



**Louisville MSD
Second Amended Consent Decree
Mid-Year Status Report FY25**



**Louisville & Jefferson County Metropolitan Sewer District
Second Amended Consent Decree Mid-Year Status Report**

Reporting Period:

July 1, 2024 through December 31, 2024

Submitted To:

Kentucky Department of Environmental Protection

United States Environmental Protection Agency

United States Department of Justice

Submitted By:

Louisville and Jefferson County Metropolitan Sewer District

700 W. Liberty Street

Louisville, Kentucky 40203-1911

Submittal Date:

February 28, 2025





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February 28, 2025

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Subject: Mid-Year Status Report
July 1, 2024 through December 31, 2024
Civil Action No. 3:05-cv-236-S
DOJ Case No. 90-5-1-1-08254

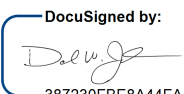
Attention Director and Chiefs:

Please find attached our Mid-Year Status Report, prepared in accordance with Paragraph 41 of our Second Amended Consent Decree. This report is for the period July 1, 2024, through December 31, 2024.

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 Division for Environmental Protection (KDEP) 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.

This Second Amended Consent Decree Mid-Year Status Report is submitted in accordance with Paragraph 41 of the 2ACD. After discussion with the EPA and KDEP on November 15, 2023, the content included in the Mid-Year Status Report (MYSR) was evaluated in order to better align with the requirements outlined in the 2ACD. The FY24 MYSR included a detailed listing of content that will be included in MYSRs. Full updates for the programs included in this report will be reported in the Annual Report. For consistency, the same report structure and outline will be used for the MYSR and the Annual Report.

This report covers the time period from July 1, 2024, through December 31, 2024. 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) Program Performance Overview – Project WIN is MSD's program to respond to the Federal Consent Decree. Project WIN includes a series of sewer overflow reduction projects defined in the Integrated Overflow Abatement Plan (IOAP). Project WIN also includes reducing overflows through enhanced operating procedures developed under the Nine Minimum Control (NMC) and Capacity, Management, Operations and Maintenance (CMOM) programs. 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 (CMOM) – 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 – This section describes the scope, schedule and status for activities that were active during the current reporting period for continued compliance with the 2ACD.

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SECTION 1: PROJECT WATERWAY IMPROVEMENTS NOW (WIN) PROGRAM 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, and the total network currently has 44 rain gauges, as shown in Figure 1.1. MSD maintained seven gauges within Indiana, eight 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	OCCURRENCES	VOLUME (MG)
LACK OF SYSTEM CAPACITY	575	2,560

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.

Table 1.3 shows the modeled baseline and reduction in number and volume of CSOs. Figure 1.3 shows the modeled reduction in occurrence and Figure 1.4 shows the modeled reduction in volume 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

