7/13/2024 18:00	7/13/2024 18:15	15	0	13,978	0.19	1	Atlas		3,131	1
	7/31/2024 15:00	7/31/2024 15:45	45	1	143,684	0.67	3	Atlas		156,616	1
	8/1/2024 16:30	8/1/2024 17:00	30	1	224,978	0.59	1	Atlas		161,084	1

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	8/16/2024 8:15	8/16/2024 8:30	15	0	950	0.18	1	Atlas		199	1
	9/13/2024 5:30	9/13/2024 6:15	45	1	16,709	0.73	6	Atlas		23,860	1
	9/24/2024 5:15	9/24/2024 5:30	15	2	49,990	0.75	24	Atlas		97,780	1
	9/24/2024 16:45	9/24/2024 17:15	30	2	49,679	0.75	24	Atlas		97,172	1
	9/27/2024 5:00	9/27/2024 17:00	720	3	27,397	1.35	48	Cloudburst		90,219	1
	11/10/2024 9:00	11/10/2024 9:15	15	2	113	0.78	12	Atlas		194	1
	11/13/2024 19:45	11/13/2024 20:45	60	3	33,482	2.12	24	Cloudburst		104,633	1
	11/14/2024 10:00	11/14/2024 10:30	30	3	37,664	2.12	24	Cloudburst		117,700	1
	11/19/2024 3:30	11/19/2024 4:00	30	1	102,884	0.7	1	Atlas		102,370	1
	2/16/2025 20:30	2/16/2025 9:15	765	3	2,723,809	1.6	12	Cloudburst		8,296,722	1
	4/2/2025 23:45	4/3/2025 0:00	15	4	6,454	4	48	Atlas		27,572	1
	4/3/2025 21:45	4/5/2025 8:15	2070	4	3,496,915	4	48	Atlas		14,938,821	1
	4/5/2025 16:30	4/6/2025 4:30	720	2	1,812,745	0.78	24	Atlas		4,182,004	1
	4/6/2025 12:30	4/6/2025 13:15	45	2	1,164	0.78	24	Atlas		2,685	1
CSO109 Total										28,709,213	20
CSO110	7/3/2024 19:15	7/3/2024 20:30	75	2	494,784	0.83	1	Atlas		851,523	1
	7/4/2024 12:45	7/4/2024 13:30	45	2	102,562	0.83	1	Atlas		176,510	1
	7/9/2024 21:30	7/9/2024 22:15	45	1	126,058	0.42	1	Atlas		75,257	1
	7/13/2024 17:45	7/13/2024 18:00	15	0	319	0.3	1	Atlas		112	1
	7/31/2024 14:45	7/31/2024 15:45	60	1	543,214	0.56	1	Atlas		478,028	1
	8/1/2024 16:00	8/1/2024 17:00	60	1	624,631	0.51	1	Atlas		396,640	1
	8/2/2024 6:00	8/2/2024 6:15	15	0	1,447	0.12	1	Atlas		265	1
	9/13/2024 5:15	9/13/2024 9:45	270	1	222,628	0.68	6	Atlas		288,303	1
	9/24/2024 4:45	9/24/2024 5:30	45	1	228,391	0.6	1	Atlas		323,174	1
	9/24/2024 16:15	9/24/2024 17:15	60	1	65,900	0.6	1	Atlas		93,249	1
	9/27/2024 7:00	9/27/2024 13:30	390	3	28,501	1.35	48	Cloudburst		93,741	1
	11/6/2024 3:00	11/6/2024 7:15	255	1	44,796	0.5	6	Atlas		41,347	1
	11/10/2024 7:15	11/10/2024 10:00	165	2	420,255	0.91	12	Atlas		840,930	1
	11/13/2024 18:45	11/14/2024 10:30	945	3	765,474	1.67	12	Cloudburst		2,087,447	1
	11/19/2024 2:30	11/19/2024 4:00	90	1	282,899	0.72	1	Atlas		286,860	1
	12/16/2024 13:30	12/16/2024 14:00	30	1	27,517	0.34	6	Atlas		20,390	1
	12/18/2024 4:00	12/18/2024 7:45	225	1	16,232	0.39	6	Atlas		13,326	1
	12/29/2024 1:45	12/29/2024 3:15	90	1	142,839	0.55	6	Atlas		150,838	1
	2/5/2025 23:00	2/5/2025 23:30	30	1	18,002	0.47	12	Atlas		21,657	1
	2/15/2025 17:30	2/16/2025 8:00	870	3	1,718,663	1.77	12	Cloudburst		5,365,666	1
	3/15/2025 14:15	3/15/2025 18:15	240	2	120,831	0.83	12	Atlas		253,383	1
	3/23/2025 16:45	3/23/2025 17:45	60	1	69,978	0.44	1	Atlas		59,062	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
	3/30/2025 21:00	3/30/2025 21:30	30	1	311,359	0.57	3	Atlas		316,029	1
	4/2/2025 23:15	4/3/2025 1:45	150	4	65,104	3.9	48	Atlas		275,978	1
	4/3/2025 17:15	4/4/2025 16:30	1395	4	1,848,561	3.9	48	Atlas		7,836,051	1
	4/5/2025 1:45	4/6/2025 3:15	1530	2	2,259,532	0.8	24	Atlas		5,486,143	1
	4/24/2025 13:15	4/24/2025 17:30	255	1	385,641	0.55	6	Atlas		413,022	1
CSO110 Total										26,244,928	27
CSO111	7/3/2024 19:15	7/3/2024 20:00	45	2	382,847	0.83	1	Atlas		658,880	1
	7/4/2024 12:45	7/4/2024 13:15	30	2	1,671	0.83	1	Atlas		2,876	1
	7/9/2024 21:30	7/9/2024 21:45	15	1	36,029	0.42	1	Atlas		21,509	1
	7/13/2024 17:30	7/13/2024 18:15	45	0	64,519	0.3	1	Atlas		22,775	1
	7/31/2024 14:45	7/31/2024 15:45	60	1	428,938	0.56	1	Atlas		377,465	1
	8/1/2024 16:15	8/1/2024 16:45	30	1	249,558	0.51	1	Atlas		158,469	1
	8/2/2024 6:00	8/2/2024 6:30	30	0	180,198	0.12	1	Atlas		32,976	1
	9/13/2024 5:30	9/13/2024 6:15	45	1	5,930	0.68	6	Atlas		7,679	1
	9/24/2024 4:45	9/24/2024 5:15	30	1	45,640	0.6	1	Atlas		64,580	1
	11/6/2024 3:00	11/6/2024 7:15	255	1	40,269	0.5	6	Atlas		37,168	1
	11/10/2024 6:00	11/10/2024 9:45	225	2	570,118	0.91	12	Atlas		1,140,806	1
	11/11/2024 6:45	11/11/2024 9:15	150	0	4,606,746	0	1	Atlas		23,034	1
	11/19/2024 2:45	11/19/2024 4:00	75	1	547,835	0.72	1	Atlas		555,504	1
	11/25/2024 21:15	12/29/2024 3:15	47880	0	39,070,211,730					937,685,082	1
	12/29/2024 18:15	12/30/2024 22:00	1665	1	1,255,260	0.55	6	Atlas		1,325,555	1
	12/31/2024 16:00	2/8/2025 0:15	55215	0	22,575,625,990	0.04	12	Atlas		1,715,747,575	1
	2/9/2025 0:00	2/15/2025 21:30	9930	0	579,598,619	0.14	24	Atlas		214,451,489	1
	3/5/2025 16:00	3/11/2025 11:30	8370	1	85,332,905	0.19	24	Atlas		42,325,121	1
	3/15/2025 6:45	3/15/2025 7:00	15	2	197	0.83	12	Atlas		414	1
	3/30/2025 21:00	3/30/2025 21:45	45	1	157,291	0.57	3	Atlas		159,651	1
	4/2/2025 23:15	4/3/2025 0:00	45	4	20,487	3.9	48	Atlas		86,844	1
	4/3/2025 17:15	4/3/2025 18:00	45	4	2,874	3.9	48	Atlas		12,182	1
	4/11/2025 7:45	4/12/2025 12:30	1725	0	21,765,309	0.06	12	Atlas		2,894,786	1
	4/24/2025 13:15	4/24/2025 14:00	45	1	341,787	0.55	6	Atlas		366,054	1
CSO111 Total										2,918,158,474	24
CSO113	7/3/2024 19:15	7/3/2024 20:00	45	2	199,703	0.7	1	Atlas		307,143	1
	7/4/2024 12:45	7/4/2024 13:15	30	2	1,363	0.7	1	Atlas		2,096	1
	7/9/2024 21:30	7/9/2024 22:00	30	1	35,920	0.39	1	Atlas		20,977	1
	7/13/2024 17:45	7/13/2024 18:15	30	0	3,831	0.23	1	Atlas		992	1
	7/22/2024 18:45	7/22/2024 19:15	30	0	11,293	0.25	1	Atlas		3,241	1
	7/31/2024 14:30	7/31/2024 15:30	60	1	148,768	0.64	1	Atlas		131,957	1
	8/1/2024 16:15	8/1/2024 16:45	30	1	95,457	0.52	1	Atlas		60,138	1

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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
	8/2/2024 6:00	8/2/2024 6:15	15	0	13,286	0.2	1	Atlas		3,149	1
	8/16/2024 8:00	8/16/2024 8:15	15	0	569	0.23	1	Atlas		147	1
	9/13/2024 5:15	9/13/2024 6:15	60	1	45,373	0.69	6	Atlas		61,344	1
	9/24/2024 4:45	9/24/2024 5:30	45	1	102,470	0.54	1	Atlas		112,717	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	33,442	0.52	6	Atlas		31,837	1
	11/10/2024 7:15	11/10/2024 9:45	150	2	50,126	0.94	12	Atlas		103,712	1
	11/13/2024 18:45	11/13/2024 20:45	120	3	113,021	1.6	12	Cloudburst		296,792	1
	11/19/2024 3:00	11/19/2024 3:45	45	1	211,672	0.63	1	Atlas		193,468	1
	12/29/2024 2:30	12/29/2024 3:00	30	1	1,757	0.56	6	Atlas		1,889	1
	2/5/2025 23:00	2/6/2025 4:30	330	1	62,268	0.5	12	Atlas		79,454	1
	2/15/2025 20:15	2/16/2025 2:00	345	3	84,540	1.67	24	Cloudburst		258,777	1
	3/23/2025 16:45	3/23/2025 17:15	30	1	119,723	0.4	3	Atlas		94,701	1
	3/30/2025 21:00	3/30/2025 21:30	30	1	57,409	0.56	3	Atlas		57,639	1
	4/2/2025 23:15	4/2/2025 23:45	30	4	12,708	3.93	48	Atlas		53,995	1
	4/3/2025 21:30	4/4/2025 13:45	975	4	99,910	3.93	48	Atlas		424,516	1
	4/5/2025 1:45	4/5/2025 2:15	30	2	5,519	0.8	24	Atlas		13,499	1
	4/5/2025 17:00	4/5/2025 18:30	90	2	24,992	0.8	24	Atlas		61,129	1
	4/24/2025 13:15	4/24/2025 14:00	45	1	241,862	0.5	6	Atlas		237,508	1
	5/20/2025 4:15	5/20/2025 4:45	30	1	8,213	0.38	3	Atlas		6,652	1
CSO113 Total										2,619,469	26
CSO117	7/3/2024 19:15	7/3/2024 20:00	45	1	964,733	0.74	1	Atlas		1,099,796	1
	7/4/2024 12:45	7/4/2024 14:30	105	0	1,476,779	0.39	1	Atlas		679,318	1
	7/9/2024 21:30	7/9/2024 22:00	30	1	2,243	0.38	1	Atlas		1,288	1
	7/31/2024 14:45	7/31/2024 15:45	60	1	621,803	0.7	1	Atlas		608,123	1
	8/1/2024 16:15	8/1/2024 17:30	75	1	728,125	0.63	1	Atlas		554,103	1
	8/2/2024 6:15	8/2/2024 7:00	45	0	91,951	0.3	1	Atlas		31,171	1
	9/13/2024 6:00	9/13/2024 6:15	15	1	292	0.76	6	Atlas		436	1
	9/24/2024 5:00	9/24/2024 5:30	30	1	182,210	0.36	1	Atlas		157,065	1
	9/27/2024 12:15	9/28/2024 9:45	1290	3	1,964,605	1.37	48	Cloudburst		6,485,160	1
	11/10/2024 8:00	11/10/2024 13:45	345	2	2,009,442	1.07	12	Cloudburst		4,412,735	1
	11/13/2024 19:00	11/14/2024 11:30	990	3	4,181,577	1.84	12	Cloudburst		11,294,441	1
	11/19/2024 3:00	11/19/2024 3:45	45	1	235,077	0.56	1	Atlas		197,700	1
	12/18/2024 7:15	12/18/2024 9:15	120	1	1,000,879	0.35	6	Atlas		727,639	1
	12/29/2024 3:30	12/29/2024 4:30	60	1	9,238	0.57	6	Atlas		10,024	1
	2/15/2025 20:00	2/16/2025 20:00	1440	3	8,940,034	1.79	12	Cloudburst		27,785,627	1
	3/15/2025 16:30	3/16/2025 1:00	510	2	2,393,671	0.88	12	Atlas		5,105,701	1
	4/2/2025 23:30	4/3/2025 0:00	30	7	6,904	4.45	48	Atlas		47,457	1
	4/3/2025 17:15	4/6/2025 20:30	4515	7	8,044,268	4.45	48	Atlas		55,296,299	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
CSO117 Total										114,494,082	18
CSO119	9/13/2024 5:15	9/13/2024 6:15	60	1	15,406	0.74	6	Atlas		22,139	1
	9/24/2024 4:45	9/24/2024 5:30	45	1	109,166	0.43	1	Atlas		101,306	1
	11/10/2024 8:30	11/10/2024 9:00	30	2	238	0.98	12	Atlas		511	1
	11/13/2024 18:45	11/13/2024 19:45	60	3	40,525	1.72	12	Cloudburst		107,675	1
	11/14/2024 10:00	11/14/2024 10:45	45	3	60,185	1.72	12	Cloudburst		159,912	1
	11/19/2024 2:45	11/19/2024 3:45	60	1	59,376					50,707	1
	2/15/2025 23:15	2/16/2025 15:15	960	3	9,108,779	1.63	12	Cloudburst		27,599,601	1
	3/23/2025 16:45	3/23/2025 17:00	15	1	3,235	0.31	3	Atlas		2,161	1
	3/30/2025 20:45	3/30/2025 21:30	45	1	24,665	0.51	3	Atlas		22,396	1
	4/2/2025 23:15	4/3/2025 0:00	45	4	21,334	4.14	48	Atlas		91,909	1
	4/3/2025 21:30	4/6/2025 9:30	3600	4	11,388,691	4.14	48	Atlas		49,062,480	1
	5/20/2025 4:15	5/20/2025 4:45	30	1	7,021	0.35	3	Atlas		5,448	1
CSO119 Total										77,226,246	12
CSO121	11/14/2024 10:00	11/14/2024 11:00	60	3	24,103	1.84	12	Cloudburst		64,019	1
	2/16/2025 0:30	2/16/2025 2:30	120	3	281,774	1.6	12	Cloudburst		848,138	1
	2/16/2025 15:15	2/16/2025 16:00	45	3	2,264	1.6	12	Cloudburst		6,815	1
	4/3/2025 22:45	4/4/2025 13:45	900	4	823,186	4.34	48	Atlas		3,598,967	1
	4/5/2025 1:45	4/5/2025 8:45	420	2	429,954	0.8	24	Atlas		1,030,170	1
	4/5/2025 17:00	4/5/2025 18:15	75	2	378,936	0.8	24	Atlas		907,932	1
	4/6/2025 12:15	4/6/2025 19:00	405	2	104,061	0.8	24	Atlas		249,330	1
CSO121 Total										6,705,371	7
CSO125	7/9/2024 21:30	7/9/2024 22:00	30	1	28,244	0.39	1	Atlas		14,461	1
	7/31/2024 14:45	7/31/2024 15:15	30	1	103,452	0.7	1	Atlas		106,556	1
	8/1/2024 16:15	8/1/2024 16:45	30	1	212,439	0.61	1	Atlas		155,930	1
	11/13/2024 19:15	11/13/2024 19:45	30	3	84,847	1.79	12	Cloudburst		227,560	1
	11/19/2024 3:15	11/19/2024 4:00	45	1	168,848					151,288	1
	2/16/2025 4:00	2/16/2025 7:45	225	3	19,842,181	1.3	12	Cloudburst		57,363,747	1
	4/3/2025 22:00	4/3/2025 22:45	45	4	30,737	3.52	48	Atlas		126,915	1
	4/4/2025 13:00	4/4/2025 13:15	15	4	88,410	3.52	48	Atlas		365,046	1
	4/5/2025 17:45	4/5/2025 18:30	45	2	252,537	0.75	24	Atlas		573,512	1
CSO125 Total										59,085,015	9
CSO126	7/3/2024 19:30	7/3/2024 19:45	15	1	19,609	0.69	1	Atlas		27,668	1
	7/9/2024 21:45	7/9/2024 22:00	15	1	28,338	0.39	1	Atlas		14,509	1
	7/22/2024 18:45	7/22/2024 19:00	15	1	37,685	0.63	1	Atlas		27,020	1
	7/31/2024 14:45	7/31/2024 16:00	75	1	111,472	0.7	1	Atlas		114,816	1
	8/1/2024 16:15	8/1/2024 17:00	45	1	62,586	0.61	1	Atlas		45,938	1
	8/16/2024 8:15	8/16/2024 8:30	15	0	18,288	0.28	1	Atlas		5,834	1

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	9/13/2024 5:45	9/13/2024 6:15	30	2	29,439	0.79	6	Atlas		44,041	1
	9/24/2024 5:15	9/24/2024 5:30	15	1	15,820	0.45	1	Atlas		16,105	1
	9/27/2024 7:15	9/27/2024 8:45	90	3	36,239	1.28	48	Cloudburst		117,703	1
	9/27/2024 17:30	9/27/2024 18:00	30	3	21,042	1.28	48	Cloudburst		68,346	1
	9/28/2024 3:00	9/28/2024 3:30	30	3	2,337	1.28	48	Cloudburst		7,590	1
	11/10/2024 6:15	11/10/2024 9:45	210	2	148,460	1.05	12	Cloudburst		325,424	1
	11/13/2024 19:00	11/13/2024 22:15	195	3	144,030	1.79	12	Cloudburst		386,289	1
	11/14/2024 10:00	11/14/2024 10:30	30	3	75,851	1.79	12	Cloudburst		203,433	1
	11/19/2024 3:15	11/19/2024 4:30	75	1	173,137					155,131	1
	12/16/2024 13:45	12/16/2024 15:30	105	1	147,289	0.31	12	Atlas		100,745	1
	12/18/2024 7:00	12/18/2024 8:45	105	1	221,325	0.35	6	Atlas		161,346	1
	12/28/2024 23:00	12/29/2024 3:00	240	1	146,287	0.56	6	Atlas		157,698	1
	1/30/2025 20:30	1/30/2025 21:30	60	1	59,424	0.51	12	Atlas		72,022	1
	2/5/2025 23:15	2/5/2025 23:45	30	1	61,618	0.46	12	Atlas		68,642	1
	2/15/2025 17:30	2/16/2025 18:45	1515	3	8,170,316	1.3	12	Cloudburst		23,620,384	1
	3/15/2025 14:00	3/15/2025 17:15	195	2	143,320	0.8	12	Atlas		278,041	1
	3/23/2025 17:15	3/23/2025 17:45	30	1	39,142	0.3	1	Atlas		24,659	1
	3/30/2025 15:45	3/31/2025 0:15	510	1	124,975	0.53	3	Atlas		120,101	1
	4/2/2025 23:30	4/3/2025 2:45	195	4	79,179	3.52	48	Atlas		326,930	1
	4/3/2025 17:30	4/5/2025 8:15	2325	4	5,262,950	3.52	48	Atlas		21,730,720	1
	4/5/2025 16:30	4/6/2025 15:00	1350	2	4,998,442	0.75	24	Atlas		11,351,463	1
	5/20/2025 4:45	5/20/2025 5:00	15	1	13,615	0.4	3	Atlas		11,641	1
CSO126 Total										59,584,239	28
CSO130	7/22/2024 19:00	7/22/2024 19:15	15	1	406,513	0.96	1	Atlas		449,604	1
	7/31/2024 15:00	7/31/2024 15:15	15	1	557	0.78	1	Atlas		619	1
	4/3/2025 0:00	4/3/2025 0:15	15	4	83,271	4.52	48	Atlas		368,475	1
	4/3/2025 22:45	4/3/2025 23:00	15	4	742	4.52	48	Atlas		3,283	1
CSO130 Total										821,980	4
CSO131	7/3/2024 19:45	7/3/2024 20:30	45	1	37,885	0.74	1	Atlas		43,379	1
	7/4/2024 13:15	7/4/2024 13:30	15	0	113,824	0.3	1	Atlas		40,749	1
	7/9/2024 22:00	7/9/2024 22:15	15	1	232,320	0.33	1	Atlas		115,928	1
	7/31/2024 15:30	7/31/2024 16:00	30	1	38,833	0.78	1	Atlas		43,183	1
	8/1/2024 17:00	8/1/2024 17:15	15	1	44,036	0.61	1	Atlas		32,543	1
	8/2/2024 6:30	8/2/2024 6:45	15	0	140,107	0.31	1	Atlas		51,840	1
	8/16/2024 8:15	8/16/2024 8:45	30	0	193,448	0.32	1	Atlas		70,802	1
	9/13/2024 5:45	9/13/2024 6:30	45	2	71,094	0.8	6	Atlas		108,347	1
	9/24/2024 5:15	9/24/2024 5:45	30	1	95,195	0.37	12	Atlas		83,486	1
	2/5/2025 23:30	2/5/2025 23:45	15	1	24,014	0.44	12	Atlas		25,191	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
	2/15/2025 20:45	2/16/2025 1:30	285	3	67,866	1.4	12	Cloudburst		196,134	1
	3/23/2025 17:15	3/23/2025 17:30	15	1	79,554	0.28	3	Atlas		46,698	1
	4/24/2025 13:45	4/24/2025 17:30	225	1	77,496	0.36	6	Atlas		57,889	1
	5/20/2025 7:15	5/20/2025 7:30	15	1	39,440	0.32	3	Atlas		28,594	1
CSO131 Total										944,760	14
CSO132	7/3/2024 19:15	7/3/2024 20:00	45	1	709,786	0.69	1	Atlas		768,698	1
	7/4/2024 12:45	7/4/2024 13:15	30	0	144,036	0.3	1	Atlas		49,260	1
	7/9/2024 21:30	7/9/2024 22:00	30	0	744,086	0.36	1	Atlas		358,650	1
	7/22/2024 18:30	7/22/2024 19:15	45	1	1,245,612	0.97	1	Atlas		1,395,085	1
	7/30/2024 13:00	7/30/2024 13:15	15	0	14,196	0.13	1	Atlas		2,456	1
	7/31/2024 14:45	7/31/2024 15:45	60	1	1,191,298	0.77	1	Atlas		1,284,220	1
	8/1/2024 16:15	8/1/2024 17:00	45	1	1,481,358	0.61	1	Atlas		1,087,317	1
	8/2/2024 6:00	8/2/2024 7:30	90	0	242,591	0.3	1	Atlas		85,392	1
	8/16/2024 8:00	8/16/2024 13:15	315	0	9,840,329	0.35	1	Atlas		3,896,770	1
	8/31/2024 16:45	8/31/2024 18:15	90	1	244,817	0.49	3	Atlas		181,164	1
	9/13/2024 5:15	9/13/2024 10:15	300	2	421,373	0.82	6	Atlas		657,342	1
	9/24/2024 5:00	9/24/2024 5:30	30	1	451,710	0.35	12	Atlas		392,536	1
	9/28/2024 2:45	10/1/2024 8:15	4650	3	8,723,822	1.25	48	Cloudburst		28,177,945	1
	11/6/2024 3:00	11/6/2024 3:30	30	1	244,206	0.51	6	Atlas		229,798	1
	11/10/2024 6:00	11/13/2024 7:45	4425	2	17,158,329	1.35	12	Cloudburst		39,755,848	1
	11/13/2024 19:00	11/16/2024 19:15	4335	3	20,873,021	1.6	12	Cloudburst		53,330,568	1
	11/19/2024 2:45	11/19/2024 4:00	75	1	1,200,733					1,035,032	1
	12/29/2024 2:45	12/29/2024 3:00	15	1	5,148	0.58	6	Atlas		5,699	1
	1/30/2025 16:45	1/31/2025 12:45	1200	1	12,200,415	0.54	12	Atlas		15,433,525	1
	2/5/2025 23:00	2/5/2025 23:45	45	1	566,825	0.44	12	Atlas		591,765	1
	2/6/2025 14:00	2/9/2025 8:30	1110	0	42,491,492	0.13	24	Atlas		14,107,175	1
	2/13/2025 2:30	2/13/2025 11:15	525	0	133,705,181	0.03	3	Atlas		7,086,375	1
	2/15/2025 17:15	2/24/2025 13:45	12750	3	167,164,009	1.33	12	Cloudburst		479,927,870	1
	3/15/2025 13:45	3/17/2025 7:00	2475	2	5,809,414	0.81	12	Atlas		11,334,167	1
	3/19/2025 22:00	3/19/2025 22:30	30	0	28,544	0.16	1	Atlas		5,281	1
	3/23/2025 16:45	3/23/2025 17:30	45	1	1,031,283	0.27	3	Atlas		599,176	1
	3/30/2025 15:30	3/30/2025 21:45	375	1	1,054,831	0.5	3	Atlas		945,129	1
	4/2/2025 23:30	4/3/2025 1:45	135	4	339,594	4.31	48	Atlas		1,481,988	1
	4/3/2025 17:15	4/14/2025 11:15	15480	4	183,673,134	4.31	48	Atlas		801,549,556	1
	4/24/2025 13:30	4/24/2025 17:30	240	1	996,649	0.37	6	Atlas		750,477	1
	5/8/2025 15:00	5/8/2025 16:00	60	1	1,826,934	0.57	1	Atlas		1,255,103	1
	5/20/2025 4:30	5/20/2025 5:00	30	1	304,929	0.35	3	Atlas		244,248	1
CSO132 Total										1,468,005,614	32

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CSO140	7/3/2024 20:30	7/3/2024 22:00	90	1	182	0.72	1	Atlas		202	1
	7/9/2024 22:30	7/9/2024 22:45	15	1	2	0.35	1	Atlas		1	1
	7/22/2024 19:30	7/22/2024 19:45	15	1	2	0.7	1	Atlas		2	1
	9/27/2024 13:30	9/27/2024 19:00	330	3	705	1.25	48	Cloudburst		2,274	1
	11/10/2024 8:45	11/10/2024 10:00	75	2	14,502	1.16	12	Cloudburst		32,500	1
	11/13/2024 19:15	11/14/2024 3:15	480	3	64,768	1.79	12	Cloudburst		172,153	1
	11/19/2024 3:15	11/19/2024 6:00	165	1	20,020					17,037	1
	12/18/2024 8:00	12/18/2024 8:30	30	1	1,177	0.36	6	Atlas		867	1
	12/29/2024 2:00	12/29/2024 3:00	60	1	3,740	0.58	6	Atlas		4,148	1
	1/30/2025 21:15	1/31/2025 2:45	330	1	647	0.53	12	Atlas		809	1
	2/6/2025 0:00	2/6/2025 1:15	75	1	781	0.45	12	Atlas		854	1
	2/15/2025 19:30	2/16/2025 18:30	1380	3	270,023	1.47	12	Cloudburst		795,487	1
	3/15/2025 14:30	3/15/2025 20:00	330	2	1,539	0.83	12	Atlas		3,074	1
	3/30/2025 21:00	3/30/2025 22:15	75	1	150	0.49	3	Atlas		136	1
	4/3/2025 17:45	4/4/2025 16:00	1335	4	456,919	4.24	48	Atlas		1,983,943	1
	4/5/2025 2:15	4/6/2025 18:45	2430	2	1,463,808	0.78	24	Atlas		3,447,267	1
CSO140 Total										6,460,754	16
CSO141	7/3/2024 19:30	7/3/2024 20:00	30	1	39,109	0.76	1	Atlas		45,210	1
	7/4/2024 13:00	7/4/2024 13:15	15	0	24,587	0.38	1	Atlas		10,916	1
	7/9/2024 21:45	7/9/2024 22:00	15	1	71,800	0.37	1	Atlas		38,629	1
	7/22/2024 18:45	7/22/2024 19:00	15	1	20,082	0.64	1	Atlas		14,941	1
	7/30/2024 13:00	7/30/2024 13:15	15	0	541	0.13	1	Atlas		96	1
	7/31/2024 15:00	7/31/2024 15:30	30	1	45,278	0.78	1	Atlas		50,712	1
	8/1/2024 16:30	8/1/2024 16:45	15	1	39,049	0.63	1	Atlas		29,873	1
	8/16/2024 8:15	8/16/2024 8:30	15	0	79,743	0.32	1	Atlas		29,585	1
	9/6/2024 15:45	9/6/2024 17:45	120	0	967	0.17	6	Atlas		297	1
	9/13/2024 5:45	9/13/2024 6:30	45	1	16,511	0.78	6	Atlas		24,651	1
	9/23/2024 14:45	9/23/2024 15:00	15	0	6,457	0.09	1	Atlas		704	1
	9/24/2024 5:15	9/24/2024 5:30	15	1	17,597	0.38	12	Atlas		16,119	1
	11/6/2024 3:15	11/6/2024 3:30	15	1	6,545	0.51	6	Atlas		6,139	1
	11/10/2024 9:15	11/10/2024 9:30	15	2	324	1.28	12	Cloudburst		741	1
	11/13/2024 19:15	11/13/2024 20:45	90	3	12,213	1.84	12	Cloudburst		32,439	1
	11/19/2024 3:15	11/19/2024 3:45	30	1	16,727					13,900	1
	3/30/2025 21:15	3/30/2025 21:30	15	1	6,447	0.49	3	Atlas		5,474	1
	4/2/2025 23:45	4/3/2025 0:00	15	4	5,778	4.34	48	Atlas		25,261	1
	4/3/2025 18:45	4/3/2025 22:45	240	4	11,376	4.34	48	Atlas		49,734	1
	4/4/2025 13:00	4/4/2025 13:30	30	4	2,236	4.34	48	Atlas		9,774	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
	4/5/2025 2:00	4/5/2025 2:15	15	2	1,386	0.8	24	Atlas		3,320	1
	4/5/2025 18:00	4/5/2025 18:15	15	2	4,221	0.8	24	Atlas		10,113	1
	4/24/2025 13:45	4/24/2025 17:15	210	1	31,239	0.34	6	Atlas		22,711	1
	5/8/2025 15:15	5/8/2025 15:30	15	0	10	0.21	1	Atlas		3	1
	5/20/2025 4:45	5/20/2025 7:45	180	1	313	0.33	3	Atlas		231	1
CSO141 Total										441,570	25
CSO144	7/31/2024 15:00	7/31/2024 15:15	15	1	13,180	0.71	1	Atlas		13,602	1
	8/1/2024 16:30	8/1/2024 16:45	15	1	900	0.59	1	Atlas		642	1
	11/6/2024 6:15	11/6/2024 14:15	480	1	108	0.53	6	Atlas		105	1
	11/10/2024 9:15	11/10/2024 17:00	465	2	58	1.09	12	Cloudburst		129	1
	11/13/2024 19:30	11/13/2024 19:45	15	3	5,756	1.7	12	Cloudburst		15,156	1
	11/14/2024 4:15	11/14/2024 4:30	15	3	0	1.7	12	Cloudburst		1	1
	12/28/2024 22:45	12/28/2024 23:15	30	1	1	0.58	6	Atlas		1	1
	3/23/2025 17:45	3/25/2025 8:00	2295	1	2,467	0.29	3	Atlas		1,524	1
	3/30/2025 4:15	3/30/2025 21:30	1035	0	40,496	0.22	1	Atlas		10,408	1
	4/3/2025 22:30	4/4/2025 10:15	705	4	178	3.9	48	Atlas		754	1
	4/24/2025 13:45	4/24/2025 14:00	15	1	19	0.39	6	Atlas		15	1
CSO144 Total										42,335	11
CSO146	7/3/2024 19:15	7/3/2024 20:15	60	2	451,116	0.73	1	Atlas		727,650	1
	7/4/2024 12:45	7/4/2024 13:15	30	2	995	0.73	1	Atlas		1,604	1
	7/9/2024 21:30	7/9/2024 22:15	45	1	99,478	0.43	1	Atlas		64,959	1
	7/13/2024 17:45	7/13/2024 18:15	30	0	152,790	0.23	1	Atlas		41,559	1
	7/31/2024 14:30	7/31/2024 15:45	75	1	429,917	0.64	1	Atlas		391,224	1
	8/1/2024 16:15	8/1/2024 17:00	45	1	127,238	0.5	1	Atlas		77,361	1
	9/13/2024 5:15	9/13/2024 6:30	75	1	110,311	0.69	6	Atlas		148,699	1
	9/24/2024 4:45	9/24/2024 5:45	60	1	246,186	0.5	1	Atlas		242,001	1
	9/27/2024 12:45	9/27/2024 13:30	45	3	5,850	1.4	48	Cloudburst		19,451	1
	11/6/2024 3:00	11/6/2024 3:30	30	1	38,938	0.53	6	Atlas		37,770	1
	11/10/2024 7:15	11/10/2024 10:00	165	2	330,803	0.95	12	Atlas		686,746	1
	11/13/2024 18:45	11/13/2024 22:30	225	3	441,270	1.65	12	Cloudburst		1,160,983	1
	11/19/2024 3:00	11/19/2024 4:00	60	1	544,555	0.63	1	Atlas		492,278	1
	12/28/2024 22:45	12/29/2024 3:15	270	1	32,542	0.56	6	Atlas		34,885	1
	2/5/2025 23:00	2/5/2025 23:45	45	1	92,360	0.5	12	Atlas		119,698	1
	2/15/2025 18:00	2/16/2025 3:30	570	3	1,005,489	1.81	12	Cloudburst		3,139,136	1
	3/15/2025 16:30	3/15/2025 17:45	75	2	34,357	0.87	12	Atlas		73,215	1
	3/23/2025 16:45	3/23/2025 17:30	45	1	229,778	0.38	3	Atlas		176,240	1
	3/30/2025 21:00	3/30/2025 21:45	45	1	152,267	0.53	3	Atlas		141,761	1

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	4/2/2025 23:30	4/3/2025 0:15	45	4	24,004	4.21	48	Atlas		104,034	1
	4/3/2025 21:30	4/4/2025 14:30	1020	4	767,370	4.21	48	Atlas		3,325,779	1
	4/5/2025 1:45	4/5/2025 8:45	420	3	44,952	0.82	24	Atlas		112,605	1
	4/5/2025 17:00	4/5/2025 19:30	150	3	310,839	0.82	24	Atlas		778,652	1
	4/24/2025 13:30	4/24/2025 14:30	60	1	648,446	0.38	6	Atlas		518,108	1
	5/20/2025 4:30	5/20/2025 5:00	30	1	1,788	0.31	3	Atlas		1,259	1
CSO146 Total										12,617,656	25
CSO148	7/3/2024 19:30	7/3/2024 20:00	30	2	35,982	0.78	1	Atlas		57,824	1
	7/4/2024 13:00	7/4/2024 13:45	45	2	8,178	0.78	1	Atlas		13,142	1
	7/9/2024 21:45	7/9/2024 22:00	15	1	20,100	0.42	1	Atlas		11,156	1
	7/13/2024 18:00	7/13/2024 18:15	15	0	16,482	0.23	1	Atlas		4,516	1
	7/22/2024 19:00	7/22/2024 19:15	15	0	215,119	0.18	1	Atlas		47,326	1
	7/29/2024 6:00	7/29/2024 6:15	15	0	11,142	0.1	1	Atlas		1,571	1
	7/31/2024 15:00	7/31/2024 15:45	45	1	52,258	0.57	1	Atlas		46,614	1
	8/1/2024 16:30	8/1/2024 16:45	15	1	21,302	0.57	1	Atlas		14,570	1
	8/2/2024 6:15	8/2/2024 6:30	15	0	137,259	0.1	1	Atlas		21,412	1
	8/16/2024 8:15	8/16/2024 8:30	15	0	5,936	0.2	1	Atlas		1,348	1
	9/13/2024 5:15	9/13/2024 10:45	330	1	59,787	0.72	6	Atlas		83,284	1
	9/24/2024 2:00	9/24/2024 5:30	210	2	20,020	0.62	24	Atlas		32,011	1
	9/24/2024 16:30	9/24/2024 17:15	45	2	7,726	0.62	24	Atlas		12,353	1
	9/27/2024 6:30	9/27/2024 15:30	540	3	2,765	1.35	48	Cloudburst		9,163	1
	9/28/2024 4:15	9/28/2024 4:30	15	3	55	1.35	48	Cloudburst		181	1
	10/31/2024 13:15	10/31/2024 13:45	30	0	1,236	0.18	6	Atlas		404	1
	11/6/2024 3:00	11/6/2024 7:15	255	1	36,903	0.49	6	Atlas		33,582	1
	11/10/2024 5:15	11/10/2024 9:45	270	2	39,094	0.89	12	Atlas		75,881	1
	11/13/2024 19:00	11/14/2024 10:15	915	3	46,211	1.72	12	Cloudburst		129,992	1
	11/19/2024 3:00	11/19/2024 4:00	60	1	82,852	0.72	1	Atlas		85,089	1
	12/16/2024 13:15	12/16/2024 15:00	105	1	5,913	0.34	3	Atlas		4,346	1
	12/18/2024 4:30	12/18/2024 8:00	210	1	22,684	0.41	6	Atlas		19,213	1
	12/28/2024 22:00	12/29/2024 3:15	315	1	37,350	0.56	6	Atlas		39,853	1
	1/30/2025 17:00	1/31/2025 1:00	480	1	5,652	0.51	12	Atlas		6,697	1
	2/5/2025 16:15	2/6/2025 4:45	750	1	56,361	0.46	12	Atlas		66,055	1
	2/8/2025 10:15	2/8/2025 10:30	15	0	5,917	0.15	24	Atlas		2,248	1
	2/15/2025 9:30	2/16/2025 6:30	1260	3	55,902	1.65	12	Cloudburst		171,787	1
	3/5/2025 1:15	3/5/2025 1:30	15	0	730	0.18	24	Atlas		346	1
	3/15/2025 6:45	3/15/2025 21:00	855	2	19,985	0.83	12	Atlas		42,029	1
	3/16/2025 7:30	3/16/2025 7:45	15	2	64	0.83	12	Atlas		134	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
	3/19/2025 22:00	3/19/2025 22:15	15	0	38,927	0.18	1	Atlas		8,486	1
	3/23/2025 17:00	3/23/2025 18:45	105	1	82,008	0.43	1	Atlas		66,918	1
	3/30/2025 2:45	3/30/2025 3:15	30	0	2,086	0.19	1	Atlas		490	1
	3/30/2025 21:15	3/30/2025 23:45	150	1	44,160	0.55	3	Atlas		41,863	1
	4/2/2025 23:45	4/3/2025 2:00	135	4	2,591	3.69	48	Atlas		10,845	1
	4/3/2025 17:15	4/4/2025 14:15	1260	4	58,267	3.69	48	Atlas		243,847	1
	4/5/2025 2:00	4/5/2025 8:30	390	2	7,147	0.78	24	Atlas		16,766	1
	4/5/2025 16:30	4/5/2025 19:30	180	2	14,486	0.78	24	Atlas		33,985	1
	4/24/2025 13:30	4/24/2025 17:45	255	1	47,770	0.46	6	Atlas		43,757	1
	4/25/2025 11:00	4/25/2025 11:15	15	0	11,330	0.2	12	Atlas		5,042	1
	5/3/2025 8:30	5/3/2025 8:45	15	1	409	0.34	48	Atlas		455	1
	5/20/2025 4:45	5/20/2025 5:00	15	1	155	0.33	3	Atlas		113	1
CSO148 Total										1,506,698	42
CSO149	7/3/2024 19:30	7/3/2024 20:00	30	2	471,038	0.73	1	Atlas		759,785	1
	7/4/2024 13:00	7/4/2024 14:30	90	2	195,061	0.73	1	Atlas		314,633	1
	7/31/2024 15:00	7/31/2024 15:30	30	1	62,155	0.64	1	Atlas		56,561	1
	8/1/2024 16:15	8/1/2024 17:45	90	1	82,529	0.5	1	Atlas		50,178	1
	9/24/2024 5:00	9/24/2024 5:30	30	1	4,694	0.5	1	Atlas		4,614	1
	9/27/2024 12:30	9/28/2024 9:45	1275	3	1,146,391	1.4	48	Cloudburst		3,811,749	1
	11/10/2024 8:30	11/10/2024 13:45	315	2	1,430,225	0.95	12	Atlas		2,969,146	1
	11/13/2024 19:15	11/14/2024 11:30	975	3	2,631,548	1.65	12	Cloudburst		6,923,603	1
	11/19/2024 3:15	11/19/2024 3:45	30	1	18,387	0.63	1	Atlas		16,622	1
	12/18/2024 7:30	12/18/2024 9:15	105	1	391,015	0.36	6	Atlas		294,434	1
	12/29/2024 3:45	12/29/2024 4:30	45	1	1,095	0.56	6	Atlas		1,174	1
	2/5/2025 23:00	2/5/2025 23:15	15	1	212,092	0.5	12	Atlas		274,871	1
	2/15/2025 20:00	2/16/2025 19:15	1395	3	6,330,735	1.81	12	Cloudburst		19,764,554	1
	3/15/2025 16:30	3/16/2025 1:00	510	2	1,490,505	0.87	12	Atlas		3,176,267	1
	3/23/2025 16:45	3/23/2025 17:00	15	1	167,504	0.38	3	Atlas		128,476	1
	3/30/2025 20:45	3/30/2025 21:15	30	1	291,523	0.53	3	Atlas		271,408	1
	4/3/2025 17:15	4/6/2025 20:15	4500	4	8,428,341	4.21	48	Atlas		36,528,428	1
	4/24/2025 13:30	4/24/2025 14:00	30	1	686,738	0.38	6	Atlas		548,703	1
	5/20/2025 4:15	5/20/2025 7:00	165	1	276,768	0.31	3	Atlas		194,844	1
CSO149 Total										76,090,050	19
CSO151	7/3/2024 19:15	7/3/2024 20:00	45	1	1,838,380	0.68	1	Atlas		2,728,156	1
	7/4/2024 12:45	7/4/2024 13:45	60	1	450,411	0.68	1	Atlas		668,410	1
	7/9/2024 21:15	7/9/2024 22:00	45	1	946,644	0.38	1	Atlas		492,255	1
	7/13/2024 17:45	7/13/2024 18:15	30	0	570,933	0.21	1	Atlas		138,737	1

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	7/22/2024 18:45	7/22/2024 19:15	30	0	1,184,830	0.25	1	Atlas		348,340	1
	7/29/2024 9:45	7/29/2024 10:00	15	0	329,563,278	0.1	1	Atlas		42,843,226	1
	7/31/2024 14:45	7/31/2024 15:45	60	1	2,409,459	0.63	1	Atlas		2,062,497	1
	8/1/2024 16:15	8/1/2024 17:00	45	1	3,777,426	0.54	1	Atlas		2,474,214	1
	8/2/2024 6:00	8/2/2024 6:30	30	0	10,894	0.17	1	Atlas		2,124	1
	8/16/2024 8:00	8/16/2024 8:30	30	0	140,149	0.19	1	Atlas		30,552	1
	9/13/2024 5:15	9/13/2024 10:30	315	1	530,704	0.72	6	Atlas		743,516	1
	9/24/2024 4:45	9/24/2024 5:30	45	1	1,827,265	0.52	1	Atlas		2,251,191	1
	9/24/2024 16:15	9/24/2024 17:00	45	1	838,109	0.52	1	Atlas		1,032,550	1
	9/27/2024 7:00	9/27/2024 13:30	390	3	52,274	1.35	48	Cloudburst		172,138	1
	11/6/2024 3:00	11/6/2024 7:15	255	1	417,175	0.51	6	Atlas		390,059	1
	11/10/2024 6:00	11/10/2024 10:00	240	2	1,615,157	0.94	12	Atlas		3,325,609	1
	11/13/2024 18:45	11/13/2024 21:30	165	3	2,763,888	1.63	12	Cloudburst		7,429,330	1
	11/14/2024 6:30	11/14/2024 10:15	225	3	112,200	1.63	12	Cloudburst		301,595	1
	11/19/2024 2:30	11/19/2024 4:00	90	1	3,534,637	0.66	1	Atlas		3,368,509	1
	12/16/2024 13:30	12/16/2024 14:00	30	1	95,507	0.34	12	Atlas		70,198	1
	12/18/2024 4:00	12/18/2024 7:30	210	1	157,482	0.37	6	Atlas		121,576	1
	12/28/2024 22:45	12/29/2024 3:00	255	1	47,171	0.57	6	Atlas		51,511	1
	2/5/2025 16:00	2/6/2025 4:45	765	1	638,408	0.49	12	Atlas		796,733	1
	2/15/2025 17:30	2/16/2025 7:45	855	3	3,897,800	1.56	12	Cloudburst		11,771,357	1
	3/15/2025 6:30	3/15/2025 18:30	720	2	265,405	0.83	12	Atlas		540,100	1
	3/19/2025 21:45	3/19/2025 22:00	15	0	108,428	0.19	1	Atlas		24,613	1
	3/23/2025 16:45	3/23/2025 17:15	30	1	2,082,446	0.41	3	Atlas		1,668,040	1
	3/30/2025 20:45	3/30/2025 21:30	45	1	2,040,735	0.56	3	Atlas		2,095,835	1
	4/2/2025 23:15	4/3/2025 1:45	150	4	281,866	3.59	48	Atlas		1,170,870	1
	4/3/2025 17:15	4/4/2025 16:15	1380	4	5,047,357	3.59	48	Atlas		20,966,720	1
	4/5/2025 1:45	4/6/2025 1:15	1410	2	3,129,565	0.78	24	Atlas		7,388,902	1
	4/24/2025 13:15	4/24/2025 14:00	45	1	1,103,700	0.49	6	Atlas		1,058,448	1
	5/20/2025 4:15	5/20/2025 4:45	30	1	92,827	0.39	3	Atlas		76,490	1
CSO151 Total										118,604,400	33
CSO152	7/3/2024 19:15	7/3/2024 19:45	30	2	199,501	0.7	1	Atlas		306,832	1
	7/4/2024 12:45	7/4/2024 13:00	15	2	24,055	0.7	1	Atlas		36,997	1
	7/13/2024 17:45	7/13/2024 18:00	15	0	15,012	0.23	1	Atlas		3,888	1
	7/22/2024 18:45	7/22/2024 19:15	30	0	182,543	0.25	1	Atlas		52,390	1
	8/1/2024 16:15	8/1/2024 16:30	15	1	81,795	0.52	1	Atlas		51,531	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	14,092	0.52	6	Atlas		13,416	1
	4/3/2025 22:00	4/3/2025 22:30	30	4	33,107	3.93	48	Atlas		140,673	1
	4/4/2025 12:45	4/4/2025 13:15	30	4	25,136	3.93	48	Atlas		106,801	1

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	4/5/2025 2:00	4/5/2025 8:30	390	2	17,837	0.8	24	Atlas		43,628	1
	4/5/2025 16:30	4/5/2025 18:30	120	2	228,699	0.8	24	Atlas		559,399	1
CSO152 Total										1,315,555	10
CSO153	11/14/2024 9:45	11/14/2024 15:15	330	3	885,634	1.84	12	Cloudburst		2,352,244	1
	2/16/2025 0:30	2/17/2025 12:15	2145	3	15,217,677	1.6	12	Cloudburst		45,805,208	1
	4/3/2025 22:45	4/12/2025 15:30	12525	4	48,742,037	4.34	48	Atlas		213,100,187	1
CSO153 Total										261,257,639	3
CSO154	11/10/2024 9:15	11/10/2024 9:45	30	2	5,924	1.35	12	Cloudburst		13,727	1
	11/13/2024 20:00	11/13/2024 21:00	60	3	22,113	1.6	12	Cloudburst		56,500	1
	2/15/2025 20:30	2/16/2025 22:15	1545	3	1,323,551	1.33	12	Cloudburst		3,799,916	1
	4/3/2025 21:30	4/5/2025 20:30	2820	4	4,599,636	4.31	48	Atlas		20,072,814	1
	4/6/2025 13:30	4/9/2025 22:30	4860	2	1,327,180,776	0.77	24	Atlas		3,059,151,688	1
	4/10/2025 8:45	4/13/2025 20:45	5040	0	13,961,129,745	0.04	1	Atlas		879,551,174	1
CSO154 Total										3,962,645,818	6
CSO160	7/3/2024 19:15	7/3/2024 20:00	45	1	26,098	0.8	1	Atlas		31,709	1
	7/22/2024 18:45	7/22/2024 19:00	15	0	44,105	0.43	1	Atlas		21,656	1
	11/13/2024 19:30	11/13/2024 19:45	15	3	2,827	1.88	12	Cloudburst		7,452	1
	4/2/2025 23:45	4/3/2025 0:00	15	7	770	5.85	48	Atlas		5,515	1
	4/3/2025 22:15	4/3/2025 22:45	30	7	4,165	5.85	48	Atlas		29,839	1
CSO160 Total										96,170	5
CSO161	7/3/2024 19:15	7/3/2024 19:45	30	1	20,142	0.8	1	Atlas		24,473	1
	7/9/2024 21:45	7/9/2024 22:00	15	1	120	0.37	3	Atlas		76	1
	7/31/2024 14:45	7/31/2024 15:15	30	1	14,540	0.81	1	Atlas		17,142	1
	8/1/2024 16:15	8/1/2024 16:45	30	1	11,903	0.7	1	Atlas		10,058	1
	9/13/2024 5:30	9/13/2024 6:15	45	2	2,155	0.83	6	Atlas		3,485	1
	9/24/2024 5:00	9/24/2024 5:15	15	1	300	0.34	12	Atlas		241	1
	9/24/2024 13:15	9/24/2024 13:30	15	1	5,944	0.34	12	Atlas		4,779	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	97	0.47	6	Atlas		84	1
	11/10/2024 6:15	11/10/2024 7:45	90	2	1,080	1.4	12	Cloudburst		2,519	1
	11/13/2024 19:00	11/14/2024 3:15	495	3	1,700	1.88	12	Cloudburst		4,480	1
	11/19/2024 3:15	11/19/2024 3:45	30	1	1,719	0.51	1	Atlas		1,325	1
	3/15/2025 6:45	3/15/2025 7:00	15	2	44	0.89	12	Atlas		94	1
	3/30/2025 21:00	3/30/2025 21:15	15	1	34,949	0.52	3	Atlas		29,148	1
	4/2/2025 23:30	4/2/2025 23:45	15	7	2,551	5.85	48	Atlas		18,277	1
	4/3/2025 18:30	4/4/2025 4:45	615	7	846	5.85	48	Atlas		6,059	1
	4/4/2025 13:00	4/4/2025 13:15	15	7	349	5.85	48	Atlas		2,502	1
	4/24/2025 17:15	4/24/2025 18:00	45	1	301	0.39	3	Atlas		215	1
	5/8/2025 15:00	5/8/2025 15:15	15	0	1,359	0.17	1	Atlas		291	1