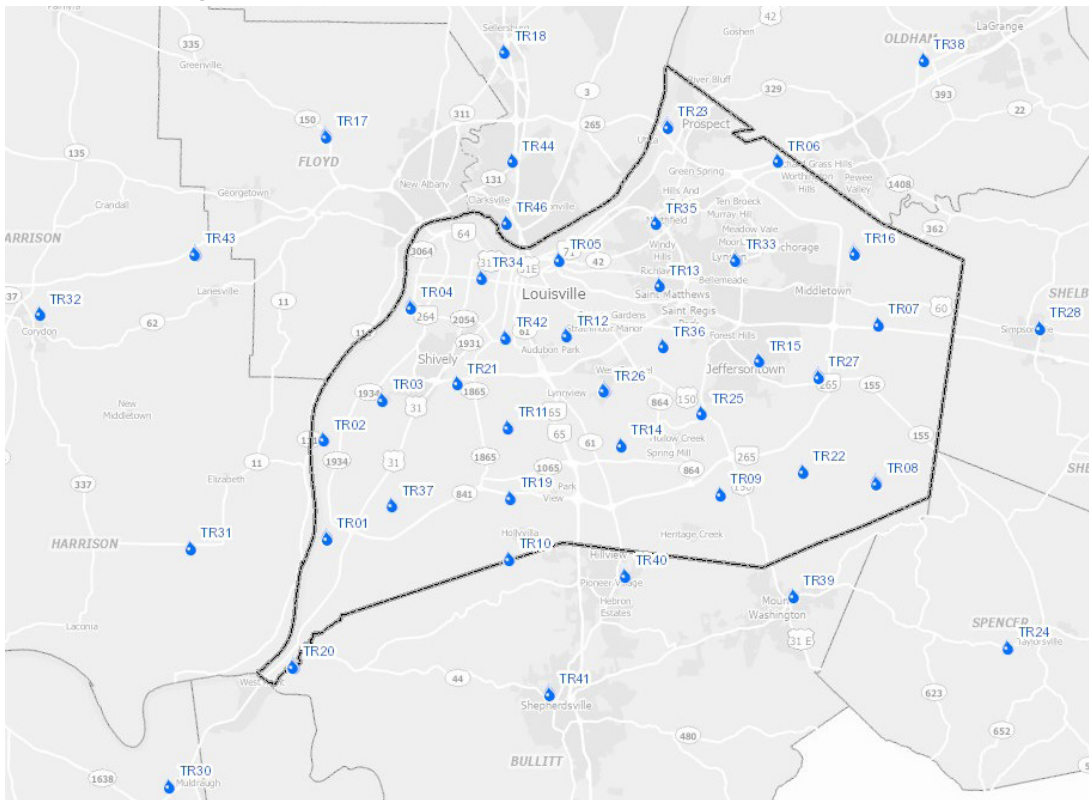
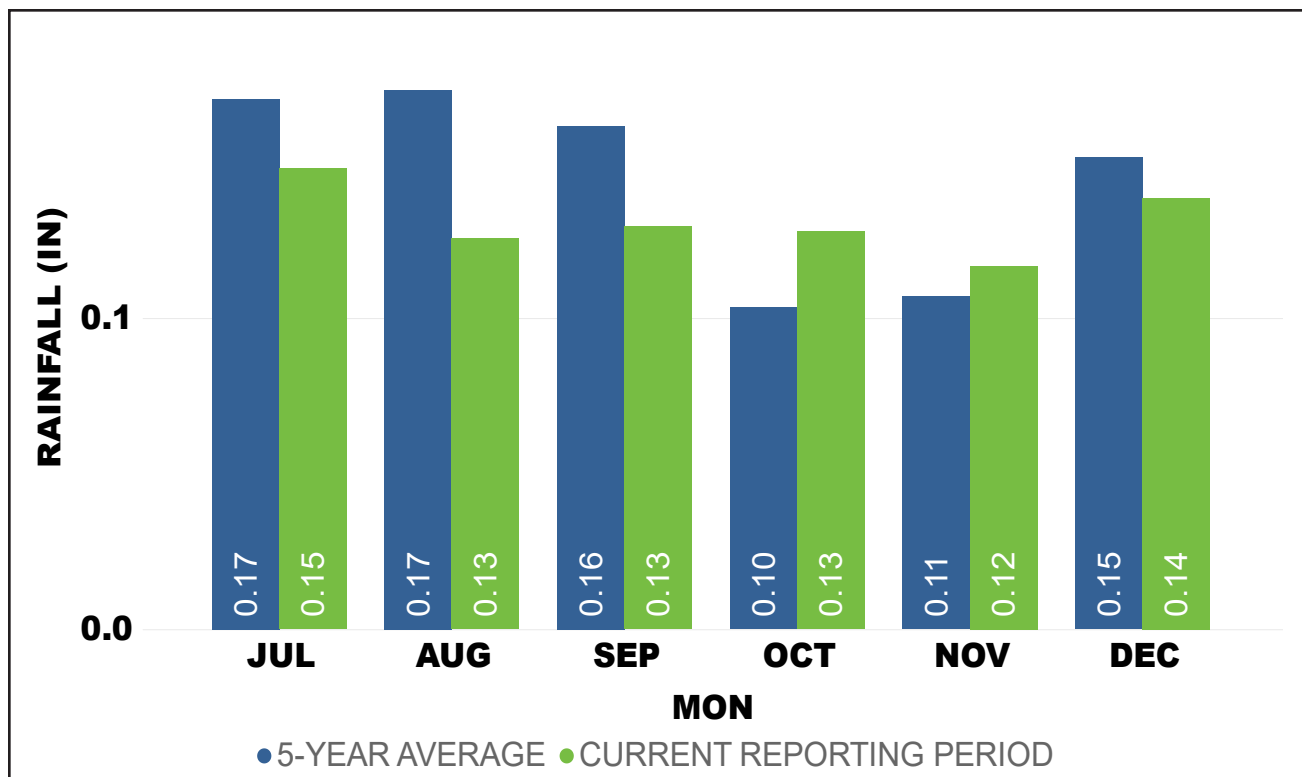


Figure 1.2. Daily Average Rainfall by Month



1.3. UNAUTHORIZED DISCHARGES — WET WEATHER SSOs

1.3.1. CURRENT REPORTING PERIOD

Table 1.2 includes a summary of wet weather SSO discharges by cause during the current reporting period. Refer to Appendix C for a detailed listing of discharges that occurred during the current reporting period.

Table 1.2. Wet Weather SSO Discharge Summary

DUE TO	OCCURRENCES	VOLUME (GAL)
ELECTRICAL PROBLEMS AT MSD	1	1,020
LACK OF SYSTEM CAPACITY	121	35,055,130
MECHANICAL FAILURE	2	100
POWER OUTAGE (LG&E)	2	34,860

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 December 31, 2024). Actual projections are subject to change as future projects are designed in detail and constructed. Table 1.4 shows the modeled baseline and reduction in number and volume of SSOs. Figure 1.5 shows the modeled reduction in occurrence and Figure 1.6 shows the modeled reduction in volume of SSOs for the 2-, 5-, and 10-year storm events.

1.4. UNAUTHORIZED DISCHARGES — DRY WEATHER CSOs

Table 1.5 summarizes dry weather CSO discharges by cause during the reporting period. Refer to Appendix D for a detailed listing of discharges that occurred during the reporting period.

1.5. UNAUTHORIZED DISCHARGES — DRY WEATHER SSOs

Table 1.6 includes a summary of dry weather SSO discharges by cause during the current reporting period. Refer to Appendix E for a detailed listing of discharges that occurred during the current reporting period.

1.6. BYPASSES AT WATER QUALITY TREATMENT CENTERS

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

Table 1.7 includes a summary of bypasses by cause during the current reporting period. Refer to Appendix F for a detailed listing of bypasses that occurred during the current reporting period.