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	5/20/2025 4:30	5/20/2025 7:30	180	1	7,819	0.35	3	Atlas		5,880	1
CSO161 Total										131,130	19
CSO166	8/1/2024 16:30	8/1/2024 17:00	30	1	5,161	0.53	1	Atlas		3,354	1
	11/13/2024 19:15	11/13/2024 20:00	45	3	20,179	1.79	12	Cloudburst		56,682	1
	11/14/2024 9:45	11/14/2024 10:30	45	3	136,956	1.79	12	Cloudburst		384,711	1
	11/19/2024 3:15	11/19/2024 4:00	45	1	55,275					53,341	1
	2/16/2025 0:30	2/16/2025 2:15	105	3	659,831	1.37	12	Cloudburst		1,939,243	1
	4/3/2025 22:15	4/4/2025 13:45	930	4	640,070	3.28	48	Atlas		2,598,684	1
	4/5/2025 17:45	4/5/2025 18:30	45	2	21,853	0.75	24	Atlas		49,518	1
CSO166 Total										5,085,533	7
CSO178	7/3/2024 19:30	7/3/2024 20:00	30	1	184,360	0.8	1	Atlas		228,054	1
	7/31/2024 15:00	7/31/2024 15:15	15	1	84,435	0.72	1	Atlas		83,675	1
	11/13/2024 19:30	11/13/2024 19:45	15	3	26,791	1.86	12	Cloudburst		70,808	1
	4/2/2025 23:45	4/3/2025 0:00	15	7	12,714	6.27	48	Atlas		92,774	1
	4/3/2025 22:30	4/3/2025 22:45	15	7	12,007	6.27	48	Atlas		87,613	1
CSO178 Total										562,923	5
CSO181	7/3/2024 19:30	7/3/2024 19:45	15	1	540,464	0.76	1	Atlas		636,667	1
	4/3/2025 22:15	4/3/2025 22:30	15	7	29,461	4.97	48	Atlas		208,056	1
CSO181 Total										844,723	2
CSO184	7/4/2024 12:45	7/4/2024 14:45	120	2	109,980	1.35	1	Atlas		229,968	1
	7/9/2024 21:30	7/9/2024 23:15	105	1	677,990	0.45	3	Atlas		467,135	1
	7/13/2024 17:45	7/13/2024 19:00	75	0	727,568	0.33	1	Atlas		280,114	1
	7/17/2024 4:45	7/17/2024 6:00	75	0	20,719	0.16	3	Atlas	Retained by Sheads Branch.	5,636	1
	7/22/2024 19:00	7/22/2024 20:15	75	0	804,494	0.1	1	Atlas	Retained by Sheads Branch.	99,757	1
	7/28/2024 12:45	7/28/2024 14:00	75	0	77,341	0.15	3	Atlas	Retained by Sheads Branch.	23,048	1
	7/29/2024 6:00	7/29/2024 7:00	60	0	188,895	0.14	1	Atlas	Retained by Sheads Branch.	36,268	1
	7/31/2024 14:15	7/31/2024 16:00	105	1	862,136	0.61	3	Atlas		881,965	1
	8/1/2024 16:15	8/1/2024 17:00	45	1	531,249	0.5	1	Atlas		332,562	1
	8/2/2024 6:15	8/2/2024 6:45	30	0	189,724	0.15	1	Atlas	Retained by Sheads Branch.	34,150	1
	8/16/2024 8:00	8/16/2024 8:30	30	0	506,132	0.15	1	Atlas	Retained by Sheads Branch.	87,561	1
	9/13/2024 5:15	9/13/2024 10:00	285	1	436,635	0.62	6	Atlas	Retained by Sheads Branch.	515,229	1
	9/23/2024 18:45	9/24/2024 5:45	660	0	4,742,029	0.09	1	Atlas	Retained by Sheads Branch.	573,766	1
	9/27/2024 12:45	9/27/2024 13:45	60	3	36,676	1.4	48	Cloudburst	Retained by Sheads Branch.	121,801	1

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	10/31/2024 15:30	10/31/2024 15:45	15	0	4	0.18	6	Atlas	Retained by Sheads Branch.	1	1
	11/6/2024 3:00	11/6/2024 8:00	300	1	206,687	0.5	6	Atlas	Retained by Sheads Branch.	192,012	1
	11/10/2024 5:15	11/10/2024 10:00	285	2	311,486	0.89	12	Atlas	Retained by Sheads Branch.	602,725	1
	11/13/2024 19:00	11/14/2024 10:15	915	3	420,729	1.7	12	Cloudburst	Retained by Sheads Branch.	1,153,639	1
	11/19/2024 3:00	11/19/2024 4:00	60	1	747,317	0.77	1	Atlas	Retained by Sheads Branch.	804,860	1
	12/16/2024 14:00	12/16/2024 14:15	15	1	43,476	0.35	3	Atlas	Retained by Sheads Branch.	32,216	1
	12/18/2024 4:30	12/18/2024 7:45	195	1	35,966	0.45	6	Atlas	Retained by Sheads Branch.	33,700	1
	12/28/2024 23:00	12/29/2024 3:15	255	1	58,679	0.56	6	Atlas	Retained by Sheads Branch.	62,845	1
	1/30/2025 17:00	1/31/2025 2:15	555	1	1,212	0.51	12	Atlas	Retained by Sheads Branch.	1,445	1
	2/5/2025 16:30	2/6/2025 5:00	750	1	60,502	0.47	12	Atlas	Retained by Sheads Branch.	72,360	1
	2/8/2025 10:15	2/8/2025 17:45	450	0	238	0.15	24	Atlas	Retained by Sheads Branch.	94	1
	2/11/2025 23:30	2/13/2025 12:45	2235	1	7,345	0.28	24	Atlas	Retained by Sheads Branch.	5,325	1
	2/15/2025 8:15	2/16/2025 19:45	2130	3	181,489	1.93	12	Cloudburst	Retained by Sheads Branch.	582,215	1
	3/4/2025 23:00	3/5/2025 1:30	150	1	11	0.19	24	Atlas	Retained by Sheads Branch.	5	1
	3/5/2025 10:00	3/5/2025 10:15	15	1	15	0.19	24	Atlas	Retained by Sheads Branch.	8	1
	3/15/2025 7:00	3/15/2025 17:30	630	2	9,680	0.85	12	Atlas	Retained by Sheads Branch.	21,035	1
	3/23/2025 16:45	3/23/2025 17:30	45	1	47,358	0.5	1	Atlas	Retained by Sheads Branch.	43,333	1
	3/30/2025 15:45	3/30/2025 21:45	360	1	356,694	0.57	3	Atlas	Retained by Sheads Branch.	343,496	1
	4/2/2025 23:45	4/3/2025 2:00	135	4	62,636	4.31	48	Atlas	Retained by Sheads Branch.	273,216	1
	4/3/2025 17:15	4/4/2025 18:15	1500	4	440,863	4.31	48	Atlas	Retained by Sheads Branch.	1,923,044	1
	4/5/2025 2:15	4/6/2025 23:00	2685	2	100,280	0.82	24	Atlas	Retained by Sheads Branch.	247,189	1
	4/24/2025 13:30	4/24/2025 14:30	60	1	678,537	0.61	1	Atlas	Retained by Sheads Branch.	776,247	1
	5/20/2025 4:45	5/20/2025 7:45	180	1	53,812	0.31	3	Atlas	Retained by Sheads Branch.	38,529	1
CSO184 Total										10,898,518	37
CSO189	7/3/2024 19:15	7/3/2024 22:45	210	1	13,473,509	0.74	3	Atlas		16,882,307	1
	7/4/2024 13:00	7/4/2024 14:30	90	0	20,051,204	0.33	1	Atlas		7,639,509	1
	7/9/2024 9:45	7/9/2024 10:45	60	1	6,225,827	0.81	1	Atlas		8,803,319	1

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	7/31/2024 14:45	7/31/2024 17:00	135	1	21,310,592	0.82	1	Atlas		23,292,478	1
	8/1/2024 16:15	8/1/2024 17:45	90	0	18,341,566	0.41	1	Atlas		9,079,075	1
	9/27/2024 15:45	9/27/2024 18:00	135	4	1,003,877	2.13	48	Cloudburst		3,745,465	1
	9/28/2024 5:30	9/28/2024 10:00	270	4	1,290,546	2.13	48	Cloudburst		4,815,028	1
	11/10/2024 7:15	11/10/2024 13:30	375	2	5,929,186	0.98	6	Atlas		12,558,015	1
	11/13/2024 19:15	11/14/2024 5:30	615	2	8,284,410	0.97	12	Atlas		17,654,078	1
	12/18/2024 7:30	12/18/2024 10:30	180	1	6,447,070	0.4	6	Atlas		5,318,833	1
	2/15/2025 19:30	2/16/2025 4:00	510	3	19,102,740	1.53	24	Cloudburst		56,849,754	1
	3/15/2025 16:30	3/16/2025 4:30	720	2	10,764,361	0.93	12	Atlas		25,952,875	1
	3/30/2025 21:30	3/30/2025 22:45	75	1	1,410,828	0.57	3	Atlas		1,240,118	1
	4/2/2025 23:30	4/3/2025 2:00	150	7	1,176,389	4	48	Atlas		7,759,459	1
	4/3/2025 20:15	4/4/2025 14:30	1095	7	4,618,394	4	48	Atlas		30,462,924	1
	4/5/2025 17:30	4/5/2025 21:30	240	7	1,471,404	4	48	Atlas		9,705,378	1
	4/6/2025 12:00	4/6/2025 21:00	540	7	28,866,375	4	48	Atlas		177,210,612	1
	5/4/2025 19:45	5/4/2025 20:15	30	1	750,778	0.36	48	Atlas		900,183	1
CSO189 Total										419,869,411	18
CSO193	7/3/2024 19:15	7/3/2024 19:45	30	1	14,890	0.8	1	Atlas		18,419	1
	7/9/2024 21:30	7/9/2024 22:15	45	1	7,673	0.43	3	Atlas		5,202	1
	7/22/2024 19:00	7/22/2024 19:15	15	0	59	0.23	1	Atlas		16	1
	9/13/2024 5:45	9/13/2024 10:00	255	2	674	0.8	6	Atlas		1,048	1
	9/24/2024 5:15	9/24/2024 5:30	15	1	2,162	0.33	12	Atlas		1,725	1
	9/27/2024 7:15	9/27/2024 13:30	375	3	1,140	1.35	48	Cloudburst		3,756	1
	11/6/2024 3:00	11/6/2024 7:15	255	1	20,679	0.46	6	Atlas		17,473	1
	11/10/2024 5:15	11/10/2024 9:45	270	2	9,121	1.3	12	Cloudburst		20,925	1
	11/13/2024 19:15	11/13/2024 21:45	150	3	13,873	1.86	12	Cloudburst		36,666	1
	11/19/2024 3:15	11/19/2024 3:45	30	1	8,072	0.54	1	Atlas		6,458	1
	12/28/2024 23:00	12/29/2024 3:15	255	1	7,971	0.64	6	Atlas		9,517	1
	1/30/2025 17:30	1/30/2025 17:45	15	1	5	0.57	12	Atlas		7	1
	2/5/2025 23:15	2/5/2025 23:30	15	1	8,959	0.46	12	Atlas		10,303	1
	2/15/2025 18:00	2/16/2025 0:45	405	3	10,995	1.92	24	Cloudburst		34,987	1
	3/15/2025 14:30	3/15/2025 23:30	540	2	4,317	0.9	12	Atlas		9,415	1
	3/19/2025 22:00	3/19/2025 22:15	15	0	21,010	0.15	1	Atlas		3,677	1
	3/23/2025 17:00	3/23/2025 17:30	30	1	56,364	0.29	12	Atlas		35,340	1
	3/30/2025 21:15	3/30/2025 21:45	30	1	33,555	0.51	3	Atlas		27,683	1
	4/2/2025 23:45	4/3/2025 0:00	15	7	2,797	6.27	48	Atlas		20,410	1
	4/3/2025 17:30	4/4/2025 13:45	1215	7	21,504	6.27	48	Atlas		156,918	1
	4/5/2025 2:15	4/5/2025 8:30	375	7	36	6.27	48	Atlas		261	1
	4/5/2025 17:15	4/5/2025 18:30	75	7	1,150	6.27	48	Atlas		8,392	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
	4/24/2025 17:15	4/24/2025 18:00	45	1	4,325	0.42	3	Atlas		3,344	1
	5/5/2025 22:00	5/5/2025 22:15	15	1	4	0.34	48	Atlas		5	1
CSO193 Total										431,944	24
CSO195	7/3/2024 19:30	7/3/2024 19:45	15	2	33,599	0.76	1	Atlas		58,295	1
	7/31/2024 15:00	7/31/2024 15:15	15	1	20,338	0.65	1	Atlas		18,243	1
	11/13/2024 19:15	11/13/2024 19:30	15	3	29	1.88	12	Cloudburst		80	1
	4/3/2025 22:15	4/3/2025 22:30	15	7	753	4.76	48	Atlas		5,320	1
CSO195 Total										81,938	4
CSO196	7/3/2024 19:15	7/3/2024 19:45	30	2	6,826	0.76	1	Atlas		11,844	1
	7/9/2024 21:30	7/9/2024 22:15	45	1	2,752	0.45	3	Atlas		1,882	1
	7/13/2024 17:45	7/13/2024 18:00	15	0	448	0.16	1	Atlas		78	1
	7/31/2024 14:45	7/31/2024 15:30	45	1	67,596	0.65	1	Atlas		60,633	1
	8/1/2024 16:15	8/1/2024 16:30	15	1	3,019	0.55	1	Atlas		2,002	1
	8/16/2024 8:00	8/16/2024 8:15	15	0	9,393	0.29	1	Atlas		3,109	1
	9/13/2024 6:00	9/13/2024 6:15	15	1	430	0.75	6	Atlas		618	1
	9/24/2024 5:00	9/24/2024 5:15	15	1	44,040	0.37	1	Atlas		35,364	1
	9/27/2024 13:00	9/27/2024 13:15	15	3	4	1.37	48	Cloudburst		14	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	288	0.5	6	Atlas		266	1
	11/13/2024 19:15	11/13/2024 20:30	75	3	23,236	1.88	12	Cloudburst		62,737	1
	11/19/2024 3:15	11/19/2024 3:45	30	1	3,283	0.57	1	Atlas		2,781	1
	12/2/2024 17:00	12/3/2024 12:30	1170	0	987,836	0.01	1	Atlas		7,903	1
	3/23/2025 17:00	3/23/2025 17:15	15	1	28	0.35	3	Atlas		20	1
	3/30/2025 21:00	3/30/2025 21:15	15	1	21	0.51	3	Atlas		18	1
	4/2/2025 23:30	4/2/2025 23:45	15	7	8,884	4.76	48	Atlas		62,794	1
	4/3/2025 22:00	4/4/2025 4:45	405	7	9,187	4.76	48	Atlas		64,932	1
	4/4/2025 13:00	4/4/2025 13:15	15	7	748	4.76	48	Atlas		5,284	1
	5/20/2025 4:30	5/20/2025 5:00	30	1	219	0.35	3	Atlas		165	1
CSO196 Total										322,446	19
CSO197	7/3/2024 19:15	7/3/2024 19:45	30	2	871	0.76	1	Atlas		1,512	1
	7/9/2024 21:30	7/9/2024 22:15	45	1	1,655	0.45	3	Atlas		1,132	1
	7/22/2024 18:45	7/22/2024 19:00	15	0	1,733	0.25	1	Atlas		503	1
	7/31/2024 14:45	7/31/2024 15:30	45	1	4,649	0.65	1	Atlas		4,171	1
	8/1/2024 16:15	8/1/2024 16:30	15	1	3,405	0.55	1	Atlas		2,257	1
	8/16/2024 8:00	8/16/2024 8:15	15	0	4,196	0.29	1	Atlas		1,389	1
	9/24/2024 5:00	9/24/2024 5:15	15	1	1,414	0.37	1	Atlas		1,136	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	406	0.5	6	Atlas		376	1
	11/13/2024 19:00	11/13/2024 20:30	90	3	1,027	1.88	12	Cloudburst		2,774	1
	11/19/2024 3:15	11/19/2024 3:30	15	1	1,341	0.57	1	Atlas		1,136	1
	3/30/2025 21:00	3/30/2025 21:15	15	1	755	0.51	3	Atlas		629	1

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	4/2/2025 23:30	4/2/2025 23:45	15	7	143	4.76	48	Atlas		1,009	1
	4/3/2025 22:00	4/4/2025 4:45	405	7	267	4.76	48	Atlas		1,888	1
	4/4/2025 13:00	4/4/2025 13:15	15	7	143	4.76	48	Atlas		1,009	1
CSO197 Total										20,918	14
CSO198	7/3/2024 19:15	7/3/2024 19:45	30	2	10,442	0.76	1	Atlas		18,117	1
	7/9/2024 21:30	7/9/2024 22:15	45	1	16,544	0.45	3	Atlas		11,316	1
	7/22/2024 18:45	7/22/2024 19:00	15	0	1,108	0.25	1	Atlas		321	1
	7/31/2024 14:45	7/31/2024 15:30	45	1	22,785	0.65	1	Atlas		20,438	1
	8/1/2024 16:15	8/1/2024 16:30	15	1	3,903	0.55	1	Atlas		2,587	1
	8/16/2024 8:00	8/16/2024 8:15	15	0	21,842	0.29	1	Atlas		7,230	1
	9/13/2024 6:00	9/13/2024 6:15	15	1	411	0.75	6	Atlas		592	1
	9/24/2024 5:00	9/24/2024 5:15	15	1	12,443	0.37	1	Atlas		9,992	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	1,685	0.5	6	Atlas		1,559	1
	11/13/2024 19:00	11/13/2024 20:30	90	3	5,540	1.88	12	Cloudburst		14,958	1
	11/19/2024 3:15	11/19/2024 3:30	15	1	7,918	0.57	1	Atlas		6,706	1
	3/30/2025 21:00	3/30/2025 21:15	15	1	2,694	0.51	3	Atlas		2,244	1
	4/2/2025 23:30	4/2/2025 23:45	15	7	1,495	4.76	48	Atlas		10,570	1
	4/3/2025 22:00	4/4/2025 4:45	405	7	2,242	4.76	48	Atlas		15,846	1
	4/4/2025 13:00	4/4/2025 13:15	15	7	875	4.76	48	Atlas		6,183	1
CSO198 Total										128,659	15
CSO199	7/3/2024 19:30	7/3/2024 20:00	30	2	24,148	0.76	1	Atlas		41,897	1
	7/4/2024 12:45	7/4/2024 13:15	30	2	30	0.76	1	Atlas		52	1
	7/9/2024 21:30	7/9/2024 22:30	60	1	1,045	0.45	3	Atlas		715	1
	7/22/2024 18:45	7/22/2024 19:15	30	0	2,990	0.25	1	Atlas		867	1
	7/31/2024 14:45	7/31/2024 15:45	60	1	36,055	0.65	1	Atlas		32,342	1
	8/1/2024 16:15	8/1/2024 16:45	30	1	1,604	0.55	1	Atlas		1,063	1
	8/2/2024 6:15	8/2/2024 6:30	15	0	191	0.25	1	Atlas		61	1
	8/16/2024 8:00	8/16/2024 8:30	30	0	40,999	0.29	1	Atlas		13,571	1
	9/24/2024 5:00	9/24/2024 5:30	30	1	40,982	0.37	1	Atlas		32,909	1
	9/27/2024 7:15	9/27/2024 13:30	375	3	38	1.37	48	Cloudburst		126	1
	11/6/2024 3:00	11/6/2024 3:30	30	1	308	0.5	6	Atlas		285	1
	11/10/2024 6:15	11/10/2024 9:45	210	2	559	1.09	12	Cloudburst		1,235	1
	11/13/2024 19:00	11/13/2024 20:45	105	3	6,256	1.88	12	Cloudburst		16,892	1
	11/19/2024 3:00	11/19/2024 3:45	45	1	10,950	0.57	1	Atlas		9,274	1
	12/8/2024 23:15	12/8/2024 23:30	15	0	1	0.25	6	Atlas		0	1
	12/28/2024 23:00	12/29/2024 3:15	255	1	177	0.62	6	Atlas		208	1
	2/5/2025 23:15	2/6/2025 4:45	330	1	3,791	0.5	12	Atlas		4,830	1
	2/15/2025 18:15	2/16/2025 1:30	435	3	980	1.96	24	Cloudburst		3,135	1

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	3/23/2025 17:00	3/23/2025 17:15	15	1	18,346	0.35	3	Atlas		13,209	1
	3/30/2025 2:30	3/30/2025 2:45	15	0	1	0.19	1	Atlas		0	1
	3/30/2025 21:15	3/30/2025 21:30	15	1	8,290	0.51	3	Atlas		6,906	1
	4/2/2025 23:45	4/3/2025 0:00	15	7	398	4.76	48	Atlas		2,814	1
	4/3/2025 17:30	4/4/2025 5:00	690	7	5,699	4.76	48	Atlas		40,279	1
	4/4/2025 13:00	4/4/2025 13:30	30	7	1,428	4.76	48	Atlas		10,091	1
	4/5/2025 18:00	4/5/2025 18:15	15	7	134	4.76	48	Atlas		945	1
	4/24/2025 23:00	4/25/2025 2:15	195	1	49	0.34	6	Atlas		34	1
	4/25/2025 11:30	4/25/2025 11:45	15	0	101	0.17	12	Atlas		38	1
CSO199 Total										233,777	27
CSO200	7/3/2024 19:45	7/3/2024 20:00	15	2	103	0.76	1	Atlas		179	1
CSO200 Total										179	1
CSO201	7/3/2024 19:30	7/3/2024 20:00	30	1	58,676	0.8	1	Atlas		72,583	1
	7/4/2024 13:00	7/4/2024 13:15	15	1	2,995	0.43	1	Atlas		1,501	1
	7/9/2024 21:45	7/9/2024 22:00	15	1	8,450	0.43	3	Atlas		5,729	1
	7/31/2024 15:00	7/31/2024 15:30	30	1	19,716	0.72	1	Atlas		19,539	1
	8/1/2024 16:30	8/1/2024 16:45	15	1	17,366	0.71	1	Atlas		14,674	1
	9/24/2024 5:15	9/24/2024 5:30	15	1	16,431	0.33	12	Atlas		13,112	1
	11/13/2024 19:30	11/13/2024 19:45	15	3	8,324	1.86	12	Cloudburst		22,001	1
	11/19/2024 3:30	11/19/2024 3:45	15	1	891	0.54	1	Atlas		713	1
	3/30/2025 21:15	3/30/2025 21:30	15	1	3,262	0.51	3	Atlas		2,691	1
	4/2/2025 23:45	4/3/2025 0:00	15	7	2,980	6.27	48	Atlas		21,745	1
	4/3/2025 22:15	4/3/2025 22:45	30	7	3,860	6.27	48	Atlas		28,170	1
	4/4/2025 13:15	4/4/2025 13:30	15	7	321	6.27	48	Atlas		2,342	1
CSO201 Total										204,799	12
CSO202	7/3/2024 19:30	7/3/2024 20:00	30	2	22,066	0.76	1	Atlas		38,284	1
	7/4/2024 13:00	7/4/2024 13:15	15	2	86	0.76	1	Atlas		150	1
	7/9/2024 21:45	7/9/2024 22:00	15	1	1,446	0.45	3	Atlas		989	1
	7/22/2024 18:45	7/22/2024 19:15	30	0	6,911	0.25	1	Atlas		2,004	1
	7/31/2024 15:00	7/31/2024 15:45	45	1	2,847	0.65	1	Atlas		2,554	1
	8/1/2024 16:30	8/1/2024 16:45	15	1	3,119	0.55	1	Atlas		2,068	1
	8/2/2024 6:15	8/2/2024 6:30	15	0	65	0.25	1	Atlas		21	1
	8/16/2024 8:15	8/16/2024 8:30	15	0	1,226	0.29	1	Atlas		406	1
	9/13/2024 5:30	9/13/2024 9:45	255	1	1,162	0.75	6	Atlas		1,672	1
	9/24/2024 5:00	9/24/2024 5:30	30	1	1,871	0.37	1	Atlas		1,502	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	315	0.5	6	Atlas		292	1
	11/10/2024 6:15	11/10/2024 9:30	195	2	1,379	1.09	12	Cloudburst		3,046	1
	11/13/2024 19:00	11/13/2024 20:45	105	3	3,549	1.88	12	Cloudburst		9,583	1

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	11/19/2024 3:00	11/19/2024 3:45	45	1	4,668	0.57	1	Atlas		3,953	1
	12/28/2024 22:45	12/28/2024 23:00	15	1	628	0.62	6	Atlas		737	1
	2/5/2025 16:15	2/6/2025 4:45	750	1	1,608	0.5	12	Atlas		2,049	1
	2/15/2025 20:30	2/16/2025 0:30	240	3	46	1.96	24	Cloudburst		147	1
	3/15/2025 6:45	3/15/2025 7:00	15	2	719	0.9	12	Atlas		1,586	1
	3/23/2025 17:00	3/23/2025 17:15	15	1	4,208	0.35	3	Atlas		3,029	1
	3/30/2025 21:15	3/30/2025 21:30	15	1	745	0.51	3	Atlas		621	1
	4/2/2025 23:45	4/3/2025 0:00	15	7	0	4.76	48	Atlas		0	1
	4/3/2025 18:45	4/4/2025 4:45	600	7	2,247	4.76	48	Atlas		15,880	1
	4/4/2025 13:00	4/4/2025 13:30	30	7	705	4.76	48	Atlas		4,980	1
	5/20/2025 4:30	5/20/2025 4:45	15	1	2,222	0.35	3	Atlas		1,676	1
CSO202 Total										97,229	24
CSO203	7/3/2024 19:30	7/3/2024 20:00	30	2	24,979	0.76	1	Atlas		43,339	1
	7/4/2024 13:00	7/4/2024 13:15	15	2	1	0.76	1	Atlas		2	1
	7/9/2024 21:45	7/9/2024 22:00	15	1	27	0.45	3	Atlas		19	1
	7/31/2024 15:00	7/31/2024 15:30	30	1	724	0.65	1	Atlas		650	1
	8/1/2024 16:30	8/1/2024 16:45	15	1	1,247	0.55	1	Atlas		827	1
	9/24/2024 5:15	9/24/2024 5:30	15	1	2,407	0.37	1	Atlas		1,932	1
	11/13/2024 19:15	11/13/2024 19:45	30	3	1,001	1.88	12	Cloudburst		2,704	1
	3/23/2025 17:00	3/23/2025 17:15	15	1	4,075	0.35	3	Atlas		2,934	1
	3/30/2025 21:15	3/30/2025 21:30	15	1	2,702	0.51	3	Atlas		2,251	1
	4/2/2025 23:45	4/3/2025 0:00	15	7	59	4.76	48	Atlas		414	1
	4/3/2025 22:15	4/3/2025 22:45	30	7	1,146	4.76	48	Atlas		8,101	1
	4/4/2025 13:00	4/4/2025 13:30	30	7	69	4.76	48	Atlas		484	1
CSO203 Total										63,656	12
CSO208	7/3/2024 19:15	7/3/2024 19:30	15	1	5,630	0.91	1	Atlas		7,673	1
	7/31/2024 14:45	7/31/2024 15:00	15	1	1,089	0.82	1	Atlas		1,298	1
	4/3/2025 22:00	4/3/2025 22:15	15	5	4,353	7.82	48	Atlas		21,595	1
	4/4/2025 13:00	4/4/2025 13:15	15	5	414	7.82	48	Atlas		2,054	1
CSO208 Total										32,620	4
CSO210	7/3/2024 19:00	7/5/2024 14:00	2580	2	5,214,361	0.91	1	Atlas		10,058,503	1
	7/9/2024 9:30	7/9/2024 13:30	240	1	58,466	0.53	1	Atlas		69,049	1
	7/9/2024 22:00	7/10/2024 12:00	840	1	197,432	0.53	1	Atlas		233,167	1
	7/22/2024 18:15	7/23/2024 0:15	360	0	381,168	0.2	1	Atlas		88,050	1
	7/29/2024 5:30	7/29/2024 11:00	330	1	101,571	0.35	24	Atlas		94,359	1
	7/31/2024 14:30	8/1/2024 0:15	585	1	465,905	0.76	1	Atlas		502,246	1
	8/1/2024 16:00	8/2/2024 12:45	1245	0	1,646,128	0.24	1	Atlas		507,007	1
	8/16/2024 9:30	8/16/2024 12:45	195	0	397,850	0.13	1	Atlas		59,280	1
	9/13/2024 6:00	9/13/2024 18:00	720	1	292,841	0.74	6	Atlas		412,319	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
	9/24/2024 4:45	9/25/2024 1:15	1230	1	760,800	0.27	12	Atlas		483,108	1
	9/27/2024 2:00	9/29/2024 4:45	3045	4	356,312	2.36	48	Cloudburst		1,351,136	1
	10/31/2024 14:00	10/31/2024 18:15	255	0	177,545	0.26	3	Atlas		81,848	1
	11/6/2024 3:45	11/6/2024 20:00	975	1	559,431	0.51	6	Atlas		525,865	1
	11/10/2024 5:30	11/11/2024 6:00	1470	2	420,130	1.36	6	Cloudburst		962,098	1
	11/13/2024 18:45	11/16/2024 3:15	3390	2	744,900	1.53	12	Cloudburst		1,807,128	1
	11/19/2024 3:00	11/20/2024 2:45	1425	1	763,682	0.49	1	Atlas		546,797	1
	11/28/2024 2:00	11/28/2024 11:15	555	0	636,241	0.14	6	Atlas		187,055	1
	12/9/2024 0:45	12/10/2024 8:00	1875	1	1,304,095	0.27	6	Atlas		667,697	1
	12/15/2024 2:00	12/19/2024 22:30	6990	0	5,787,171	0.22	12	Atlas		2,795,204	1
	1/18/2025 3:45	1/19/2025 2:00	1335	0	1,601,955	0.17	6	Atlas		511,024	1
	1/30/2025 17:30	2/6/2025 17:00	10050	1	1,260,970	0.58	12	Atlas		1,743,922	1
	2/15/2025 9:45	2/17/2025 23:30	3705	3	602,513	1.69	24	Cloudburst		1,844,894	1
	2/18/2025 12:15	2/18/2025 18:00	345	0	1,775	0.01	1	Atlas		21	1
	3/5/2025 2:15	3/5/2025 15:30	795	1	215,145	0.26	12	Atlas		139,844	1
	3/15/2025 9:00	3/16/2025 16:30	1890	2	356,315	0.94	12	Atlas		838,410	1
	3/19/2025 21:30	3/20/2025 4:00	390	0	474,990	0.25	1	Atlas		140,597	1
	3/23/2025 16:45	3/24/2025 3:45	660	1	229,788	0.29	3	Atlas		141,319	1
	3/30/2025 4:15	3/31/2025 9:00	1725	0	1,442,955	0.21	1	Atlas		385,269	1
	4/2/2025 23:15	4/6/2025 1:00	4425	5	669,972	6.62	48	Atlas		3,209,837	1
	4/24/2025 15:45	4/25/2025 22:45	1860	1	823,538	0.43	3	Atlas		680,242	1
	5/4/2025 15:30	5/20/2025 10:30	22740	1	96,039	0.36	48	Atlas		114,767	1
CSO210 Total										31,182,063	31
CSO211	7/3/2024 19:30	7/4/2024 3:15	485	2	21,299,381	0.91	1	Atlas		41,086,506	1
	7/4/2024 13:30	7/4/2024 15:45	135	2	1,777,833	0.91	1	Atlas		3,429,441	1
	7/9/2024 22:15	7/10/2024 0:45	150	1	4,865,294	0.53	1	Atlas		5,745,913	1
	7/31/2024 15:00	7/31/2024 21:00	360	1	24,844,656	0.76	1	Atlas		26,782,539	1
	8/1/2024 17:15	8/1/2024 19:30	135	0	7,021,945	0.24	1	Atlas		2,162,759	1
	9/13/2024 6:15	9/13/2024 12:15	360	1	17,621,830	0.74	6	Atlas		24,811,537	1
	9/24/2024 5:45	9/24/2024 8:00	135	1	8,666,828	0.27	12	Atlas		5,503,436	1
	9/24/2024 18:45	9/24/2024 20:00	75	1	638,263	0.27	12	Atlas		405,297	1
	9/27/2024 6:30	9/28/2024 19:15	2205	4	27,276,332	2.36	48	Cloudburst		103,431,850	1
	11/6/2024 4:00	11/6/2024 15:45	705	1	16,913,838	0.51	6	Atlas		15,899,008	1
	11/10/2024 6:00	11/10/2024 22:30	990	2	31,149,597	1.36	6	Cloudburst		71,332,576	1
	11/13/2024 19:15	11/14/2024 23:45	1710	2	51,126,253	1.53	12	Cloudburst		124,032,290	1
	11/19/2024 3:30	11/19/2024 14:00	630	1	30,423,776	0.49	1	Atlas		21,783,424	1
	12/9/2024 0:30	12/9/2024 4:45	255	1	3,330,592	0.27	6	Atlas		1,705,263	1
	12/15/2024 2:30	12/15/2024 5:15	165	0	44,680	0.22	12	Atlas		21,580	1

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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
	12/16/2024 9:45	12/17/2024 2:30	1005	1	21,320,668	0.39	12	Atlas		18,079,926	1
	12/18/2024 2:45	12/19/2024 6:45	1680	1	55,041,488	0.38	6	Atlas		42,987,403	1
	12/27/2024 12:15	12/27/2024 14:45	150	0	1,347,170	0.2	3	Atlas		410,887	1
	12/28/2024 23:15	12/29/2024 22:30	1395	1	21,636,588	0.54	6	Atlas		21,701,498	1
	1/30/2025 18:30	1/31/2025 11:00	990	1	15,005,167	0.58	12	Atlas		20,752,146	1
	2/5/2025 21:30	2/6/2025 7:00	570	1	12,177,771	0.46	12	Atlas		14,394,125	1
	2/15/2025 18:15	2/16/2025 18:30	1335	3	23,545,266	1.69	24	Cloudburst		72,095,606	1
	3/15/2025 15:00	3/16/2025 0:45	585	2	6,912,398	0.94	12	Atlas		16,264,872	1
	3/16/2025 9:00	3/16/2025 9:45	45	2	58,400	0.94	12	Atlas		137,416	1
	3/23/2025 19:30	3/23/2025 21:30	120	1	3,682,880	0.29	3	Atlas		2,264,971	1
	3/30/2025 21:45	3/31/2025 1:15	210	1	4,231,686	0.63	3	Atlas		4,108,967	1
	4/3/2025 0:00	4/4/2025 17:30	2490	5	28,019,802	6.62	48	Atlas		134,242,870	1
	4/5/2025 8:15	4/5/2025 22:30	855	2	5,342,019	0.83	24	Atlas		13,184,104	1
	4/24/2025 18:00	4/24/2025 20:15	135	1	6,909,909	0.43	3	Atlas		5,707,585	1
CSO211 Total										814,465,792	29

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APPENDIX B

ANNUAL AVERAGE OVERFLOW VOLUME

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		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	861.1	9930	165.5	2779.9	68580	1143
016	8	0.4	285	4.75	49.0	16035	267.25	39.0	5625	93.75
018	0	0.0	0	0	10.0	930	15.5	158.1	30045	500.75
019	8	13.6	435	7.25	14.4	480	8	192.7	15990	266.5
020	8	1.0	435	7.25	297.8	24075	401.25	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	0.0	0	0	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	0	0	1.1	2520	42
029	8	0.0	105	1.75	0.1	180	3	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	300	5	3.0	7680	128
035	N/A5	0.0	0	0	0.0	30	0.5	0.0	0	0
036	8	0.1	165	2.75	0.1	255	4.25	0.2	480	8
038	N/A5	0.1	195	3.25	0.1	375	6.25	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	10.0	5895	98.25	0.3	1020	17
052	N/A6	CSO Reporting Merged with CSO051			CSO Reporting Merged with CSO051			CSO Reporting Merged with CSO051		
053	8	0.0	0	0	0.2	285	4.75	2.5	2700	45
054	8	0.2	465	7.75	0.2	255	4.25	7.7	11100	185
055	8	1.3	510	8.5	0.7	240	4	1.8	8865	147.75
056	8	0.0	0	0	0.0	30	0.5	4.9	2535	42.25
057	N/A5	0.0	0	0	0.0	0	0	4.3	2550	42.5
058	8	0.0	0	0	0.0	0	0	0.0	0	0
062	8	0.8	255	4.25	28.9	3615	60.25	51.4	21510	358.5
082	0	0.0	0	0	2.7	1500	25	100.4	18525	308.75
083	N/A6	CSO Reporting Merged with CSO119			CSO Reporting Merged with CSO119			19.2	11925	198.75
084	0	0.0	0	0	3.9	1125	18.75	0.5	345	5.75
086	N/A5	0.0	0	0	0.0	0	0	19.2	5205	86.75
088	4	0.0	45	0.75	0.0	105	1.75	0.0	0	0
091	8	0.0	0	0	0.0	0	0	10.7	8685	144.75
092	N/A5	0.0	0	0	0.0	0	0	2.7	9675	161.25
093	0	0.0	0	0	0.0	0	0	1.3	30	0.5
097	8	0.3	285	4.75	0.4	345	5.75	0.0	60	1
								17.7	12390	206.5

CSO	IOAP APPROVED LEVEL OF CONTROL	MODELED TYPICAL YEAR ACTIVATIONS FOR POST-IOAP CONDITIONS ¹			MODELED TYPICAL YEAR ACTIVATIONS FOR CURRENT CONDITIONS ²			MODELED TYPICAL YEAR ACTIVATIONS FOR PRE-IOAP CONDITIONS ³		
		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
104	N/A6	CSO Reporting Merged with CSO105			CSO Reporting Merged with CSO105					
105	8	29.0	585	9.75	68.5	1545	25.75	9.5	2955	49.25
106	N/A4	N/A - CSO Eliminated			N/A - CSO Eliminated					
108	8	1.6	210	3.5	2.8	525	8.75	51.9	7410	123.5
109	N/A5	2.3	705	11.75	1.8	1095	18.25	1.2	1695	28.25
110	8	0.3	240	4	0.4	285	4.75	20.0	9735	162.25
111	8	0.7	315	5.25	0.8	360	6	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	47.3	3525	58.75	86.4	13320	222
118	0	0.0	0	0	25.5	2295	38.25	117.5	10350	172.5
119	0	0.9	1185	19.75	3.0	1755	29.25	10.3	7830	130.5
120	0	0.0	0	0	1.5	1290	21.5	7.5	6825	113.75
121	0	0.0	0	0	1.6	450	7.5	5.5	1890	31.5
125	4	0.0	0	0	5.6	705	11.75	24.4	5295	88.25
126	4	0.0	0	0	0.3	375	6.25	3.4	3225	53.75
127	N/A4	N/A - CSO Eliminated			N/A - CSO Eliminated					
130	8	0.0	0	0	0.0	0	0	12.0	4170	69.5
131	4	0.1	75	1.25	0.1	135	2.25	1.7	135	2.25
132	4	0.0	0	0	0.0	0	0	83.3	0	0
137	N/A4	N/A - CSO Eliminated			N/A - CSO Eliminated					
140	0	0.0	0	0	0.1	165	2.75	9.5	7950	132.5
141	0	0.0	0	0	0.0	0	0	2.6	3030	50.5
142	N/A6	CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184					
144	N/A5	0.6	345	5.75	0.5	495	8.25	0.0	0	0
146	8	0.7	315	5.25	1.2	405	6.75	0.8	225	3.75
148	8	0.0	0	0	0.0	0	0	37.6	5910	98.5
149	8	22.4	1920	32	25.8	2715	45.25	0.7	1650	27.5
150	N/A6	CSO Reporting Merged with CSO053			CSO Reporting Merged with CSO053					
151	8	0.0	90	1.5	0.1	165	2.75	138.5	7590	126.5
152	8	6.0	720	12	7.8	960	16	0.8	1575	26.25
153	0	0.0	0	0	5.3	3960	66	97.7	35145	585.75
154	4	0.0	0	0	0.0	0	0	58.9	11715	195.25
155	8	0.0	0	0	0.0	0	0	18.7	15345	255.75
160	0	0.0	0	0	0.0	0	0	23.0	15480	258
161	N/A5	0.0	0	0	0.0	0	0	0.6	2130	35.5
								0.0	465	7.75
								0.0	0	0

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CSO	IOAP APPROVED LEVEL OF CONTROL	MODELED TYPICAL YEAR ACTIVATIONS FOR POST-IOAP CONDITIONS ¹			MODELED TYPICAL YEAR ACTIVATIONS FOR CURRENT CONDITIONS ²			MODELED TYPICAL YEAR ACTIVATIONS FOR PRE-IOAP CONDITIONS ³		
		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
166	4	0.0	0	0	0.1	45	0.75	52.5	5595	93.25
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	0.2	105	1.75	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	5.3	645.0	10.75	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	65.7	1785	29.75	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	0.1	315	5.25	0.1	315	5.25
195	8	0.0	0	0	0.0	135	2.25	2.8	10545	175.75
196	8	0.0	0	0	0.0	240	4	0.0	495	8.25
197	8	0.0	165	2.75	0.1	270	4.5	2.8	8385	139.75
198	N/A5	0.0	150	2.5	0.1	255	4.25	0.1	510	8.5
199	8	0.0	150	2.5	0.0	255	4.25	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	0.4	465	7.75	0.7	1245	20.75
202	8	0.0	150	2.5	0.0	285	4.75	0.1	1895	28.25
203	N/A5	0.0	0	0	0.0	255	4.25	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	16.6	13110	218.5	19.4	5835	97.25
211	8	34.4	690	11.5	1085.7	20235	337.25	1090.4	18585	309.75

CSO	IOAP APPROVED LEVEL OF CONTROL	MODELED TYPICAL YEAR ACTIVATIONS FOR POST-IOAP CONDITIONS ¹			MODELED TYPICAL YEAR ACTIVATIONS FOR CURRENT CONDITIONS ²			MODELED TYPICAL YEAR ACTIVATIONS FOR PRE-IOAP CONDITIONS ³		
		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 completed Long Term Control Plan projects. This model reflects the updated projects included in the 2021 IOAP modification. Modeling results assume MF-WQTC 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 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 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. 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, 2024. 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 conditions 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 conjunction 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 location.								

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	3402 CHARLANE PKY	7/31/2024 18:20	7/31/2024 23:00	28,000	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3825187	WO#3825368.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	7/31/2024 18:25	7/31/2024 23:05	2,800	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3825188	WO#3825370.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	7/31/2024 18:30	7/31/2024 23:06	8,250	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3825191	WO#3825371.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3506 CHARLANE PKY	7/31/2024 18:35	7/31/2024 23:07	5,400	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3825192	WO#3825372.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	7/31/2024 18:40	7/31/2024 23:08	5,400	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3825193	WO#3825373.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	7/31/2024 18:45	7/31/2024 23:09	5,400	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3825194	WO#3825374.	LOCATION INCLUDED IN IOAPA SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	7/31/2024 18:50	7/31/2024 23:10	13,250	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3825195	WO#3825375.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	8/1/2024 18:15	8/3/2024 17:45	90,000	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3825406	WO#3825388.	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	8/1/2024 18:46	8/2/2024 0:30	17,250	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3825408	WO#3825370.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	8/1/2024 18:47	8/2/2024 0:28	17,250	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3825409	WO#3825371.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3506 CHARLANE PKY	8/1/2024 18:48	8/2/2024 0:26	17,250	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3825411	WO#3825372.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	8/1/2024 18:49	8/2/2024 0:24	17,250	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3825412	WO#3825373.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	8/1/2024 18:50	8/2/2024 0:22	33,000	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3825414	WO#3825374.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	8/1/2024 18:51	8/2/2024 0:19	24,750	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3825416	WO#3825375.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	9/24/2024 18:15	9/24/2024 21:45	200,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3852943	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM.	LOCATION INCLUDED IN IOAPA SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2408 GRAY FOX RD	9/24/2024 19:30	9/25/2024 6:00	15,750	Sewer Manhole	27012	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3852947	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	LOCATION INCLUDED IN IOAPA SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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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 DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	9/27/2024 8:45	9/29/2024 14:30	500,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853682	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	3402 CHARLANE PKY	9/27/2024 8:45	9/29/2024 3:45	129,000	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853684	WO#3853944	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	9/27/2024 8:48	9/29/2024 3:45	129,000	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853685	WO#3853945	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	9/27/2024 8:50	9/29/2024 3:49	64,500	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853686	WO#3853946	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3506 CHARLANE PKY	9/27/2024 8:52	9/29/2024 4:00	64,750	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853687	WO#3853947	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	9/27/2024 9:00	9/29/2024 4:05	64,625	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853688	WO#3853948	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2408 GRAY FOX RD	9/27/2024 10:30	9/29/2024 9:07	209,775	Sewer Manhole	27012	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853689	WO#3853951	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1044 ALTA VISTA RD	9/27/2024 10:35	9/29/2024 9:10	69,975	Sewer Manhole	27008	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853690	WO#3853952	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	1011 ALTA CIR	9/27/2024 10:40	9/29/2024 9:14	348,750	Sewer Manhole	45796	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853694	WQ#3853954	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1012 ALTA CIR	9/27/2024 10:55	9/29/2024 9:35	280,000	Sewer Manhole	40559	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853692	RESET SHIFTED MANHOLE LID. 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	1001 BRECKENRIDGE LN	9/27/2024 11:00	9/29/2024 6:30	4,700,000	Sewer Manhole	08835-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853683	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	202 OXMOOR LN	9/27/2024 11:40	9/29/2024 10:03	208,875	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853693	WQ#3853953	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	9/27/2024 13:00	9/29/2024 1:15	1,000	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853751	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	3620 CHARLANE PKY	9/27/2024 13:30	9/29/2024 4:10	116,000	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853703	WQ#3853949	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	9/27/2024 16:48	9/29/2024 4:15	53,175	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853790	WQ#3853950	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	201 BULLITT LN	9/27/2024 18:32	9/29/2024 9:55	295,000	Sewer Manhole	47582	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853791	WQ#3853955	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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FLOYDS FORK WQTC	KY0102784	12610 TOWNE CREEK RD	9/27/2024 22:01	9/28/2024 17:45	11,860	Sewer Lift Station	SSPSF-MIT1			POWER OUTAGE (LG&E).	POWER OUTAGE (LG&E)	3853803	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	LG&E RESTORED POWER.
HITE CREEK WQTC	KY0022420	7260 FLOYDSBURG RD	9/27/2024 22:30	9/28/2024 3:02	23,000	Sewer Lift Station	SSPSHC-FLBR	DITCH	FLOYDS FORK	POWER OUTAGE (LG&E).	POWER OUTAGE (LG&E)	3853805	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	LG&E RESTORED POWER.
MORRIS FORMAN WQTC	KY0022411	4341 PRUITT CT	9/28/2024 8:30	9/28/2024 18:38	152,000	Sewer Manhole	08430	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853857	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	4309 PRUITT CT	9/28/2024 9:38	9/28/2024 18:38	6,080	Sewer Manhole	08426	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853860	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	4335 PRUITT CT	9/28/2024 9:40	9/28/2024 18:38	9,120	Sewer Manhole	08429	GROUND	BLUECHEL BRANCH	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853862	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	9 MUIRFIELD PL	9/28/2024 9:44	9/29/2024 10:30	37,150	Sewer Manhole	01793	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853855	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	4801 CASSIA CT	9/28/2024 10:30	9/29/2024 11:04	147,400	Sewer Manhole	46623	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853856	WO#3853856.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	9114 CINDERELLA LN	9/28/2024 11:36	9/28/2024 13:36	1,970	Sewer Manhole	102339	GROUND	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3853864	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
HITE CREEK WQTC	KY0022420	7260 FLOYDSBURG RD	9/28/2024 11:40	9/29/2024 17:39	19,000	Sewer Lift Station	SSPSHC-FLBR	DITCH	FLOYDS FORK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3853865	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
CEDAR CREEK WQTC	KY0028540	10800 FAIRMOUNT RD	9/28/2024 16:14	9/29/2024 12:16	180,300	Sewer Manhole	97365	GROUND	BIG RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3853883	MSD PERSONNEL WILL CLEAN AND SANITIZE THE IMPACTED AREA.	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	11/10/2024 8:30	11/11/2024 0:15	1,900,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3868672	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	11/10/2024 8:30	11/10/2024 19:15	450	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868671	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM.	LOCATION INCLUDED IN IOAP. A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	11/10/2024 9:15	11/10/2024 21:45	93,750	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868673	WO#38686931.	LOCATION INCLUDED IN IOAP. A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	11/10/2024 9:16	11/11/2024 7:05	65,000	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868675	WO#38686935.	LOCATION INCLUDED IN IOAP. A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	11/10/2024 9:17	11/11/2024 7:08	98,250	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868679	WO#38686936.	LOCATION INCLUDED IN IOAP. A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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MORRIS FORMAN WQTC	KY0022411	3506 CHARLANE PKY	11/10/2024 9:18	11/11/2024 7:10	65,500	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868764	WO#3868937.	LOCATION INCLUDED IN IOAP. A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	11/10/2024 9:19	11/11/2024 7:12	65,000	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868766	WO#3868939.	LOCATION INCLUDED IN IOAP. A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	11/10/2024 9:20	11/11/2024 7:25	33,125	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868771	WO#3868940.	LOCATION INCLUDED IN IOAP. A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	11/10/2024 9:22	11/11/2024 7:17	65,750	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868772	WO#3868941.	LOCATION INCLUDED IN IOAP. A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1001 BRECKENRIDGE LN	11/10/2024 10:15	11/10/2024 21:00	600,000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868773	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM.	LOCATION INCLUDED IN IOAP. A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2408 GRAY FOX RD	11/10/2024 11:45	11/10/2024 17:05	24,000	Sewer Manhole	27012	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868775	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	LOCATION INCLUDED IN IOAP. A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1011 ALTA CIR	11/10/2024 12:08	11/10/2024 17:08	37,500	Sewer Manhole	45796	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868776	WO#3868960.	LOCATION INCLUDED IN IOAP. 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	11/10/2024 12:15	11/10/2024 17:00	28,500	Sewer Manhole	40559	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868777	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	LOCATION INCLUDED IN IOAP. A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	201 BULLITT LN	11/10/2024 13:00	11/11/2024 6:40	26,500	Sewer Manhole	47582	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868814	WO#3868982.	LOCATION INCLUDED IN IOAP. SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	202 OXMOOR LN	11/10/2024 13:05	11/11/2024 6:49	100,600	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868815	WO#3868981.	LOCATION INCLUDED IN IOAP. SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4801 CASSIA CT	11/10/2024 14:20	11/10/2024 17:30	4,750	Sewer Manhole	46623	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868816	WO#3868994.	LOCATION INCLUDED IN IOAP. SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1804 ROUND RIDGE RD	11/10/2024 14:25	11/10/2024 17:32	4,750	Sewer Manhole	65623	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868818	CLEAN UP NOT POSSIBLE - DUE TO THE SIZE OF THE CREEK AND LACK OF ACCESS TO THE DISCHARGE AREAS.	LOCATION INCLUDED IN IOAP. SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1728 FRASER DR	11/13/2024 19:45	11/15/2024 16:00	195,840	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869495	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LACK OF SYSTEM CAPACITY HEAVY RAIN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	11/13/2024 20:30	11/15/2024 21:15	8,900,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869503	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	3402 CHARLANE PKY	11/13/2024 20:45	11/15/2024 4:30	238,125	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869517	WO#3869331.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1001 BRECKENRIDGE LN	11/13/2024 21:15	11/15/2024 14:15	6,000,000	Sewer Manhole	08835-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869501	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LACK OF SYSTEM CAPACITY HEAVY RAIN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	11/14/2024 3:32	11/15/2024 4:32	75,000	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869519	WO#3869335.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	11/14/2024 3:34	11/15/2024 4:34	75,000	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869522	WO#3869336.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3506 CHARLANE PKY	11/14/2024 3:35	11/15/2024 4:36	75,000	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869526	WO#3869337.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	11/14/2024 3:38	11/15/2024 4:38	75,000	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869527	WO#3869339.	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	11/14/2024 3:39	11/15/2024 5:00	152,100	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869529	WO#3869940.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	11/14/2024 3:42	11/15/2024 5:02	114,000	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869530	WO#3869941.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4309 PRUITT CT	11/14/2024 3:45	11/14/2024 14:00	18,450	Sewer Manhole	08426	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869534	WO#3869822.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4313 PRUITT CT	11/14/2024 3:45	11/14/2024 15:51	21,780	Sewer Manhole	08427	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869535	WO#3869823.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4335 PRUITT CT	11/14/2024 3:47	11/14/2024 14:00	6,150	Sewer Manhole	08429	GROUND	BUECHEL BRANCH	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869536	WO3869824.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4341 PRUITT CT	11/14/2024 3:47	11/14/2024 14:00	18,450	Sewer Manhole	08430	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869537	WO#3869826.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4315 PRUITT CT	11/14/2024 4:00	11/14/2024 16:00	36,000	Sewer Manhole	49647	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869538	WO#3869827.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3302 TROUT CREEK DR	11/14/2024 4:50	11/15/2024 4:15	70,250	Sewer Manhole	23211	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869539	WO#3869829.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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MORRIS FORMAN WQTC	KY0022411	1012 ALTA CIR	11/14/2024 4:50	11/15/2024 6:40	116,250	Sewer Manhole	40559	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869594	WO#3869853.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2001 TERRILL LN	11/14/2024 4:55	11/15/2024 4:15	35,125	Sewer Manhole	23212	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869540	WO#3869832.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2011 TERRILL LN	11/14/2024 4:56	11/15/2024 4:15	105,375	Sewer Manhole	51180	GROUND	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869562	WO#3869830.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2107 LITTLE CREEK CT	11/14/2024 5:00	11/15/2024 4:15	42,000	Sewer Service Line	46602107	GROUND	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869564	WO#3869831.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3305 INDIAN CREEK CT	11/14/2024 5:02	11/15/2024 4:15	35,000	Sewer Manhole	51160	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869563	WO#3869854.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	201 BULLITT LN	11/14/2024 5:25	11/15/2024 7:25	117,000	Sewer Manhole	47582	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869595	WO#3869855	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	202 OXMOOR LN	11/14/2024 5:30	11/15/2024 7:30	156,000	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869596	WO#3869856.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	7900 SHELBYVILLE RD	11/14/2024 5:35	11/15/2024 7:40	156,000	Sewer Manhole	02933	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869598	WO#3869858.	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	7913 SHELBYVILLE RD	11/14/2024 5:50	11/15/2024 7:50	156,000	Sewer Manhole	84155	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869599	WO#3869849.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4801 CASSIA CT	11/14/2024 7:22	11/15/2024 8:20	149,800	Sewer Manhole	46623	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869597	WO#3869894.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1804 ROUND RIDGE RD	11/14/2024 7:25	11/15/2024 8:23	149,800	Sewer Manhole	65623	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869602	CLEAN UP NOT POSSIBLE – DUE TO THE SIZE OF THE CREEK AND LACK OF ACCESS TO THE DISCHARGE AREAS..	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	423 ECHAPPE LN	11/14/2024 7:30	11/14/2024 16:36	50	Sewer Manhole	81440	GROUND	BEE LICK CREEK	LACK OF SYSTEM CAPACITY.	MECHANICAL FAILURE	3869680	PIPE DISCHARGING UNDERGROUND.	REFERRED TO CREW FOR INSPECTION.
MORRIS FORMAN WQTC	KY0022411	8021 CHRISTIAN CT	11/14/2024 12:45	11/15/2024 7:45	85,425	Sewer Manhole	90700	CATCH BASIN	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869612	WO#3869842.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2408 GRAY FOX RD	11/14/2024 14:50	11/15/2024 6:25	70,125	Sewer Manhole	27012	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869677	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	8016 SHELBYVILLE RD	11/14/2024 15:00	11/15/2024 8:00	76,500	Sewer Manhole	47603	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869675	WO#3869854.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	420 ECHAPPE LN	11/14/2024 15:42	11/14/2024 15:30	50	Sewer Manhole	81443	DITCH	BEE LICK CREEK	LACK OF SYSTEM CAPACITY	MECHANICAL FAILURE	3869679	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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MORRIS FORMAN WQTC	KY0022411	6001 RODES CT	11/14/2024 16:02	11/14/2024 16:02	1,020	Sewer Lift Station	SSPSMF-NEWM	STREAM	MUDDY FORK BEARGRASS CREEK	ELECTRIC COMPONENT FAILURE.	ELECTRICAL PROBLEMS AT MSD	3869681	NONE POSSIBLE DUE TO MAGNITUDE OF STORM.	ELECTRICIAN RETURN STATION BACK TO SERVICE.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	11/19/2024 6:00	11/19/2024 17:15	500,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3876449	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LACK OF SYSTEM CAPACITY HEAVY RAIN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	11/19/2024 7:00	11/19/2024 10:00	960	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3876448	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	11/19/2024 7:45	11/19/2024 10:55	135,000	Sewer Manhole	27012	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM LOCATION HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3876422	CLEAN UP NOT REQUIRED. MAGNITUDE OF STORM FLUSHED SOLIDS AND DEBRIS FROM SITE.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1011 ALTA CIR	11/19/2024 8:06	11/19/2024 11:05	9,000	Sewer Manhole	45796	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY - HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3876426	CLEAN UP NOT REQUIRED. MAGNITUDE OF STORM FLUSHED SOLIDS AND DEBRIS FROM SITE.	LOCATION INCLUDED IN IOAP.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	12/16/2024 14:45	12/17/2024 0:30	500,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3880131	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LACK OF SYSTEM CAPACITY HEAVY RAIN.	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	1201 OLD CANNONS LN	12/16/2024 14:45	12/17/2024 0:30	500,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3880983	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LACK OF SYSTEM CAPACITY HEAVY RAIN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	12/16/2024 15:15	12/17/2024 6:00	18,750	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3880144	WO#3880212.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	12/16/2024 15:15	12/16/2024 20:30	8,655	Sewer Manhole	18649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3880129	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LACK OF SYSTEM CAPACITY HEAVY RAIN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	12/16/2024 16:05	12/17/2024 6:00	20,875	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3880147	WO#3880213.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	12/16/2024 16:10	12/17/2024 6:00	20,875	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3880148	WO#3880214.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	12/18/2024 7:00	12/19/2024 15:30	1,800,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3880978	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LACK OF SYSTEM CAPACITY HEAVY RAIN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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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	1726 FRASER DR	12/18/2024 7:45	12/18/2024 21:45	74,000	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3880979	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LACK OF SYSTEM CAPACITY HEAVY RAIN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	12/18/2024 8:45	12/18/2024 16:00	21,000	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3880998	WO#3880212.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2408 GRAY FOX RD	12/18/2024 8:55	12/18/2024 16:00	6,000	Sewer Manhole	27012	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3880980	WO#3881122.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	12/18/2024 9:00	12/18/2024 16:28	10,950	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3881016	WO#3880213.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1011 ALTA CIR	12/18/2024 9:00	12/18/2024 16:00	7,200	Sewer Manhole	45796	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3880981	WO#3881123.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3408 CHARLANE PKY	12/18/2024 9:05	12/18/2024 16:23	10,950	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3881017	WO#3880214.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3506 CHARLANE PKY	12/18/2024 9:10	12/18/2024 15:00	8,750	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3881018	WO#3881118.	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	1001 BRECKENRIDGE LN	12/18/2024 9:15	12/18/2024 22:45	500,000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	38810997	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LACK OF SYSTEM CAPACITY HEAVY RAIN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	12/18/2024 9:15	12/18/2024 15:05	8,750	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3881020	WO#3881119.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	12/18/2024 9:20	12/18/2024 15:10	8,750	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3881027	WO#3881120.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	12/18/2024 9:25	12/18/2024 15:15	8,750	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3881028	WO#3881121.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	202 OXMOOR LN	12/18/2024 11:00	12/19/2024 5:50	277,500	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3881032	WO#3881126.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	201 BULLITT LN	12/18/2024 11:00	12/19/2024 5:50	55,500	Sewer Manhole	47582	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3881031	WO#3881125.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	12/29/2024 1:45	12/29/2024 16:15	67,000	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3886291	WO#3886337.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN

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WGTC NAME	WGTC 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 WGTC	KY0022411	1201 OLD CANNONS LN	12/29/2024 2:15	12/29/2024 23:00	1,200,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3886288	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LACK OF SYSTEM CAPACITY HEAVY RAIN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WGTC	KY0022411	1726 FRASER DR	12/29/2024 2:45	12/29/2024 14:15	53,000	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3886289	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LACK OF SYSTEM CAPACITY HEAVY RAIN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WGTC	KY0022411	3402 CHARLANE PKY	12/29/2024 4:35	12/29/2024 15:45	33,500	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3886293	WORK3886338.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WGTC	KY0022411	3406 CHARLANE PKY	12/29/2024 4:40	12/29/2024 15:50	33,500	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3886294	WORK3886339.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WGTC	KY0022411	1001 BRECKENRIDGE LN	12/29/2024 4:45	12/29/2024 8:45	30,000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3886290	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LACK OF SYSTEM CAPACITY HEAVY RAIN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WGTC	KY0022411	3506 CHARLANE PKY	12/29/2024 4:45	12/29/2024 15:55	16,750	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3886295	WORK3886340.	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	12/29/2024 4:50	12/29/2024 16:00	16,750	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3886296	WO#3886341.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	12/29/2024 4:55	12/29/2024 16:05	35,500	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3886297	WO#3886342.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	12/29/2024 5:00	12/29/2024 16:10	33,500	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3886298	WO#3886343.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	1/18/2025 12:30	1/19/2025 0:00	300,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3881688	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	3402 CHARLANE PKY	1/30/2025 21:15	1/31/2025 13:15	48,000	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3886854	WO#3886931.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	1/30/2025 21:17	1/31/2025 13:15	48,000	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3886866	WO#3886866.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	1/30/2025 21:18	1/31/2025 10:15	19,425	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3886867	WO#3886933.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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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	1201 OLD CANNONS LN	1/30/2025 21:30	1/31/2025 12:45	1,500,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3896850	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LACK OF SYSTEM CAPACITY HEAVY RAIN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3506 CHARLANE PKY	1/31/2025 0:30	1/31/2025 10:18	14,750	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3896868	WO#3896936.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	1/31/2025 0:32	1/31/2025 10:23	14,750	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3896869	WO#3896938.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	1/31/2025 0:33	1/31/2025 10:24	14,750	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3896870	WO#3896939.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	1/31/2025 0:34	1/31/2025 10:25	14,750	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3896871	WO#3896942.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	1/31/2025 1:00	1/31/2025 12:45	20,000	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3896852	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LACK OF SYSTEM CAPACITY HEAVY RAIN.	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	1011 ALTACIR	1/31/2025 1:38	1/31/2025 6:52	39,250	Sewer Manhole	45796	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3896877	WO#3896943.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2408 GRAY FOX RD	1/31/2025 1:42	1/31/2025 5:12	25,200	Sewer Manhole	27012	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3896874	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	1001 BRECKENRIDGE LN	1/31/2025 3:30	1/31/2025 12:45	100,000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3896851	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LACK OF SYSTEM CAPACITY HEAVY RAIN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	2/5/2025 23:45	2/6/2025 17:30	240,000	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3897767	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LACK OF SYSTEM CAPACITY HEAVY RAIN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	2/6/2025 0:30	2/7/2025 0:15	1,400,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3897768	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	3402 CHARLANE PKY	2/6/2025 6:00	2/6/2025 11:45	8,625	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3897777	WO#3897913.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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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	3402 CHARLANE PKY	2/6/2025 6:00	2/6/2025 11:45	8,625	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3897779	WO#3897914.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1001 BRECKENRIDGE LN	2/6/2025 6:30	2/6/2025 16:30	40,000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3897772	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	1011 ALTACIR	2/6/2025 7:15	2/6/2025 15:15	24,000	Sewer Manhole	45796	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3897771	WO#3897915.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	201 BULLITT LN	2/6/2025 7:56	2/6/2025 15:30	22,700	Sewer Manhole	47562	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3897921	WO#3897931.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	202 OXMOOR LN	2/6/2025 8:11	2/6/2025 15:40	33,675	Sewer Manhole	47563	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3897922	WO#3897932.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	2/15/2025 12:38	2/17/2025 4:45	307,500	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899115	WO#3899461.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	2/15/2025 12:40	2/17/2025 6:14	124,750	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899116	WO#3899462.	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	1201 OLD CANNONS LN	2/15/2025 17:45	2/19/2025 5:15	7,900,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	3899171	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	1726 FRASER DR	2/15/2025 18:15	2/18/2025 12:00	750,000	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899173	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	3406 CHARLANE PKY	2/15/2025 18:30	2/17/2025 4:20	152,250	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899162	WO#3899463.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	3506 CHARLANE PKY	2/15/2025 18:32	2/17/2025 4:21	152,250	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899164	WO#3899464.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	2/15/2025 18:33	2/17/2025 4:22	152,250	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899176	WO#3899468.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	2/15/2025 18:34	2/17/2025 4:23	152,250	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899166	WO#3899470.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	2/15/2025 18:35	2/17/2025 4:25	152,250	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899168	WO#3899471.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	1001 BRECKENRIDGE LN	2/15/2025 19:00	2/18/2025 12:30	13,400,000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899172	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN

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MORRIS FORMAN WQTC	KY0022411	2408 GRAY FOX RD	2/15/2025 19:25	2/18/2025 5:50	174,000	Sewer Manhole	27012	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899286	WO#3902771.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	1044 ALTA VISTA RD	2/15/2025 19:30	2/17/2025 9:25	222,000	Sewer Manhole	27008	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899287	WO#3902388.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	1011 ALTA CIR	2/15/2025 19:45	2/18/2025 14:50	1,005,000	Sewer Manhole	45796	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3899289	WO#3902772.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	1700 SULGRAVE RD	2/15/2025 19:50	2/17/2025 9:25	111,000	Sewer Manhole	72289	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899291	WO#3902399.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	201 BULLITT LN	2/15/2025 20:20	2/18/2025 6:10	570,000	Sewer Manhole	47582	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899294	WO#3902768.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	202 OXMOOR LN	2/15/2025 20:30	2/18/2025 6:20	684,000	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899295	WO#3902770.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	7900 SHELBYVILLE RD	2/15/2025 20:35	2/17/2025 9:25	111,000	Sewer Manhole	02933	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899297	WO#3902401.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
MORRIS FORMAN WQTC	KY0022411	2001 TERRILL LN	2/15/2025 20:58	2/17/2025 7:53	20,930	Sewer Manhole	23212	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899276	WO#3909474.	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	7913 SHELBYVILLE RD	2/15/2025 21:00	2/17/2025 10:55	37,000	Sewer Manhole	84155	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899298	WO#3902404.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	10020 MERIONETH DR	2/15/2025 21:00	2/16/2025 16:38	117,800	Sewer Manhole	28391	STREAM	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3899274	WO#3899459.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3506 DELL RD	2/15/2025 21:00	2/16/2025 8:49	70,900	Sewer Manhole	28417	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899259	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	3302 TROUT CREEK DR	2/15/2025 21:01	2/17/2025 9:42	220,100	Sewer Manhole	23211	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899275	WO#3899473.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3501 MARLIN DR	2/15/2025 21:05	2/16/2025 8:50	88,125	Sewer Manhole	28416	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899260	WO#3899458.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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MORRIS FORMAN WQTC	KY0022411	3406 DELL RD	2/15/2025 21:06	2/16/2025 8:51	35,250	Sewer Manhole	28415	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899261	WO#3899457.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3322 DELL RD	2/15/2025 21:08	2/16/2025 8:52	17,625	Sewer Manhole	28414	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899263	WO#3899455.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	8410 SAURELDR	2/15/2025 21:15	2/18/2025 9:14	800	Sewer Lift Station	SSPSMF-SADR	DITCH	GOOSE CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3899217	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA.	SITE FOUND DURING RAIN EVENT RECON WILL BE MONITORED AND EVALUATED FOR REPAIR.
MORRIS FORMAN WQTC	KY0022411	4801 CASSIA CT	2/15/2025 21:50	2/18/2025 12:55	63,000	Sewer Manhole	48623	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899299	WO#3902724.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4309 PRUITT CT	2/15/2025 22:00	2/17/2025 8:08	51,200	Sewer Manhole	08426	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899277	WO#3899475.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4319 PRUITT CT	2/15/2025 22:00	2/17/2025 8:18	20,580	Sewer Service Line	85076	GROUND	BUECHEL BRANCH	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899283	WO#3899481.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4315 PRUITT CT	2/15/2025 22:01	2/17/2025 8:15	205,500	Sewer Manhole	49647	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899279	WO#3899477.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4313 PRUITT CT	2/15/2025 22:02	2/17/2025 10:37	219,700	Sewer Manhole	08427	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899280	WO#3899480.	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	4339 PRUITT CT	2/15/2025 22:19	2/17/2025 8:14	203,500	Sewer Manhole	08431	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899281	WO#3899479.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	37 ARROWHEAD RD	2/15/2025 22:25	2/17/2025 13:20	114,000	Sewer Manhole	88791	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899301	WO#3902486.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	6707 W ORELL RD	2/15/2025 23:00	2/17/2025 10:10	3,000	Sewer Manhole	32682	STREAM	ALVEY DITCH	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3899268	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.	MSD CONTRACTOR VACTORED SCUM THROUGH AND REMOVED HEAVY SCUM.
MORRIS FORMAN WQTC	KY0022411	3920 DUTCHMANS LN	2/15/2025 23:40	2/17/2025 6:00	30,000	Sewer Manhole	98873	STREAM	WEICHER CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899303	WO#3902452.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1108 DUPONT CIR	2/15/2025 23:50	2/17/2025 6:05	90,000	Sewer Manhole	43726	GROUND	WEICHER CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899305	WO#3902444.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	9317 LANTANA DR	2/16/2025 0:11	2/18/2025 9:19	42,000	Sewer Lift Station	SSPSDG-LAN1	DITCH	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3600326	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
DEREK R. GUTHRIE WQTC	KY0078956	9317 LANTANA DR	2/16/2025 0:15	2/18/2025 13:18	78,000	Sewer Lift Station	SSPSDG-LAN1	DITCH	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3899282	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
MORRIS FORMAN WQTC	KY0022411	8016 SHELBYVILLE RD	2/16/2025 0:30	2/17/2025 10:35	34,000	Sewer Manhole	47603	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899387	WO#3902439.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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MORRIS FORMAN WQTC	KY0022411	8117 COPPERCREEK DR	2/16/2025 0:30	2/16/2025 11:52	33,000	Sewer Manhole	65070	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899404	WO#3902453.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	8113 SHELBYVILLE RD	2/16/2025 0:35	2/17/2025 10:45	306,000	Sewer Manhole	30376	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899401	WO#3902447.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
HITE CREEK WQTC	KY0022420	7520 KAVANAUGH RD	2/16/2025 0:43	2/17/2025 7:58	27,000	Sewer Lift Station	SSPSHC-KAVR	GROUND	HITE CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3899308	CLEANED AND SANITIZED SURROUNDING AREAS.	SCADA INDICATED.
MORRIS FORMAN WQTC	KY0022411	8021 CHRISTIAN CT	2/16/2025 0:45	2/17/2025 11:05	102,000	Sewer Manhole	90700	CATCH BASIN	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899399	WO#3902405.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	208 BRUNSWICK RD	2/16/2025 1:15	2/16/2025 12:15	3,000	Sewer Manhole	115163	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899406	WO#3902454.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	207 BRUNSWICK RD	2/16/2025 1:15	2/16/2025 12:15	18,000	Sewer Manhole	21089A	DITCH	UPPER MILL CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899407	WO#3902455.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	208 BRUNSWICK RD	2/16/2025 1:15	2/16/2025 12:15	15,000	Sewer Manhole	21092	DITCH	UPPER MILL CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899408	WO#3902456.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	8800 ADMIRAL DR	2/16/2025 1:24	2/17/2025 11:20	800	Sewer Lift Station	SSPSDG-ADMI	STREAM	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3899312	CLEAN AND SANITIZE IMPACTED AREA.	SCADA INDICATED.
MORRIS FORMAN WQTC	KY0022411	9 MUIRFIELD PL	2/16/2025 1:50	2/16/2025 11:35	27,000	Sewer Manhole	01793	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899403	WO#3902448.	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	1340 LANDRUM LN	2/16/2025 10:30	2/18/2025 12:30	150,000	Sewer Manhole	45835	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899447	WO#3902716	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	9114 CINDERELLA LN	2/16/2025 11:20	2/17/2025 7:38	108,000	Sewer Lift Station	SSPSDG-CIND	DITCH	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3899270	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.	NO REPAIRS REQUIRED.
MORRIS FORMAN WQTC	KY0022411	1460 FRANKFORT AVE	2/16/2025 12:00	2/16/2025 18:00	10,000	Sewer Manhole	12448D	CATCH BASIN	BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3902391	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
MORRIS FORMAN WQTC	KY0022411	4640 BARBOUR LN	2/16/2025 12:00	2/17/2025 6:00	540,000	Sewer Manhole	65635	STREAM	LITTLE GOOSE CREEK	MECHANICAL FAILURE (PUMP FAILED).	MECHANICAL FAILURE	3899490	CLEANED AND SANITIZED THE IMPACTED AREA.	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR. CONTRACTOR REPAIRED PUMP. WO#3899498.
MORRIS FORMAN WQTC	KY0022411	7713 WESTPORT RD	2/16/2025 12:30	2/17/2025 11:30	306,000	Sewer Manhole	105936	GROUND	GOOSE CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899489	WO#3902466.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1804 ROUND RIDGE RD	2/16/2025 12:50	2/18/2025 12:55	432,000	Sewer Manhole	65623	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899491	CLEAN UP NOT POSSIBLE - DUE TO THE SIZE OF THE CREEK AND LACK OF ACCESS TO THE DISCHARGE AREAS.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1915 CHARBDIN PL	2/16/2025 12:55	2/17/2025 12:50	72,000	Sewer Manhole	16456	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899527	WO#3902467.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1910 CHARBDIN PL	2/16/2025 13:35	2/17/2025 13:05	72,000	Sewer Manhole	117960	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899528	WO#3902468.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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MORRIS FORMAN WQTC	KY0022411	1910 CHARBDIN PL	2/16/2025 13:35	2/17/2025 13:05	69,000	Sewer Manhole	117953	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899531	WO#3902512.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1910 CHARBDIN PL	2/16/2025 13:35	2/17/2025 13:05	72,000	Sewer Manhole	65611	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899532	WO#3902525.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1910 CHARBDIN PL	2/16/2025 13:35	2/17/2025 13:05	72,000	Sewer Manhole	117961	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899529	WO#3902470.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4019 LELAND RD	2/16/2025 14:40	2/17/2025 14:15	69,000	Sewer Manhole	96019	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899533	WO#3902512.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1913 CHARBDIN PL	2/16/2025 15:15	2/17/2025 12:50	63,000	Sewer Manhole	16455	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899534	WO#3902528.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3928 DUTCHMANS LN	2/16/2025 15:15	2/17/2025 6:05	42,000	Sewer Service Line	Z18284029	GROUND	WEICHER CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3899535	WO#3902531	SEWERS AT CAPACITY.
MORRIS FORMAN WQTC	KY0022411	4640 BARBOUR LN	2/16/2025 16:40	2/17/2025 1:00	50,000	Sewer Lift Station	SSPSMF-BALA	STREAM	LITTLE GOOSE CREEK	PUMPS SET TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	MECHANICAL FAILURE	3899537	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	PUMPS AND MOTORS TO BE REPAIRED BY CONTRACTOR.

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	4640 BARBOUR LN	2/16/2025 18:10	2/18/2025 1:00	2,312,500	Sewer Lift Station	SSPSMF-BALA	STREAM	LITTLE GOOSE CREEK	PUMPS SET TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	MECHANICAL FAILURE	3899544	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL.	REPAIRED THE PUMP.
MORRIS FORMAN WQTC	KY0022411	4640 BARBOUR LN	2/16/2025 18:10	2/17/2025 20:00	1,637,500	Sewer Lift Station	SSPSMF-BALA	STREAM	LITTLE GOOSE CREEK	PUMPS SET TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	MECHANICAL FAILURE	3899543	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL.	REPAIRED THE PUMP.
MORRIS FORMAN WQTC	KY0022411	4640 BARBOUR LN	2/16/2025 19:00	2/17/2025 1:00	90,000	Sewer Lift Station	SSPSMF-BALA	STREAM	LITTLE GOOSE CREEK	PUMPS SET TO ALLEVIATE PROPERTY DAMAGE AND FLOODING DURING A SIGNIFICANT RAIN EVENT.	MECHANICAL FAILURE	3899545	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	PUMPS AND MOTORS TO BE REPAIRED BY CONTRACTOR.
MORRIS FORMAN WQTC	KY0022411	201 N SHELBY ST	2/16/2025 6:00	2/23/2025 10:31	9,999	Sewer Lift Station	SSPSMF-CAMP	GROUND	OHIO RIVER	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	3902627	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
DEREK R. GUTHRIE WQTC	KY0078956	8800 ADMIRAL DR	2/16/2025 15:15	2/18/2025 20:15	600,000	Sewer Manhole	93703	GROUND	PENNSYLVANIA RUN	POWER OUTAGE (MAIN BREAKER MALFUNCTION).	ELECTRICAL PROBLEMS AT MSD	3902774	CLEANED AND SANITIZED THE IMPACTED AREA.	BYPASSED MAIN BREAKER.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	3/15/2025 17:30	3/17/2025 22:00	2,900,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3908592	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	1726 FRASER DR	3/15/2025 17:30	3/16/2025 22:30	200,000	Sewer Manhole	18649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3908590	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN

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MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	3/15/2025 18:15	3/16/2025 20:15	23,400	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3908591	WO#3914979.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1001 BRECKENRIDGE LN	3/15/2025 19:00	3/17/2025 0:30	3,700,000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3908607	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 CHARLANE PKY	3/15/2025 19:50	3/16/2025 12:20	9,900	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3908619	WO#3914966.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	3/15/2025 19:50	3/16/2025 18:00	32,500	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3908617	WO#3914978.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	3/15/2025 19:53	3/16/2025 12:20	9,900	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3908620	WO#3914965.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	3/15/2025 19:55	3/16/2025 14:11	82,500	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3908621	WO#3914964.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2408 GRAY FOX RD	3/15/2025 20:00	3/16/2025 12:32	124,000	Sewer Manhole	27012	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3908623	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	3/15/2025 20:00	3/16/2025 12:25	24,625	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3908622	WO#3914962.	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	1044 ALTA VISTA RD	3/15/2025 20:06	3/16/2025 12:35	123,750	Sewer Manhole	27008	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3908624	WO#3914961.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1011 ALTACIR	3/15/2025 20:19	3/16/2025 12:40	147,000	Sewer Manhole	45796	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3908625	WO#3914960.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1012 ALTA CIR	3/15/2025 20:30	3/16/2025 9:16	95,750	Sewer Manhole	40559	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3908626	WO#3914957.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	201 BULLITT LN	3/15/2025 21:10	3/17/2025 7:00	304,500	Sewer Manhole	47582	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3908627	WO#3914956.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	202 OXMOOR LN	3/15/2025 21:20	3/17/2025 7:05	355,250	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3908628	WO#3914954.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	7900 SHELBYVILLE RD	3/15/2025 21:30	3/16/2025 9:36	90,750	Sewer Manhole	02933	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3908629	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.
MORRIS FORMAN WQTC	KY0022411	7913 SHELBYVILLE RD	3/15/2025 21:50	3/16/2025 9:54	72,400	Sewer Manhole	84155	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3908630	WO#3908630.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
CEDAR CREEK WQTC	KY0098540	12304 DOMINION WAY	3/16/2025 14:00	3/16/2025 14:50	10	Sewer Manhole	93217	DITCH	RAZOR BRANCH	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3908711	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.	ADVISED TO CALL BACK AFTER 24 HRS IF PROBLEM PERSISTS.

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DEREK R. GUTHRIE WQTC	KY0078956	9114 CINDERELLA LN	3/16/2025 16:05	3/16/2025 16:07	21,000	Sewer Lift Station	SSPSDG-CIND	DITCH	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3908683	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	3/31/2025 1:10	3/31/2025 5:00	200,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3921091	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	3402 CHARLANE PKY	3/31/2025 1:30	3/31/2025 8:00	5,850	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3921092	WORK#3921366.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	3/31/2025 3:30	3/31/2025 8:00	1,350	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3921093	WORK#3921364	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1726 FRASER DR	4/3/2025 2:30	4/9/2025 8:00	4,200,000	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922313	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	3402 CHARLANE PKY	4/3/2025 2:30	4/7/2025 13:30	1,425,000	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922304	WORK#3923887.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	4/3/2025 2:32	4/8/2025 9:30	1,143,000	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922305	WORK#3923888.	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	1201 OLD CANNONS LN	4/3/2025 3:00	4/9/2025 3:15	18,100,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922311	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	3406 CHARLANE PKY	4/3/2025 3:30	4/8/2025 9:32	1,134,000	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922306	WO#3923689.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3506 CHARLANE PKY	4/3/2025 3:33	4/8/2025 9:32	1,134,000	Sewer Manhole	28250	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922307	WO#3923691.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3500 ST EDWARDS DR	4/3/2025 3:36	4/8/2025 9:38	1,134,000	Sewer Manhole	28249	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922308	WO#3923694.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3620 CHARLANE PKY	4/3/2025 3:38	4/8/2025 9:40	1,323,000	Sewer Manhole	28340	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922309	WO#3923692.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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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	3620 CHARLANE PKY	4/3/2025 3:40	4/8/2025 9:43	756,000	Sewer Manhole	28336	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922310	WO#9323893.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	9114 CINDERELLA LN	4/3/2025 4:30	4/6/2025 19:59	524,900	Sewer Manhole	60679	DITCH	FISHPOOL CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3922299	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.	SITE FOUND DURING RAIN EVENT RECON. - WILL BE MONITORED AND EVALUATED FOR REPAIR. HAULED STATION TO REDUCE DISCHARGE.
MORRIS FORMAN WQTC	KY0022411	1340 LANDRUM LN	4/3/2025 4:55	4/10/2025 12:15	210,000	Sewer Manhole	48835	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922369	WO#9323839.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1011 ALTACIR	4/3/2025 5:00	4/11/2025 7:20	2,340,000	Sewer Manhole	45796	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922373	WO#9323847.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1001 BRECKENRIDGE LN	4/3/2025 5:30	4/8/2025 18:00	32,200,000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922312	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	202 OXMOOR LN	4/3/2025 9:20	4/8/2025 12:50	1,230,000	Sewer Manhole	47583	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922391	WO#9323837.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2408 GRAY FOX RD	4/3/2025 20:15	4/8/2025 5:15	630,000	Sewer Manhole	27012	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922575	WO#9323881.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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MORRIS FORMAN WQTC	KY0022411	1044 ALTA VISTA RD	4/3/2025 20:20	4/8/2025 5:50	945,000	Sewer Manhole	27008	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922577	WO#3923721.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	7900 SHELBYVILLE RD	4/3/2025 21:15	4/8/2025 6:15	315,000	Sewer Manhole	02933	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922578	WO#3923679.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	201 BULLITT LN	4/3/2025 21:20	4/8/2025 6:40	1,050,000	Sewer Manhole	47582	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922574	WO#3923838.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	7913 SHELBYVILLE RD	4/3/2025 21:40	4/8/2025 6:50	630,000	Sewer Manhole	84155	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922579	WO#3923722.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	425 S HUBBARDS LN	4/3/2025 22:15	4/8/2025 7:05	18,000	Sewer Manhole	45469	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922882	WO#3923842.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	300 MOCKINGBIRD VALLEY RD	4/3/2025 22:15	4/6/2025 11:50	18,000	Sewer Manhole	41374	DITCH	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922950	NO CLEAN UP PERFORMED. NO PUBLIC ACCESS TO THE DISCHARGE SITE.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4801 CASSIA CT	4/3/2025 22:55	4/9/2025 9:54	393,000	Sewer Manhole	46623	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922877	WO#3925895.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1804 ROUND RIDGE RD	4/3/2025 22:55	4/9/2025 6:55	768,000	Sewer Manhole	65623	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922885	CLEAN UP NOT PERFORMED DUE TO THE SIZE OF THE CREEK AND INABILITY TO ACCESS DISCHARGE SITE.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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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	8800 ADMIRAL DR	4/4/2025 6:00	4/5/2025 1:07	171,000	Sewer Manhole	117174	GROUND	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923034	IMPACTED AREA WILL BE CLEANED AND SANITIZED AT CONCLUSION OF RAIN EVENT.	DISCHARGE DISCOVERED DURING RECON ROUTE.
DEREK R. GUTHRIE WQTC	KY0078956	9317 LANTANA DR	4/4/2025 6:15	4/5/2025 1:02	40,700	Sewer Manhole	25484	STREAM	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923051	IMPACTED AREA WILL BE CLEANED AND SANITIZED AT CONCLUSION OF RAIN EVENT.	HAULED SEWAGE TO REDUCE DISCHARGE AMOUNT HAULOF #3923061
MORRIS FORMAN WQTC	KY0022411	3406 DELL RD	4/4/2025 7:33	4/7/2025 9:50	11,425	Sewer Manhole	28415	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922942	WO#3923699.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3501 MARLIN DR	4/4/2025 7:42	4/7/2025 9:44	333,150	Sewer Manhole	28416	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922944	WO#3923697.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3506 DELL RD	4/4/2025 7:54	4/7/2025 9:42	111,000	Sewer Manhole	28417	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922945	WO#3923698.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4640 BARBOUR LN	4/4/2025 8:00	4/5/2025 8:10	72,500	Sewer Manhole	65635	STREAM	LITTLE GOOSE CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3922981	AFFECTED AREA WILL BE CLEANED AND SANITIZED AT CONCLUSION OF RAIN EVENT.	DISCHARGE DISCOVERED DURING RECON ROUTE.
MORRIS FORMAN WQTC	KY0022411	3302 TROUT CREEK DR	4/4/2025 8:10	4/8/2025 7:20	283,000	Sewer Manhole	23211	STREAM	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922365	WO#3923806.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4640 BARBOUR LN	4/4/2025 8:10	4/5/2025 8:10	360,000	Sewer Manhole	65633	STREAM	LITTLE GOOSE CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3922389	IMPACTED AREA WILL BE CLEANED AND SANITIZED AT CONCLUSION OF RAIN EVENT.	DISCHARGE DISCOVERED DURING RECON ROUTE.

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 TERRILL LN	4/4/2025 8:22	4/8/2025 7:26	566,000	Sewer Manhole	51180	GROUND	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923368	WO#3923809.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2191 PARK BOUNDARY RD	4/4/2025 8:25	4/8/2025 5:55	186,000	Sewer Manhole	45900	DITCH	HAWKINS RILL	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922362	WO#3923841.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1012 ALTACIR	4/4/2025 8:30	4/8/2025 5:56	279,000	Sewer Manhole	40559	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923068	WO#3923840.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2001 TERRILL LN	4/4/2025 8:32	4/8/2025 7:22	283,000	Sewer Manhole	23212	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923366	WO#3923808.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	8021 CHRISTIAN CT	4/4/2025 8:45	4/7/2025 6:30	207,000	Sewer Manhole	90700	CATCH BASIN	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922360	WO#3923878.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	8016 SHELBYVILLE RD	4/4/2025 8:50	4/7/2025 6:40	621,000	Sewer Manhole	47603	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922355	WO#3923876.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2107 LITTLE CREEK CT	4/4/2025 9:00	4/8/2025 7:24	696,000	Sewer Service Line	46602107	GROUND	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923370	WO#3923820.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3305 INDIAN CREEK CT	4/4/2025 9:05	4/7/2025 10:24	44,000	Sewer Manhole	51160	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923367	WO#3923835.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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MORRIS FORMAN WQTC	KY0022411	9 MURFIELD PL	4/4/2025 9:15	4/7/2025 6:55	207,000	Sewer Manhole	01793	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922967	WO#3923677.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	8113 SHELBYVILLE RD	4/4/2025 9:30	4/7/2025 8:39	621,000	Sewer Manhole	30376	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922969	WO#3923845.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	7713 WESTPORT RD	4/4/2025 10:00	4/7/2025 7:45	630,000	Sewer Manhole	105936	GROUND	GOOSE CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922970	WO3924006.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	5423 TRACY WAY	4/4/2025 10:00	4/6/2025 21:34	178,700	Sewer Lift Station	SSPSWIF-HAZE	DITCH	MILL CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923226	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.	SITE FOUND DURING RECON WILL BE MONITORED AND EVALUATED FOR REPAIR.
CEDAR CREEK WQTC	KY0098540	8809 CEDAR CREEK RD	4/4/2025 10:00	4/6/2025 13:04	306,000	Sewer Manhole	98024	GROUND	CEDAR CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923103	CLEANED AND SANITIZED THE IMPACTED AREA.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	9514 TAYLORSVILLE RD	4/4/2025 10:30	4/7/2025 9:00	211,500	Sewer Manhole	28711	DITCH	BEATTY BROOK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922946	WO#3923696.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1915 CHARBDIN PL	4/4/2025 10:45	4/7/2025 8:19	138,000	Sewer Manhole	16456	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922929	WO#3923851.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1707 EAGLE NEST WAY	4/4/2025 10:45	4/7/2025 8:30	627,750	Sewer Manhole	62418	GROUND	GOOSE CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923243	MSD PERSONNEL 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	7713 WESTPORT RD	4/4/2025 10:45	4/7/2025 8:30	418,500	Sewer Manhole	105936	GROUND	GOOSE CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3922965	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
MORRIS FORMAN WQTC	KY0022411	1910 CHARBDIN PL	4/4/2025 11:00	4/8/2025 7:30	810,000	Sewer Manhole	117952	GROUND	OHIO RIVER	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922926	WO#9323850.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1910 CHARBDIN PL	4/4/2025 11:00	4/8/2025 7:30	810,000	Sewer Manhole	117953	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922922	WO#9323848.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1910 CHARBDIN PL	4/4/2025 11:00	4/8/2025 7:30	810,000	Sewer Manhole	117955	STREAM	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922925	WO#9323849.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	37 ARROWHEAD RD	4/4/2025 11:28	4/8/2025 7:45	270,000	Sewer Manhole	88791	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922887	WO#9323843.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	1720 E ROCKFORD LN	4/4/2025 11:30	4/5/2025 2:35	4,525	Sewer Manhole	115910	CATCH BASIN	BIG RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923069	IMPACTED AREA WILL BE CLEANED AND SANITIZED AT CONCLUSION OF RAIN EVENT.	DISCHARGE DISCOVERED DURING RECON ROUTE.
CEDAR CREEK WQTC	KY0098540	10800 FAIRMOUNT RD	4/4/2025 12:00	4/6/2025 19:24	516,000	Sewer Manhole	97363	STREAM	BIG RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3922934	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
DEREK R. GUTHRIE WQTC	KY0078956	8416 LOU CT	4/4/2025 12:00	4/7/2025 9:50	104,750	Sewer Manhole	82428	STREAM	ROBERSON RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923096	WATER HAS NOT RECEDED - CUSTOMER ADVISED TO CONTACT CUSTOMER RELATIONS WHEN WATER RECEDES.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.

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DEREK R. GUTHRIE WQTC	KY0078956	8303 LINDA RD	4/4/2025 12:35	4/7/2025 10:00	104,125	Sewer Manhole	17404	GROUND	ROBERSON RUN	LACK OF SYSTEM CAPACITY. HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923158	WATER HAS NOT RECEDED - CUSTOMER ADVISED TO CONTACT CUSTOMER RELATIONS WHEN WATER RECEDES.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
MORRIS FORMAN WQTC	KY0022411	4019 LELAND RD	4/4/2025 12:40	4/8/2025 7:55	270,000	Sewer Manhole	96019	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3922979	WO#3923844.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	4507 ST RITADR	4/4/2025 13:05	4/7/2025 10:05	103,500	Sewer Manhole	17445	DITCH	ROBERSON RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923167	WATER HAS NOT RECEDED - CUSTOMER ADVISED TO CONTACT CUSTOMER RELATIONS WHEN WATER RECEDES.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
MORRIS FORMAN WQTC	KY0022411	4315 PRUITT CT	4/4/2025 13:16	4/7/2025 9:37	1,230,300	Sewer Manhole	49647	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923260	WO#3923687.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	978 BRECKENRIDGE LN	4/4/2025 13:25	4/6/2025 12:20	92,000	Sewer Manhole	74520	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923273	WO#3923682.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3920 DUTCHMANS LN	4/4/2025 13:35	4/7/2025 8:40	134,000	Sewer Manhole	96673	STREAM	WEICHER CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923277	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	1108 DUPONT CIR	4/4/2025 13:45	4/7/2025 8:50	201,000	Sewer Manhole	43726	GROUND	WEICHER CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923279	WO#3923718.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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MORRIS FORMAN WQTC	KY0022411	2707 COSTIGAN WAY	4/4/2025 13:55	4/4/2025 14:19	15	Sewer Manhole	21330	CATCH BASIN	AVOCA CREEK	LACK OF SYSTEM CAPACITY-RAIN EVENT.	LACK OF SYSTEM CAPACITY	3923104	NOT POSSIBLE DUE TO MAGNITUDE OF STORM.	ADVISED CUSTOMER TO CALL BACK IN 48 HOURS AFTER RAIN STOP IF STILL HAVING ISSUE.
MORRIS FORMAN WQTC	KY0022411	25 HALLSDALE DR	4/4/2025 14:32	4/4/2025 14:54	15	Sewer Service Line	37311	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF CAPACITY RAIN EVENT.	LACK OF SYSTEM CAPACITY	3923124	NOT POSSIBLE DUE TO MAGNITUDE OF STORM.	ADVISED CUSTOMER TO CALL BACK IN 48 HOURS AFTER RAIN STOP.
MORRIS FORMAN WQTC	KY0022411	4339 TAYLORSVILLE RD	4/4/2025 14:48	4/4/2025 18:40	5	Sewer Manhole	02419	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923207	MSD PERSONNEL CLEANED IMPACTED AREA.	MSD PERSONNEL ADVISED CUSTOMER TO CALL BACK IN 24 TO 48 HOURS IF STILL HAVING ISSUES.
MORRIS FORMAN WQTC	KY0022411	208 BRUNSWICK RD	4/4/2025 15:00	4/7/2025 7:15	192,000	Sewer Manhole	21092	DITCH	UPPER MILL CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923281	WO#3923686.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	207 BRUNSWICK RD	4/4/2025 15:00	4/7/2025 7:15	192,000	Sewer Manhole	21089A	DITCH	UPPER MILL CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923275	WO#3923685.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2318 STANNYE DR	4/4/2025 15:00	4/5/2025 2:46	20,300	Sewer Lift Station	SSPSWF-STAN	DITCH	OHIO RIVER	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923246	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.	SITE FOUND DURING RECON WILL BE MONITORED AND EVALUATED FOR REPAIR.
MORRIS FORMAN WQTC	KY0022411	332 STONEHENGE DR	4/4/2025 15:05	4/9/2025 9:55	136,800	Sewer Manhole	63357	DITCH	VALLEY CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923276	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	2401 SENECA VALLEY RD	4/4/2025 15:25	4/7/2025 12:16	216,000	Sewer Manhole	101692	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923155	NONE POSSIBLE DUE TO MAGNITUDE OF STORM.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
MORRIS FORMAN WQTC	KY0022411	2570 WOODBOURNE AVE	4/4/2025 15:25	4/7/2025 12:51	207,000	Sewer Manhole	45868	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923171	NONE POSSIBLE DUE TO MAGNITUDE OF STORM.	FLUSHED MAIN SEWER TO HELP WITH FLOW.