Table 1.3. Wet Weather CSO Cumulative Reduction Modeled Projection - Summary

YEAR	TYPICAL YEAR OCCURRENCES	TYPICAL YEAR VOLUME (MG)
2007	2,683	3,510
2024	193	340
2034	193	340

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

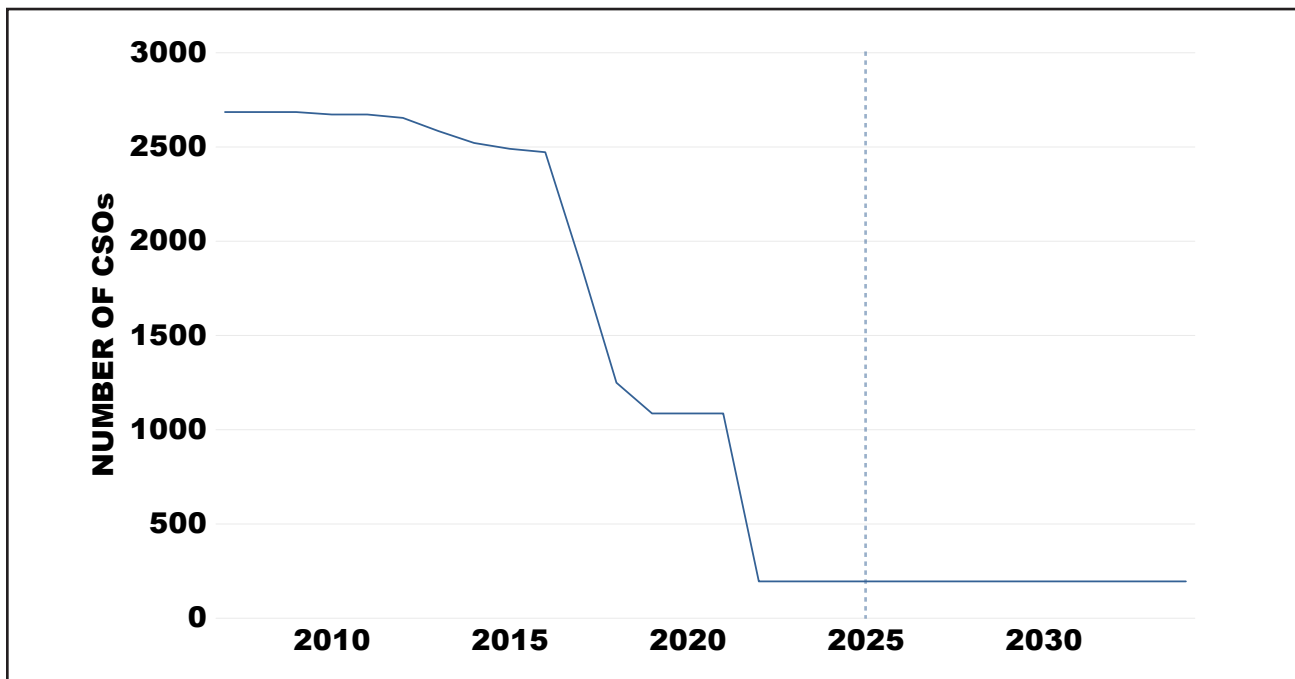
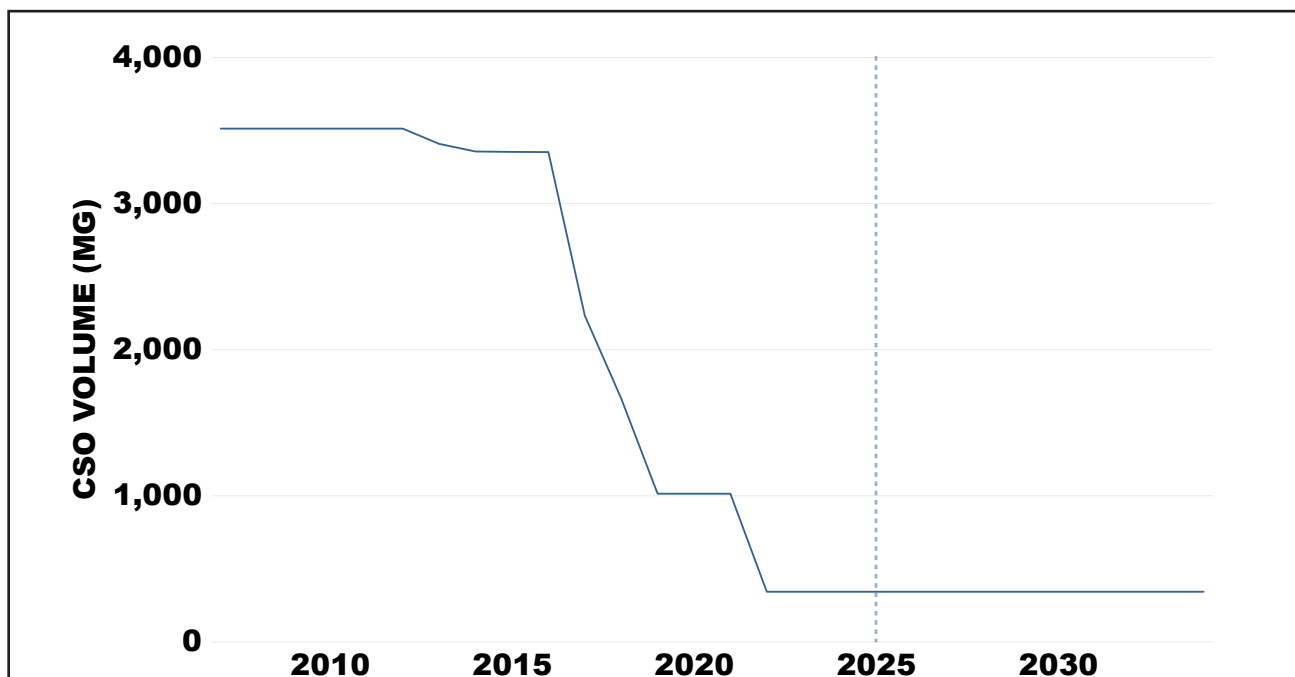