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MORRIS FORMAN WQTC	KY0022411	2420 SENECA VALLEY RD	4/4/2025 15:25	4/7/2025 12:36	207,000	Sewer Service Line	93336	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923177	NONE POSSIBLE DUE TO MAGNITUDE OF STORM.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
CEDAR CREEK WQTC	KY0098540	10614 STONEBREAKER RD	4/4/2025 15:25	4/7/2025 13:11	207,000	Sewer Manhole	116108	STREAM	BIG RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923174	NONE POSSIBLE DUE TO MAGNITUDE OF STORM.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
MORRIS FORMAN WQTC	KY0022411	2409 SENECA VALLEY RD	4/4/2025 15:25	4/7/2025 12:32	207,000	Sewer Manhole	28891	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923173	NONE POSSIBLE DUE TO MAGNITUDE OF STORM.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
MORRIS FORMAN WQTC	KY0022411	1201 RIVER RD	4/4/2025 15:30	4/14/2025 8:57	9,999	Sewer Lift Station	SSPSMF-RIRD	GROUND	OHIO RIVER	LACK OF SYSTEM CAPACITY.	SYSTEM UNDERWATER	3923132	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	201 N SHELBY ST	4/4/2025 15:30	4/14/2025 8:56	9,999	Sewer Lift Station	SSPSMF-CAMP	GROUND	OHIO RIVER	LACK OF SYSTEM CAPACITY.	SYSTEM UNDERWATER	3923122	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	8321 STILLMEADOW DR	4/4/2025 16:07	4/7/2025 13:42	1,035	Sewer Manhole	71095	STREAM	FERN CREEK	LACK OF SYSTEM CAPACITY RAIN EVENT.	LACK OF SYSTEM CAPACITY	3923185	NONE POSSIBLE DUE TO MAGNITUDE OF STORM.	ADVISED CUSTOMER TO CALL BACK 48 HOURS AFTER RAIN STOP IF STILL HAVING ISSUE.
MORRIS FORMAN WQTC	KY0022411	100 TRAFALGAR SQ	4/4/2025 17:15	4/8/2025 9:00	1,320	Sewer Manhole	48865	GROUND	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923225	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	ADVISED CUSTOMER TO CALL BACK IN 48 HOURS AFTER RAIN STOP IF STILL HAVING ISSUE.
MORRIS FORMAN WQTC	KY0022411	2222 WENDELL AVE	4/4/2025 19:16	4/7/2025 12:22	195,000	Sewer Manhole	17619	CATCH BASIN	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923270	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
MORRIS FORMAN WQTC	KY0022411	3109 LOWELL AVE	4/4/2025 19:20	4/7/2025 12:22	195,000	Sewer Manhole	17618	GROUND	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923274	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	3104 KIPLING WAY	4/4/2025 20:20	4/7/2025 12:40	38,400	Sewer Manhole	49200	DITCH	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923295	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
MORRIS FORMAN WQTC	KY0022411	3115 LOWELL AVE	4/4/2025 20:20	4/7/2025 12:41	38,400	Sewer Manhole	49201	DITCH	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923297	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
MORRIS FORMAN WQTC	KY0022411	3104 KIPLING WAY	4/4/2025 20:38	4/7/2025 12:40	38,400	Sewer Manhole	17605	CATCH BASIN	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923294	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
MORRIS FORMAN WQTC	KY0022411	3037 BEAUMONT RD	4/4/2025 21:00	4/7/2025 12:54	10	Sewer Service Line	4686	CATCH BASIN	BROOKLAWN TRIBUTARY	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923304	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
DEREK R. GUTHRIE WQTC	KY0078956	8800 ADMIRAL DR	4/5/2025 8:30	4/6/2025 18:15	321,750	Sewer Manhole	117174	GROUND	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT.	LACK OF SYSTEM CAPACITY	3923342	CLEANED AND SANITIZED THE IMPACTED AREA	DISCHARGE DISCOVERED DURING RAIN EVENT RECON.
MORRIS FORMAN WQTC	KY0022411	8021 CHRISTIAN CT	4/5/2025 9:20	4/7/2025 6:35	67,500	Sewer Manhole	47593	GROUND	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923360	WO#3923846.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1913 CHARBDIN PL	4/5/2025 10:15	4/7/2025 8:10	69,000	Sewer Manhole	16455	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923364	WO#3923852.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE WQTC	KY0078956	5007 LEAANN WAY	4/5/2025 19:44	4/6/2025 22:48	974,400	Sewer Manhole	84926	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923421	FOUND DURING RAIN EVENT AND WILL EVALUATE AND CLEAN ASAP.	WILL BE MONITORED AND EVALUATED FOR REPAIR.
DEREK R. GUTHRIE WQTC	KY0078956	9317 LANTANA DR	4/5/2025 19:54	4/6/2025 21:00	150,000	Sewer Manhole	25484	STREAM	PENNSYLVANIA RUN	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923423	CLEANED AND SANITIZED THE IMPACTED AREA.	SITE FOUND DURING RAIN EVENT RECON. WILL BE MONITORED AND EVALUATED FOR REPAIR.

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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	5007 LEAANN WAY	4/5/2025 19:55	4/6/2025 21:43	928,500	Sewer Manhole	84926	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY.	PUMPED OVERFLOW	3923422	FOUND DURING RAIN EVENT WILL BE MONITORED AND EVALUATED FOR REPAIR.	FOUND DURING RAIN EVENT WILL BE MONITORED AND EVALUATED FOR REPAIR.
DEREK R. GUTHRIE WQTC	KY0078956	5007 LEAANN WAY	4/5/2025 20:00	4/6/2025 0:00	138,000	Sewer Manhole	84926	STREAM	NORTHERN DITCH	LACK OF SYSTEM CAPACITY.	PUMPED OVERFLOW	3923434	NONE POSSIBLE DUE TO MAGNITUDE OF STORM.	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
MORRIS FORMAN WQTC	KY0022411	10001 GRASSLAND DR	4/6/2025 8:00	4/7/2025 9:07	225,000	Sewer Manhole	31733	DITCH	BEATTY BROOK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923466	WO#3923895.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4341 PRUITT CT	4/6/2025 8:47	4/7/2025 9:40	14,500	Sewer Manhole	08430	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923473	WO#3923822.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4309 PRUITT CT	4/6/2025 8:47	4/7/2025 9:37	37,250	Sewer Manhole	08426	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923472	WO#3923821.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4912 DELAWARE DR	4/6/2025 9:02	4/7/2025 9:43	37,000	Sewer Manhole	18654	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923474	WO#3923823.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	2318 STANNYE DR	4/6/2025 9:20	4/6/2025 21:00	17,500	Sewer Lift Station	SSPSMF-STAN	DITCH	OHIO RIVER	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT.	LACK OF SYSTEM CAPACITY	3923458	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
MORRIS FORMAN WQTC	KY0022411	7900 SHELBYVILLE RD	4/6/2025 10:10	4/8/2025 6:25	880,000	Sewer Manhole	02935	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923467	WO#3923880.	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	207 BRUNSWICK RD	4/6/2025 10:40	4/7/2025 7:15	88,000	Sewer Manhole	115185	DITCH	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923468	WO#93923684.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3412 FOUNTAIN DR	4/6/2025 10:56	4/7/2025 9:48	20,580	Sewer Manhole	30680	GROUND	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3923475	WO#93923825.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	201 MOCKINGBIRD GARDENS DR	4/7/2025 9:29	4/7/2025 10:25	30	Sewer Manhole	40315	DITCH	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923556	CUSTOMER CLEANED THE IMPACTED AREA.	ADVISED CUSTOMER TO CALL BACK IN 48 HOURS AFTER RAIN STOPS IF STILL HAVING ISSUE.
MORRIS FORMAN WQTC	KY0022411	248 ADAMS ST	4/7/2025 10:50	4/7/2025 11:05	30	Sewer Service Line	F19900019	GROUND	OHIO RIVER	LACK OF SYSTEM CAPACITY.	LACK OF SYSTEM CAPACITY	3923569	NONE POSSIBLE DUE TO MAGNITUDE OF STORM.	ADVISED CUSTOMER TO CALL BACK IN 48 HOURS AFTER RAIN STOPS IF STILL HAVING ISSUES.
HITE CREEK WQTC	KY0022420	5000 CHAMBERLAIN LN	4/8/2025 0:50	4/8/2025 7:15	38,500	Sewer Lift Station	SSPSHC-BRCR	STREAM	WOLF PEN BRANCH	MECHANICAL FAILURE OF PUMPS, SEE SREPR WORK ORDER IN LINKED WORK ORDER TAB FOR MORE INFORMATION.	MECHANICAL FAILURE	3923673	CLEAN AND SANITIZE AREA UPON COMPLETION.	HAUL STATION TILL REPAIRED.
MORRIS FORMAN WQTC	KY0022411	4200 RIVER RD	4/10/2025 21:30	4/14/2025 8:50	9,999	Sewer Lift Station	SSPSMF-LOBC	GROUND	MUDDY FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY.	SYSTEM UNDERWATER	3925945	CLEANUP NOT POSSIBLE DUE TO ELEVATED RIVER LEVEL.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	4/24/2025 20:45	4/25/2025 3:00	300,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3935384	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	3402 CHARLANE PKY	5/4/2025 10:15	5/4/2025 21:00	6,450	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3936773	WO#9397018.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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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	3402 CHARLANE PKY	5/4/2025 11:31	5/5/2025 5:42	5,455	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3936786	WO#9397019.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	5/4/2025 11:34	5/5/2025 5:43	10,890	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3936787	WO#9397020.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	4802 CASSIA CT	5/13/2025 8:45	5/13/2025 13:30	10	Sewer Manhole	89962	DITCH	MUDDY FORK BEARGRASS CREEK	OBSTRUCTION IN MAN SEWER.	OBSTRUCTION- NOT GREASE / ROOTS	3939041	MSD PERSONNEL WILL CLEAN AND SANITIZE IMPACTED AREA.	FLUSHED MAIN SEWER 3939043.
FLOYDS FORK WQTC	KY0102784	704 S BECKLEY STATION RD	5/13/2025 14:00	5/13/2025 16:00	3,000	Sewer Manhole	124764	STREAM	FLOYDS FORK	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION- NOT GREASE / ROOTS	3939076	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	DISCLN 3930983 FLUSH 3939088.
MORRIS FORMAN WQTC	KY0022411	1201 OLD CANNONS LN	5/30/2025 8:15	5/30/2025 13:15	300,000	Sewer Manhole	IS021A-SI	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3949941	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	3402 CHARLANE PKY	5/30/2025 8:45	5/30/2025 13:15	13,500	Sewer Manhole	28453	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3949943	WO#93950066.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3402 CHARLANE PKY	5/30/2025 9:00	5/30/2025 13:18	2,580	Sewer Manhole	28452	DITCH	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3949968	WO#93950067.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN WQTC	KY0022411	3406 CHARLANE PKY	5/30/2025 9:15	5/30/2025 13:20	2,450	Sewer Manhole	28451	GROUND	CHENOWETH RUN	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3949969	WO#93950068.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

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APPENDIX D

UNAUTHORIZED DISCHARGES - DRY WEATHER CSOs

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MORRIS FORMAN WQTC	KY0022411	949 S 6TH ST	7/1/2024 4:00	7/1/2024 6:00	13,200	Sewer Manhole	CSO193	GROUND	OHIO RIVER	PRIVATE PROPERTY ISSUE.	UTILITY DAMAGED MSD ASSET	3814964	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO SEWER SYSTEM.	LWC IS REPAIRING WATER MAIN.
MORRIS FORMAN WQTC	KY0022411	525 ZANE ST	7/1/2024 4:15	7/1/2024 6:15	145,000	Sewer Manhole	CSO201	STREAM	OHIO RIVER	PRIVATE PROPERTY ISSUE.	UTILITY DAMAGED MSD ASSET	3814965	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO SEWER SYSTEM.	LWC IS REPAIRING WATER MAIN.

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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
MORRIS FORMAN WQTC	KY0022411	5311 ALPINE WAY	7/7/2024 19:30	7/7/2024 19:50	500	Sewer Node	10304-T	GROUND	NORTHERN DITCH	ROOTS IN MAIN SEWER.	ROOTS	3816441	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.	FLUSHED THE MAIN SEWER TO REMOVE ROOT OBSTRUCTION; SEE WO 3816440.
HITE CREEK WQTC	KY0022420	5601 FALLS CT	8/8/2024 18:00	8/8/2024 21:00	900	Sewer Manhole	91141	DITCH	SOUTH FORK HARRODS CREEK	ROOTS IN MAIN SEWER.	ROOTS	3829411	MSD PERSONNEL CLEANED THE IMPACTED AREA.	ROOT CUT THE MAIN SEWER TO REMOVE OBSTRUCTION.
MORRIS FORMAN WQTC	KY0022411	9000 WESSEX PL	11/4/2024 11:00	11/4/2024 11:15	10	Sewer Service Line	HU16742029	GROUND	MIDDLE FORK BEARGRASS CREEK	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION- NOT GREASE/ ROOTS	3863261	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	REFER TO AREA SUPERVISOR FOR NEEDED REPAIRS #3864626
FLOYDS FORK WQTC	KY0102784	3005 LONG CREEK WAY	11/20/2024 18:10	11/21/2024 4:15	2,000	Sewer Valve	108247-V	GROUND	KLEMNZ CREEK	MECHANICAL FAILURE (BROKEN ARV).	MECHANICAL FAILURE	3877023	CLEANED AND SANITIZED THE IMPACTED AREA.	REPAIRED THE ARV(INSTALLED REPAIR BAND TO STOP DISCHARGE).
DEREK R. GUTHRIE WQTC	KY0078956	6500 MOUNT WASHINGTON RD	12/5/2025 19:44	12/6/2025 13:42	3,000	Sewer Lift Station	SSPSDG-MOWA	DITCH	PENNSYLVANIA RUN	STRUCTURAL FAILURE (FORCE MAIN BREAK).	MECHANICAL FAILURE	3894563	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA.	HAULED SEWAGE UNTIL POWER COULD BE RESTORED AND/ OR REPAIRS MADE.
DEREK R. GUTHRIE WQTC	KY0078956	8935 LA COSTA RD	3/3/2025 19:45	3/3/2025 22:22	1	Sewer Manhole	61304	DITCH	FERN CREEK	ROOTS IN MAIN SEWER.	ROOTS	3906031	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.	ROOT CUT MAIN SEWER GOT OPEN RETURNED TO NORMAL FLOW.
DEREK R. GUTHRIE WQTC	KY0078956	6615 ADAM RIDGE PL	3/27/2025 13:05	3/27/2025 13:34	2,400	Sewer Manhole	119477	STREAM	FERN CREEK	OBSTRUCTION IN MAIN SEWER.	OBSTRUCTION- NOT GREASE/ ROOTS	3920748	DISCLN 3920773.	ROOT CUTTING MAIN SEWER TO RESTORE FLOW 3920760.
DEREK R. GUTHRIE WQTC	KY0078956	6903 CHARLES LINDSEY CT	4/18/2025 8:30	4/18/2025 10:40	2,250	Sewer Manhole	36419	GROUND	PENNSYLVANIA RUN	POWER OUTAGE (LG&E).	POWER OUTAGE (LG&E)	3930124	CLEANED AND SANITIZED THE IMPACTED AREA.	LG&E RESTORED POWER.
CEDAR CREEK WQTC	KY0098540	11105 ELECTRON DR	4/24/2025 13:00	4/24/2025 14:00	600	Sewer Manhole	29370	GROUND	CHENOWETH RUN	OBSTRUCTION IN MAIN SEWER.	OBSTRUCTION- NOT GREASE/ ROOTS	3935289	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.	FLUSHED MAIN SEWER 3935290.

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
FLOYDS FORK WQTC	KY0102784	702 S BECKLEY STATION RD	4/28/2025 19:30	4/28/2025 21:00	10	Sewer Manhole	95118	GROUND	FLOYDS FORK	ROOTS IN MAIN SEWER.	ROOTS	3936038	WO#3936041.	ROOT CUT THE MAIN 460 FEET 3936384.
MORRIS FORMAN WQTC	KY0022411	1300 ABBEYWOOD RD	6/3/2025 7:20	6/3/2025 7:30	1	Sewer Main	21641	DITCH	GOOSE CREEK	STRUCTURAL FAILURE OF MAIN SEWER	STRUCTURAL FAILURE	3950547	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.	REFERRED TO SUPERVISOR TO MAKE NEEDED REPAIRS 3950081.
MORRIS FORMAN WQTC	KY0022411	6702 FALLS CREEK RD	6/7/2025 10:05	6/7/2025 12:05	100	Sewer Main	31252	GROUND	GOOSE CREEK	ROOTS IN MAIN SEWER.	ROOTS	3952254	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.	ROOT CUT MAIN SEWER GOT OPEN 3952253.
CEDAR CREEK WQTC	KY0098540	8405 CEDAR CREEK RD	6/25/2025 12:00	6/25/2025 13:00	500	Sewer Treatment Plant	WQTC	GROUND	CEDAR CREEK	UTILITY DAMAGED MSD ASSET.	UTILITY DAMAGED MSD ASSET	3962454	CLEANED AND SANITIZED THE IMPACTED AREA.	ISOLATED DAMAGED FORCE MAIN, USING EAST WELL AND OTHER FORCE MAIN UNTIL REPAIR IS MADE.

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
CEDAR CREEK WQTC	KY0098540	8405 CEDAR CREEK RD	8/1/2024 20:30	8/2/2024 13:28	500	WQTCOC	GROUND	CEDAR CREEK	OVERFLOWED OXIDATION DITCH SUMP PIT DUE TO ELEVATED FLOWS DURING RAIN EVENT AND GFI FAILURE.	WET WEATHER	3825458	CLEANED AND SANITIZED THE IMPACTED AREA.	ADJUSTED CENTER WELL GATE TO LOWER WATER LEVEL IN OX. DITCH AND REPAIRED GFI.	UNAUTHORIZED DISCHARGE-WATERS
MORRIS FORMAN WQTC	KY0022411	4522 ALGONQUIN PKY	9/2/2024 14:37	9/2/2024 19:00	25,000,000	WQTCMF	STREAM	OHIO RIVER	WATER MAIN BREAK ON CITY WATER LINE IN PARKING LOT, CAN NOT RUN DECLOR PUMPS, WATER HAS BEEN DISINFECTED.	DRY WEATHER	3846235	NA- PIPE DISCHARGE SUBMERGED.	WORKING ON REPAIRING WATER LEAK.	UNAUTHORIZED DISCHARGE-WATERS
MORRIS FORMAN WQTC	KY0022411	4522 ALGONQUIN PKY	9/24/2024 14:53	9/25/2024 11:33	3,600	WQTCMF	STREAM	OHIO RIVER	GATES CLOSED IN WHW'S, DRAIN PUMPS WERE TURNED ON, AND FLOW CAME OUT ONTO THE GROUND	WET WEATHER	3852891	CLEANED AND SANITIZED THE IMPACTED AREA	TURNED OFF PUMP, OPENED GATE TO FLOW	UNAUTHORIZED DISCHARGE-WATERS
MORRIS FORMAN WQTC	KY0022411	4522 ALGONQUIN PKY	11/6/2024 3:36	11/6/2024 4:13	18,500	WQTCMF	STREAM	OHIO RIVER	EHW BAR SCREENS BLINDED CAUSE A OVERFLOW FROM CHANNEL	WET WEATHER	3866040	CLEANED AND SANITIZED THE IMPACTED AREA	RESET BAR SCREENS AND PUT BACK IIS	UNAUTHORIZED DISCHARGE-WATERS
FLOYDS FORK WQTC	KY0102784	1100 BLUE HERON RD	2/5/2025 17:39	2/5/2025 17:57	23,750	WQTCFF	STREAM	FLOYDS FORK	BYPASS AT WASTEWATER TREATMENT PLANT.	WET WEATHER	3897554	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL.	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.	UNAUTHORIZED DISCHARGE-WATERS
CEDAR CREEK WQTC	KY0098540	8405 CEDAR CREEK RD	2/15/2025 21:05	2/15/2025 21:10	100	WQTCOC	GROUND	CEDAR CREEK	CAP DUE TO STORM	WET WEATHER	3899218	MSD CLEANED AND SANITIZED AREA	CLEAN SUMP PIT	UNAUTHORIZED DISCHARGE-WATERS
FLOYDS FORK WQTC	KY0102784	1100 BLUE HERON RD	5/4/2025 7:15	5/4/2025 9:59	100	WQTCFF	STREAM	FLOYDS FORK	BYPASS AT WASTEWATER TREATMENT PLANT.	WET WEATHER	3898748	MSD CONTRACTOR CLEANED AREA.	PROCESS CHANGES MADE.	UNAUTHORIZED DISCHARGE-WATERS

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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	3220 FIVE OAKS PL	7/24/2024 13:15	7/24/2024 13:45	1	49873	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	3822049	CUSTOMER CLEANED IMPACTED AREA	FLUSHED MAIN SEWER
DEREK R. GUTHRIE WQTC	KY0078956	211 MILITIA DR	7/29/2024 9:30	7/29/2024 11:15	1	WW08908049	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	3824703	CUSTOMER CLEANED IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO AVOID CONTACT WITH SEWAGE
MORRIS FORMAN WQTC	KY0022411	1218 MORRIS GAN AVE	8/4/2024 17:30	8/4/2024 18:00	1	KK13370259	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	3825635	CUSTOMER CLEANED THE IMPACTED AREA	FLUSH MAIN SEWER. REFERRE TO LASA TO TVI
CEDAR CREEK WQTC	KY0098540	4323 CARA WAY	8/13/2024 12:15	8/13/2024 13:15	1	JT02389019	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	3829961	CUSTOMER CLEANED THE IMPACTED AREA	ROOT CUT SANITARY MAIN AND CAMERA CONFIRMED ROOT OBSTRUCTION WAS REMOVED. NO FURTHER ACTION NEEDED.
MORRIS FORMAN WQTC	KY0022411	9815 WHIPPS MILL RD	8/21/2024 13:00	8/21/2024 13:30	1	170049	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DRY WEATHER	3838224	CUSTOMER CLEANED THE IMPACTED AREA	ROOT CUT THE MAIN SEWER AND MAIN IS FLOWING FINE.
FLOYDS FORK WQTC	KY0102784	12204 LEDGES DR	8/24/2024 21:20	8/24/2024 22:10	1	181800710000A	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	3840409	CUSTOMER CLEANED IMPACTED AREA	FLUSHED THE ROOTS FROM THE SEWER
MORRIS FORMAN WQTC	KY0022411	1878 IVANHOE CT	9/23/2024 12:45	9/23/2024 14:45	1	52273	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	3852795	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED/VACTORED MAIN SEWER
DEREK R. GUTHRIE WQTC	KY0078956	5811 MEDTREE PL	9/28/2024 6:05	9/28/2024 6:30	1	PD20298019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3853837	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CALL BACK IN 24 HOURS IF BACKUP HAS NOT RECEDED
MORRIS FORMAN WQTC	KY0022411	2908 LIME KILN LN	10/4/2024 11:00	10/4/2024 12:00	1	EP04410019	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	3854744	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED MAIN SEWER
DEREK R. GUTHRIE WQTC	KY0078956	8302 SMITH-TON RD	11/14/2024 17:55	11/14/2024 18:20	1	PC12246019	OBSTRUCTION IN THE MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	WET WEATHER	3869726	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED DEBRIS FROM SEWER #3869725
MORRIS FORMAN WQTC	KY0022411	4215 BLENHEIM RD	1/17/2025 13:08	1/17/2025 13:53	1	MA14000029	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	3888442	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 3888444
MORRIS FORMAN WQTC	KY0022411	912 BURNING SPRINGS CIR	1/22/2025 12:00	1/22/2025 17:19	1	MT09975059	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	3894331	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED AND ROOT CUT THE MAIN 3894333
DEREK R. GUTHRIE WQTC	KY0078956	1102 CRISTLAND RD	2/15/2025 21:00	2/15/2025 21:25	5	Y08350019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899200	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CALL BACK WITHIN 24 HRS IS STILL HAVING PROBLEMS
DEREK R. GUTHRIE WQTC	KY0078956	1043 CRISTLAND RD	2/16/2025 0:15	2/16/2025 0:30	5	181693	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899285	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED TO CONTACT MSD IF PROBLEMS PERSIST AFTER RAIN EVENT

WQTC NAME	WQTC KPDLES#	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	4012 GRAF DR	2/16/2025 9:00	2/16/2025 9:15	5	184701680000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899392	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT MSD IF PROBLEM PERSISTS AFTER 24 HRS.
MORRIS FORMAN WQTC	KY0022411	9901 ROUND- STONE TRCE	2/18/2025 18:30	2/18/2025 20:10	5	191901530000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION NOT GREASE / ROOTS	DRY WEATHER	3902816	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED SANITARY TO RESTORE PROPER FLOW RC 3902819
MORRIS FORMAN WQTC	KY0022411	502 PENNY- ROYAL WAY	3/1/2025 21:30	3/1/2025 22:05	1	191902120000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION NOT GREASE / ROOTS	DRY WEATHER	3905551	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED DEBRIS FROM SEWER 3905550
MORRIS FORMAN WQTC	KY0022411	2509 FOXY POISE RD	3/17/2025 13:30	3/17/2025 14:30	1	XX06661059	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3915030	ADVISED THE CUSTOMER THAT THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN WQTC	KY0022411	3711 RIVER PARK DR	4/3/2025 12:15	4/3/2025 12:27	1	88787	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3922449	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN WQTC	KY0022411	626 W MAIN ST	4/3/2025 12:50	4/3/2025 13:20	1	P4503	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3922470	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN WQTC	KY0022411	1000 E LIBERTY ST	4/3/2025 13:43	4/3/2025 13:50	1	60270	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3922486	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN WQTC	KY0022411	327 CALDWELL ST	4/3/2025 14:08	4/3/2025 14:14	1	L12607029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3922491	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN WQTC	KY0022411	1113 SOUTHWESTERN PKY	4/3/2025 15:38	4/3/2025 15:45	1	152883	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3922533	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN WQTC	KY0022411	460 NORTHWESTERN PKY	4/3/2025 16:20	4/3/2025 16:34	1	75919	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3922540	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE WQTC	KY0078956	1172 INDUSTRIAL BLVD	4/3/2025 19:52	4/3/2025 19:52	1	PB11408019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3922566	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE WQTC	KY0078956	5200 VISTA JOHN DR	4/4/2025 9:00	4/4/2025 9:06	1	DE31304019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3922678	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE WQTC	KY0078956	1034 FRANKLIN RD	4/4/2025 9:26	4/4/2025 9:55	1	062K01510000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3922705	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN WQTC	KY0022411	538 FORUM AVE	4/4/2025 10:10	4/4/2025 10:17	1	34546	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3922731	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER

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MORRIS FORMAN WQTC	KY0022411	4181 SHERMAN AVE	4/4/2025 10:39	4/4/2025 10:47	1	KK14951019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3922824	CUSTOMER CLEANED THE IMPACTED AREA	CALL BACK IN 48 HOURS
DEREK R. GUTHRIE WQTC	KY0078956	8814 BLUEBELL DR	4/4/2025 11:15	4/4/2025 11:30	1	PC07531029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923062	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE WQTC	KY0078956	4510 HILLSIDE DR	4/4/2025 11:18	4/4/2025 11:34	1	109300120000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3922902	CUSTOMER CLEANED THE IMPACTED AREA	CALL BACK IN 48 HOURS
MORRIS FORMAN WQTC	KY0022411	9602 TAYLORSVILLE RD	4/4/2025 11:55	4/4/2025 12:05	1	048300110000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3922920	CUSTOMER CLEANED THE IMPACTED AREA	THIS IS A CAPACITY ISSUE ADVISED CUSTOMER BY PHONE MESSAGE ADVISED CUSTOMER TO CALL BACK AFTER THE RAIN EVENT IS STILL BACKING UP
DEREK R. GUTHRIE WQTC	KY0078956	8304 LINDA RD	4/4/2025 12:35	4/4/2025 13:00	1	179007	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923156	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN WQTC	KY0022411	2601 ENGLEWOOD AVE	4/4/2025 13:07	4/4/2025 13:40	1	31527	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3922990	CUSTOMER CLEANED THE IMPACTED AREA	THIS IS A CAPACITY ISSUE ADVISED CUSTOMER BY PHONE MESSAGE ADVISED CUSTOMER TO CALL BACK AFTER THE RAIN EVENT IS STILL BACKING UP
MORRIS FORMAN WQTC	KY0022411	2428 ANIMATED TREE WAY	4/4/2025 13:32	4/4/2025 13:41	1	188701300000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923013	CUSTOMER CLEANED THE IMPACTED AREA	THIS IS A CAPACITY ISSUE ADVISED CUSTOMER BY PHONE MESSAGE ADVISED CUSTOMER TO CALL BACK AFTER THE RAIN EVENT IS STILL BACKING UP
DEREK R. GUTHRIE WQTC	KY0078956	4508 ST RITA DR	4/4/2025 13:35	4/4/2025 13:30	1	PC11952019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923163	ADVISED THE CUSTOMER THAT THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE WQTC	KY0078956	7914 JUDGE BLVD	4/4/2025 13:35	4/4/2025 14:00	1	PC11187029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923188	ADVISED THE CUSTOMER THAT THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN WQTC	KY0022411	253 ST MATTHEWS AVE	4/4/2025 13:38	4/4/2025 13:43	3	LL11707049	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923027	CUSTOMER CLEANED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN WQTC	KY0022411	3204 GARLAND AVE	4/4/2025 13:45	4/4/2025 13:52	1	42928	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923036	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER

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DEREK R. GUTHRIE WQTC	KY0078956	4903 W BAHIA MA CT	4/4/2025 14:30	4/4/2025 15:00	1	PB18028029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923237	ADVISED THE CUSTOMER THAT THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
DEREK R. GUTHRIE WQTC	KY0078956	4910 SUNDAY DR	4/4/2025 15:05	4/4/2025 15:35	1	PB18177029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923251	ADVISED THE CUSTOMER THAT THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN WQTC	KY0022411	9514 TAYLORSVILLE RD	4/4/2025 15:06	4/4/2025 15:22	1	180100010000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923101	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CALL BACK IN 48 HOURS IF WATER HAS NOT RECEDED
MORRIS FORMAN WQTC	KY0022411	502 ROTHBURY LN	4/4/2025 15:13	4/4/2025 15:23	5	186303370000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923113	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN WQTC	KY0022411	5300 RIDGE CREST RD	4/4/2025 15:18	4/4/2025 15:32	1	PA09206029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923109	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CALL BACK IN 24-48 HOURS IF WATER HAS NOT RECEDED AFTER RAINFALL ENDS
MORRIS FORMAN WQTC	KY0022411	4179 SHERMAN AVE	4/4/2025 15:20	4/4/2025 15:40	1	KK14952019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923215	CUSTOMER CLEANED THE IMPACTED AREA	CALL BACK IN 48 HOURS
MORRIS FORMAN WQTC	KY0022411	2236 WYNNIEWOOD CIR	4/4/2025 15:27	4/4/2025 16:05	1	164839	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923117	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
HITE CREEK WQTC	KY0022420	9902 HEAD FARM RD	4/4/2025 15:34	4/4/2025 15:45	1	172311	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923127	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CALL BACK IN 24-28 HOURS IF STILL HAVING ISSUES
DEREK R. GUTHRIE WQTC	KY0078956	6805 BAHIA CT	4/4/2025 15:40	4/4/2025 16:10	1	PB18282039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923256	ADVISED THE CUSTOMER THAT THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN WQTC	KY0022411	10801 DARTFORD PL	4/4/2025 16:06	4/4/2025 16:13	10	132177	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923154	CUSTOMER CLEANED THE IMPACTED AREA	CAPACITY ISSUE ADVISED CUSTOMER IF STILL HAVING PROBLEMS TO CALL BACK AFTER 48 HOURS
DEREK R. GUTHRIE WQTC	KY0078956	4703 SUNDAY DR	4/4/2025 16:15	4/4/2025 17:00	1	PB18123019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923261	ADVISED THE CUSTOMER THAT THEY ARE RESPONSIBLE FOR CLEANING THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD

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MORRIS FORMAN WQTC	KY0022411	3127 MAY- WOOD PL	4/4/2025 16:35	4/4/2025 16:36	1	69995	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923180	CUSTOMER CLEANED THE IMPACT-ED AREA	CAPACITY ISSUE ADVISED CUSTOMER IF STILL HAVING PROBLEMS TO CALL BACK AFTER 48 HOURS
MORRIS FORMAN WQTC	KY0022411	11107 FINCH- LEY RD	4/4/2025 16:47	4/4/2025 17:06	1	185202390000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923184	CUSTOMER CLEANED THE IMPACT-ED AREA	CAPACITY ISSUE ADVISED CUSTOMER IF STILL HAVING PROBLEMS TO CALL BACK AFTER 48 HOURS
MORRIS FORMAN WQTC	KY0022411	2719 SHEILA DR	4/4/2025 17:00	4/4/2025 17:01	1	XX11697019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923194	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN THE IMPACT-ED AREA	INVESTIGATION INDICATED THAT ADDITIONAL RE-PAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN WQTC	KY0022411	2201 LANDAN DR	4/4/2025 17:01	4/4/2025 17:01	1	57030	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923193	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE WQTC	KY0078956	9113 ROYAL OAK DR	4/4/2025 17:01	4/4/2025 17:24	1	AU12040019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923208	CUSTOMER CLEANED THE IMPACT-ED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN WQTC	KY0022411	4106 BLOS- SOMWOOD DR	4/4/2025 17:23	4/4/2025 17:31	1	089J01370000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923212	CUSTOMER CLEANED THE IMPACT-ED AREA	INVESTIGATION INDICATED THAT ADDITIONAL RE-PAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN WQTC	KY0022411	4850 BRENDA DR	4/4/2025 17:30	4/4/2025 18:30	1	062500840000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923265	ADVISED THE CUSTOMER THAT THEY ARE RESPON-SIBLE FOR CLEANING THE IMPACT-ED AREA	INVESTIGATION INDICATED THAT ADDITIONAL RE-PAIRS WERE NOT REQUIRED BY MSD
FLOYDS FORK WQTC	KY0102784	1108 BLACK- THORN RD	4/4/2025 17:32	4/4/2025 17:40	1	10968120	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923213	CUSTOMER CLEANED THE IMPACT-ED AREA	CAPACITY ISSUE ADVISED CUSTOMER IF STILL HAVING PROBLEMS TO CALL BACK AFTER 48 HOURS
DEREK R. GUTHRIE WQTC	KY0078956	7610 GREEN- FIELD AVE	4/4/2025 17:50	4/4/2025 18:00	1	Y08353019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923235	CUSTOMER CLEANED THE IMPACT-ED AREA	CALL BACK IN 48 HOURS
MORRIS FORMAN WQTC	KY0022411	4004 WOOD- GATE LN	4/4/2025 17:57	4/4/2025 18:01	1	BJ14209019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923230	CUSTOMER CLEANED THE IMPACT-ED AREA	CAPACITY ISSUE ADVISED CUSTOMER IF STILL HAVING PROBLEMS TO CALL BACK AFTER 48 HOURS
MORRIS FORMAN WQTC	KY0022411	3601 TEM- PLEWOOD DR	4/4/2025 19:00	4/4/2025 20:00	1	102929	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923288	ADVISED THE CUSTOMER THAT THEY ARE RESPON-SIBLE FOR CLEANING THE IMPACT-ED AREA	INVESTIGATION INDICATED THAT ADDITIONAL RE-PAIRS WERE NOT REQUIRED BY MSD

WQTC NAME	WQTC KPDLES#	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	6901 OAKVIEW CT	4/7/2025 8:54	4/7/2025 9:06	1	BW04566079	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923543	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN WQTC	KY0022411	3408 PREST-WOOD DR	4/9/2025 9:37	4/9/2025 9:56	1	PA06382019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923920	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN WQTC	KY0022411	5702 EM-MALEE DR	4/10/2025 9:21	4/10/2025 9:35	1	087100870000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3925537	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE WQTC	KY0078956	8004 ANNEL-LA WAY	4/10/2025 11:15	4/10/2025 11:35	1	181444	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3925803	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
MORRIS FORMAN WQTC	KY0022411	3226 WREN RD	4/11/2025 11:10	4/11/2025 11:29	1	114302	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3926039	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
DEREK R. GUTHRIE WQTC	KY0078956	3630 ROBIN DR	4/16/2025 11:55	4/16/2025 13:30	1	116100810000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	3926829	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED AND ROOT CUT THE OBSTRUCTION FROM THE SEWER 3926826
MORRIS FORMAN WQTC	KY0022411	2812 POME-ROY DR	4/24/2025 21:45	4/24/2025 23:00	1	091A01710000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	WET WEATHER	3935390	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED MAIN SEWER 3935391
MORRIS FORMAN WQTC	KY0022411	1516 WOOD-LUCK AVE	5/6/2025 18:00	5/6/2025 18:30	1	091R00440000A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	3937315	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER TYLIS 3937295
MORRIS FORMAN WQTC	KY0022411	4156 SHEL-BYVILLE RD	6/10/2025 13:15	6/10/2025 13:45	1	134135	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DRY WEATHER	3952868	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED MAIN SEWER 3952870
MORRIS FORMAN WQTC	KY0022411	9214 REIGATE CT	6/12/2025 12:15	6/12/2025 13:30	1	HU15634019	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DRY WEATHER	3953474	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED MAIN SEWER 3953475
DEREK R. GUTHRIE WQTC	KY0078956	4734 DUANE AVE	6/26/2025 14:00	6/26/2025 15:58	1	130610	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	3962594	DISCLN 3962596	MSD PERSONNEL FLUSHED MAIN SEWER AND MAIN SEWER RECEDED. REFER TO AREA SUPERVISOR FOR FURTHER INVESTIGATION 3962598

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
CEDAR CREEK WQTC	KY0098540	8141 BARDSTOWN RD	7/2/2024 19:00	7/2/2024 19:30	1	Sewer Main	107598	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DRY WEATHER	3815603	CUSTOMER ADVISED MSD PER-SONNEL THEY WOULD CLEAN IMPACTED AREA	FLUSHED MAIN SEWER 100 FT
DEREK R. GUTHRIE WQTC	KY0078956	9713 GANDY RD	7/4/2024 2:40	7/4/2024 7:00	1	Sewer Main	09760	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE/ROOTS	WET WEATHER	3815785	CUSTOMER ADVISED MSD PER-SONNEL THEY WOULD CLEAN IMPACTED AREA	FLUSHED/VACTORED THE OBSTRUCTION/DEBRIS FROM THE SEWER
MORRIS FORMAN WQTC	KY0022411	4156 SHELBYVILLE RD	7/8/2024 9:45	7/8/2024 10:45	1	Sewer Service Line	134135	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DRY WEATHER	3816698	CUSTOMER CLEANED IMPACTED AREA	FLUSHED AND VACTORED MAIN SEWER
DEREK R. GUTHRIE WQTC	KY0078956	4909 DEE RD	7/20/2024 18:30	7/20/2024 18:50	1	Sewer Main	17854	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	3819825	CUSTOMER ADVISED MSD PER-SONNEL THEY WOULD CLEAN IMPACTED AREA	FLUSHED MAIN SEWER 300 FT GOT OPEN NORMAL FLOW RESTORED
MORRIS FORMAN WQTC	KY0022411	5346 SOUTHDAL RD	7/23/2024 20:30	7/23/2024 20:40	1	Sewer Main	54048-ST	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE/ROOTS	DRY WEATHER	3821916	MSD PER-SONNEL CLEANED IMPACTED AREA	REFERRED FOR TVI #3821917
DEREK R. GUTHRIE WQTC	KY0078956	6501 FLAGLER AVE	8/2/2024 10:30	8/2/2024 11:30	50	Sewer Lift Station	SSPSDG-LELA	MECHANICAL FAILURE (CLEAN OUT CAP LEAKING)	MECHANICAL FAILURE	WET WEATHER	3825490	CLEANED AND SANITIZED THE IMPACTED AREA	REPLACED TEFLON TAPE AND PIPE DOPE ON CAP
CEDAR CREEK WQTC	KY0098540	8000 BARDSTOWN RD	8/10/2024 20:25	8/9/2024 23:05	5	Sewer Main	92503	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DRY WEATHER	3829558	MSD PER-SONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED MAIN
MORRIS FORMAN WQTC	KY0022411	11212 NEW STONE CT	8/17/2024 17:10	8/17/2024 19:30	200	Sewer Manhole	00581	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE/ROOTS	DRY WEATHER	3830757	MSD PER-SONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED MAIN SEWER REMOVED BLOCKAGE
DEREK R. GUTHRIE WQTC	KY0078956	5915 OUTER LOOP	8/21/2024 12:00	8/21/2024 13:30	1	Sewer Service Line	PB15925019	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE/ROOTS	DRY WEATHER	3845450	MSD PER-SONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSH THE MAIN 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
NO PLANT-GOES TO STREAM/RIVER		3705 STONE LAKES DR	8/28/2024 20:00	8/28/2024 20:40	5	Storm Inlet	FF95839	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DRY WEATHER	3845680	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED/VACTORED THE GREASE FROM THE SEWER AND PAGED THE ON CALL ERP TO INVESTIGATE THE COMMERCIAL SOURCE OF THE GREASE
MORRIS FORMAN WQTC	KY0022411	4522 AL-GONQUIN PKY	9/5/2024 17:00	9/5/2024 17:20	2,000	Sewer Treatment Plant	WQTCMF	OPERATOR HAD SCREW CONVEYOR GOING THE WRONG DIRECTION WHILE FLUSHING A CENTRIFUGE	MECHANICAL FAILURE	DRY WEATHER	3846719	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	CORRECTED THE ISSUE AND CLEANING UP THE SPILLING WO #3846803
HITE CREEK WQTC	KY0022420	4207 ACCO-MACK DR	9/5/2024 18:15	9/5/2024 18:35	2	Sewer Main	22172	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-GREASE / ROOTS	DRY WEATHER	3846734	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED/VACTORED OBSTRUCTION/DEBRIS FROM THE SEWER
MORRIS FORMAN WQTC	KY0022411	2432 GLEN-MARY AVE	9/6/2024 9:18	9/6/2024 10:05	1	Sewer Manhole	12896	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-GREASE / ROOTS	DRY WEATHER	3846781	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED THE OBSTRUCTION/DEBRIS FROM THE SEWER
MORRIS FORMAN WQTC	KY0022411	6614 MO-ROCCO DR	9/7/2024 19:30	9/7/2024 21:00	1	Sewer Main	07877	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-GREASE / ROOTS	DRY WEATHER	3846908	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED/VACTORED OBSTRUCTION/DEBRIS FROM THE SEWER
HITE CREEK WQTC	KY0022420	7311 GRAND ISLE WAY	9/11/2024 11:45	9/11/2024 11:50	50	Sewer Main	SSPSHC-GIWA	STRUCTURAL FAILURE (FORCEMAIN BREAK)	STRUCTURAL FAILURE	DRY WEATHER	3847391	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	REPAIRED THE (FORCEMAIN BY CONTRACTOR; WO3847393)
MORRIS FORMAN WQTC	KY0022411	207 ST MATTHEWS AVE	9/27/2024 21:00	9/27/2024 22:00	1	Sewer Main	19907	ROOTS IN THE MAIN SEWER	OBSTRUCTION-GREASE / ROOTS	WET WEATHER	3853822	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED OBSTRUCTION FROM MAIN SEWER. FLOWING FINE NOW
DEREK R. GUTHRIE WQTC	KY0078956	4806 BARD-STOWN RD	10/4/2024 17:21	10/4/2024 21:25	1	Sewer Main	110178	GREASE AND OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-GREASE / ROOTS	DRY WEATHER	3854827	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED THE MAIN SEWER SEVERAL TIMES #3854828
CEDAR CREEK WQTC	KY0098540	12711 TAY-LORSVILLE RD	10/7/2024 8:30	10/7/2024 9:30	5	Sewer Manhole	110743	OBSTRUCTION IN THE MAIN SEWER	OBSTRUCTION-GREASE / ROOTS	DRY WEATHER	3854940	MSD PERSONNEL CLEANED AND SANITIZED IMPACTED AREA	FLUSHED MAIN SEWER/REFER TO TV CREW FOR TV #3854941

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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
FLOYDS FORK WQTC	KY0102784	713 TUCKER STATION RD	10/7/2024 15:00	10/7/2024 16:00	1	Sewer Service Line	MT12450719	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	3855019	MSD PER-SONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED MAIN SEWER #3855020
FLOYDS FORK WQTC	KY0102784	13905 SASSAFRAS TREE DR	10/8/2024 0:20	10/8/2024 2:20	1	Sewer Main	80491A	GREASE IN MAIN SEWER	GREASE BLOCK-AGE	DRY WEATHER	3855043	MSD PER-SONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED MAIN SEWER 50 FT GOT OPEN #3855044
CEDAR CREEK WQTC	KY0089540	8405 CEDAR CREEK RD	10/18/2024 10:40	10/18/2024 10:40	250	Sewer Treatment Plant	WQTCCC	BYPASS AT WQTC	MECHANICAL FAILURE	DRY WEATHER	3858478	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	CONTRACTOR RAKED BAR SCREEN TO CLEAR
MORRIS FORMAN WQTC	KY0022411	1114 ROST-REVOR CIR	10/27/2024 12:00	10/27/2024 12:50	1	Sewer Main	45917	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DRY WEATHER	3861590	MSD PER-SONNEL CLEANED THE IMPACTED AREA	REVERSE FLUSHED MAIN SEWER GOT OPEN #3861591
HITE CREEK WQTC	KY0022420	6610 W STHY 146	11/2/2024 18:00	11/2/2024 19:00	2	Sewer Main	90769	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	3863175	MSD PER-SONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED/ VACTORED THE OBSTRUCTION/ DEBRIS FROM THE SEWER #3863174
MORRIS FORMAN WQTC	KY0022411	9007 REINHART WAY	11/4/2024 18:30	11/4/2024 19:00	1	Sewer Main	73553	OBSTRUCTION IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	3865556	MSD CLEANED THE IMPACTED AREA	REFERRED FOR TVI #3865557
DEREK R. GUTHRIE WQTC	KY0078956	4518 MELTON AVE	11/5/2024 17:20	11/5/2024 18:25	1	Sewer Main	117198	GREASE IN MAIN SEWER	GREASE BLOCK-AGE	DRY WEATHER	3865998	MSD PER-SONNEL CLEANED AND SANITIZED THE IMPACTED AREA	REFERRED FOR TVI/IWD #3866009
DEREK R. GUTHRIE WQTC	KY0078956	9510 STILL-RIDGE PL	11/13/2024 22:30	11/13/2024 22:40	1	Sewer Main	58728	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3869437	CUSTOMER CLEANED THE IMPACTED AREA	REFERRED TO CREW FOR TV INSPECTION
DEREK R. GUTHRIE WQTC	KY0078956	420 ECHAPPE LN	11/16/2024 11:00	11/16/2024 12:00	1	Sewer Main	81431	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	3869889	MSD PER-SONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED MAIN SEWER/REFERRED FOR EMERGENCY TVI 3869891
DEREK R. GUTHRIE WQTC	KY0078956	7933 FEGENBUSH LN	12/4/2024 21:00	12/4/2024 21:35	1	Sewer Main	31357A	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	3878989	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED DEBRIS FROM SEWER #3878988

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	4522 AL-GONQUIN PKY	12/11/2024 11:40	12/19/2024 7:14	131,500	Sewer Treatment Plant	WQTCMF	MECHANICAL FAILURE (PIPE RUPTURES)	MECHANICAL FAILURE	DRY WEATHER	3879631	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA	REPAIRED THE (DEMOED OLD LEAKING LINES)
MORRIS FORMAN WQTC	KY0022411	1130 ROST-REVOR CIR	12/13/2024 10:49	12/13/2024 12:23	10	Sewer Main	45904	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	3879748	MSD PER-SONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED/ VACTORED THE OBSTRUCTION/ DEBRIS FROM THE SEWER 3879744
NO PLANT-GOES TO STREAM/ RIVER		4800 POP-LAR PLACE DR	12/20/2024 13:00	12/20/2024 15:30	1	Storm Inlet	PC45907	GREASE IN MAIN SEWER	GREASE BLOCK-AGE	DRY WEATHER	3885762	CUSTOMER ADVISED MSD PER-SONNEL THAT THEY WILL CLEAN IMPACTED AREA	FLUSHED MAIN GOT OPEN 3885763
CEDAR CREEK WQTC	KY0098540	10511 ST RENE RD	12/21/2024 18:00	12/21/2024 18:20	2	Sewer Main	27876	GREASE IN MAIN SEWER	GREASE BLOCK-AGE	DRY WEATHER	3885793	MSD PER-SONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED DEBRIS FROM SEWER #3886086
NO PLANT-GOES TO STREAM/ RIVER		2207 GER-ALD CT	12/23/2024 23:30	12/24/2024 0:30	2	Storm Inlet	BG78153	OBSTRUCTION IN THE MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	3885919	MSD PER-SONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED DEBRIS FROM SEWER 3885918
MORRIS FORMAN WQTC	KY0022411	6309 LIME RD	12/29/2024 11:30	12/29/2024 12:30	1	Sewer Main	44057	ROOTS IN MAIN SEWER	ROOTS	WET WEATHER	3886326	CUSTOMER ADVISED MSD PER-SONNEL THAT THEY WILL CLEAN THE IMPACT-ED AREA	FLUSHED MAIN SEWER 3886327
MORRIS FORMAN WQTC	KY0022411	9810 OR-LANDI CT	12/29/2024 12:45	12/29/2024 13:00	1	Sewer Main	28478	LACK OF SYS-TEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3886324	CUSTOMER ADVISED MSD PER-SONNEL THAT THEY WILL CLEAN THE IMPACT-ED AREA	ADVISED CUSTOM-ER TO CALL BACK IN 24 TO 48 HOURS IF SEWAGE HASNT RECEDED
MORRIS FORMAN WQTC	KY0022411	9810 OR-LANDI CT	12/30/2024 21:50	12/30/2024 22:00	1	Sewer Main	28478	LACK OF CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3886943	CUSTOMER ADVISED MSD PER-SONNEL THAT THEY WILL CLEAN THE IMPACT-ED AREA	MSD PERSONNEL ADVISED THE CUS-TOMER TO CALL BACK IN IF STILL HAVING ISSUE AFTER 24 TO 48 HOURS
HITE CREEK WQTC	KY0022420	9810 U S HIGHWAY 42	1/9/2025 15:41	1/9/2025 15:50	500	Sewer Lift Station	SSPSHC-NHUC	ELECTRICAL PROBLEM WITH MSD EQUIPMENT	ELEC-TRICAL PROB-LEMS AT MSD	DRY WEATHER	3887724	CLEANED AND SANI-TIZED THE IMPACTED AREA	REPAIRED THE EQUIPMENT

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DEREK R. GUTHRIE WQTC	KY0078956	4739 DIXIE HWY	1/14/2025 20:20	1/14/2025 20:50	1	Sewer Main	90380	GREASE IN MAIN SEWER	GREASE BLOCK-AGE	DRY WEATHER	3888092	CUSTOMER ADVISED MSD PER-SONNEL THAT THEY WILL CLEAN THE IMPACT-ED AREA	FLUSHED MAIN SEWER GOT BLOCKAGE OUT #3888093
MORRIS FORMAN WQTC	KY0022411	2427 RID-GEVIEW AVE	1/15/2025 11:29	1/15/2025 15:09	1	Sewer Main	31197A-ST	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	3888100	CUSTOMER CLEANED THE IMPACT-ED AREA	REFER OVER TO SANITARY PSOR 3888163
CEDAR CREEK WQTC	KY0088540	9210 WALT-LEE RD	1/19/2025 17:30	1/19/2025 18:40	1	Sewer Manhole	28969	OBSTRUC-TION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	3891717	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED DEBRIS FROM SEWER 3891716
MORRIS FORMAN WQTC	KY0022411	1011 BURNING SPRINGS DR	1/22/2025 12:00	1/22/2025 17:19	1	Sewer Main	46881	OBSTRUC-TION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	3894334	MSD CON-TACTED CUSTOMER AND SANI-TIZED THE IMPACTED AREA	FLUSHED AND ROOT CUT THE MAIN 3894340
DEREK R. GUTHRIE WQTC	KY0078956	2538 PEN-NACOOK RD	2/5/2025 10:55	2/5/2025 12:34	1	Sewer Main	33208	OBSTRUC-TION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	3897560	MSD PER-SONNEL CLEANED AND SANI-TIZED THE IMPACTED AREA	FLUSHED AND ROOT CUT THE MAIN SEWER 400 FEET. THE MAIN SEWER IS FLOW-ING FINE NOW. 3897561
DEREK R. GUTHRIE WQTC	KY0078956	4104 CHEV-IOT DR	2/6/2025 9:00	2/6/2025 11:45	1	Sewer Main	81827	OBSTRUC-TION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	3897796	CUSTOMER CLEANED THE IMPACT-ED AREA	FLUSHED AND ROOT CUT THE MAIN 3897797
CEDAR CREEK WQTC	KY0088540	7121 ROCKY LN	2/7/2025 14:11	2/24/2025 16:45	5	Sewer Ser-vice Line	182503	OBSTRUC-TION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	WET WEATHER	3898059	CUSTOMER ADVISED MSD PER-SONNEL THAT THEY WILL CLEAN THE IMPACT-ED AREA	REFER OVER TO LASA AREA SUPERVISOR MSR 3898468
DEREK R. GUTHRIE WQTC	KY0078956	4404 DIXIE HWY	2/8/2025 18:20	2/8/2025 19:00	1	Sewer Main	30282	GREASE IN MAIN SEWER	GREASE BLOCK-AGE	WET WEATHER	3898106	CUSTOMER ADVISED MSD PER-SONNEL THAT THEY WILL CLEAN THE IMPACT-ED AREA	FLUSHED MAIN SEWER GOT OPEN #3898107
MORRIS FORMAN WQTC	KY0022411	330 S HUB-BARDS LN	2/13/2025 16:50	2/13/2025 17:50	1	Sewer Main	47018-ST	OBSTRUC-TION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	3898949	MSD PER-SONNEL CLEANED THE IMPACT-ED AREA	FLUSHED DEBRIS FROM SEWER 3898948
DEREK R. GUTHRIE WQTC	KY0078956	1720 SAND-ERS LN	2/13/2025 20:00	2/13/2025 21:00	1	Sewer Main	04649	OBSTRUC-TION IN MAIN SEWER	OB-STRUC-TION-NOT GREASE / ROOTS	DRY WEATHER	3898947	MSD PER-SONNEL CLEANED IMPACTED AREA	FLUSHED DEBRIS FROM SEWER RC 3898946

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	8908 GONEWIND CT	2/15/2025 0:15	2/16/2025 0:25	1	Sewer Service Line	BJ23155029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899347	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	ADVISED THE CUSTOMER TO CALL BACK IN 24 TO 48 HOURS
DEREK R. GUTHRIE WQTC	KY0078956	4600 ST RITA DR	2/15/2025 1:50	2/16/2025 1:55	1	Sewer Service Line	PC11972019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899358	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	MSD PERSONNEL ADVISED CUSTOMER TO CALL BACK IN 24 TO 48 HOURS IF STILL HAVING ISSUES
MORRIS FORMAN WQTC	KY0022411	5401 STEPHEN FOSTER AVE	2/15/2025 23:10	2/15/2025 23:20	1	Sewer Service Line	PA11001029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899340	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN THE IMPACTED AREA	ADVISED CUSTOMER TO CALL BACK IN 24 TO 48 HOURS
MORRIS FORMAN WQTC	KY0022411	4181 SHERMAN AVE	2/15/2025 23:40	2/15/2025 23:48	1	Sewer Service Line	KK14951019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899343	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	ADVISED CUSTOMER TO CALL BACK IN 24 TO 48 HOURS IF STILL HAVING ISSUES
DEREK R. GUTHRIE WQTC	KY0078956	1400 PARKRIDGE PKY	2/16/2025 1:20	2/16/2025 1:30	1	Sewer Service Line	1510354	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899351	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL BACK IN 24 TO 48 HOURS
DEREK R. GUTHRIE WQTC	KY0078956	1103 FRANKLIN RD	2/16/2025 2:55	2/16/2025 3:10	1	Sewer Service Line	062L02560000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899364	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL BACK IN 24 TO 48 HOURS IF STILL HAVING ISSUES
DEREK R. GUTHRIE WQTC	KY0078956	9113 ROYAL OAK DR	2/16/2025 3:15	2/16/2025 3:25	1	Sewer Service Line	AU12040019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899365	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL BACK IN 24 TO 48 HOURS IF STILL HAVING ISSUES
DEREK R. GUTHRIE WQTC	KY0078956	1063 RUNELL RD	2/16/2025 3:30	2/16/2025 3:40	1	Sewer Service Line	062K00380000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899368	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL BACK IN 24 TO 48 HOURS IF STILL HAVING ISSUES
MORRIS FORMAN WQTC	KY0022411	7206 GERBER AVE	2/16/2025 3:45	2/16/2025 3:55	1	Sewer Service Line	Y08954019	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899373	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL BACK IN 24 TO 48 HOURS IF STILL HAVING ISSUES

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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	8108 CARNES DR	2/16/2025 4:05	2/16/2025 4:15	1	Sewer Service Line	178516	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899375	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL BACK IN 24 TO 48 HOURS IF STILL HAVING ISSUES
DEREK R. GUTHRIE WQTC	KY0078956	4613 MILE OF SUNSHINE DR	2/16/2025 4:30	2/16/2025 4:40	1	Sewer Service Line	PB18232029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899381	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL BACK IN 24 TO 48 HOURS IF STILL HAVING ISSUES
MORRIS FORMAN WQTC	KY0022411	1324 LACONALIN	2/16/2025 4:50	2/16/2025 5:00	1	Sewer Service Line	087H01120000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899383	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL BACK IN 24 TO 48 HOURS IF STILL HAVING ISSUES
DEREK R. GUTHRIE WQTC	KY0078956	1106 FRANELM RD	2/16/2025 5:10	2/16/2025 5:15	1	Sewer Service Line	44273	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899391	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL IN 24 TO 48 HOURS IF STILL HAVING ISSUES
MORRIS FORMAN WQTC	KY0022411	4102 LAURELWOOD AVE	2/16/2025 5:20	2/16/2025 5:30	1	Sewer Service Line	58390	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899394	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL IN 24 TO 48 HOURS IF STILL HAVING ISSUES
MORRIS FORMAN WQTC	KY0022411	3400 KERRY DR	2/16/2025 5:20	2/16/2025 5:30	1	Sewer Service Line	087J00390000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899388	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL IN 24 TO 48 HOURS IF STILL HAVING ISSUES
MORRIS FORMAN WQTC	KY0022411	4654 CLIFF AVE	2/16/2025 6:30	2/16/2025 6:40	1	Sewer Main	74732	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899411	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL IN 24 TO 48 HOURS IF STILL HAVING ISSUES
DEREK R. GUTHRIE WQTC	KY0078956	1823 MARY CATHERINE DR	2/16/2025 6:50	2/16/2025 7:00	1	Sewer Main	06356	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899412	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL IN 24 TO 48 HOURS IF STILL HAVING ISSUES
CEDAR CREEK WQTC	KY0098540	9001 ELI DR	2/16/2025 12:22	2/16/2025 13:00	1	Sewer Manhole	111914	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899465	CUSTOMER CLEANED THE IMPACTED AREA	MAIN IS NOW FLOWING

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	4003 PIX-LEY WAY	2/16/2025 23:38	2/16/2025 23:50	1	Sewer Service Line	087100520000A	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3899361	CUSTOMER ADVISED MSD PER-SONNEL THAT THEY WILL CLEAN IMPACTED AREA	ADVISED THE CUSTOMER TO CALL BACK IN 24 TO 48 HOURS IF STILL HAVING ISSUES
CEDAR CREEK WQTC	KY0098540	7601 BARD-STOWN RD	2/18/2025 15:00	2/18/2025 16:05	5	Sewer Manhole	115886	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	3902826	MSD PER-SONNEL CLEANED AND SANITIZED THE IMPACTED AREA	ROOT CUT SANITARY 3902825
MORRIS FORMAN WQTC	KY0022411	121 W OAK ST	2/28/2025 8:00	3/17/2025 10:18	100	Sewer Main	50180-ST	LWC REPAIR IN INTERSECTION OF BROOK AND OAK.	UTILITY DAMAGED MSD ASSET	DRY WEATHER	3905312	WATER COMPANY CONTRACTOR WILL CLEAN SANITIZE IMPACTED AREAS NECESSARY.	WATER COMPANY CONTRACTOR WILL MAKE NECESSARY REPAIRS.
MORRIS FORMAN WQTC	KY0022411	707 S 3RD ST	2/28/2025 19:45	2/28/2025 20:00	1	Sewer Main	77156	FURTHER INVESTIGATION NEEDED	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	3906724	CUSTOMER ADVISED MSD PER-SONNEL THEY WOULD CLEAN IMPACTED AREA	REFERRED FOR TVLS
CEDAR CREEK WQTC	KY0098540	4007 STONE LAKES DR	3/3/2025 18:00	3/3/2025 22:08	2,250	Sewer Main	86136-AG	MECHANICAL FAILURE (BROKEN ARV)	MECHANICAL FAILURE	DRY WEATHER	3905720	CLEANED AND SANITIZED THE IMPACTED AREA	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS NEEDED
MORRIS FORMAN WQTC	KY0022411	1526 CEDAR ST	3/6/2025 17:08	3/6/2025 17:30	1	Sewer Service Line	18231526	UTILITY DAMAGED MSD ASSET	UTILITY DAMAGED MSD ASSET	DRY WEATHER	3906629	CUSTOMER CLEANED THE IMPACTED AREA	SEE WO 3906632
MORRIS FORMAN WQTC	KY0022411	11100 BERWICK PL	3/9/2025 19:40	3/9/2025 20:20	1	Sewer Main	00538	OBSTRUCTION IN MAIN SEWER	ROOTS	DRY WEATHER	3906874	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED DEBRIS FROM SEWER 3906873
DEREK R GUTHRIE WQTC	KY0078956	2218 MARY CATHERINE DR	3/18/2025 16:50	3/18/2025 18:06	1	Sewer Service Line	69568	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION-NOT GREASE / ROOTS	DRY WEATHER	3918423	NO CLEAN UP PERFORMED	FLUSHED/ VACTORED THE OBSTRUCTION / DEBRIS FROM THE SEWER 3919576
MORRIS FORMAN WQTC	KY0022411	3925 SHELBYVILLE RD	3/20/2025 19:00	3/20/2025 21:30	2	Sewer Main	47551-CO	GREASE IN MAIN SEWER	GREASE BLOCKAGE	DRY WEATHER	3919772	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED DEBRIS FROM SEWER 3919770
DEREK R GUTHRIE WQTC	KY0078956	8414 LOU CT	3/24/2025 18:28	3/24/2025 18:40	1	Sewer Manhole	30130	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3920185	MSD PER-SONNEL CLEANED AND SANITIZED THE IMPACTED AREA	ADVISED CUSTOMER TO CONTACT A PLUMBER
CEDAR CREEK WQTC	KY0098540	8405 CEDAR CREEK RD	3/26/2025 10:42	3/26/2025 11:48	1	Sewer Treatment Plant	WQTC	MECHANICAL FAILURE (VALVE DRIPPING THROUGH)	MECHANICAL FAILURE	DRY WEATHER	3920438	CLEANED AND SANITIZED THE IMPACTED AREA	MAINTENANCE REPLACING VALVE

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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
HITE CREEK WQTC	KY0022420	6384 W STHY 146	3/28/2025 17:00	3/28/2025 18:00	3	Sewer Main	91224	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION NOT GREASE / ROOTS	DRY WEATHER	3920975	CUSTOMER CLEANED THE IMPACTED AREA	NO FURTHER ACTION NEEDED AT THIS TIME TVI 3920979
MORRIS FORMAN WQTC	KY0022411	3110 ARDEN RD	4/3/2025 13:10	4/3/2025 13:30	250	Sewer Valve	63825C-V	MECHANICAL FAILURE (BROKEN ARV)	MECHANICAL FAILURE	WET WEATHER	3922498	CLEANED AND SANITIZED THE IMPACTED AREA	REPAIRED THE ARV
DEREK R. GUTHRIE WQTC	KY0078956	8301 SIES- TA WAY	4/4/2025 2:11	4/8/2025 10:11	156,000	Sewer Manhole	17428	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3922608	WATER HAS NOT RECEDED - CUSTOMER ADVISED TO CONTACT CUSTOMER RELATIONS WHEN WATER RECEDES	SITE FOUND DURING RAIN EVENT RE-CON WILL BE MONITORED AND EVALUATED FOR REPAIR
MORRIS FORMAN WQTC	KY0022411	10020 MER- IONETH DR	4/4/2025 14:46	4/4/2025 15:00	1	Sewer Manhole	31734	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923083	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CALL BACK IN 24-28 HOURS IF WATER HAS NOT RECEDED AFTER RAINFALL HAS ENDED
DEREK R. GUTHRIE WQTC	KY0078956	7908 AN- NELLA WAY	4/4/2025 16:40	4/4/2025 16:55	5	Sewer Manhole	19401	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923309	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CALL BACK IN 24 HOURS
MORRIS FORMAN WQTC	KY0022411	3928 DUTCH- MANS LN	4/4/2025 17:19	4/4/2025 17:21	1	Sewer Service Line	Z18284029	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923201	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER IF STILL HAVING PROBLEMS TO CALL BACK AFTER 48 HOURS
DEREK R. GUTHRIE WQTC	KY0078956	8920 MA- PLE CREEK DR	4/5/2025 18:00	4/5/2025 18:30	5	Sewer Main	14682	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923429	CUSTOMER CLEANED THE IMPACTED AREA	ADVISED CUSTOMER TO CALL BACK IN 24 HOURS
MORRIS FORMAN WQTC	KY0022411	351 PLAZA AVE	4/6/2025 15:15	4/6/2025 15:25	1	Sewer Service Line	83219	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923487	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL BACK TO 48 HOURS IF STILL DISCHARGING	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL BACK TO 48 HOURS IF STILL HAVING ISSUES
DEREK R. GUTHRIE WQTC	KY0078956	5306 VISTA JOHN DR	4/7/2025 20:30	4/7/2025 20:45	1	Sewer Service Line	DE31312019	LACK OF SYSTEM CAPACITY ISSUE	LACK OF SYSTEM CAPACITY	WET WEATHER	3923654	CUSTOMER ADVISED MSD PERSONNEL THAT THEY WILL CLEAN IMPACTED AREA	MSD PERSONNEL ADVISED THE CUSTOMER TO CALL BACK IN 24 TO 48 HOURS IF STILL HAVING ISSUES
MORRIS FORMAN WQTC	KY0022411	709 WASH- BURN AVE	4/7/2025 22:30	4/7/2025 22:35	1	Sewer Service Line	130865	LACK OF CAPACITY ISSUE	LACK OF SYSTEM CAPACITY	WET WEATHER	3923655	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA	ADVISED CUSTOMER TO CALL BACK IN 24 TO 48 HOURS IF STILL HAVING ISSUES

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MORRIS FORMAN WQTC	KY0022411	75 WEST-WIND RD	4/8/2025 13:30		-	Sewer Service Line	P4228	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3923817	WATER HAS NOT RECEDED - CUSTOMER ADVISED TO CONTACT CUSTOMER WHEN WATER RECEDES	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD
MORRIS FORMAN WQTC	KY0022411	3701 BOHNE AVE	4/9/2025 17:53	4/9/2025 18:22	1	Sewer Main	19815	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION - NOT GREASE / ROOTS	DRY WEATHER	3924093	MSD PER-SONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED/ VACTORED THE OBSTRUCTION/ DEBRIS FROM THE SEWER 3924094
MORRIS FORMAN WQTC	KY0022411	247 ADAMS ST	4/11/2025 18:40	4/11/2025 19:30	1	Sewer Service Line	F19700039	LACK OF SYSTEM CAPACITY	LACK OF SYSTEM CAPACITY	WET WEATHER	3926122	WATER HAS NOT RECEDED - CUSTOMER ADVISED TO CONTACT CUSTOMER WHEN WATER RECEDES	NO ACTION TAKEN DUE TO THE AREA BEING UNDER WATER FROM THE FLOOD EVENT.
DEREK R. GUTHRIE WQTC	KY0078956	4600 DOHN RD	4/17/2025 9:45	4/17/2025 10:40	1	Sewer Service Line	102003700000A	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	3929413	MSD PER-SONNEL CLEANED AND SANITIZED THE IMPACTED AREA	FLUSHED THE OBSTRUCTION FROM THE RC 3929416
MORRIS FORMAN WQTC	KY0022411	5357 NEW CUT RD	4/20/2025 21:00	4/20/2025 21:30	5	Sewer Main	55049	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION - NOT GREASE / ROOTS	DRY WEATHER	3934051	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED DEBRIS FROM SEWER 3934047
MORRIS FORMAN WQTC	KY0022411	1610 GREY OWL CT	5/8/2025 12:30	5/8/2025 13:00	2	Sewer Manhole	68072	OBSTRUCTION IN MAIN SEWER	OBSTRUCTION - NOT GREASE / ROOTS	DRY WEATHER	3937841	MSD PER-SONNEL CLEANED AND SANITIZED IMPACTED AREA	FLUSHED MAIN SEWER 3937843
DEREK R. GUTHRIE WQTC	KY0078956	10805 CORBIN CT	5/11/2025 13:30	5/11/2025 13:50	1	Sewer Main	60698	ROOTS IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION	ROOTS	DRY WEATHER	3938092	CUSTOMER ADVISED MSD PER-SONNEL THAT THEY WILL CLEAN THE IMPACTED AREA	ROOT CUT THE MAIN SEWER. MAIN IS FLOWING GOOD NOW. 3938737
FLOYDS FORK WQTC	KY0102784	1100 BLUE HERON RD	5/14/2025 11:50	6/4/2025 7:28	300	Sewer Treatment Plant	WQTCFF	MECHANICAL FAILURE (CLARIFIER SCUM LINE BROKE IN GROUND)	MECHANICAL FAILURE	DRY WEATHER	3939204	CLEANED AND SANITIZED THE IMPACTED AREA	CONTRACTOR EXCAVATING AND REPAIRING LINE
MORRIS FORMAN WQTC	KY0022411	4522 AL-GONQUIN PKY	6/12/2025 7:27	6/12/2025 7:54	10,000	Sewer Treatment Plant	WQTCMF	OBSTRUCTION IN WITHDRAWAL LINE	OBSTRUCTION - NOT GREASE / ROOTS	DRY WEATHER	3953385	MSD CONTRACTOR CLEANED AND SANITIZED IMPACTED AREA	MAINTENANCE CLEARED BLOCKAGE

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MORRIS FORMAN WQTC	KY0022411	10000 SHELBYVILLE RD	6/17/2025 15:00	6/17/2025 15:45	2	Sewer Service Line	HU20324019	ROOTS IN MAIN SEWER	ROOTS	WET WEATHER	3957141	MSD PERSONNEL CLEANED AND SANITIZED IMPACTED AREA	ROOT CUT MAIN SEWER 3957145
DEREK R. GUTHRIE WQTC	KY0078956	4010 SLACK AVE	45827.3958	45827.5465	1	Sewer Main	17778	ROOTS IN MAIN SEWER	ROOTS	DRY WEATHER	3957543	CUSTOMER CLEANED THE IMPACTED AREA	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 3957544

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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

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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_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO029	L_OR_MF_155_M_09B_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_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO036	L_OR_MF_155_M_09B_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_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO181	L_OR_MF_155_M_09B_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_4-1

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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_0
CSO093 STRUCTURAL MODIFICATIONS & GREEN INFRASTRUCTURE	LTCP-CSO	CSO093	L_SO_MF_093_S_08_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_0
CSO160 SEWER SEPARATION	LTCP-CSO	CSO160	L_OR_MF_160_S_08_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_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

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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	WQTC DG	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-FWWI	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

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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
FOX HARBOR IN-LINE STORAGE	SSO	62769	S_HC_HN_NB03_S_09A_A_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-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

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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	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_ML_MF_NB07_S_07_C
HURSTBOURNE I/I INVESTIGATION & REHABILITATION	SSDP-SSO	47650	S_ML_MF_NB07_S_07_C
HURSTBOURNE I/I INVESTIGATION & REHABILITATION	SSDP-SSO	47656	S_ML_MF_NB07_S_07_C
HURSTBOURNE I/I INVESTIGATION & REHABILITATION	SSDP-SSO	67535	S_ML_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	SSP5HC-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 #1 PS I/I INVESTIGATION & REHABILITATION	SSDP-SSO	SSP5DGL-LAN1	S_PO_WC_PC05_M_07_C
LANTANA PS ELIMINATION	AM	25484	AMLANTANAPS

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LANTANA PS ELIMINATION	AM	93719	AMLANTANAPS
LEA ANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	19360	S_PO_WC_PC08_M_01_C
LEA ANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	19369	S_PO_WC_PC08_M_01_C
LEA ANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	29933	S_PO_WC_PC08_M_01_C
LEA ANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	29943	S_PO_WC_PC08_M_01_C
LEA ANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	29948	S_PO_WC_PC08_M_01_C
LEA ANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	29949	S_PO_WC_PC08_M_01_C
LEA ANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	31073	S_PO_WC_PC08_M_01_C
LEA ANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	31074	S_PO_WC_PC08_M_01_C
LEA ANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	31083	S_PO_WC_PC08_M_01_C
LEA ANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	31084	S_PO_WC_PC08_M_01_C
LEA ANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	57874	S_PO_WC_PC08_M_01_C
LEA ANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	61266	S_PO_WC_PC08_M_01_C
LEA ANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	79076	S_PO_WC_PC08_M_01_C
LEA ANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	84926	S_PO_WC_PC08_M_01_C
LEA ANN WAY SYSTEM IMPROVEMENT	SSDP-SSO	SSPSDG-LANW	S_PO_WC_PC08_M_01_C
LEA ANN 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	L_SO_MF_092_M_09B_B_D_8
LOGAN & BRECKINRIDGE ST STORAGE BASIN	LTCP-CSO	CSO111	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	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

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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, 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
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

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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
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

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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	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
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

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PROJECT NAME	PROGRAM	ASSET ID	PROJECT ID
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	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
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-CO	CSO016	L_OR_MF_211_M_13_B-A_8_

PROJECT NAME	PROGRAM	ASSET ID	PROJECT ID
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	33003	S_FF_FF_NB01_S_01_C_A
WOODLAND HILLS PS DIVERSION	SSDP-SSO	65516	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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**SECOND AMENDED CONSENT DECREE
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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
2024-046	7/3/2024 19:55	7/5/2024 9:30	37:35	1.62	2.99	TR11	211.55	No	Large wet weather event homogeneously distributed across the collection system, with a slightly higher concentration in the western areas.
2024-047	7/5/2024 9:30	7/7/2024 14:10	52:40	0.13	0.16	TR05	160.91	No	Small wet weather event, a continuation of the previous one, primarily concentrated in the Eastern parts of the collection system. DRG-WQTC treatment capacity was reduced from 180 MGD to 100 MGD.
2024-049	7/9/2024 10:30	7/12/2024 2:20	63:50	0.76	1.09	TR15	212.10	No	Moderate wet weather event primarily concentrated in the Central and Northern sections of the collection system. There was a flowmeter disconnection in the Waterway Protection Tunnel and POBA between July 10 at 23:55 and July 11 at 01:00.
2024-051	7/13/2024 17:20	7/14/2024 5:35	12:15	0.04	0.1	TR13	52.40	No	Very small heterogeneous wet weather event. Overflow in CSO16.
2024-052	7/16/2024 22:15	7/17/2024 14:00	15:45	0.43	0.87	TR14	32.90	No	Small wet weather event primarily concentrated in the Southern parts of the collection system. False activation of CSO211 caused by an issue with the inflatable dam.
2024-053	7/22/2024 17:45	7/23/2024 15:45	22:00	0.65	1.35	TR15	42.54	No	Small rainfall event heterogeneously distributed over the collection system. SOBA Basin is 100% on degraded mode.
2024-055	7/28/2024 9:00	7/31/2024 12:40	75:40	1.1	2.09	TR04	144.30	No	Moderate wet weather event concentrated mostly on the Southern and Eastern sections of the collection system. Shawnee is operating in partially degraded and manual modes, and an overflow occurred at CSO16, despite only 11% of the SOBA Basin being utilized.
2024-056	7/31/2024 14:30	8/5/2024 10:55	116:25	2.06	3.22	TR04	495.42	No	Large wet weather event heterogeneously distributed over the collection system.
2024-058	8/16/2024 8:45	8/17/2024 1:15	16:30	0.2	0.37	TR05	35.84	No	Small wet weather event concentrated mostly on Northern parts of the collection system. There was an overflow at CSO 16 despite only 40% utilization of the Northwestern Interceptor (NWI) and Western Outfall (WO) capacities, with no utilization of the Shawnee Park Basin.
2024-062	8/31/2024 17:25	9/1/2024 5:30	12:05	0.36	0.91	TR13	8.19	No	Moderate wet weather event concentrated only on the Northern parts of the collection system.
2024-063	9/6/2024 15:05	9/7/2024 3:15	12:10	0.27	0.54	TR04	7.54	No	Small wet weather event concentrated mostly on Northern parts of the collection system. Nightingale Diversion and Southeastern Division 2 are on degraded mode.
2024-064	9/13/2024 4:35	9/16/2024 10:05	77:30	1.26	1.46	TR05	234.00	No	Small wet weather event concentrated on Northern sections of the collection system.
2024-066	9/23/2024 15:00	9/26/2024 21:55	78:55	1.24	2.09	TR13	240.49	No	Moderate wet weather event concentrated mostly on Northern parts of the collection system.
2024-067	9/26/2024 21:55	9/30/2024 19:20	93:25	3.73	6.2	TR04	480.72	No	Very large wet weather event distributed mostly on the North-Western parts of the collection system (affected the whole collection system). Several overflows occurred in CSO20, CSO16 and CSO211 over 2 days.

EVENT NUMBER	START DATE	END DATE	DURATION (H:MIN)	AVG TRFD (IN)	MAX TRFD (IN)	MAX RAIN GAUGE	TOTAL (MG)	HIGH RIVER LEVELS	DESCRIPTION
2024-068	9/30/2024 19:20	10/2/2024 22:30	51:10	0.03	0.04	TR15	149.48	No	A very small wet weather event occurred, affecting only a few areas in the Western part of the collection system and some small sections in the East.
2024-071	10/31/2024 12:45	11/1/2024 8:40	19:55	0.36	0.45	TR05	48.49	No	Small wet weather event homogeneously distributed over the collection system.
2024-072	11/6/2024 2:30	11/7/2024 2:05	23:35	0.83	0.99	TR11	125.72	No	Moderate wet weather event homogeneously distributed over the collection system.
2024-073	11/7/2024 2:05	11/8/2024 12:35	34:30	0.2	0.47	TR15	93.37	No	Small rainfall event heterogeneously distributed over the collection system.
2024-074	11/10/2024 2:55	11/13/2024 16:05	85:10	1.77	2.37	TR04	401.64	No	Moderate wet weather event concentrated mostly on Northern and Western parts of the collection system.
2024-075	11/13/2024 16:05	11/18/2024 17:30	121:25	2.46	2.84	TR11	594.35	No	Large wet weather event heterogeneously distributed over the collection system. The Sneads Branch is in degraded mode due to testing the new Sneads branch gate. An over-torque fault on the new gate happened during an attempt to dewater the Sneads Branch Relief, which required re-enabling the pumps.
2024-076	11/19/2024 2:25	11/22/2024 21:10	90:45	0.72	0.94	TR13	353.35	No	Medium wet weather event primarily concentrated in the northern half of the collection system.
2024-078	11/27/2024 19:50	11/28/2024 16:45	20:55	0.29	0.35	TR14	49.77	No	Small homogeneous wet weather event. An overflow at CSO16 that lasted for 9 hours and 30 minutes.
2024-081	12/8/2024 21:55	12/10/2024 10:55	37:00	0.45	0.51	TR04	106.18	No	Small wet weather event concentrated mostly on the Western and Southern parts of the collection system.
2024-082	12/10/2024 10:55	12/11/2024 10:25	23:30	0.02	0.03	TR05	37.87	No	Rainfall event recorded on only one rain gauge TR09-CEDAR CREEK WQTC.
2024-083	12/14/2024 19:50	12/16/2024 5:50	34:00	0.43	0.5	TR04	97.96	No	Small wet weather event homogeneously distributed over the collection system.
2024-084	12/16/2024 5:50	12/18/2024 0:45	42:55	0.7	0.88	TR04	173.26	No	Moderate wet weather event distributed over the entire collection system, with greater intensity in the Northern regions.
2024-085	12/18/2024 0:45	12/25/2024 9:55	177:10	0.77	0.89	TR13	586.54	No	Moderate wet weather event distributed heterogeneously over the collection system.
2024-087	12/27/2024 9:20	12/28/2024 13:35	28:15	0.23	0.3	TR15	75.05	No	Small wet weather event homogeneously distributed over the collection system.
2024-088	12/28/2024 21:30	12/31/2024 9:05	59:35	1.1	1.24	TR14	262.93	No	Moderate wet weather event concentrated mostly on Central parts of the collection system.
2024-089	12/31/2024 9:05	1/2/2025 12:05	51:00	0.04	0.06	TR15	133.08	No	Very small wet weather event distributed mostly on Central strip of the collection system.
2025-001	1/2/2025 12:05	1/4/2025 9:10	45:05				127.48	No	Wet weather event recorded only on two rain gauges: TR19-FAIRDALE HIGH SCHOOL and TR09-CEDAR CREEK WQTC.
2025-006	1/18/2025 1:45	1/24/2025 14:05	156:20	0.25	0.31	TR04	304.23	No	Small wet weather event homogeneously distributed over the collection system.

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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
2025-007	1/30/2025 15:05	2/4/2025 19:45	124:40	1.19	1.38	TR04	469.07	No	Moderate wet weather homogeneously distributed over the collection system.
2025-008	2/5/2025 15:15	2/7/2025 23:55	56:40	1.06	1.21	TR04	260.99	No	Moderate wet weather event homogeneously distributed over the collection system. Communication lost was recorded in SOR1 and MDS on Feb 6 midnight to 1:35 AM.
2025-009	2/7/2025 23:55	2/11/2025 15:50	87:55	0.41	0.53	TR11	277.10	Yes	Moderate wet weather event affected the collection system, with heavier rainfall concentrated in its central and southern areas.
2025-010	2/11/2025 15:50	2/14/2025 17:10	73:20	0.72	0.82	TR14	238.65	Yes	Moderate rain event concentrated mostly on Central and Southern parts of the collection system.
2025-011	2/14/2025 17:10	2/21/2025 14:15	165:05	3.36	4.06	TR11	774.51	Yes	Extremely large wet weather event with 10 years return period concentrated mostly on Central and Southern parts of the collection system. TR01 shows signs of being clogged.
2025-012	2/21/2025 14:15	2/22/2025 12:45	22:30	0.11	0.16	TR15	46.45	Yes	Continuation of the previous rain event. Sneads Branch is still on degraded mode.
2025-013	2/22/2025 12:45	2/23/2025 12:45	24:00	0.05	0.08	TR11	42.30	Yes	Continuation of the previous rain event.
2025-014	2/23/2025 12:45	2/24/2025 11:55	23:10	0.1	0.1	TR13	48.34	Yes	Continuation of the previous rain event. Sneads Branch, Ashland, SWOR2, and Southern Outfall are on degraded mode.
2025-015	2/24/2025 11:55	2/25/2025 8:30	20:35	0.02	0.02	TR13	26.14	No	Continuation of the previous rain event. No rainfall was recorded by any of the rain gauges covering the collection system.
2025-017	3/4/2025 20:10	3/6/2025 1:35	29:25	0.39	0.64	TR04	97.62	No	Small wet weather event concentrated mostly on Western and Northern parts of the collection system.
2025-020	3/15/2025 7:30	3/19/2025 19:25	107:55	2.15	2.41	TR12	562.49	No	Large wet weather event distributed over the collection system with more concentration on South-Eastern areas. DRG-WQTC treatment capacity is not recorded properly due to communication loss.
2025-021	3/19/2025 22:25	3/20/2025 11:15	12:50	0.22	0.29	TR14	57.58	No	Small wet weather event homogeneously distributed over the collection system. DRG-WQTC treatment capacity is not recorded properly due to communication loss.
2025-022	3/23/2025 12:10	3/25/2025 15:15	51:05	0.51	0.78	TR12	199.50	No	Small wet weather event concentrated mostly on Central parts of the collection system.
2025-023	3/30/2025 3:10	4/2/2025 15:10	84:00	1.12	1.7	TR11	308.78	No	Moderate wet weather event homogeneously distributed over the collection system.
2025-024	4/2/2025 23:30	4/10/2025 2:45	171:15	6.6	7.29	TR11	921.98	Yes	
2025-025	4/10/2025 2:45	4/16/2025 4:00	145:15	0.26	0.37	TR11	467.10	Yes	The continuation of the prior homogeneous large wet weather event.
2025-028	4/24/2025 14:50	4/28/2025 17:10	98:20	1.1	1.57	TR13	363.37	No	Moderate wet weather event concentrated mostly in Central and Eastern parts of the collection system.
2025-031	5/2/2025 16:10	5/6/2025 8:55	88:45	1.32	1.75	TR15	245.34	No	A moderate wet weather event homogeneously distributed over the collection system.

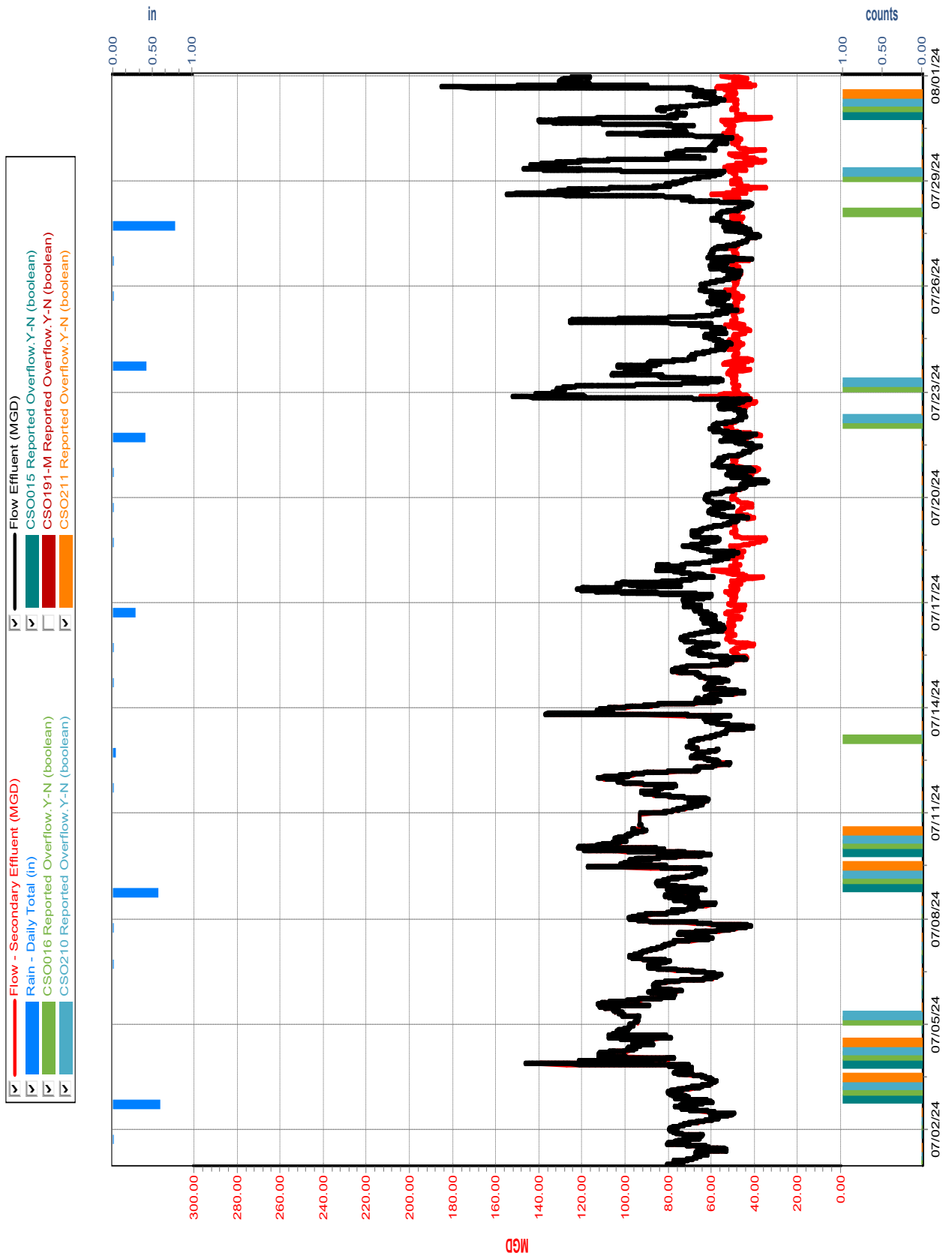
EVENT NUMBER	START DATE	END DATE	DURATION (H:MIN)	AVG TRFD (IN)	MAX TRFD (IN)	MAX RAIN GAUGE	TOTAL (MG)	HIGH RIVER LEVELS	DESCRIPTION
2025-033	5/8/2025 8:55	5/9/2025 4:45	19:50	0.12	0.68	TR05	25.09	No	A small heterogeneous rainfall event over localized regions of the collection system.
2025-035	5/13/2025 8:00	5/14/2025 9:05	25:05	0.27	0.68	TR15	19.46	No	Small heterogeneous rainfall event.
2025-036	5/16/2025 5:55	5/17/2025 6:55	25:00	0.31	0.74	TR14	18.13	No	Medium wet weather event concentrated mostly on Southern areas of the collection system.
2025-037	5/20/2025 5:15	5/21/2025 16:40	35:25	0.62	0.92	TR14	107.46	No	Moderate wet weather event concentrated mostly on Eastern parts of the collection system.
2025-040	45807.1215	45810.0625	70:35	1.15	1.47	TR05	309.49	No	Moderate wet weather event homogeneously distributed over the collection system. No data was recorded for Portland Basin.
2025-042	45814.5556	45816.7396	52:25	0.7	1.41	TR14	40.79	No	Small rainfall event distributed mostly on Southern parts of the collection system.
2025-044	45821.3993	45823.0208	38:55	0.68	0.91	TR13	139.76	No	Moderate wet weather event homogeneously distributed over the collection system.
2025-048	45826.7847	45827.5694	18:50	0.22	0.71	TR14	22.79	No	
2025-051	45834.5729	45835.2708	16:45	0.54	1.63	TR11	86.9	No	
Total								56	

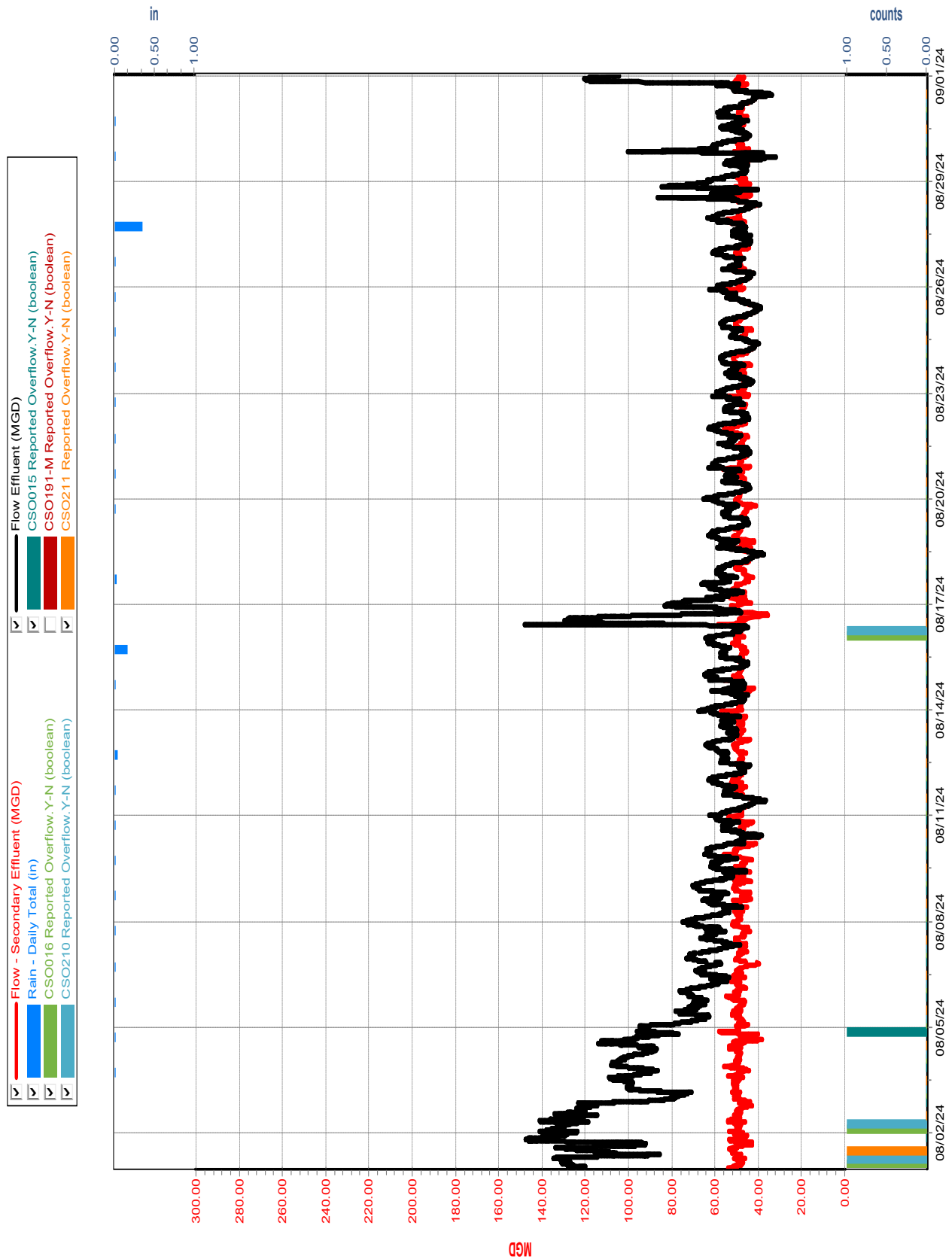
APPENDIX K

**MORRIS FORMAN PLANT FLOWS AND ASSOCIATED
CSO ACTIVATIONS**

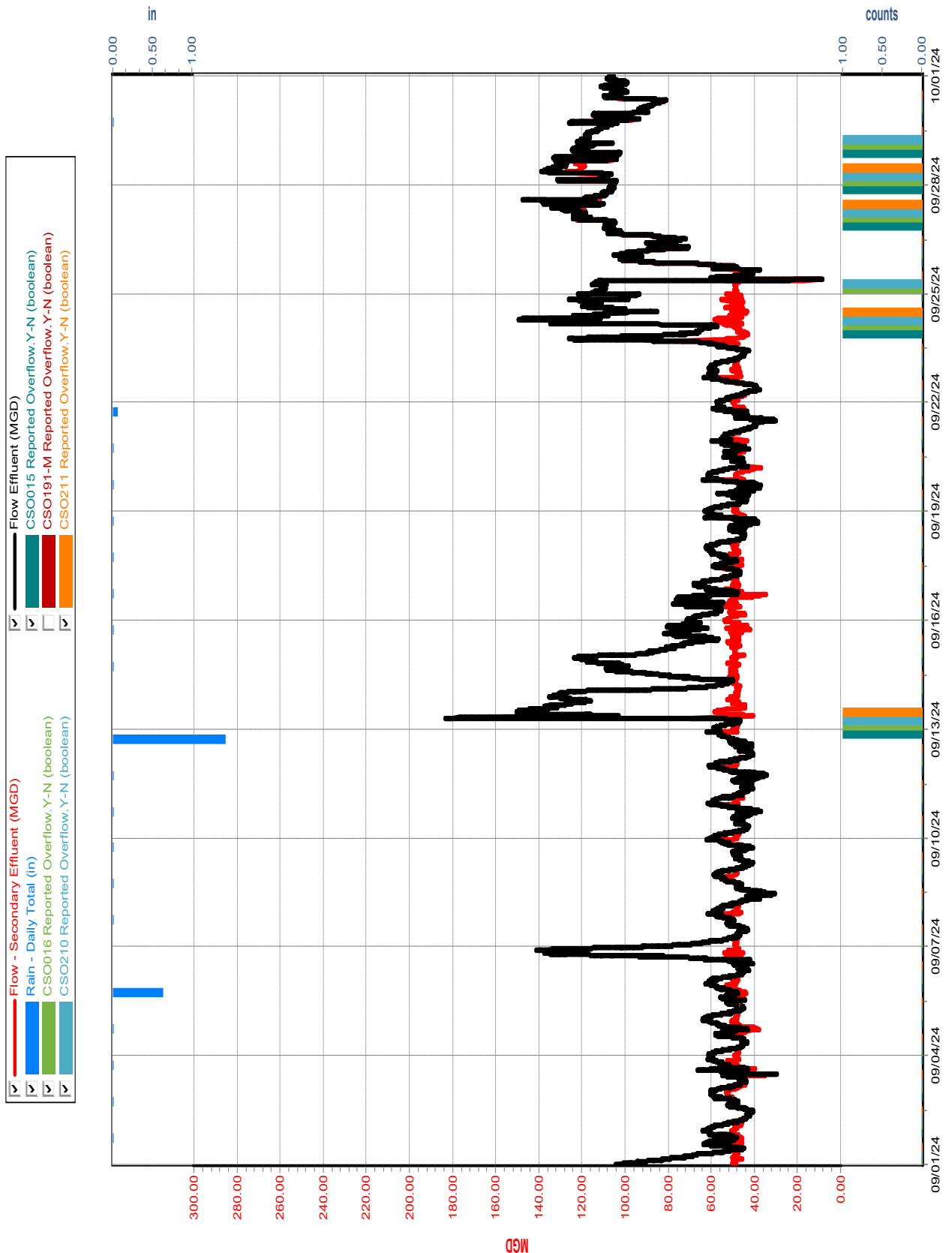
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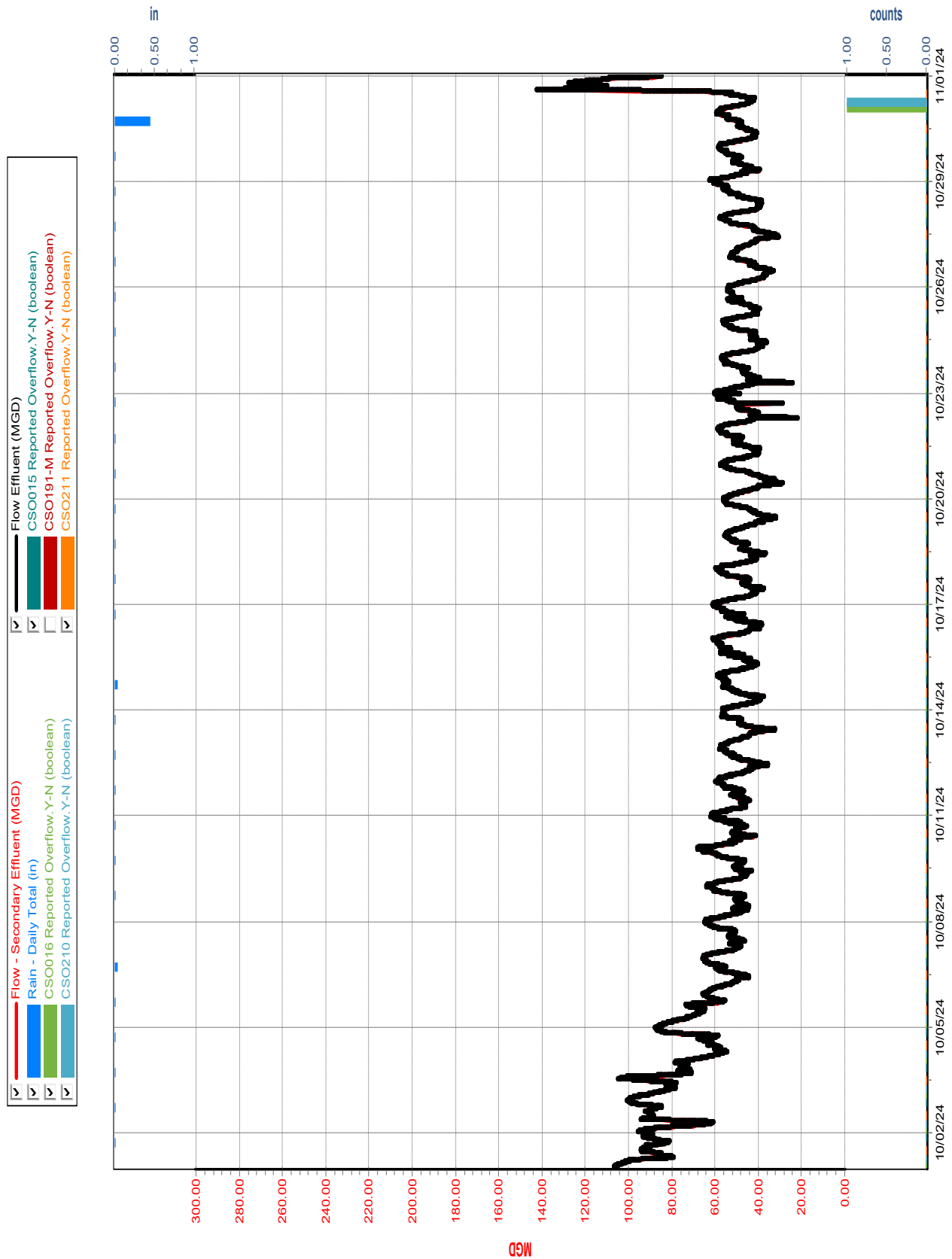
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ANNUAL REPORT FY25
JULY 1, 2024 - JUNE 30, 2025