Figure 1.4. Wet Weather CSO Cumulative Reduction Modeled Projection - Volume



**SECOND AMENDED CONSENT DECREE
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Table 1.4. Wet Weather SSO Cumulative Reduction Modeled Projection - Summary

YEAR	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	21	211	48	218	75
2024	58	4	166	13	192	34
2034	0	0	137	5	178	21

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

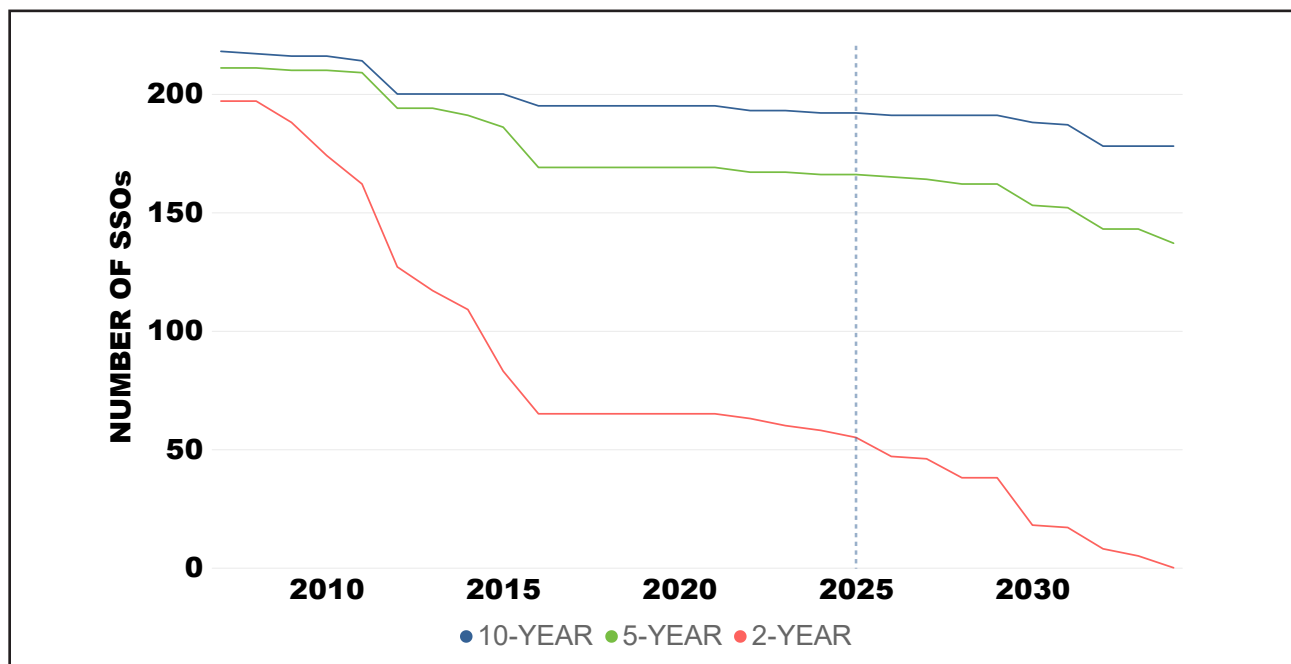


Figure 1.6. Wet Weather SSO Cumulative Reduction Modeled Projection - Volume

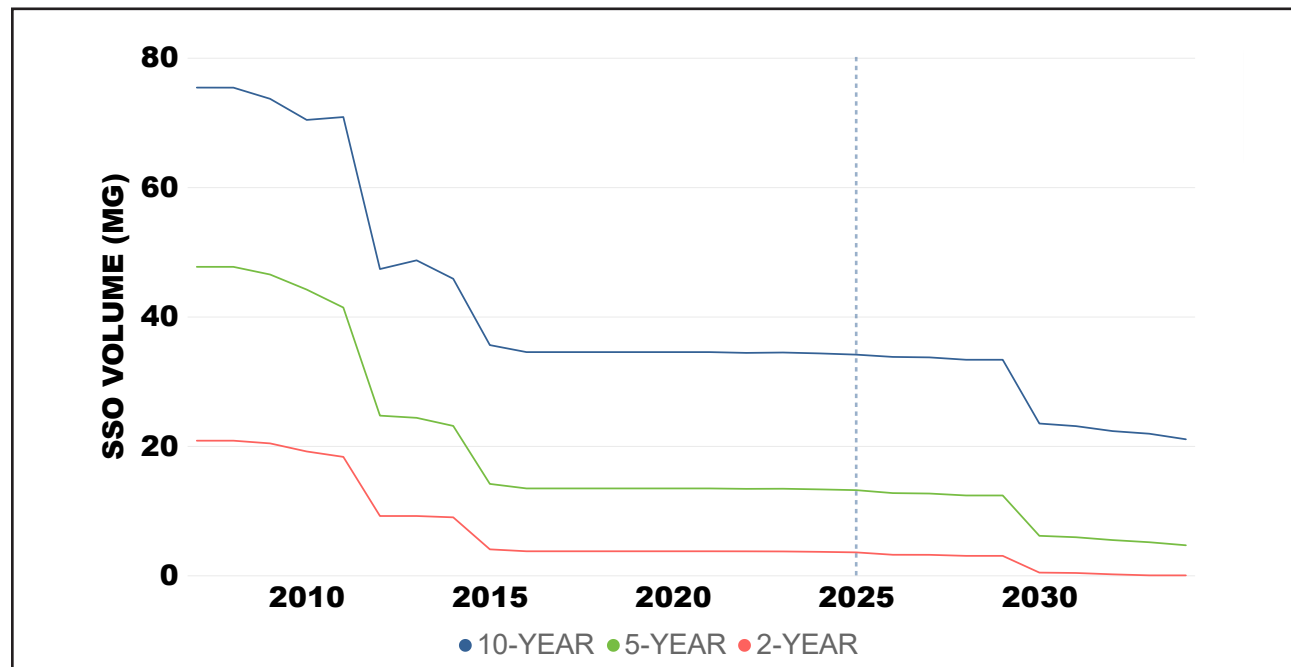


Table 1.5. Dry Weather CSO Discharge Summary

DUE TO	OCCURRENCES	VOLUME (GAL)
UTILITY DAMAGED MSD ASSET	2	158,200

Table 1.6. Dry Weather SSO Discharge Summary

DUE TO	OCCURRENCES	VOLUME (GAL)
MECHANICAL FAILURE	1	2,000
OBSTRUCTION-NOT GREASE / ROOTS	1	10
ROOTS	2	1,400

Table 1.7. Bypass Summary

DUE TO	OCCURRENCES	VOLUME (GAL)
MECHANICAL	2	19,000
STRUCTURAL	1	25,000,000

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: Program Activities for Asset Management.

2.1.1. IOAP PROGRAMMATIC CONDITIONS

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 Main Diversion limiting the number of CSO discharges. High-Rate Treatment Basins (HRTBs) and the equalizing (EQ) Basin could handle up to 160 million gallons per day (MGD) flow rate until the EQ Basin was filled (25MGD) then a sustainable 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 an issue during the warmer months, resulting in numerous complaints. The decision was made to not utilize the EQ Basin while MSD worked on development of odor control projects for the Bells Lane WWTF. 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. 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 is then diverted back to SWPS then to 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. This has benefited the operation of Bells Lane WWTF during wet

weather events, with the EQ Basin currently out of service, allowing maximization of flow through the HRTBs for treatment, and allowing for dewatering storage facilities as capacity became available at Morris Forman WQTC.

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 Project WIN website, msdprojectwin.org. Discharge locations associated with SSDP Projects can be found in Appendix G.

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 50 of the 62 SSDP projects required under the 2ACD. 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

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, msdprojectwin.org. Discharging assets associated with LTCP Projects can be found in Appendix G.

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, with additional details and Post Construction Compliance Monitoring available in the Annual Report.

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 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 2.1.

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.

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Table 2.1. 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	\$90.9M	\$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>September 8, 2023²</i>	<i>\$16.0M</i>	<i>\$12.6M</i>	<i>-\$3.4M</i>
<i>Rudd Ave Sewer Infrastructure Rehabilitation - H21019</i>	<i>September 8, 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>\$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>May 10, 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. 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. Note that progress is represented on the chart as a linear calculation of percent complete in time between preliminary design and substantial completion; however, percent complete in construction is not necessarily linear and project schedule compliance should not be inferred based on visual representation of progress.