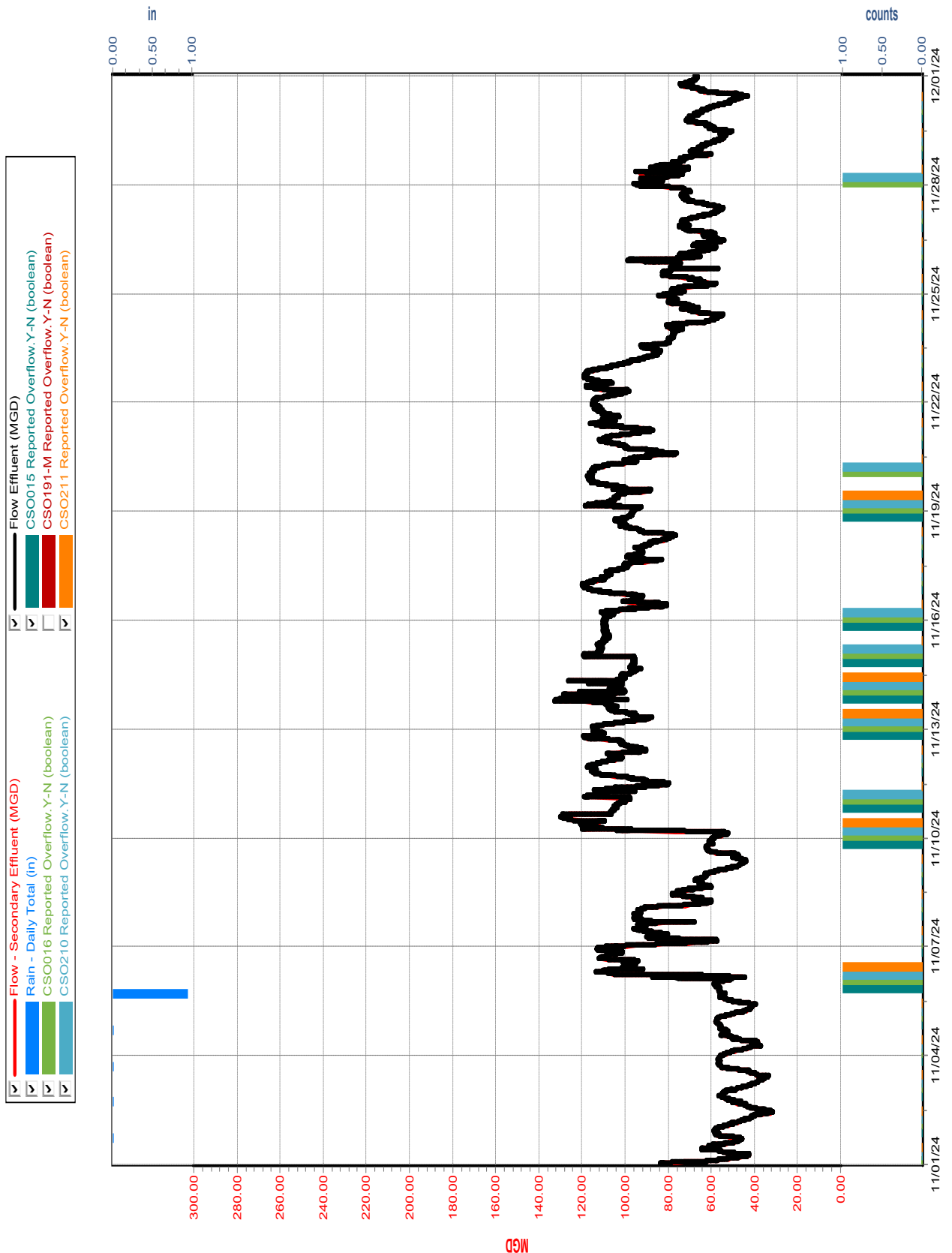


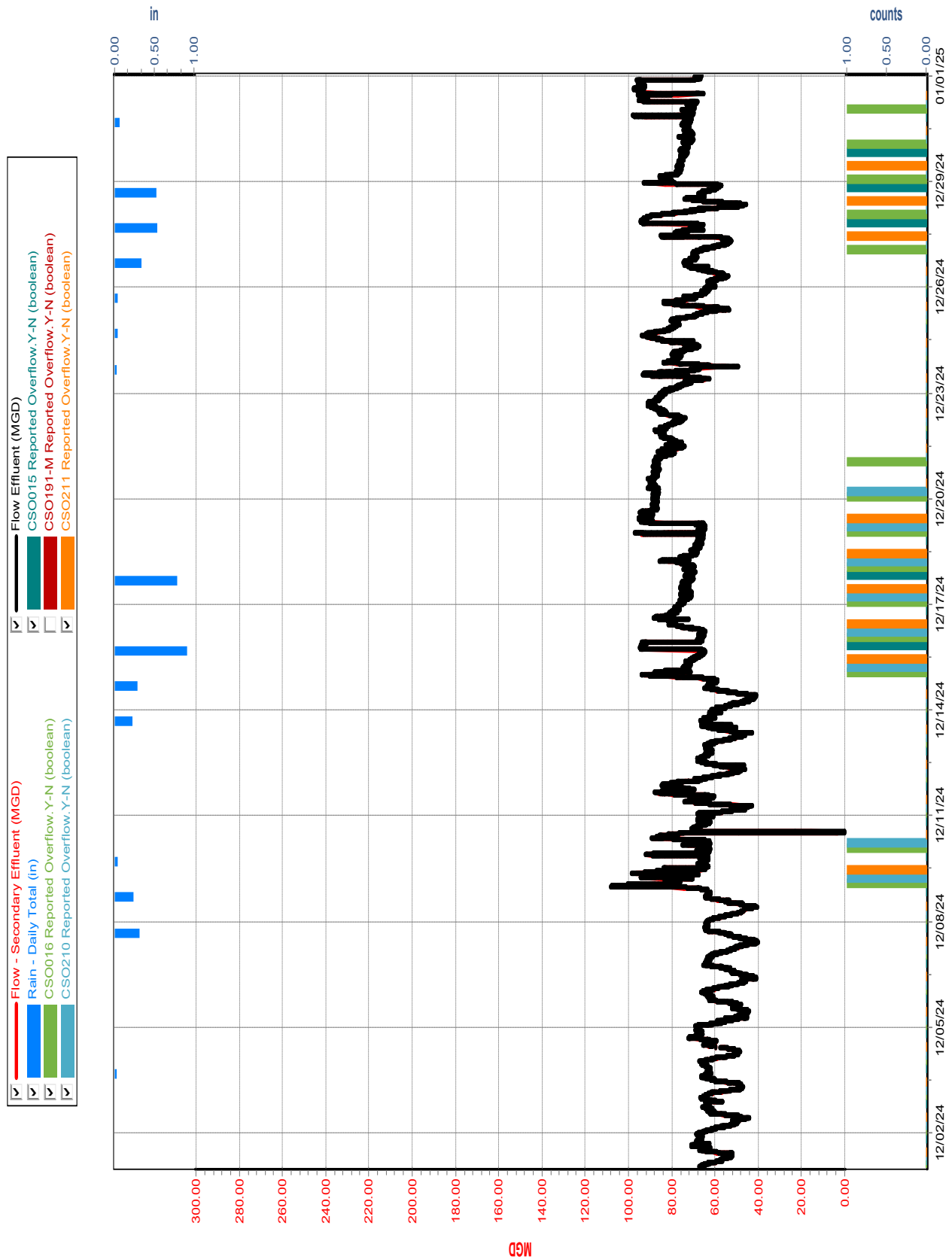
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JULY 1, 2024 - JUNE 30, 2025



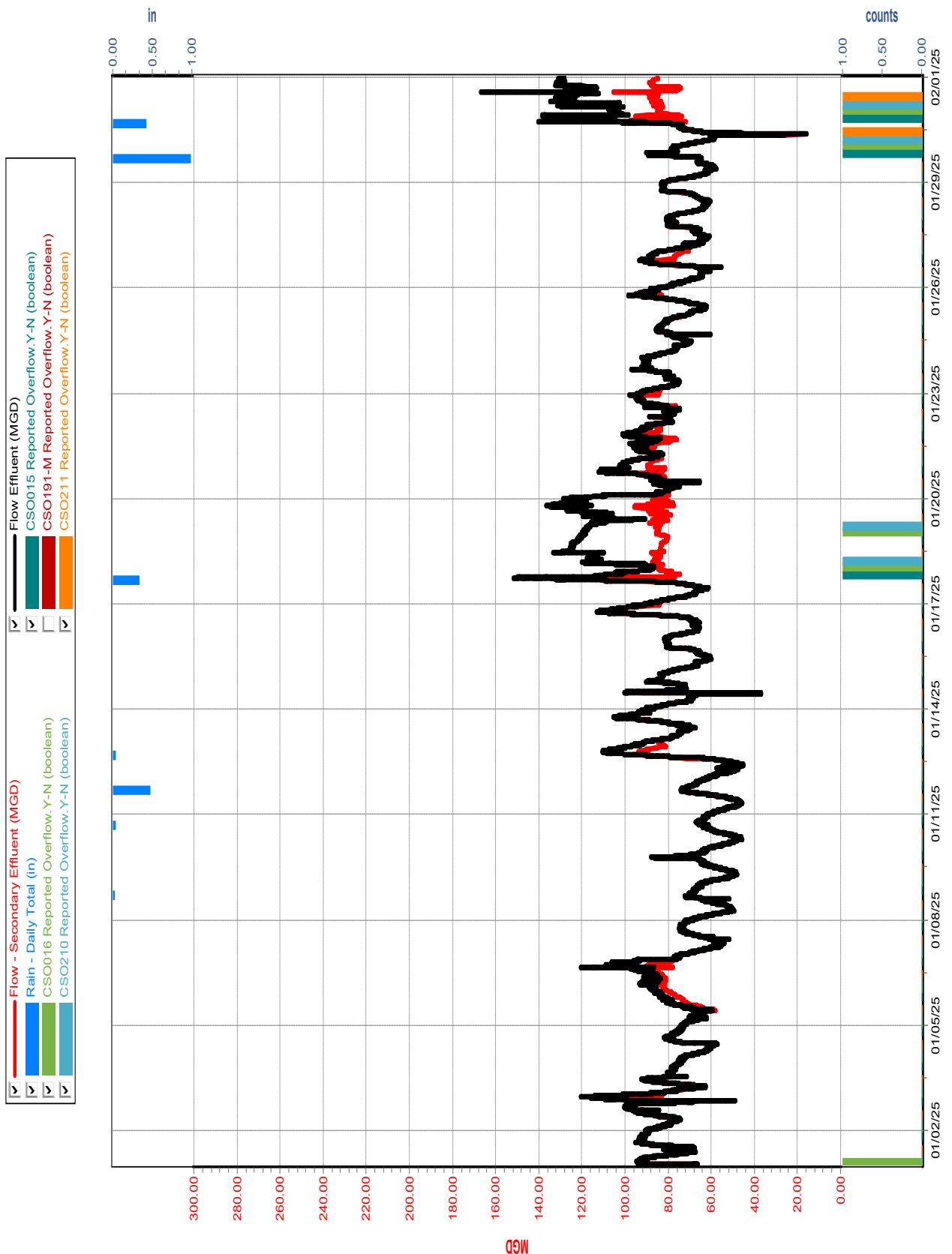


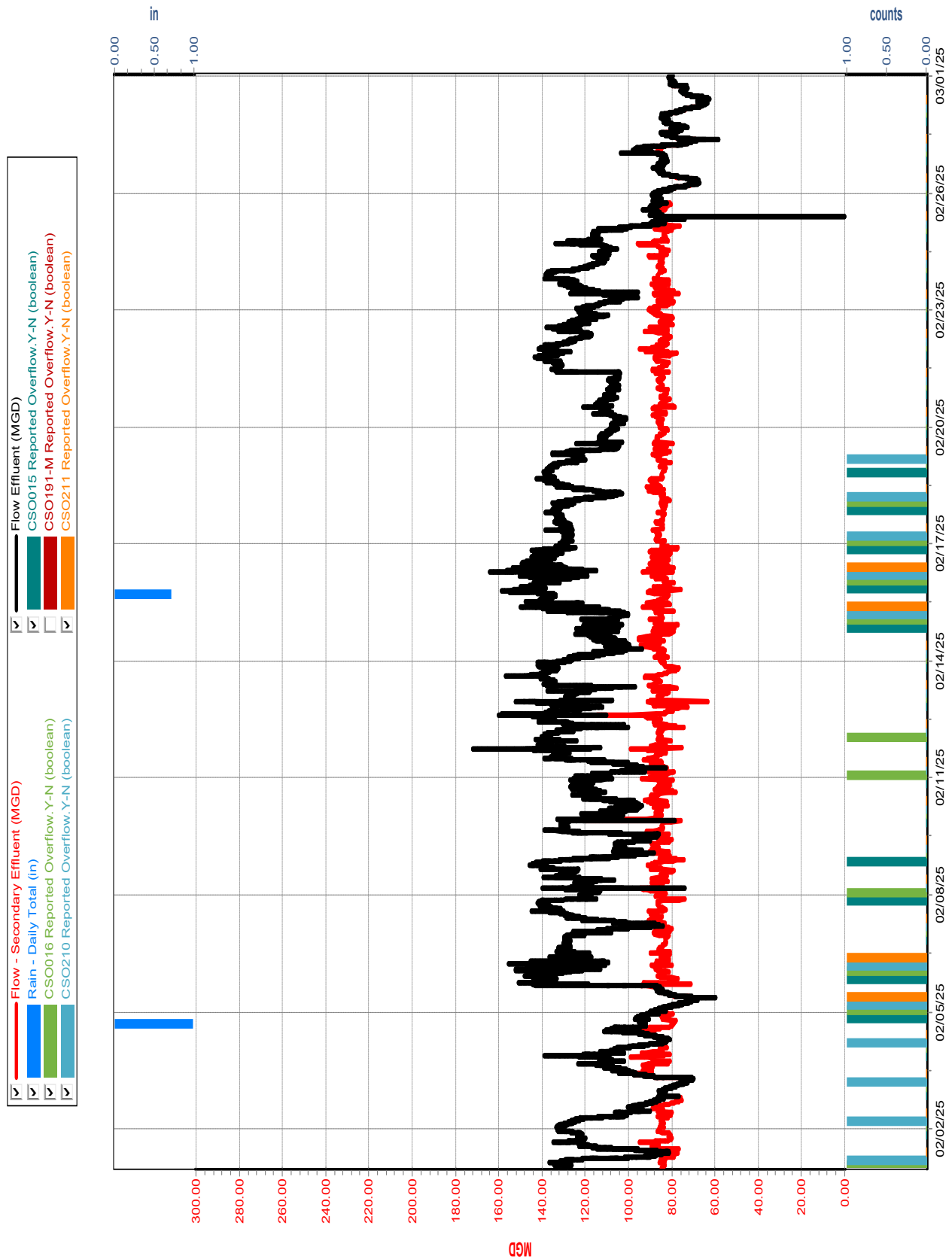
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ANNUAL REPORT FY25
JULY 1, 2024 - JUNE 30, 2025



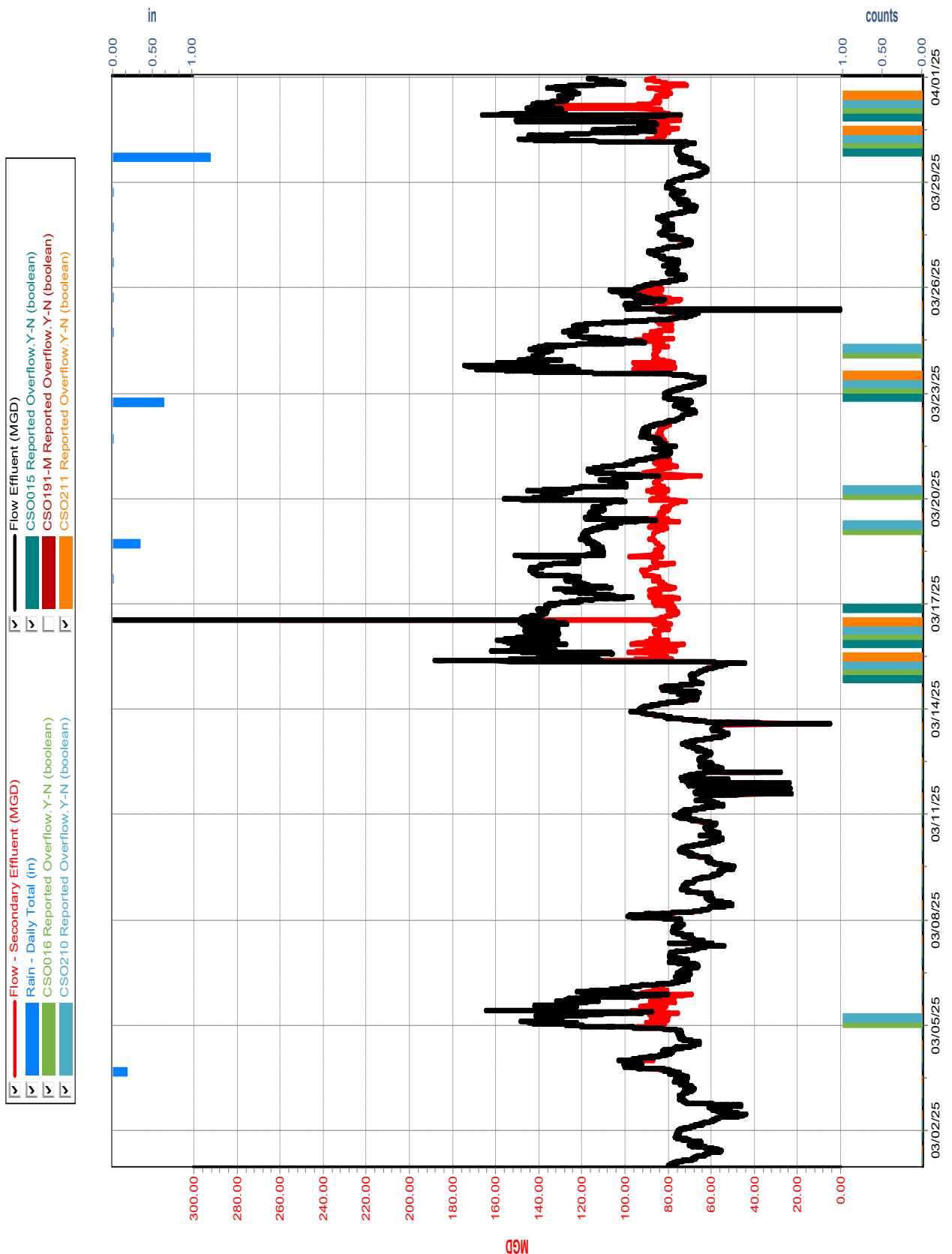


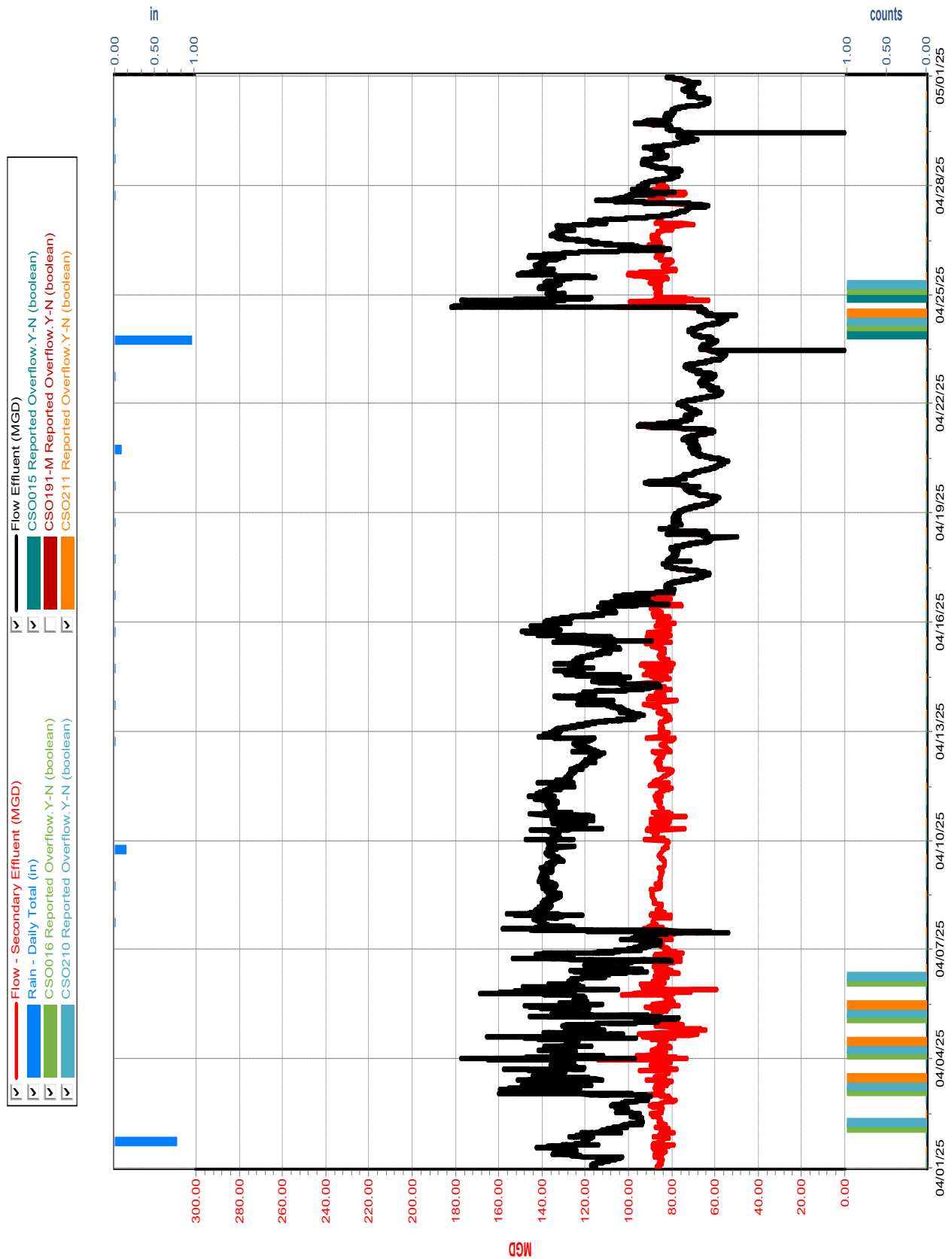
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ANNUAL REPORT FY25
JULY 1, 2024 - JUNE 30, 2025

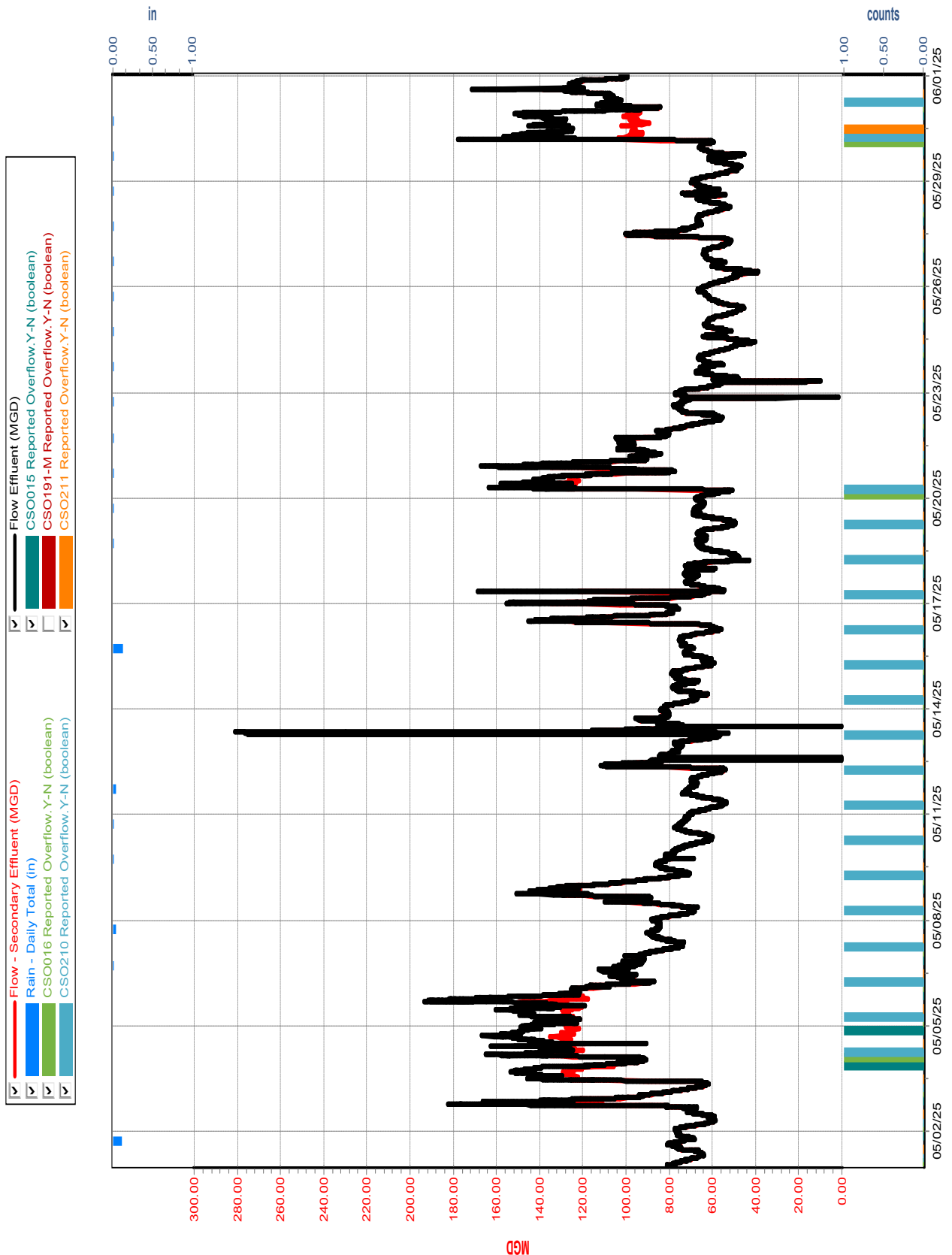


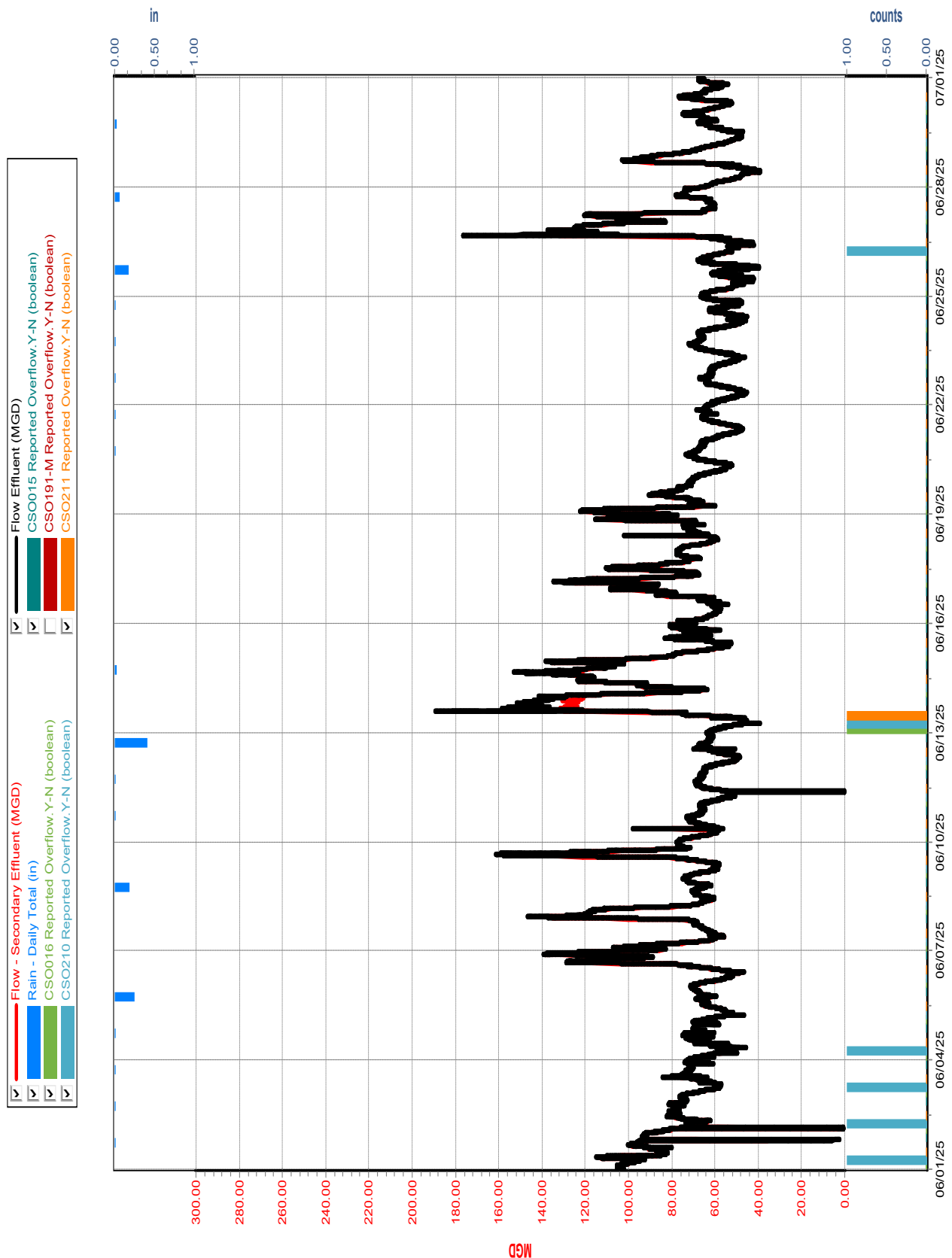


SECOND AMENDED CONSENT DECREE
ANNUAL REPORT FY25
JULY 1, 2024 - JUNE 30, 2025









APPENDIX L

ORGANIZATIONAL CHART

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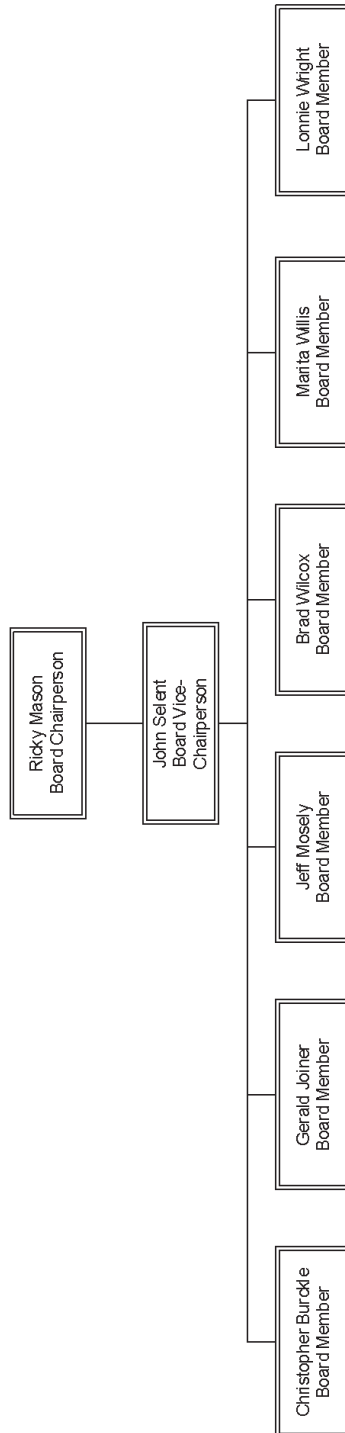
Louisville and Jefferson County
Metropolitan Sewer District

Organizational Chart
Effective 07/01/2025

Organizational Summary

	<u>Total Positions</u>	<u>Current Actual</u>	<u>Vacant (Budgeted)</u>	<u>New/Unbudgeted (Vacant)</u>	<u>Exempt</u>	<u>Non- Exempt</u>	<u>Union</u>	<u>Net Overbudget</u>
Executive Offices Division								
Executive Offices	9	9	0	0	8	1	0	0
Government & Public Affairs	6	6	0	0	3	3	0	0
Records and Information Governance	10	8	2	0	4	6	0	0
Equity and Community Partnerships	8	8	0	0	7	1	0	0
Facilities, Safety and Security Division								
Facilities	48	38	10	0	18	30	0	0
Supply Chain and Economic Inclusion Division								
Supply Chain	27	25	2	0	13	14	0	0
Legal Division								
Legal	11	10	1	0	11	0	0	0
Human Resources Division								
Human Resources	24	23	1	0	20	4	0	0
Information Technology Division								
Information Technology	33	32	1	0	28	5	0	0
Finance Division								
Finance	25	22	3	0	11	14	0	0
Engineering Division								
Eng Admin, Reg Compliance, Records & GIS	22	19	3	0	14	8	0	0
Engineering Technical Services	55	53	2	0	33	22	0	0
Development & Stormwater Services	34	31	3	0	20	14	0	0
Wastewater Conveyance, Drainage & Flood Protection Operations Division								
Administration	8	6	2	0	7	1	0	0
Collections System and Emergency Response	49	43	6	0	9	6	34	0
Flood Protection - D&FP	26	25	1	0	5	0	21	0
Jefferson Controls	20	17	3	0	8	12	0	0
Drainage Maintenance and CSO/NMC	96	93	3	0	10	4	82	0
Linear Assets Support	44	43	1	0	7	8	29	0
Jefferson Sanitary	81	64	17	0	11	1	69	0
Customer Relations and Operations Performance	33	30	3	0	8	25	0	0
Fleet Services	23	20	3	0	5	2	16	0
Wastewater Treatment Operations Division								
Strategic Programs and Treatment Maintenance	64	57	7	0	14	5	45	0
Treatment Facilities	85	78	7	0	19	8	58	0
Laboratory Services	14	14	0	0	4	10	0	0
Support Services	27	26	1	0	7	20	0	0
DISTRICT TOTAL	882.0	800.0	82.0	0.0	304.0	224.0	354.0	0.0

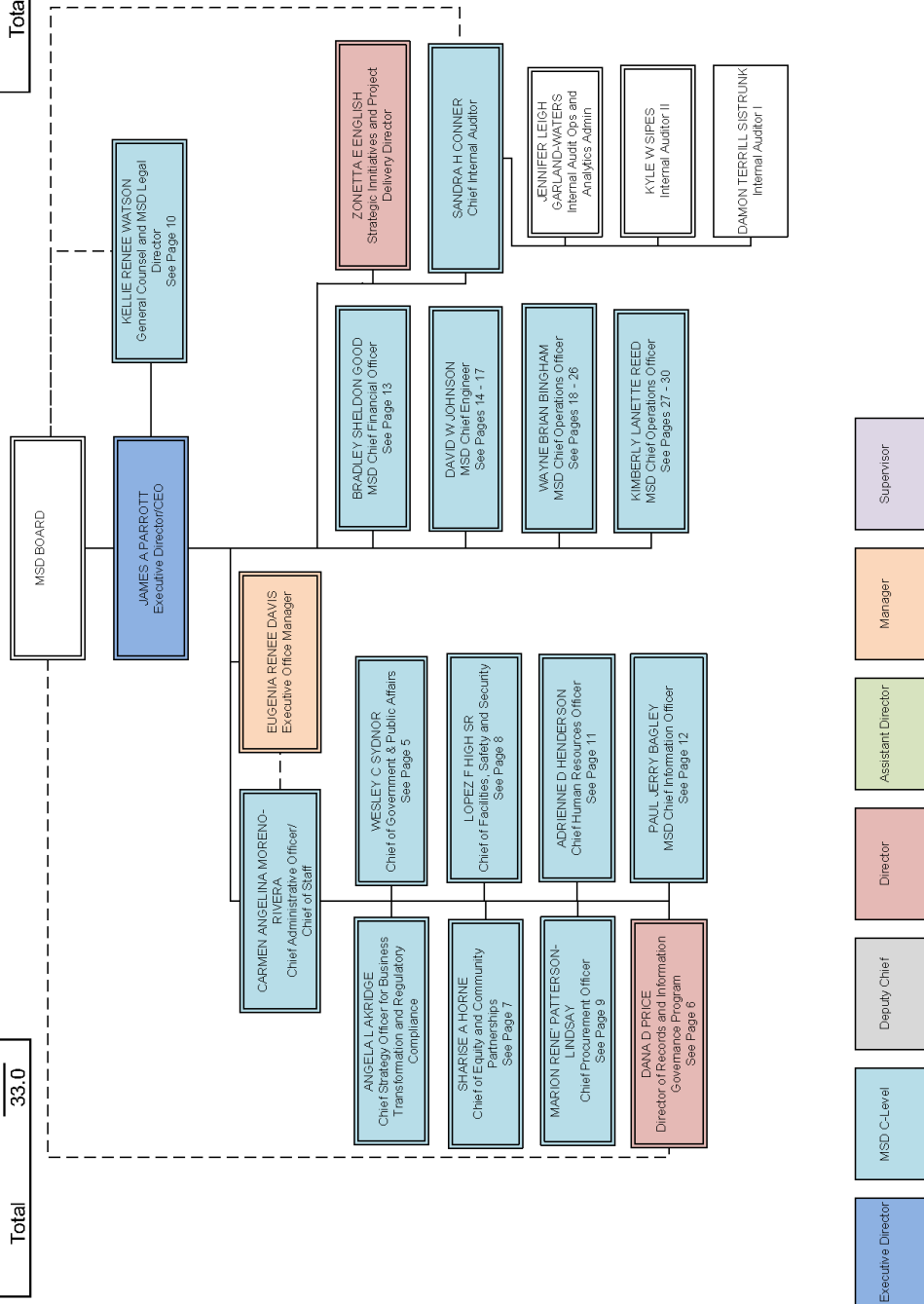
Board Members



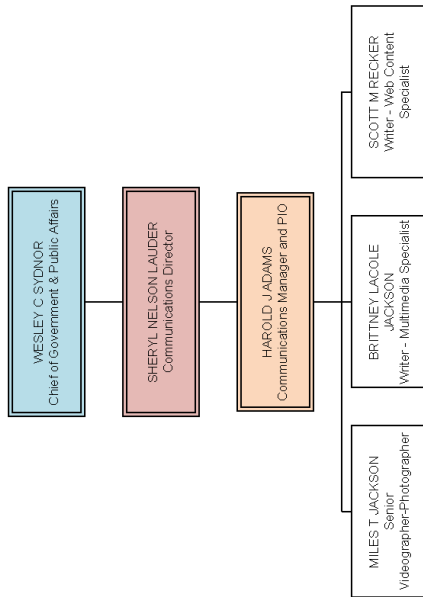
Executive Offices Division Executive Offices

DIVISION BUDGET STATUS	
Actual	31.0
Vacant	2.0
Authorized	33.0
Exempt	22.0
Non-Exempt	11.0
Unit	0.0
Total	33.0

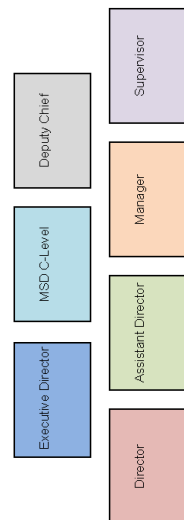
BUDGET STATUS	
Actual	9
Vacant	0
Authorized	9
Exempt	8
Non-Exempt	1
Unit	0
Total	9



Executive Offices Division Government & Public Affairs

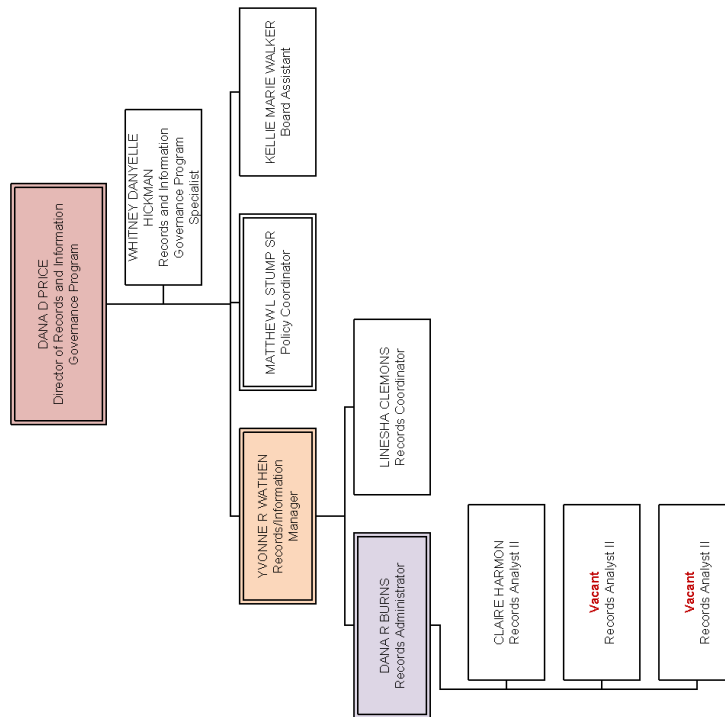


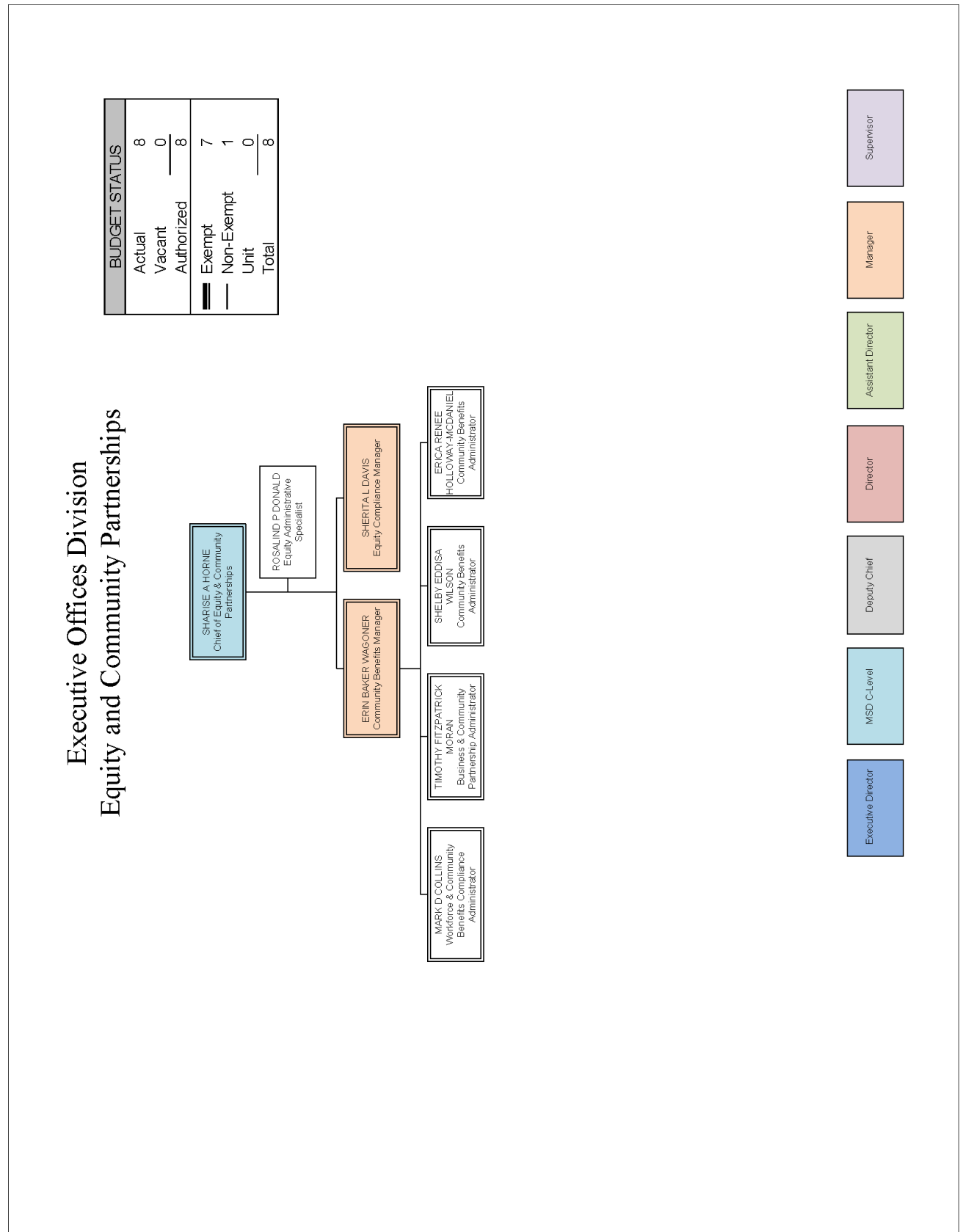
BUDGET STATUS	
Actual	6
Vacant	0
Authorized	6
Exempt	3
Non-Exempt	3
Unit	0
Total	6



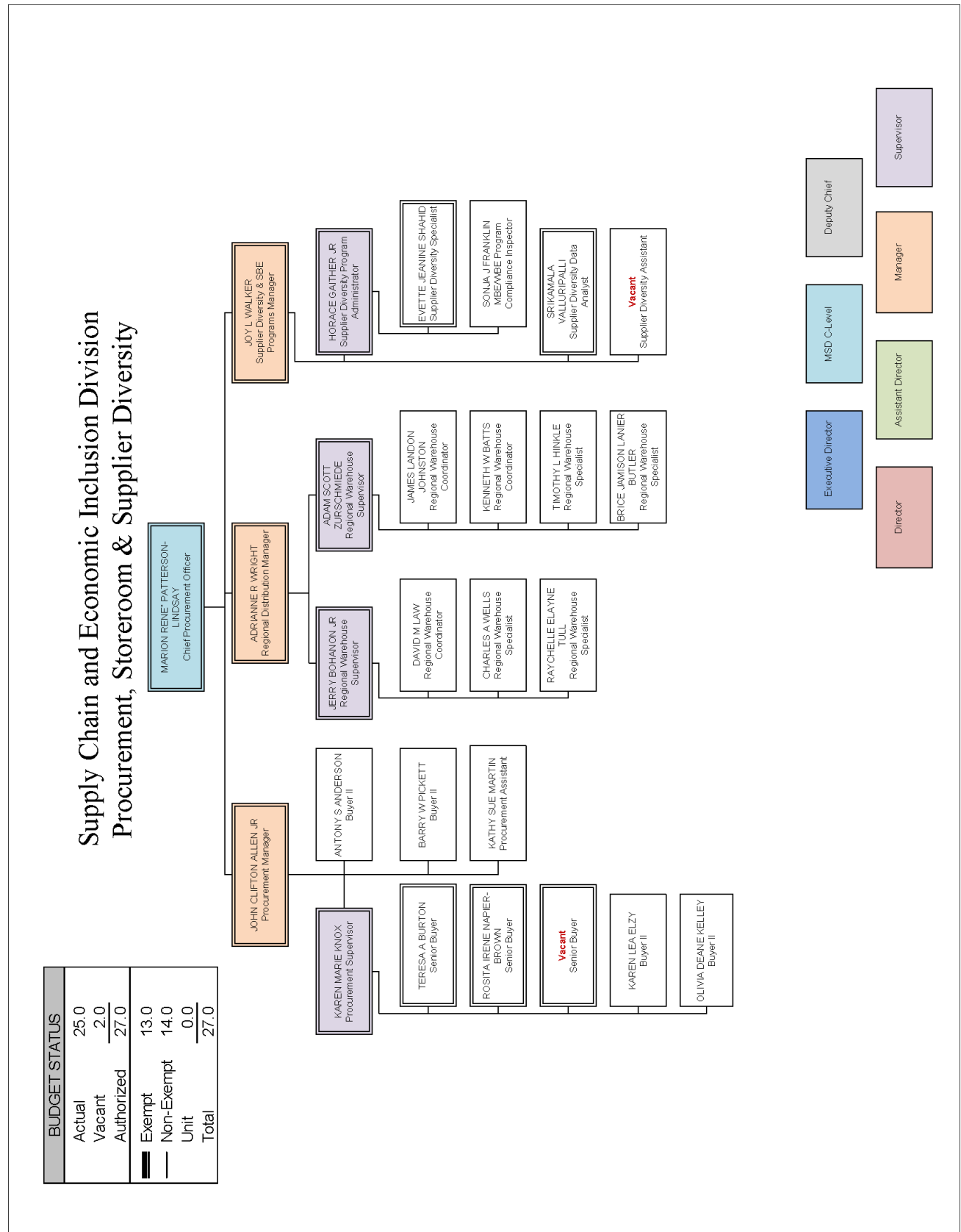
Executive Offices Division Records and Information Governance

BUDGET STATUS	
Actual	8
Vacant	2
Authorized	10
Exempt	4
Non-Exempt	6
Unit	0
Total	10



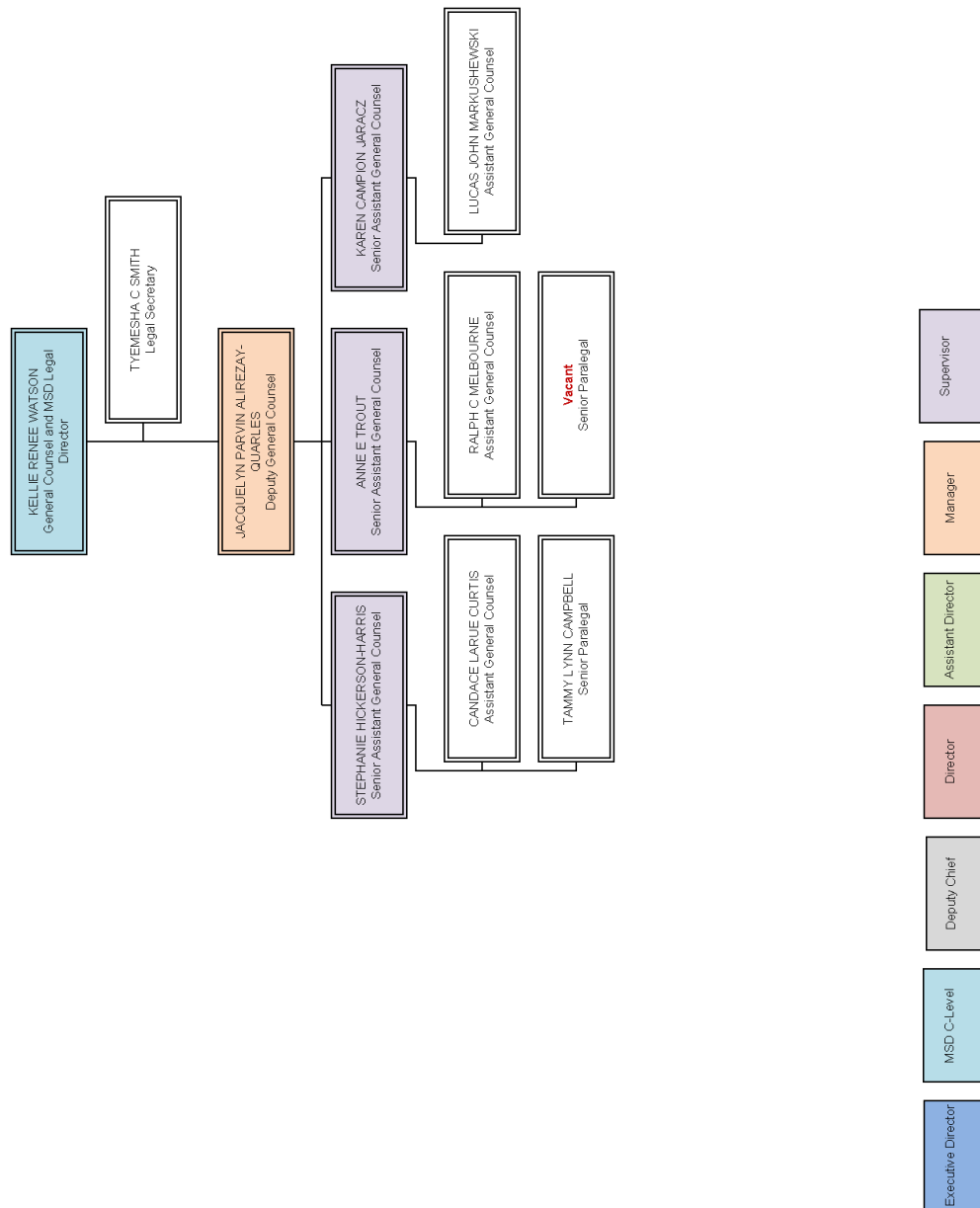


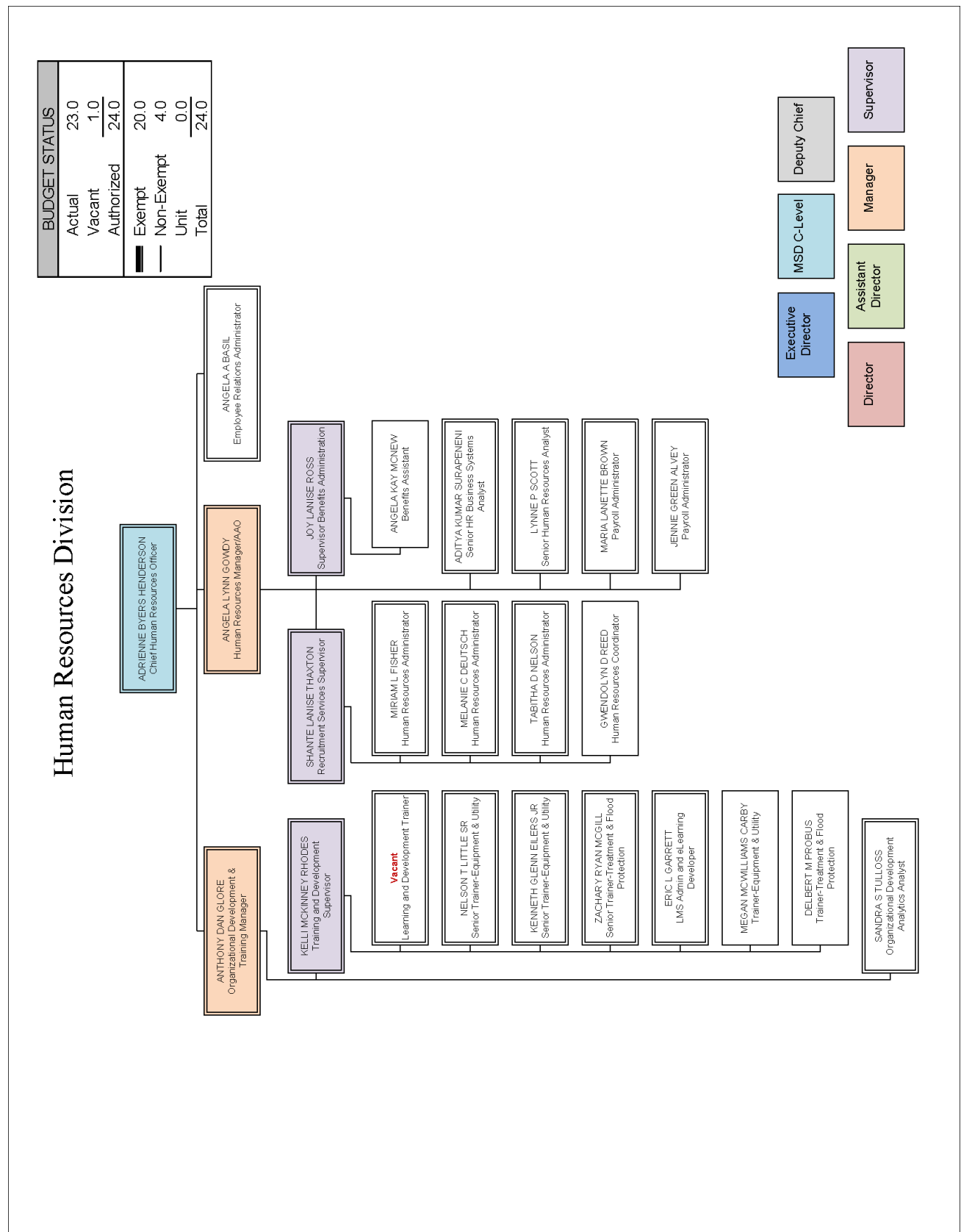




Legal Division

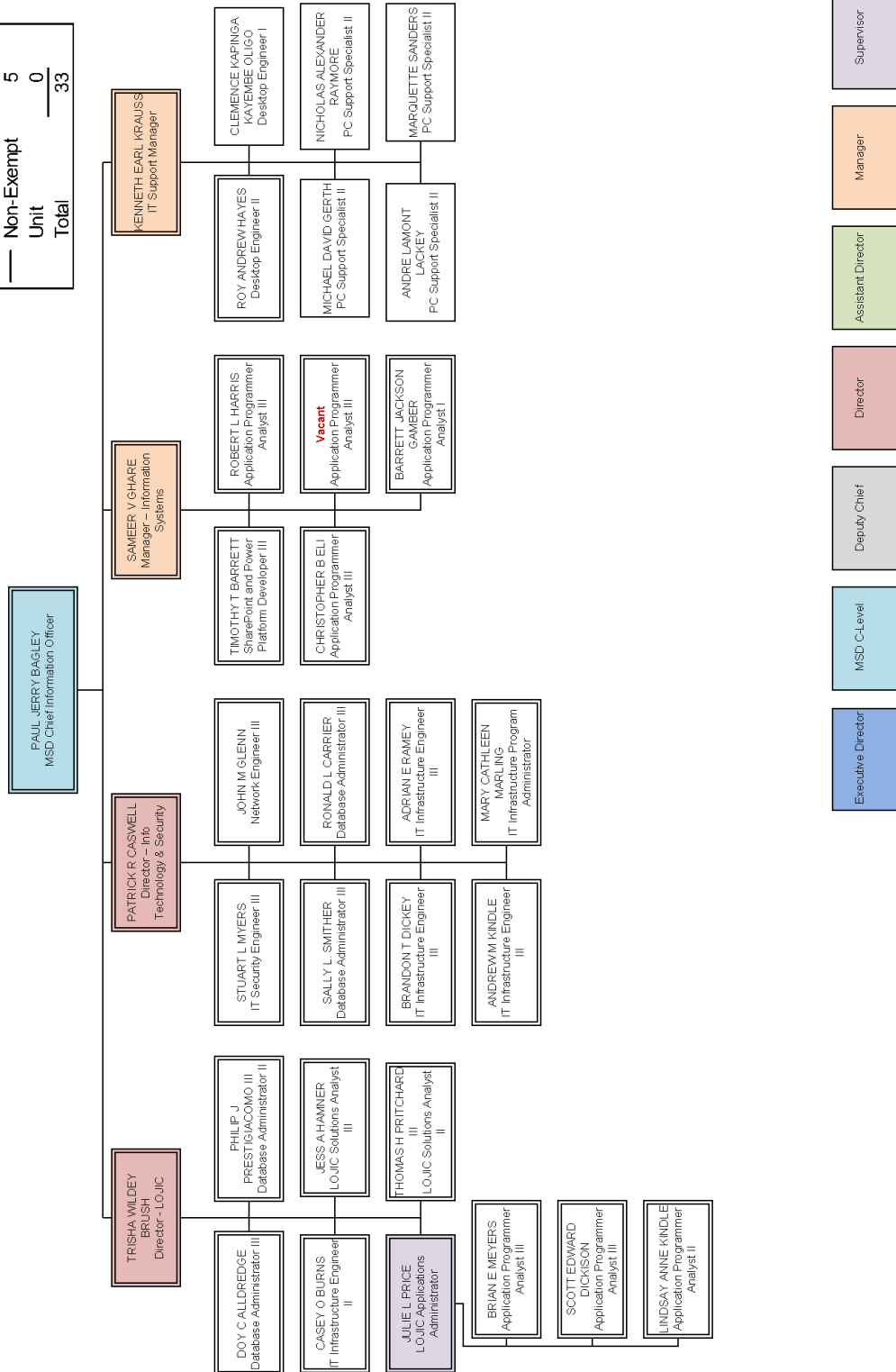
BUDGET STATUS	
Actual	10
Vacant	1
Authorized	11
Exempt	11
Non-Exempt	0
Unit	0
Total	11

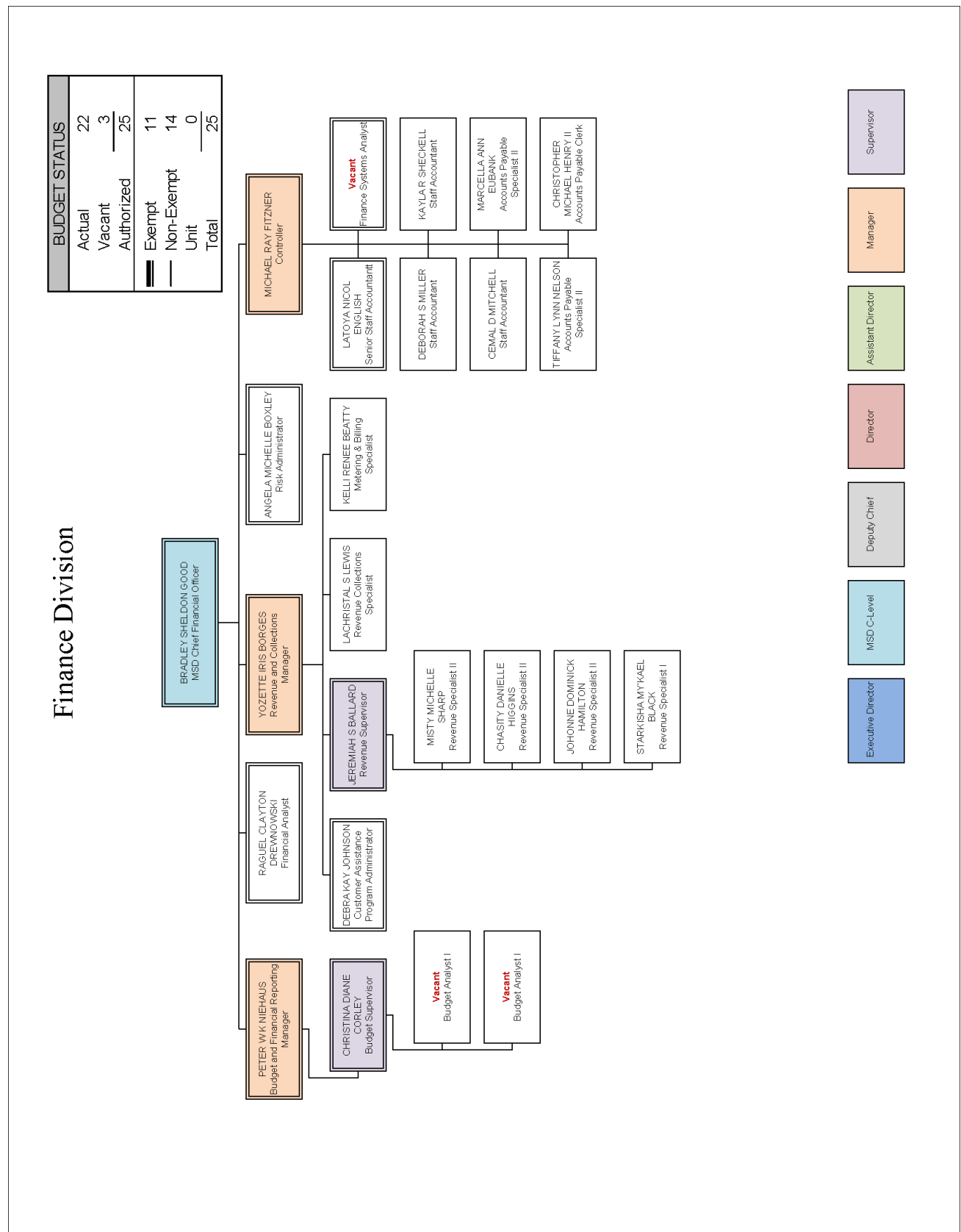




Information Technology Division

BUDGET STATUS	
Actual	32
Vacant	1
Authorized	33
Exempt	28
Non-Exempt	5
Unit	0
Total	33

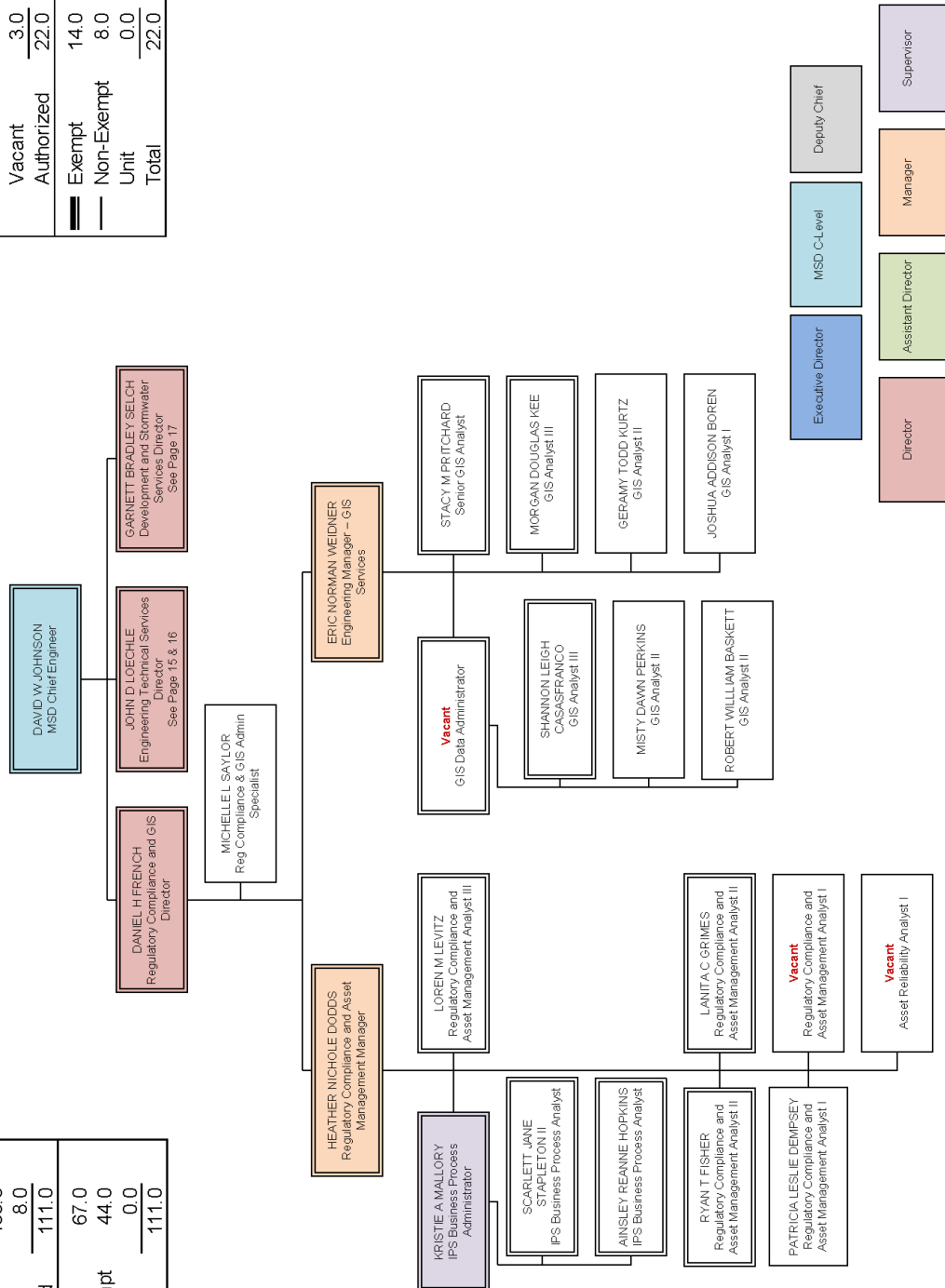


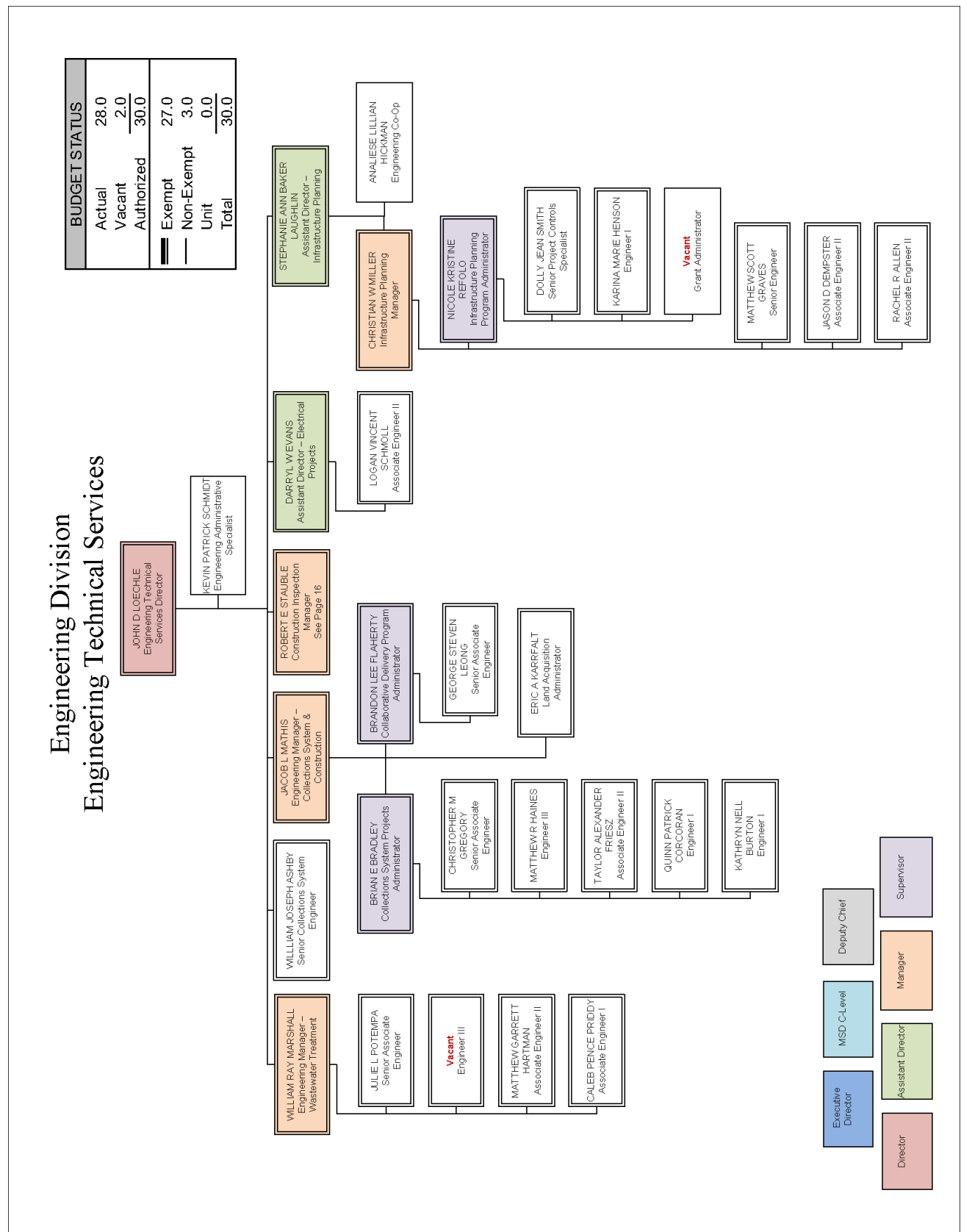


Engineering Division Engineering Admin, Regulatory Compliance, Records & GIS

DIVISION BUDGET STATUS		
Actual	103.0	
Vacant	8.0	
Authorized	111.0	
Exempt	67.0	
Non-Exempt	44.0	
Unit	0.0	
Total	111.0	

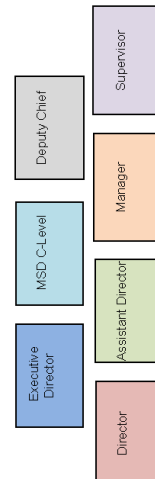
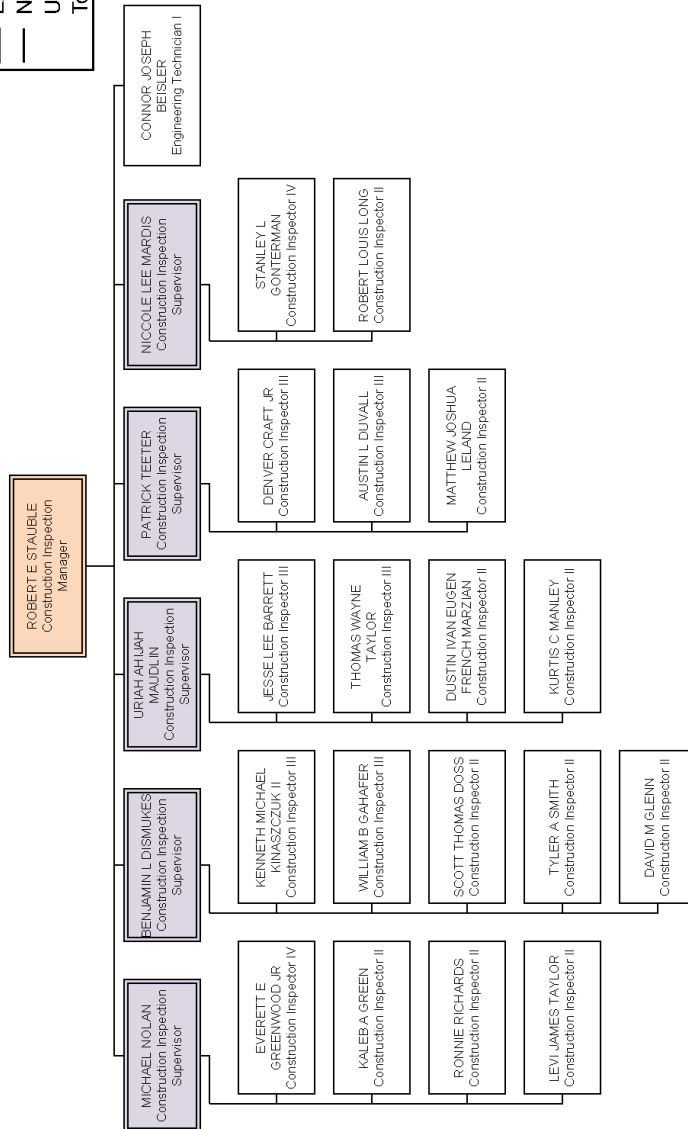
BUDGET STATUS		
Actual	19.0	
Vacant	3.0	
Authorized	22.0	
Exempt	14.0	
Non-Exempt	8.0	
Unit	0.0	
Total	22.0	

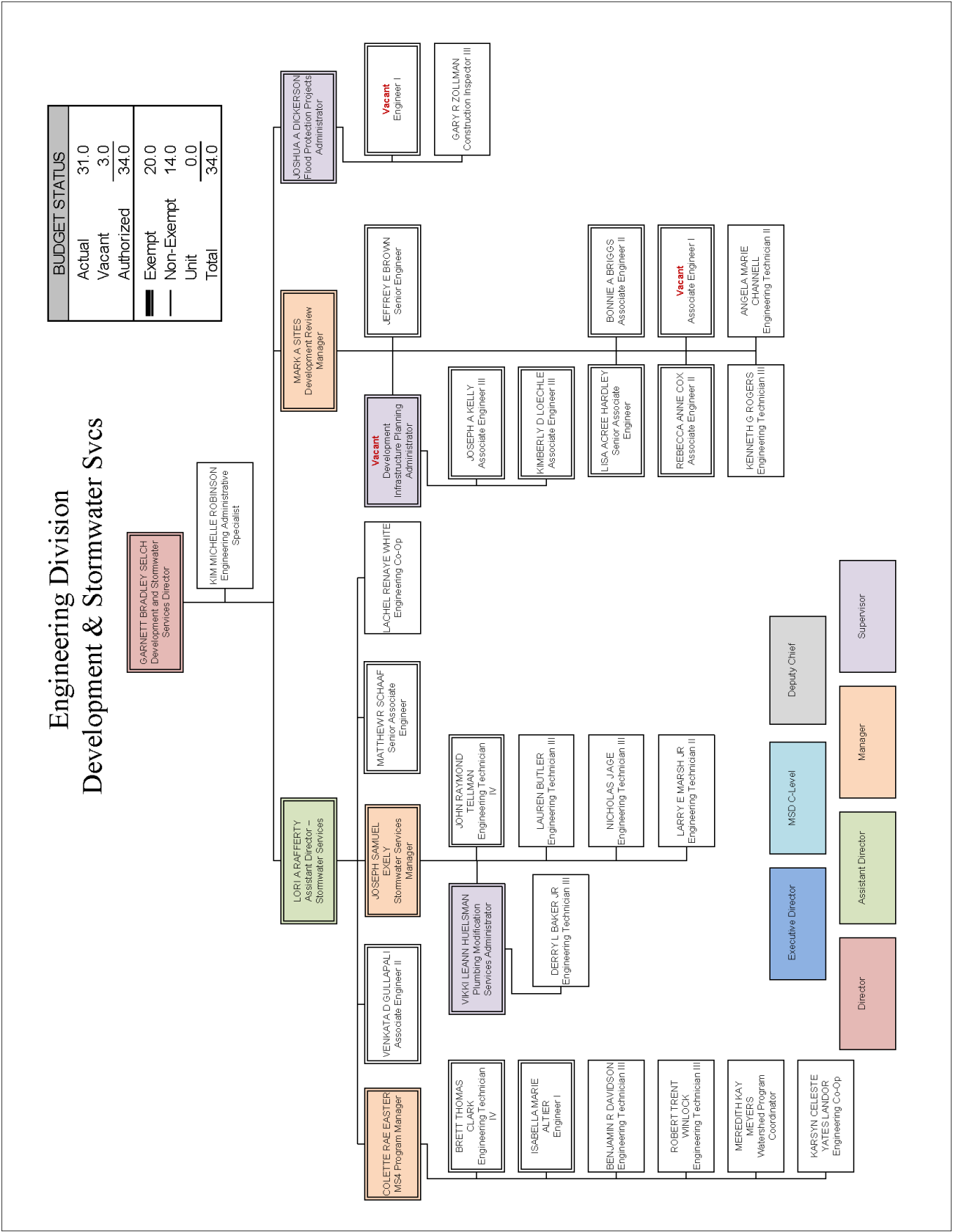




**Engineering Division
Engineering Tech Svcs – Construction Inspection**

BUDGET STATUS	
Actual	25.0
Vacant	0.0
Authorized	25.0
Exempt	6.0
Non-Exempt	19.0
Unit	0.0
Total	25.0

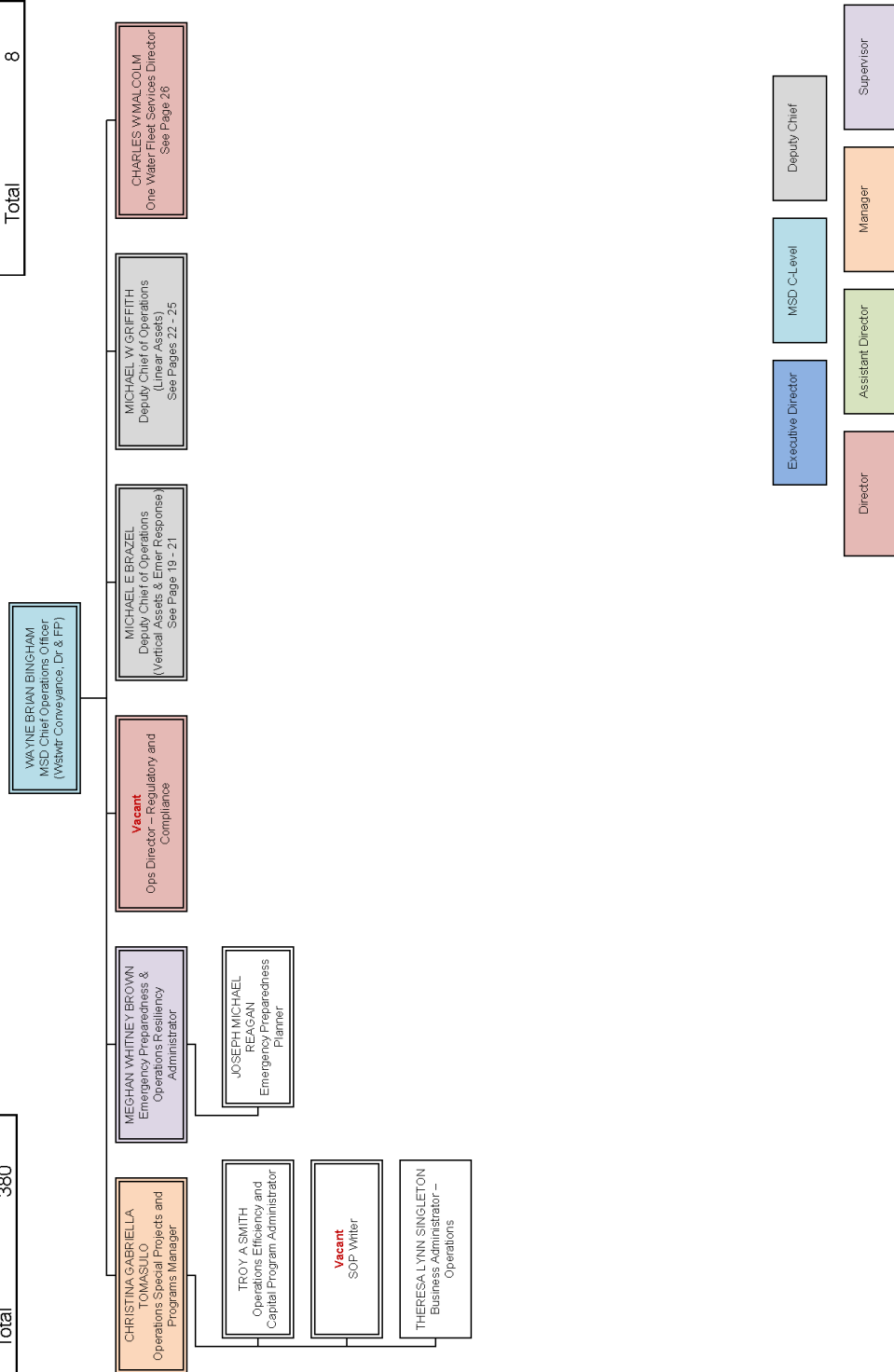




Wastewater Conveyance, Drainage & FP Ops Division Administration

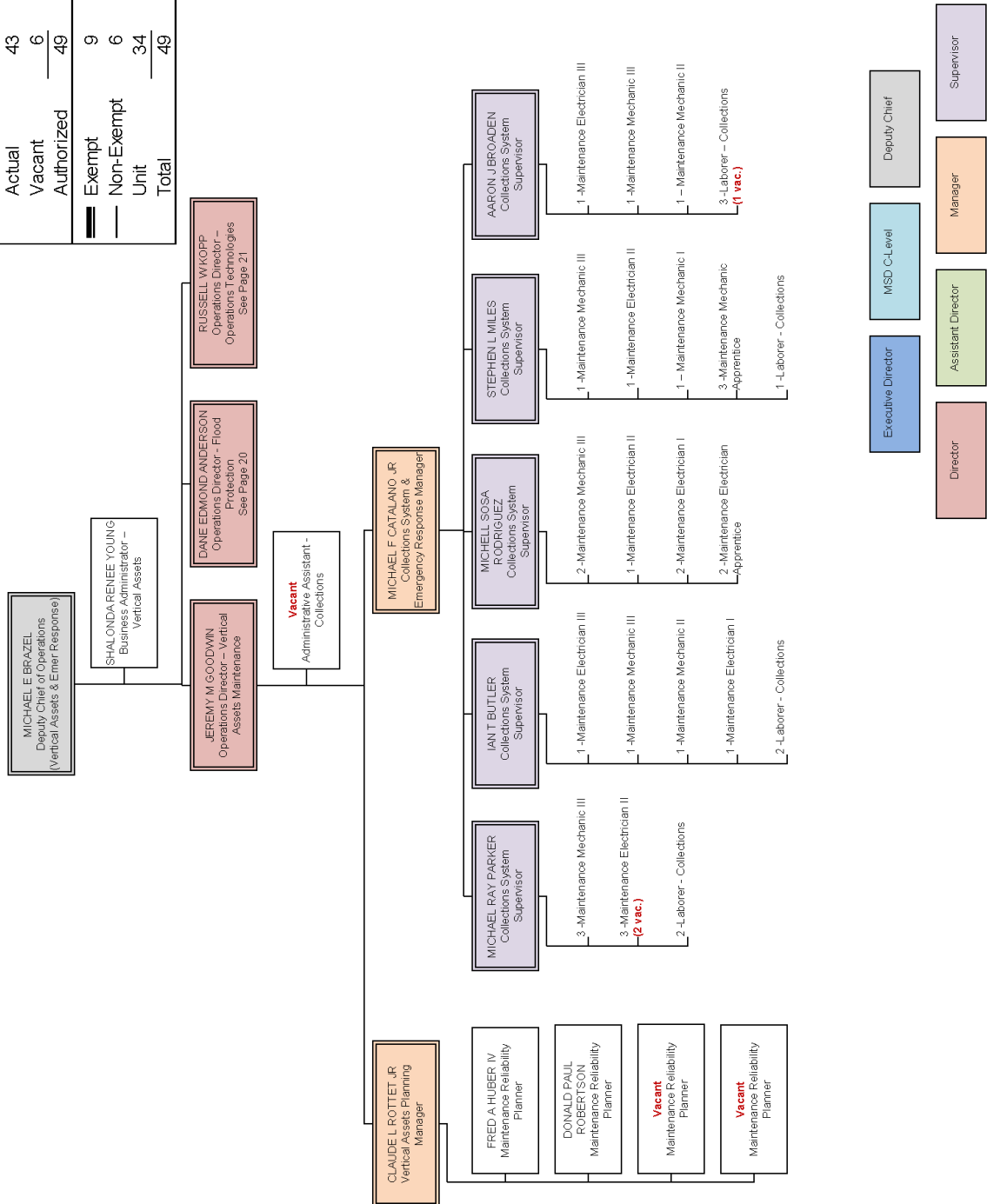
DIVISION BUDGET STATUS	
Actual	341
Vacant	39
Authorized	380
Exempt	70
Non-Exempt	59
Unit	251
Total	380

BUDGET STATUS	
Actual	6
Vacant	2
Authorized	8
Exempt	7
Non-Exempt	1
Unit	0
Total	8



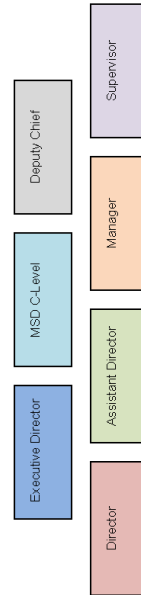
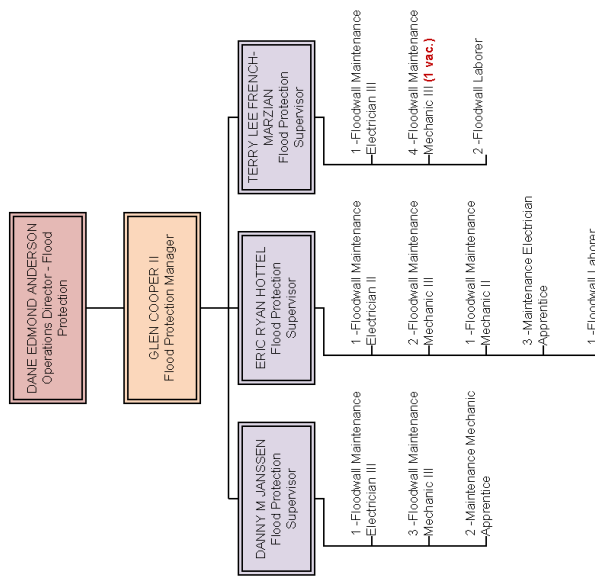
WC, Dr & FP Ops Division (Vertical Assets & Emer Response) Collections System & Emergency Response

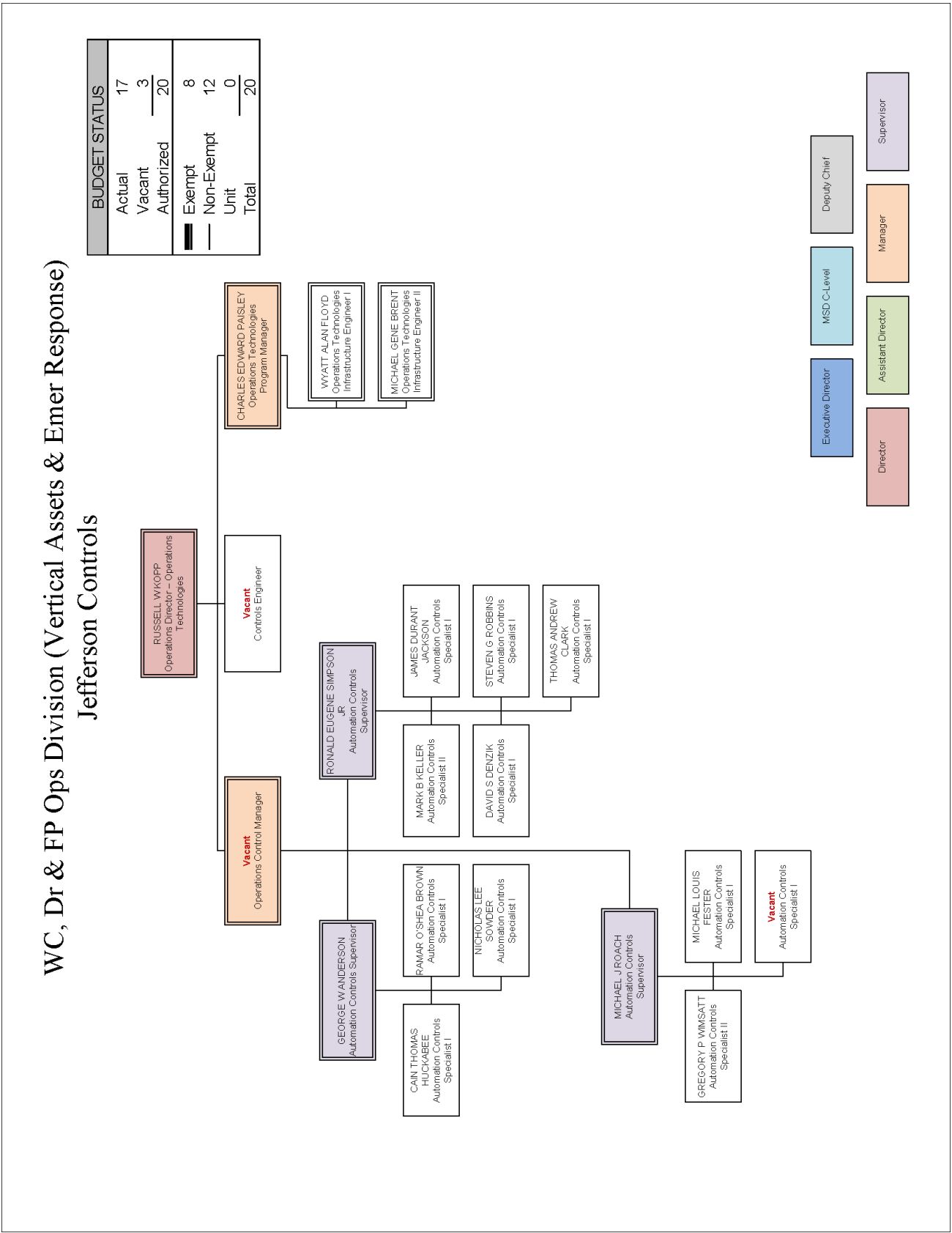
BUDGET STATUS	
Actual	43
Vacant	6
Authorized	49
Exempt	9
Non-Exempt	6
Unit	34
Total	49



WC, Dr & FP Ops Division (Vertical Assets & Emer Response)
Flood Protection – D&FP

BUDGET STATUS	
Actual	25
Vacant	1
Authorized	26
Exempt	5
Non-Exempt	0
Unit	21
Total	26





WC, Dr & FP Ops Division (Linear Assets) Drainage Maintenance and CSO/NMC

BUDGET STATUS	
Actual	93
Vacant	3
Authorized	96
Exempt	10
Non-Exempt	4
Unit	82
Total	96

YVONNE DENISE AUSTIN
Director – Performance and
Customer Experience
See Page 25

GERALD R DUNLAP
Operations Director – Sanitary
Sewers
See Page 24

WILLIAM RONTA CUNNINGHAM
Operations Director – Linear
Assets Support
See Page 23

CLYDE A MORRISON
Operations Director – Stormwater
Services

MICHAEL W GRIFFITH
Deputy Chief of Operations
(Linear Assets)

LESLIE MARIE BROWN
Administrative Assistant –
WWDR

MORRIS L TOLBERT
Drainage Manager

RICKIE D BLEDSOE
Drainage Manager

KELVIN LEWIS WILSON
JR
Drainage Supervisor

ANTHONY M LINTON
CSO/NMC Supervisor

VAL L WINBURN
Drainage Supervisor

SIMON J CHILDRESS
Drainage Supervisor

ERIC T TOLLER
Drainage Supervisor

ERIC D CRESS
Drainage Supervisor

3 -Utility Leader
5 -Utility Worker III
6 -Utility Worker II (3 vac.)
1 -Utility Worker I
1 -Utility Trainee

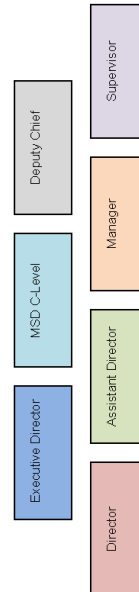
5 -Utility Leader
5 -Utility Worker III
3 -Utility Worker II

5 -Utility Leader
5 -Utility Worker III
4 -Utility Worker II
1 -Utility Worker I

JAMES ALLEN
RUTLEDGE
Drainage Inspector
4 -Utility Leader
5 -Utility Worker III
3 -Utility Worker II
1 -Utility Trainee

PHILLIP D BRADLEY
Drainage Inspector
4 -Utility Leader
4 -Utility Worker III
1 -Utility Worker II
4 -Utility Trainee

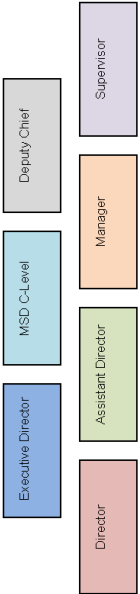
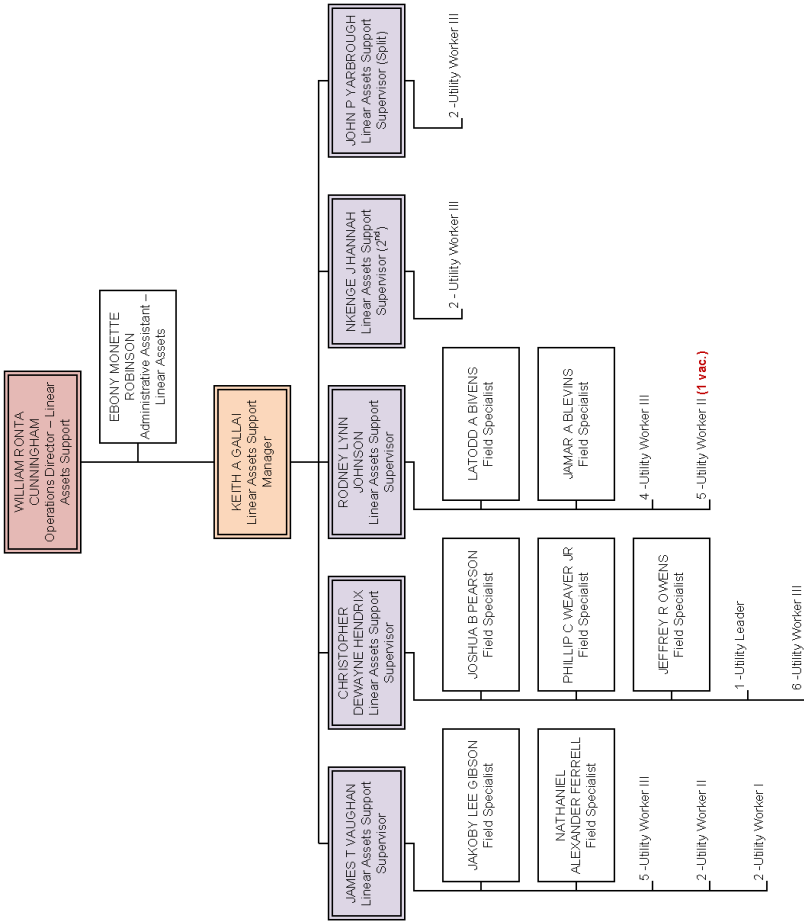
ADAM W BADER
Drainage Inspector
4 -Utility Leader
4 -Utility Worker III
2 -Utility Worker II
2 -Utility Worker I