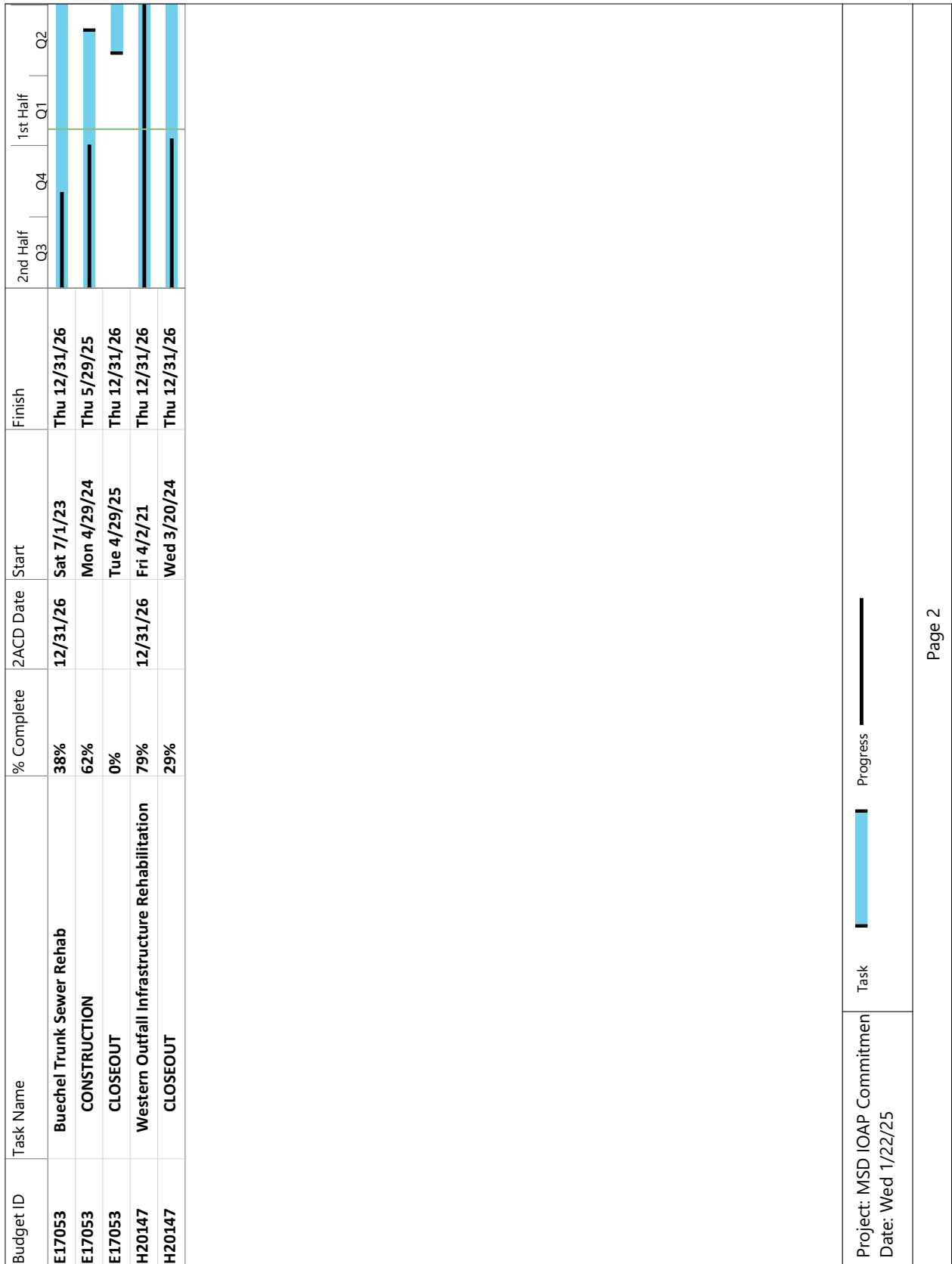
Figure 2.1. IOAP Activity Schedule

Budget ID	Task Name	% Complete	2ACD Date	Start	Finish	2nd Half			
						Q3	Q4	Q1	Q2
	MSD IOAP Commitments Schedule	64%		Mon 7/1/19	Tue 12/31/30				
	SANITARY SEWER DISCHARGE PLAN	0%		Tue 7/2/24	Tue 7/2/24				
H09164	Idlewood Inline Storage	100%	12/31/25	Mon 11/18/19	Wed 7/31/24				
H09164	CLOSEOUT	100%		Tue 7/18/23	Wed 7/31/24				
H09171	Kavanaugh Road PS Elimination	44%	12/31/27	Mon 8/1/22	Fri 12/31/27				
H09171	DESIGN	84%		Mon 11/14/22	Sun 6/1/25				
H09171	EASEMENTS/LAND ACQUISITION	0%		Wed 1/1/25	Tue 4/1/25				
H09182	Monticello PS Elimination	100%	12/31/25	Thu 9/2/21	Fri 11/29/24				
H09182	CLOSEOUT	100%		Thu 9/7/23	Fri 11/29/24				
H09186	Upper Middle Fork Pump Station, Forcemain and Interceptor	5%	12/31/30	Sat 7/1/23	Tue 12/31/30				
H09186	INITIATION & PROCUREMENT	59%		Sat 7/1/23	Tue 9/30/25				
H09196	Leven Pump Station Elimination	69%	12/31/25	Thu 9/2/21	Tue 7/14/26				
H09196	DESIGN	100%		Wed 2/2/22	Mon 10/7/24				
H09196	CONSTRUCTION	6%		Mon 12/16/24	Wed 8/13/25				
H09242	Gunpowder PS Elimination	43%	12/31/27	Fri 7/1/22	Fri 12/31/27				
H09242	DESIGN	82%		Mon 10/10/22	Mon 8/4/25				
H09242	EASEMENTS/LAND ACQUISITION	43%		Tue 10/15/24	Mon 4/14/25				
	ADDITIONAL EARLY ACTION PLAN (SRP)	0%		Tue 7/2/24	Tue 7/2/24				
D22100	Morris Forman WQTC New Biosolids Facility	41%	12/31/30	Fri 10/15/21	Tue 12/31/30				
D22100	CONSTRUCTION	25%		Mon 1/1/24	Fri 1/7/28				
F18515	Paddys Run Pump Station Capacity Improvements	55%	12/31/27	Mon 7/1/19	Sun 7/30/28				
F18515	CONSTRUCTION	46%		Tue 5/2/23	Thu 12/31/26				
	ADDITIONAL EARLY ACTION PLAN (CRITICAL SEWER)	0%		Tue 7/2/24	Tue 7/2/24				
A20244	Large Diameter Sewer Rehabilitation	100%	12/31/26	Mon 9/16/19	Thu 12/31/26				
A20244	CLOSEOUT	100%		Sun 6/30/24	Thu 12/31/26				
Project: MSD IOAP Commitmen		Task		Progress					
Date: Wed 1/22/25									
Page 1									

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Figure 2.1. IOAP Activity Schedule



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SECTION 3: PROGRAM ACTIVITIES FOR NINE MINIMUM CONTROLS

Per Paragraph 37.a. of the 2ACD, the Nine Minimum Controls (NMC) Compliance Report was approved by the EPA/KEEC on February 22, 2007. The approved document can be viewed on the MSD Project WIN website, msdprojectwin.org. A full update of activities under the NMC Program during the reporting period will be given in the Annual Report.