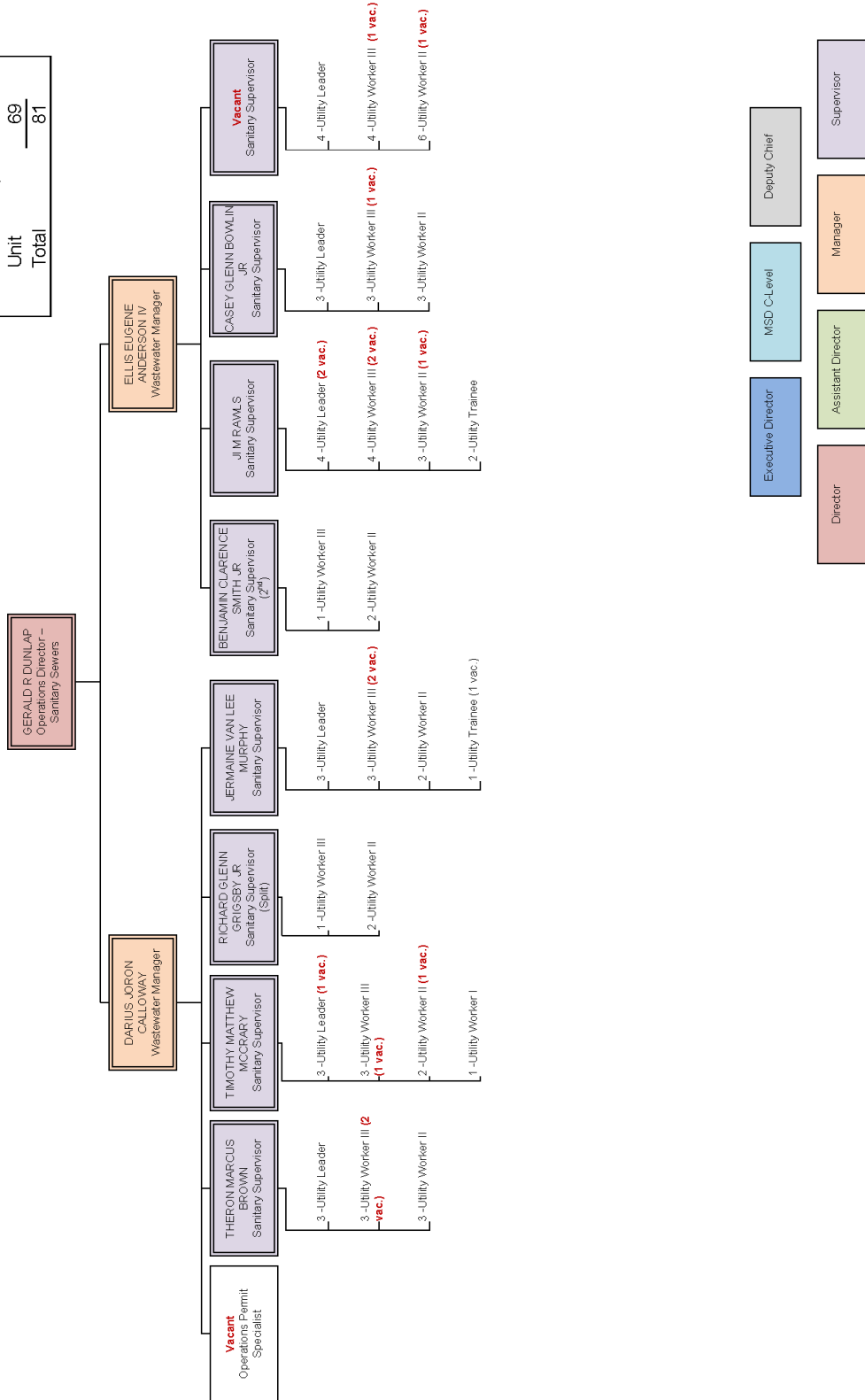
WC, Dr & FP Ops Division (Linear Assets)
Linear Assets Support

BUDGET STATUS	
Actual	43
Vacant	1
Authorized	44
Exempt	7
Non-Exempt	8
Unit	29
Total	44

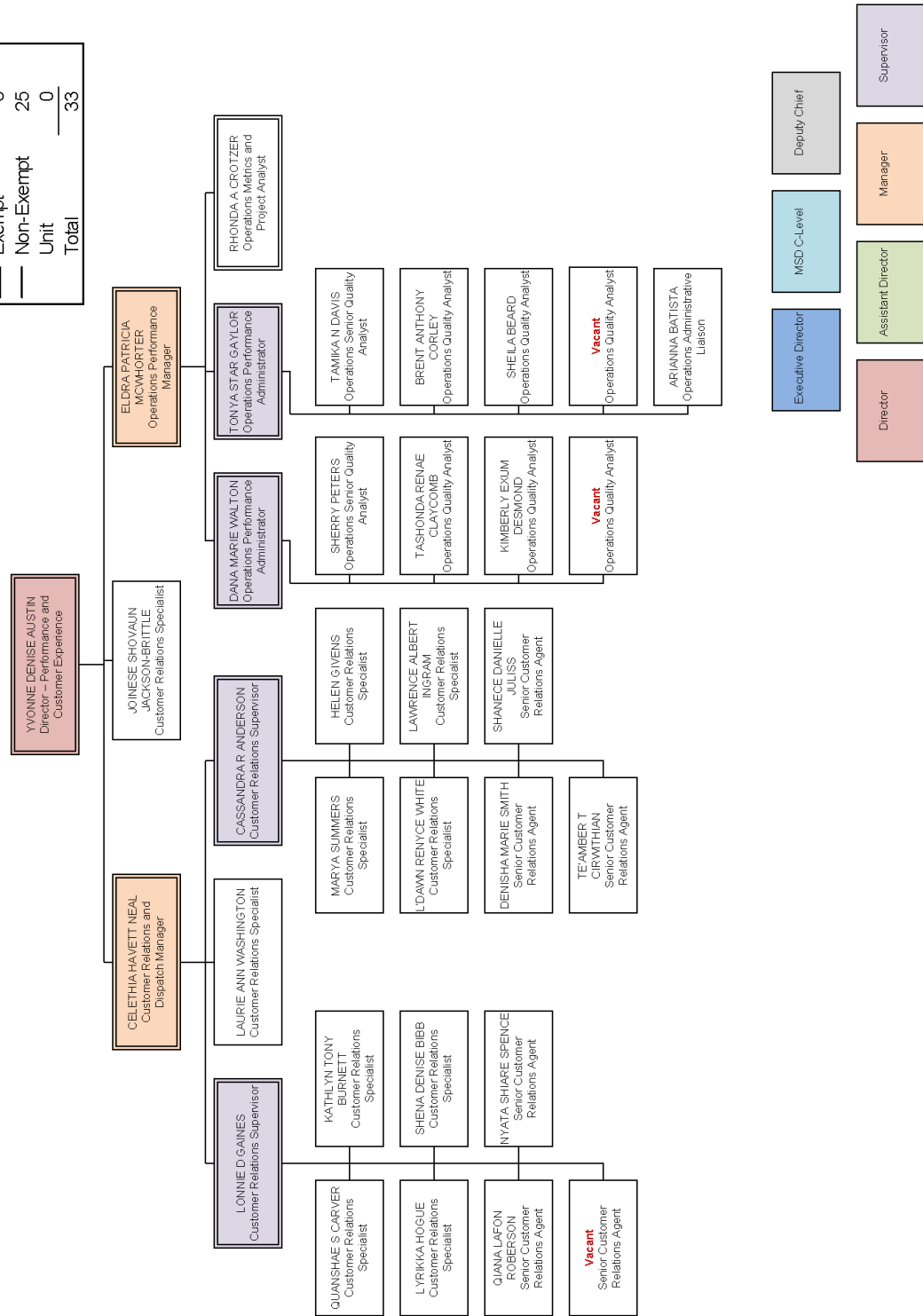


WC, Dr & FP Ops Division (Linear Assets) Jefferson Sanitary

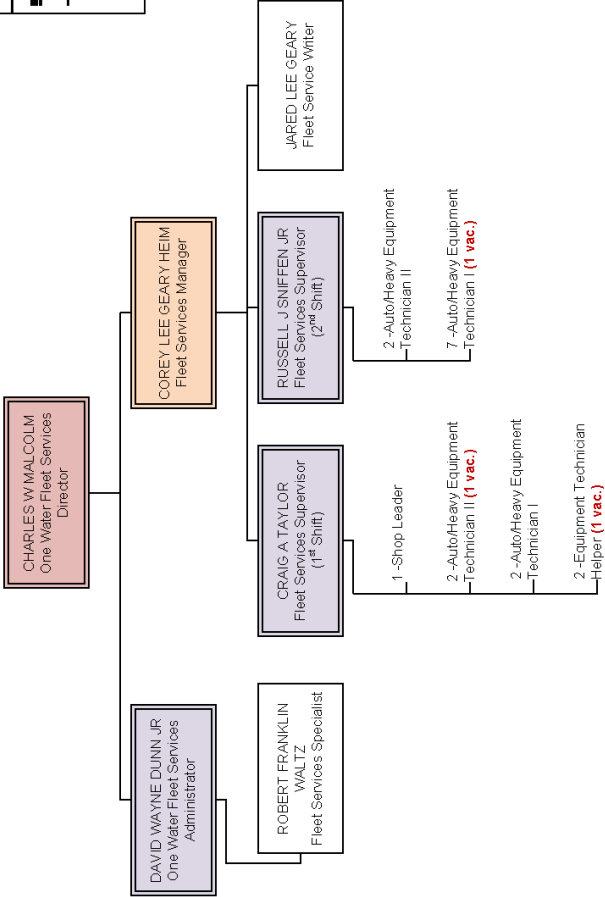
BUDGET STATUS	
Actual	64
Vacant	17
Authorized	81
Exempt	11
Non-Exempt	1
Unit	69
Total	81



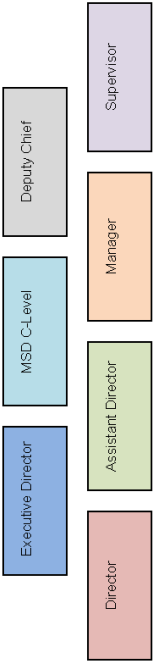
BUDGET STATUS	
Actual	30
Vacant	3
Authorized	<u>33</u>
Exempt	8
Non-Exempt	25
Unit	0
Total	<u>33</u>



WC, Dr & FP Ops Division
Fleet Services



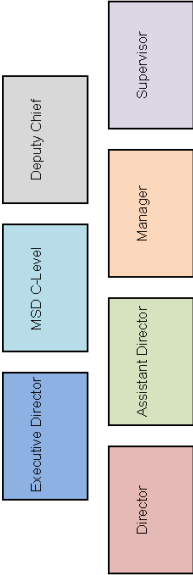
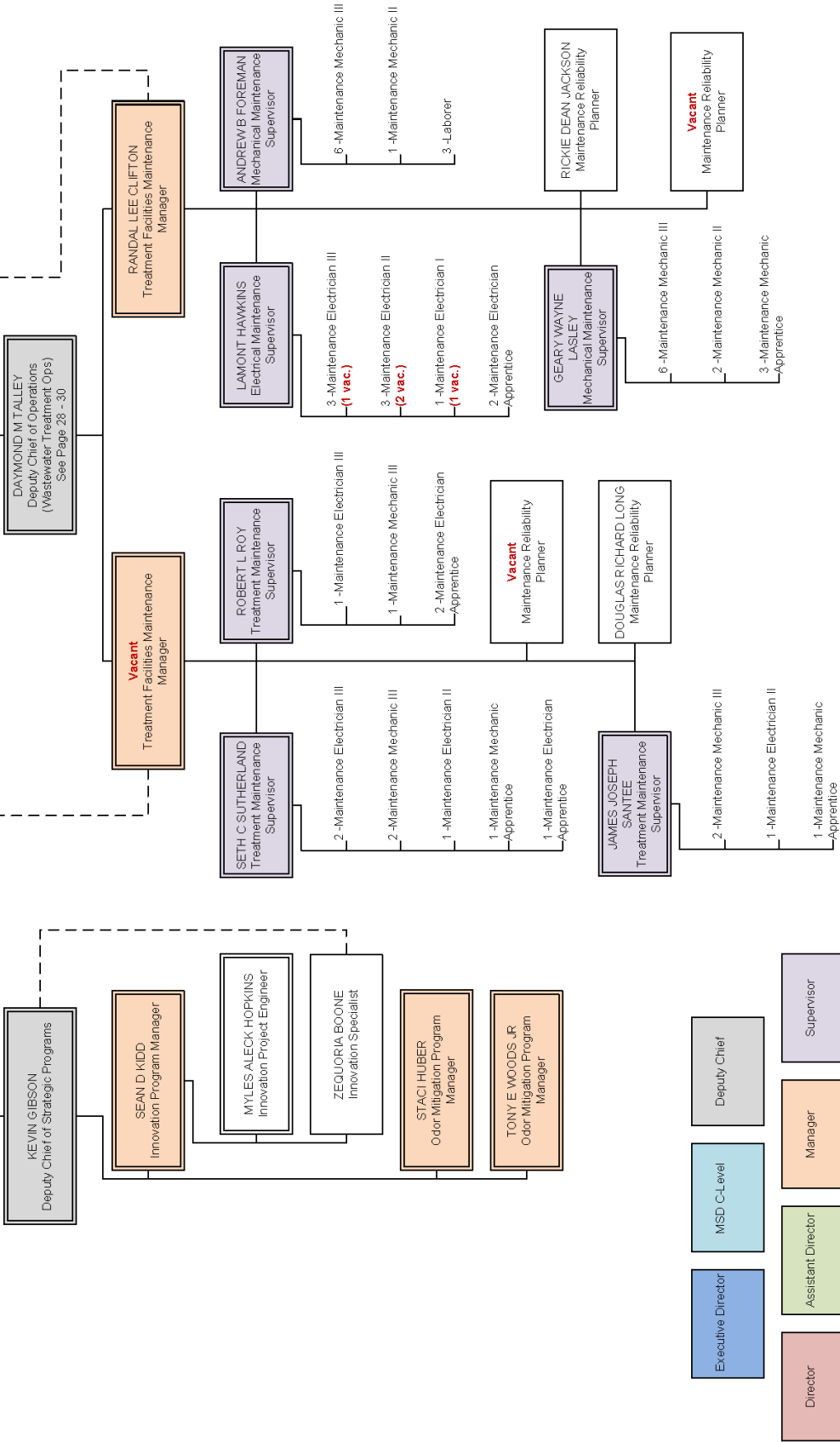
BUDGET STATUS	
Actual	20
Vacant	3
Authorized	23
Exempt	5
Non-Exempt	2
Unit	16
Total	23



Wastewater Treatment Operations Division
Strategic Programs and Treatment Maintenance

DIVISION BUDGET STATUS	
Actual	175
Vacant	15
Authorized	190
Exempt	44
Non-Exempt	43
Unit	103
Total	190

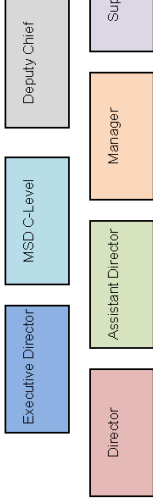
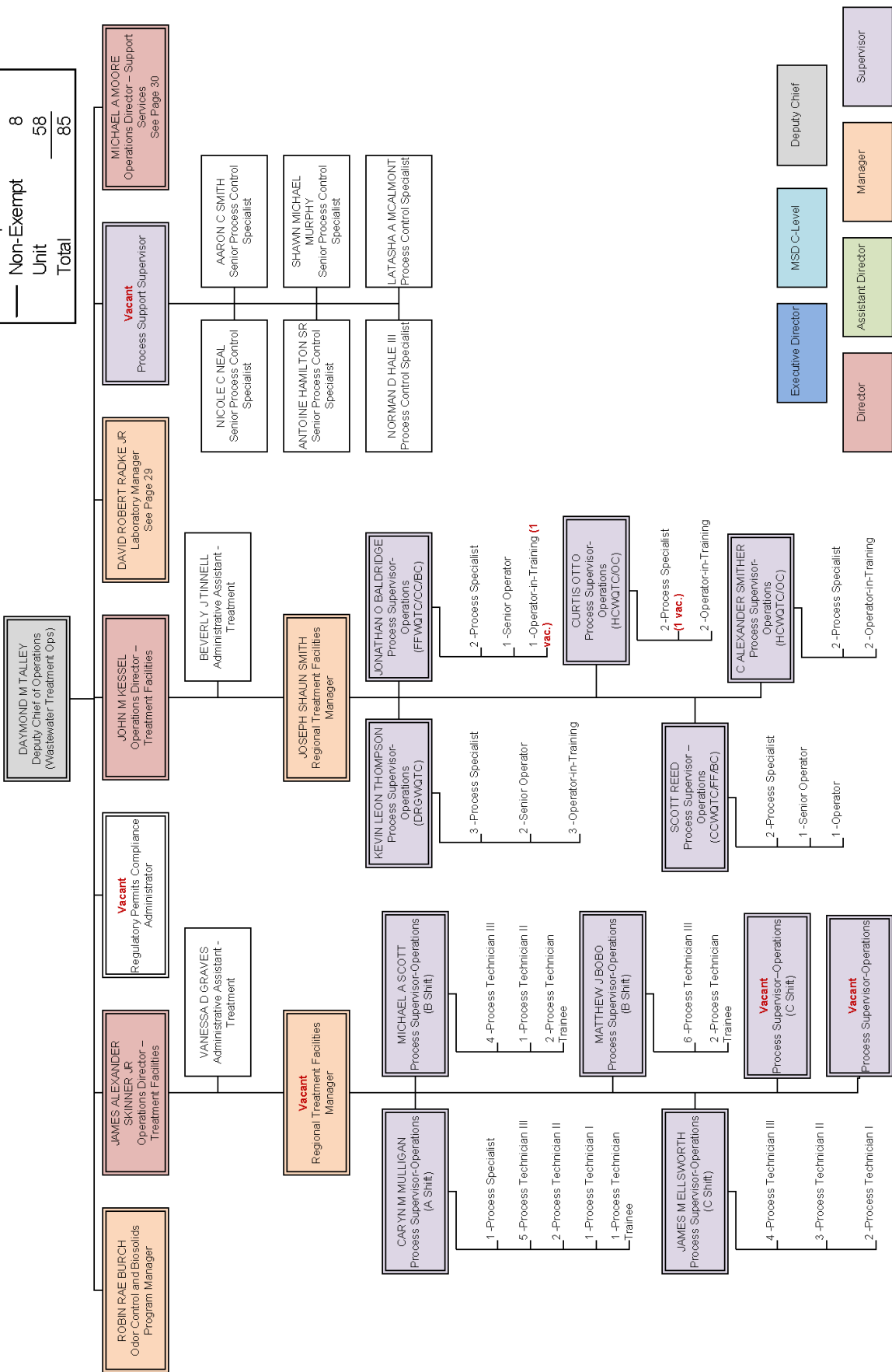
BUDGET STATUS	
Actual	57
Vacant	7
Authorized	64
Exempt	14
Non-Exempt	5
Unit	45
Total	64



Wastewater Treatment Operations Division

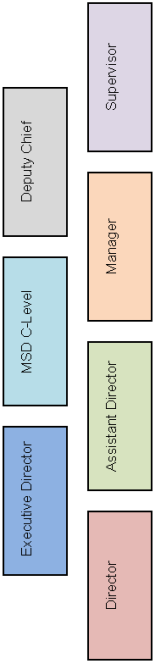
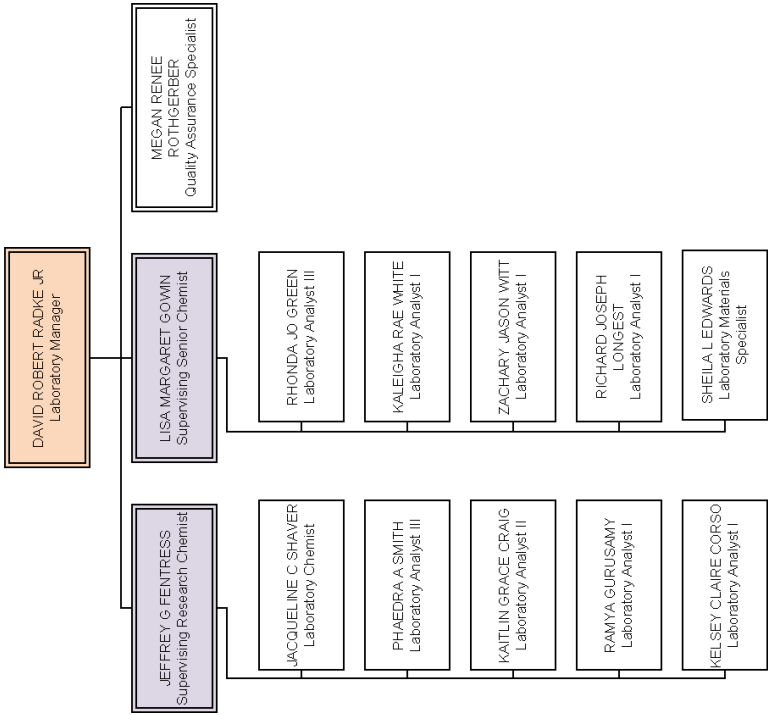
Treatment Facilities

BUDGET STATUS	
Actual	78
Vacant	7
Authorized	85
Exempt	19
Non-Exempt	8
Unit	58
Total	85



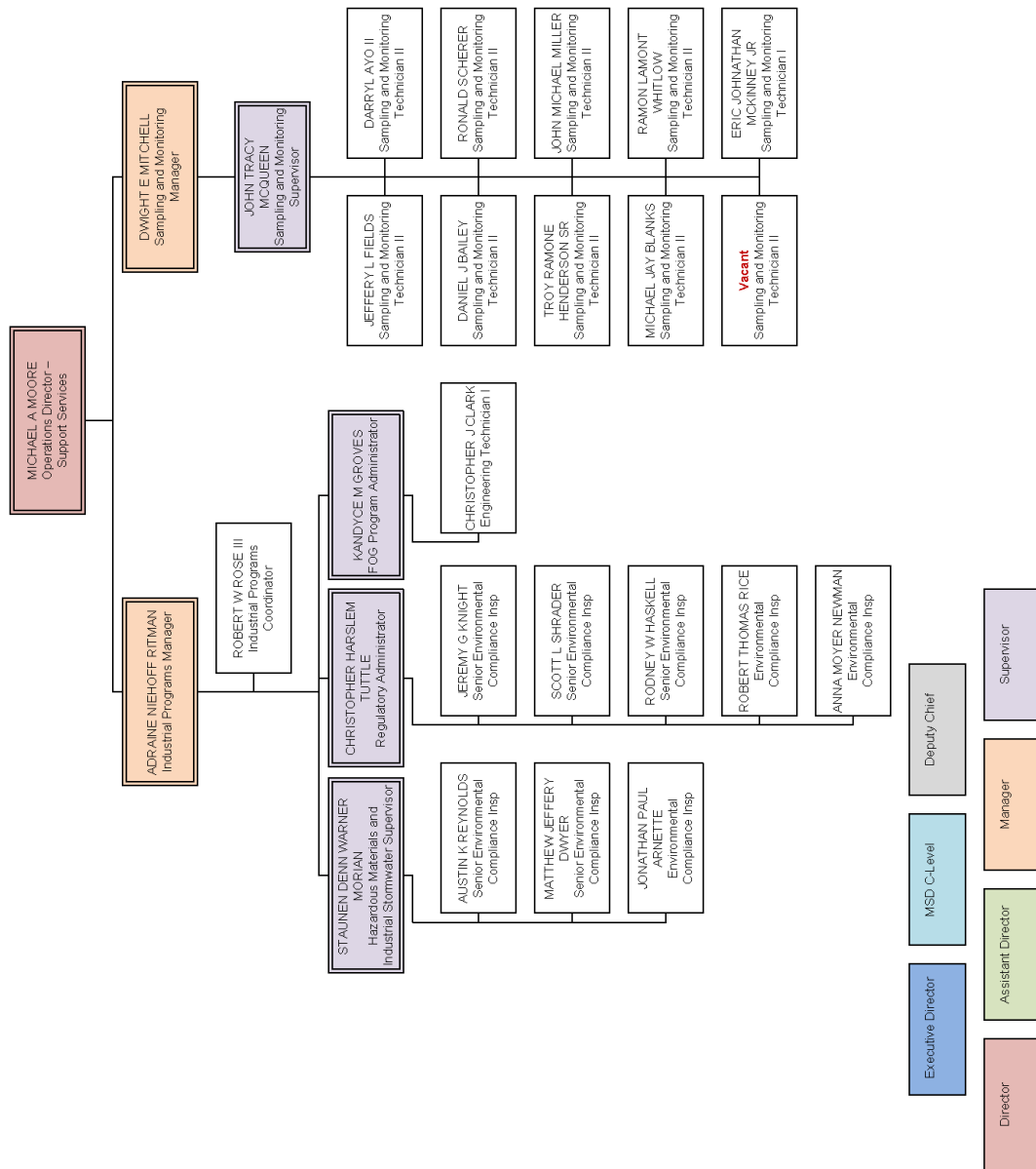
Wastewater Treatment Operations Division
Laboratory Services

BUDGET STATUS	
Actual	14
Vacant	0
Authorized	14
Exempt	4
Non-Exempt	10
Unit	0
Total	14



Wastewater Treatment Operations Division Support Services

BUDGET STATUS	
Actual	26
Vacant	1
Authorized	27
Exempt	7
Non-Exempt	20
Unit	0
Total	27



APPENDIX M

SCAP BALANCE

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SECOND AMENDED CONSENT DECREE
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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 III 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	Allwood 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 CREEK	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

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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 // 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	Heartstone 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	CLAIRBOURNE 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	174789	175786
Floyds Fork	362683	MAINTENANCE WORK FY13A - FLOYDS FORK	SCAPCREDIT		12/31/2012	10	175796
Floyds Fork	331397	BROOKFIELD SEC 2A	LAT EXT	14400	5/6/2013	-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	LE939188	FY14 BERRY TOWN WQTC III REMEDIATION	SCAPCREDIT		6/30/2015	-4176	273274
Floyds Fork	SC1003809	MAINTENANCE WORK FY15 JAN-JUN-FLOYDS FORK	SCAPCREDIT		6/30/2015	118834	277450
Floyds Fork	SC1003723	FY16 MIDDLETOWN SSR P2S2 II REMEDIATION	SCAPCREDIT		11/6/2015	102	271133
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	Upton Woods, Section 2B	LAT EXT	17200	1/4/2017	-37410	202833
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	10/6/2017	-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	4820	-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
Hite Creek	SC1006307	CONTRACTED WORK FY08 - HITE CREEK	SCAPCREDIT		5/15/2006	656	920525
Hite Creek	235561	MAINTENANCE WORK FY08 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 III 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	362884	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 Harry 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	-59290	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	LE1066431	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	Acomack Mini Warehouses	LAT EXT	400	5/8/2019	-870	2708012
Hite Creek	LE1088886	Ghasent 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	33800	5/31/2023	-73080	2413605
Hite Creek	SC1110779	MAINTENANCE WORK FY23 HITE CREEK	SCAPCREDIT		6/30/2023	4260	2417865
Hite Creek	SC1107229	FY23 U/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 Ballardville 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	13LE1082	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	SC1109786	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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Jeffersonton	13LE1168	GOODWILL INDUSTRIES OF KENTUCKY	LAT EXT	400	7/28/2016	-870	28275
Jeffersonton	14LE1148	Grand Lakes Section 2	LAT EXT	4400	11/8/2016	-9570	18705
Jeffersonton	LE950059	Embassy Square Office Park	LAT EXT	600	11/17/2016	-1305	17400
Jeffersonton	LE926081	Monticello Manors Sec 2	LAT EXT	7600	3/23/2017	-16530	870
Jeffersonton	LE967619	Louis F. Zoeller, Jr. Minor Plat	LAT EXT	400	3/31/2017	-870	0
Jeffersonton						0	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	265792	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/CO DOMINIUMS 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 II 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 III 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	SC1082545	MAINTENANCE WORK FY13 JAN-JUN-MIDDLE FORK BEARGRAS	SCAPCREDIT		6/30/2013	6889	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/II 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 Vinnings Apartments	LAT EXT	38100	10/2/2015	-82888	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	Robson 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 Easter 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 Binley	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 Hursbourne 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	10/6/2018	-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 Ball	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	Moral 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 - Breckinridge 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	Breckendridge 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	LE1088358	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	North 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	Endeavor at Warwick Village	LAT EXT	5100	11/22/2021	-11053	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	LE1104289	OXMOOR CENTER RESTAURANT OUTPARCEL #1	LAT EXT	12250	11/10/2022	-26644	1835856
Middle Fork Beargrass Creek	SC1107178	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	Ernspliker, 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 FY08 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	306833
Mill Creek	362671	FY11 SONNE AVE PS REHABILITATION	SCAPCREDIT		6/30/2011	11745	320378
Mill Creek	299389	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	308748
Mill Creek	237457	WAVERLY HILLS	LAT EXT	400	9/18/2012	-870	308868

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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	519529
Mill Creek	359386	CALENDAR 2012 DOWNSPOUT CREDIT	SCAPCREDIT		12/31/2012	4000	486933
Mill Creek	359327	CALENDAR 2012 SUMP PUMP CREDIT	SCAPCREDIT		12/31/2012	148000	492833
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	428639
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 III 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	SC1003890	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	Thorntons 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	SC1082557	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 Iguauna 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	586995
Mill Creek	LE986760	Algood Food Company Warehouse	LAT EXT	750	3/8/2018	-1631	585364
Mill Creek	LE1049057	Advanced ENT	LAT EXT	705	5/15/2018	-1533	583831
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	583831
Mill Creek	LE1039415	Delcours Multi-Family Apartments	LAT EXT	60400	10/31/2019	-131370	452561
Mill Creek	SC1109846	MAINTENANCE WORK FY20 MILL CREEK	SCAPCREDIT		6/30/2020	7886	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	JOPS 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	Heimbrook II	LAT EXT	400	8/14/2015	-870	225695
Northern Ditch	LE947318	Heimbrook 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	Durrell 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 // 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 // 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	17586	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	7891	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	Clyscape - 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	132827
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 EDEL III 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 III 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	1196676	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	SC1062593	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 MANSLOK	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 MANSLOK 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	228201	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	SC1062594	MAINTENANCE WORK FY14 JUL-DEC-POND CREEK	SCAPCREDIT		12/30/2013	19491	1695645
Pond Creek	13LE1179	TIMBERBEND SUBDIVISION SEC 9B	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	-1586	1641672
Pond Creek	14LE1052	Stor-Air 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 III 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(Formerly 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 III REHABILITATION	SCAPCREDIT		3/10/2015	345397	2271891
Pond Creek	SC95942	FY13 CAVEN AVE III 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	LE948892	Jim's Express Wash	LAT EXT	10500	7/28/2015	-22838	2427122
Pond Creek	LE951121	Algeier 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	3063	2284884
Pond Creek	LE936998	Jefferson Commerce Center Tract 1A	LAT EXT	5250	6/6/2016	-11419	2273465
Pond Creek	14LE1170	AUSTIN PARK SS PHASE 8	LAT EXT	18800	6/21/2016	-57420	2216045
Pond Creek	LE918484	Austin Park Phase 7 & 8	LAT EXT	26400	6/21/2016	-38540	2179505
Pond Creek	SC1082599	MAINTENANCE WORK FY16 JAN-JUN-POND CREEK	SCAPCREDIT		6/30/2016	12650	2192155
Pond Creek	SC1003087	FY14 HILLRIDGE III REMEDIATION	SCAPCREDIT		8/5/2016	308184	2500339

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Pond Creek	SC939830	FY15 LEA ANN WAY WEST (LAWW) II REHABILITATION	SCAPCREDIT		8/20/2016	538285	3038624
Pond Creek	SC1003292	FY14 LEA ANN WAY WEST (LAWW) QUAD3 II 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 II REHAB	SCAPCREDIT		10/31/2016	284936	4336691
Pond Creek	SC1002601	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	SC1002602	MAINTENANCE WORK FY17 JAN-JUN-POND CREEK	SCAPCREDIT		6/30/2017	14076	4214195
Pond Creek	LE987615	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	SC1002603	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	SC1006902	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	Ferdiale 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	18845	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	Stern 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 BUECHBI (CA 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	18974	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	236328	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

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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

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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/ 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

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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)
Southwest Division	SC1082614	MAINTENANCE WORK FY17 JAN-JUN-SOUTHEAST DIVERSION	SCAPCREDIT		6/30/2017	6861	1974297
Southwest Division	LE10109576	Bachman Subaru Dealership	LAT EXT	489	7/18/2017	-1064	1973233
Southwest Division	LE1030200	Wingate Hotel Pool	LAT EXT	400	8/10/2017	-870	1972363
Southwest Division	SC1082615	MAINTENANCE WORK FY18 JUL-DEC-SOUTHEAST DIVERSION	SCAPCREDIT		12/30/2017	14909	1987272
Southwest Division	LE1031137	Collins Body Shop Expansion	LAT EXT	400	3/9/2018	-870	1986402
Southwest Division	LE1002002	ALDI #39	LAT EXT	400	3/15/2018	-870	1985532
Southwest Division	LE1039341	Silver Creek Place Apartments	LAT EXT	7200	4/9/2018	-15660	1969872
Southwest Division	LE1046691	Crown Packaging	LAT EXT	400	4/18/2018	-870	1969002
Southwest Division	LE1061616	Bob Hook Chevrolet	LAT EXT	400	6/4/2018	-870	1968132
Southwest Division	LE1068750	Nickles Paragon Centre - Corporate Office Additio	LAT EXT	3040	1/10/2019	-6612	1961520
Southwest Division	SC1109840	MAINTENANCE WORK FY19 SE DIVERSION	SCAPCREDIT		6/30/2019	55936	2017456
Southwest Division	SC1107193	CONTRACTED WORK FY19 - SOUTHEAST DIVERSION	SCAPCREDIT		8/30/2019	15760	2033216
Southwest Division	SC1107192	FY18 SOUTHEAST DIVERSION AREA F (SEDF)	SCAPCREDIT		9/12/2019	1617410	3650626
Southwest Division	LE1102994	Honda World - building expansion	LAT EXT	400	1/17/2020	-870	3649756
Southwest Division	SC1109850	MAINTENANCE WORK FY20 SE DIVERSION	SCAPCREDIT		6/30/2020	16393	3666149
Southwest Division	LE1074909	Bardstown Road Storage	LAT EXT	400	7/29/2020	-870	3665279
Southwest Division	LE1104178	DRAKES RESTAURANT	LAT EXT	3000	1/4/2021	-6525	3658754
Southwest Division	LE1104275	FKC WATTERSON DIALYSIS	LAT EXT	6180	1/5/2021	-13442	3645312
Southwest Division	SC1109860	MAINTENANCE WORK FY21 SE DIVERSION	SCAPCREDIT		6/30/2021	15519	3660831
Southwest Division	SC1107199	FY20 NIGHTINGALE (SEDC) REHABILITATION	SCAPCREDIT		9/2/2021	739758	4400589
Southwest Division	LE1054201	9603 Watterson Trail	LAT EXT	400	11/22/2021	-870	4399719
Southwest Division	SC1109890	MAINTENANCE WORK FY22 SE DIVERSION	SCAPCREDIT		6/30/2022	19738	4419457
Southwest Division	SC1110722	CONTRACTED WORK FY23 - SOUTHEAST DIVERSION	SCAPCREDIT		6/5/2023	328	4419785
Southwest Division	SC1110787	MAINTENANCE WORK FY23 SE DIVERSION	SCAPCREDIT		6/30/2023	11654	4431439
Southwest Division	LE1057793	Hurstbourne Commons Subdivision Section 1	LAT EXT	22400	12/14/2023	-48720	4382719
Southwest Division	SC1110953	MAINTENANCE WORK FY24 SE DIVERSION	SCAPCREDIT		6/30/2024	20345	4403064
Southwest Division							4403064

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APPENDIX N

FY25 ASSET MANAGEMENT PROGRAM COSTS

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FISCAL YEAR	BUDGET ID	PROJECT NAME	ACTUAL EXPENDITURES
FY25	A22183	15th St Emergency Sewer Repair	\$-
FY25	A23211	Concrete Repairs at DRG Dewatering Bldg	\$-
FY25	A24011	Asset Management Program Implementation - \$25M AM	\$763,434.52
FY25	A24044	Private Property Illicit Discharge Program	\$16,000.00
FY25	A24060	Campbell St Lining Emergency Projects	\$-
FY25	A24069	Jackson St Sewer Repl Em Cont 2024-001	\$(102,357.69)
FY25	A24132	Southwestern CSO Basin Bar Screen Replacement	\$242,584.23
FY25	A24133	West Goose Creek PS Rehabilitation	\$-
FY25	A24176	Hancock St Sewer Emergency Repair	\$862,116.67
FY25	A25271	Beulah Crossings Excess Cost	\$354,938.57
FY25	A25278	Hunters Hollow Excess Cost	\$-
FY25	A25304	4706 Rossmoor Emergency Repair	\$-
FY25	C22028	Lower Floyds Fork Facilities Plan	\$16,891.49
FY25	C22029	Ohio River Area Facilities Plan	\$39,708.43
FY25	C24014	Park DuVall Catch Basin Rehab Project Phase 2	\$(12,332.65)
FY25	C24121	California Trap Catch Basin Replacement Phase 2	\$473,000.00
FY25	C24139	Shawnee Trap Catch Basin Replacement	\$2,324,481.86
FY25	D17039	MFWQTC DAFT Rehabilitation	\$531,769.42
FY25	D17042	MFWQTC Sedimentation Basin RR	\$7,588,712.61
FY25	D18090	CCWQTC Solids Dewatering Facility	\$7,488,996.18
FY25	D18132	DRGWQTC WWPS & WWSB Rehabilitation	\$1,017,040.73
FY25	D18160	MFWQTC Mixed Liquor Channel and HPO Batteries A, B, C Improvements	\$555,249.45
FY25	D18161	MFWQTC Chlorine Contact Tanks and FEPS Structural Repairs	\$97,621.10
FY25	D19045	MFWQTC Sodium Hypochlorite Building Relocation	\$7,829.43
FY25	D19286	SWPS Gas Monitoring and SP1 Odor Control	\$308,272.95
FY25	D20007	Peabody Gate Structure Rehabilitation	\$303,626.01
FY25	D20008	Kirby Lane Pump Station Elimination	\$65,410.52
FY25	D20011	Northern Ditch Pump Station Replacement	\$746,855.26
FY25	D20012	SGC RTC Enhancements	\$45,178.13
FY25	D20148	FFWQTC Regional Facilities Plan Update	\$29,287.70
FY25	D20149	CCWQTC Admin Building Expansion	\$4,416,002.21
FY25	D20223	Bells Lane WWTF Polymer Dosing System Updates	\$833,389.23
FY25	D20285	MFWQTC LG Dryer Replacements	\$32,323.80
FY25	D20351	Floyds Fork Interceptor	\$289,026.38
FY25	D21021	FY24 MFWQTC Equipment RR	\$334,563.19
FY25	D21041	FY25 MFWQTC Equipment RR	\$810,087.12
FY25	D21063	Odor Management Plan	\$-

FISCAL YEAR	BUDGET ID	PROJECT NAME	ACTUAL EXPENDITURES
FY25	D21079	Fairmount Road Pump Station Force Main Extension - Phase 2	\$101,496.24
FY25	D21109	FY25 Regional WQTC Equipment RR	\$922,667.47
FY25	D21230	DRG RAS Pumps 2 and 3 Replacement	\$1,278,784.03
FY25	D21233	MFWQTC MEB Roof Replacement	\$151,316.46
FY25	D21242	DRGWQTC Lab Upgrade	\$745.52
FY25	D21247	MFWQTC MEB HVAC Replacement	\$2,133,074.12
FY25	D22042	FFWQTC Power Factor Correction	\$-
FY25	D22080	DRG Clarifier 4-6 Mechanism Update	\$627,833.71
FY25	D22098	CCWQTC Re-rating to 9_0 MGD	\$4,804,486.62
FY25	D22122	MFWQTC MEB Boiler Replacement	\$339,744.08
FY25	D22186	MFWQTC Computer Room Upgrades	\$212,853.46
FY25	D22187	FFWQTC Tertiary Treatment Bldgs Roof Replacement	\$-
FY25	D22213	CCWQTC Tertiary Filtration	\$7,857,451.68
FY25	D23159	CCWQTC Maintenance Offices Roof Replacement	\$342,012.45
FY25	D23160	CCWQTC Roof Repairs	\$-
FY25	D23161	DRGWQTC Clarifier MCC and Grit Electric MCC Buildings Roof Replacement	\$3,782.72
FY25	D23163	DRGWQTC Roof Repairs	\$-
FY25	D23165	HCWQTC Aeration Blower Buildings, Sec 1 & 2 Roof Replacement	\$1,321.18
FY25	D23166	MFWQTC Activated Sludge Building Roof Replacement	\$-
FY25	D23167	MFWQTC Dechlorination Building Roof Replacement	\$-
FY25	D23168	MFWQTC Odor Control Chemical Storage Building Roof Replacement	\$358,652.22
FY25	D23194	MFWQTC Emergency Elevator Project	\$3,156.95
FY25	D24009	AI Aquasight Software at HCWQTC	\$155,000.00
FY25	D24015	CCWQTC UV Improvements	\$1,401,413.47
FY25	D24021	FFWQTC Influent Pump VFDs	\$58,109.00
FY25	D24022	FFWQTC Sludge Storage Tank Improvements	\$252,368.00
FY25	D24038	HCWQTC Sludge Screens	\$374,470.00
FY25	D24043	OC Forcemain to HCWQTC	\$8,800.00
FY25	D24045	Regional WQTC Controls Upgrades	\$254,832.14
FY25	D24104	MFWQTC Secondary Load Centers Replacement	\$931,213.51
FY25	D24106	CCWQTC South Electrical Service	\$728,331.13
FY25	D24142	DRG and CC Aquasight AI Dashboard Development	\$-
FY25	D24143	MFWQTC DAFT Nos 1-8 Repairs	\$-
FY25	D24149	MFWQTC Digester Gas Hydrogen Sulfide Removal	\$2,182,635.02
FY25	D24169	Western Outfall Sewershed Studies	\$81,613.32
FY25	D24170	Clay Street Emergency Sewer Repair	\$-
FY25	D24187	North Galt Ave Sewer Replacement	\$44,426.52

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FY25	D25023	CCWQTC Sludge Storage Blower Upgrade	\$25,765.00
FY25	D25052	MFQWQTC Lab HVAC Upgrades	\$65,230.00
FY25	D25054	HCWQTC Influent PS Upgrade Study	\$-
FY25	D25055	DRGWQTC Raw Water PS Pump Rebuild	\$131,775.55
FY25	D25056	DRGWQTC Process Water Pump Strainer System	\$68,747.60
FY25	D25229	Bells Lane Wet Weather Treatment Facility Peracetic Acid Chemical Feed System Rehabilitation	\$169,800.00
FY25	D25279	FFWQTC Orbital Upgrades	\$401,791.41
FY25	D26021	FY26 Vertical Infrastructure Rehab - MFQWQTC	\$-
FY25	D26029	FY26 Vertical Infrastructure Rehab - Regional WQTC	\$-
FY25	D26053	FY26_27 Regional WQTC Controls Upgrades	\$-
FY25	E15035	Lake Forest Pump Station Eliminations	\$3,733,175.65
FY25	E21022	FY24 PS Replacement, Overhaul or Elimination	\$210,350.00
FY25	E21026	FY25 Linear Assets RR	\$116,891.26
FY25	E21027	FY25 CMOM Gravity Line Cleaning & Inspection	\$1,616,785.18
FY25	E21028	FY25 CMOM I and C Implementation	\$114,806.95
FY25	E21029	FY25 Linear Infrastructure Rehabilitation Program	\$1,892,141.84
FY25	E21031	FY25 CMOM SCAP, AAM, FOG	\$74,542.04
FY25	E21052	FY25 PS Replacement, Overhaul or Elimination	\$353,826.26
FY25	E21062	Modesto Pump Station Elimination	\$-
FY25	E21070	Rosa Terrace PS Elimination	\$-
FY25	E21071	Wathen Lane PS Rehabilitation	\$121,956.97
FY25	E21091	Sanders Lane PS Rehabilitation	\$15,000.00
FY25	E22116	South Shelby St Sanitary Sewer Improvements	\$235,705.08
FY25	E22223	Lantana Drive Pump Station No 1 Elimination	\$1,093,865.80
FY25	E23172	Liberty Street Emergency Sewer Repair	\$-
FY25	E24017	Cypress Springs PS Elimination	\$112,232.05
FY25	E24026	Fox Harbor 1 & 2 and Deep Trail Pump Station Eliminations	\$69,487.34
FY25	E24066	Taylor Boulevard RTC Vault Decommissioning	\$-
FY25	E24190	Brown School Sewer Repair	\$366,859.99
FY25	E25047	Muddy Fork PS Roof Replacement	\$28,651.45
FY25	E25050	OT PLC Network Upgrades	\$176,471.00
FY25	E25065	Inflatable Dam Replacement - SWOR2, MDS, Sneads Branch	\$47,832.00
FY25	E25116	Belle of Louisville Force Main Replacement	\$50,436.00
FY25	E25225	Limerick Green Infrastructure & Sewer Separation	\$-
FY25	E25309	Southwestern Outfall Odor Modeling	\$-
FY25	E25311	Muddy Fork Generator Replacement	\$-
FY25	E25313	Mellwood PS Generator Replacement	\$-

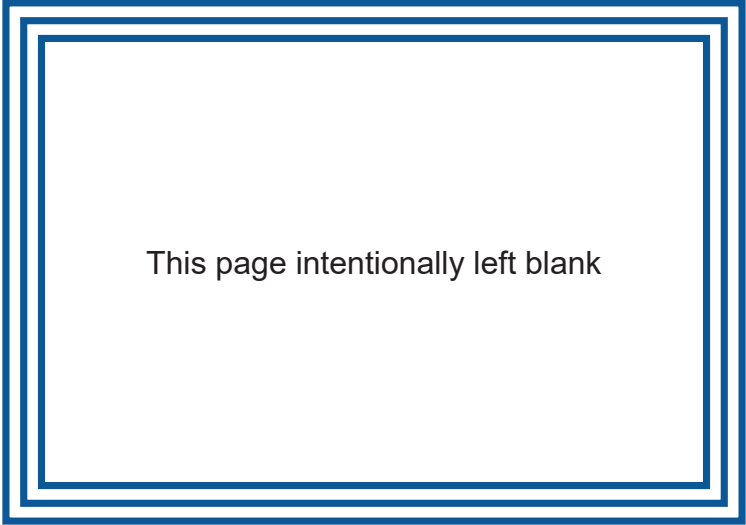
FISCAL YEAR	BUDGET ID	PROJECT NAME	ACTUAL EXPENDITURES
FY25	E26007	FY26 Linear Assets RR	\$-
FY25	E26010	FY26 Linear Infrastructure Rehab	\$-
FY25	E26028	FY26 Vertical Infrastructure Rehab - Collections	\$-
FY25	E26055	Goose Creek PS & West Goose Creek PS FM Valve and ARV Rehab	\$-
FY25	E26060	Barbour Ln PS Improvements	\$-
FY25	F15010	Gate 102 Replacement	\$(20.00)
FY25	F22210	Gate 30 Replacement	\$31,753.66
FY25	F23052	Flood Gate 114 Replacement	\$1,107,271.84
FY25	F24062	Starkey PS Hydraulic Actuator Replacement	\$249,000.00
FY25	F24136	Southwestern Basin Emergency	\$-
FY25	G24001	FY24 Renewal & Replacement_Wastewater	\$866,300.35
FY25	G25001	FY25 Renewal and Replacement	\$2,846,311.92
FY25	G26030	FY26 Renewal & Replacement	\$-
FY25	H14126	HCWQTC Expansion	\$40,493.17
FY25	H18168	Comprehensive Facility Plan - Five-Year Update	\$-
FY25	H20021	Admiral Rd Storage	\$761,518.23
FY25	H20053	FY24 CMOM Infrastructure Rehabilitation Program	\$1,321,147.82
FY25	H20065	FY24 CMOM Gravity Line Cleaning & Inspection	\$280,055.62
FY25	H20113	FY24 CMOM SCAP, AAM, FOG	\$4,882.14
FY25	H21051	FY25 Plumbing Modification Program	\$269,814.91
FY25	H22014	MFWQTC Groundwater Dewatering System Automation	\$31,552.92
FY25	H22018	CCWQTC Sludge Storage Tank Improvements	\$161,973.69
FY25	H22022	SGC Gate Replacements	\$2,579,257.23
FY25	H22032	DRGWQTC Sodium Bisulfite Bldg Improvements	\$865,041.14
FY25	H22038	Sneads Branch Pump Replacement	\$1,226,994.37
FY25	H23016	California Neighborhood Trap Catch Basin Rehab	\$-
FY25	H23018	Cedar Creek Main Interceptor	\$76,654.22
FY25	H23041	Olde Copper Ct PS Elimination	\$147,567.13
FY25	H23050	WQTC Regional Lab Upgrade	\$1,159,193.94
FY25	H23175	California Maple St Trap Catch Basin Rehab	\$346,798.82
FY25	H23179	CSO 140 Outfall Reconstruction	\$166,520.52
FY25	H24193	Goose Creek II Rehabilitation	\$828,857.43
FY25	H24194	Floydsburg Road I&I Investigation and Rehabilitation	\$38,800.00
FY25	H25031	Neighborhood Odor Control Catch Basin Inspections	\$822,228.18
FY25	H25032	Chickasaw Trap Catch Basin Rehab	\$-
FY25	H25038	Grand Avenue PS Chemical Use Assessment	\$7,000.00
FY25	H25039	ORFM Technology Study	\$-
FY25	H25053	Bells Lane Odor Mitigation - EQ and HRT	\$367,579.19
FY25	H25059	Taylor-Berry Catch Basin Replacement	\$15,244.00

**SECOND AMENDED CONSENT DECREE
ANNUAL REPORT FY25
JULY 1, 2024 - JUNE 30, 2025**



FISCAL YEAR	BUDGET ID	PROJECT NAME	ACTUAL EXPENDITURES
FY25	H25083	Starkey PS Odor Mitigation Chemical Use Assessment	\$-
FY25	H25227	E Market St Catch Basin Replacement	\$264,600.00
FY25	H25241	W Main St Catch Basin Replacement	\$2,970.00
FY25	H25277	Chicksaw Trap Catch Basin Replacement Phase 1	\$-
FY25	H26027	FY26 Plumbing Modification Program	\$-
FY25	H26059	FY26 Private Property Illicit Discharge Program	\$-
FY25	H26061	Overflow Sampling and Monitoring Equipment Replacement	\$-
	Total		\$84,273,786.73

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**Louisville and Jefferson County
Metropolitan Sewer District
Second Amended Consent Decree
Annual Report FY25**