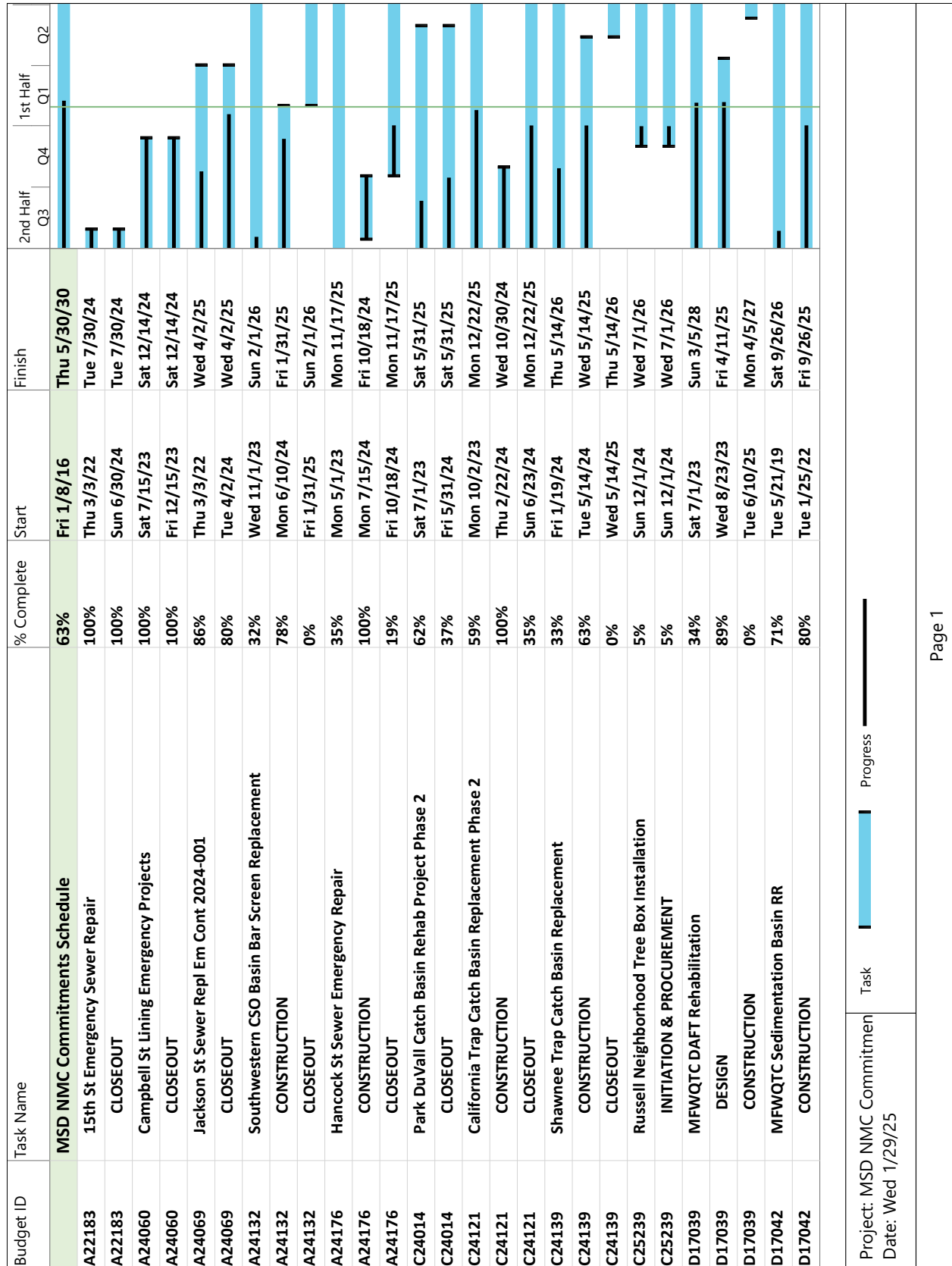
3.1. MORRIS FORMAN WQTC PERFORMANCE

Charts that compare plant flow at the Morris Forman WQTC with the occurrence of CSOs at the Main Diversion Structure and the Southwestern Pump Station are included in Appendix H. As described in Appendix B, reporting for CSO015 and CSO191 have been merged to align with their combined outfall point. In Appendix H, overflows at CSO191 are included in the CSO occurrence reporting for CSO015.

3.2. NMC ACTIVITY SCHEDULE

A Gantt chart including progress of NMC projects during the reporting period can be found in Figure 3.1.

Figure 3.1. NMC Activity Schedule



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Figure 3.1. NMC Activity Schedule

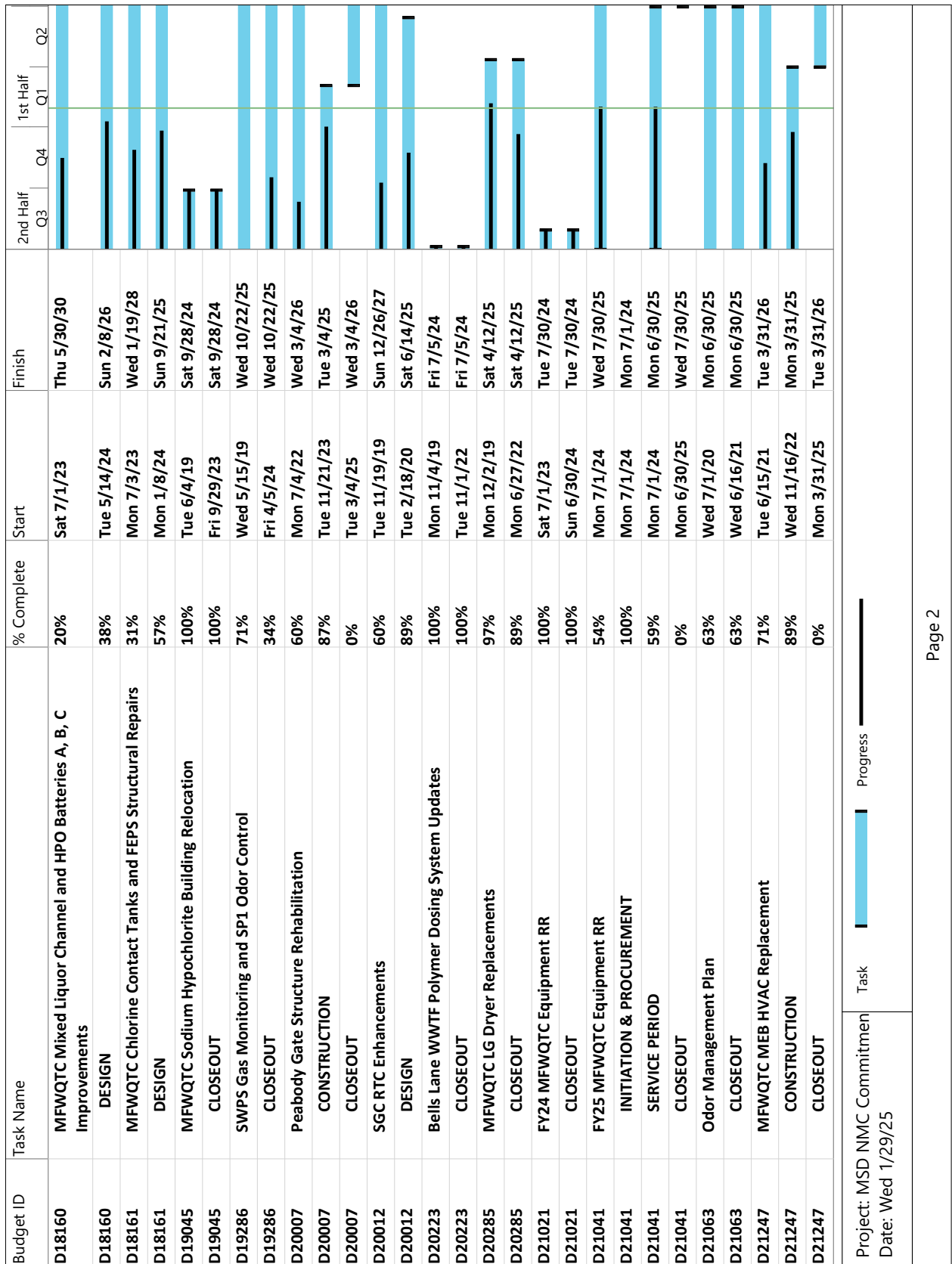


Figure 3.1. NMC Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish	2nd Half Q3		1st Half Q1		Q2
D22122	MFWQTC MEB Boiler Replacement	71%	Wed 12/1/21	Wed 12/31/25					
D22122	CONSTRUCTION PERIOD	100%	Mon 8/1/22	Tue 12/31/24					
D22122	CLOSEOUT	0%	Tue 12/31/24	Wed 12/31/25					
D22186	MFWQTC Computer Room Upgrades	75%	Thu 3/31/22	Fri 10/31/25					
D22186	CONSTRUCTION	100%	Thu 5/4/23	Tue 10/1/24					
D22186	CLOSEOUT	31%	Tue 10/1/24	Fri 10/31/25					
D23194	MFWQTC Emergency Elevator Project	86%	Mon 5/1/23	Fri 5/30/25					
D23194	CONSTRUCTION	91%	Mon 5/1/23	Fri 2/28/25					
D23194	CLOSEOUT	0%	Fri 2/28/25	Fri 5/30/25					
D24104	MFWQTC Secondary Load Centers Replacement	27%	Fri 9/1/23	Thu 5/30/30					
D24104	DESIGN	100%	Tue 1/2/24	Thu 8/1/24					
D24104	CONSTRUCTION	15%	Tue 10/1/24	Sat 5/23/26					
D24143	MFWQTC DAFT Nos 1-8 Emergency Repairs	69%	Thu 1/18/24	Sat 6/28/25					
D24143	CLOSEOUT	59%	Wed 5/15/24	Sat 6/28/25					
D24149	MFWQTC Digester Gas Hydrogen Sulfide Removal	15%	Thu 1/4/24	Tue 6/15/27					
D24149	DESIGN	100%	Tue 4/30/24	Thu 8/15/24					
D24149	CONSTRUCTION	10%	Mon 11/4/24	Mon 6/15/26					
D24169	Collection System Foul Air Extraction Study	85%	Mon 3/4/24	Fri 2/28/25					
D24169	STUDY PERIOD	100%	Tue 3/5/24	Sat 11/30/24					
D24169	CLOSEOUT	59%	Mon 9/30/24	Fri 2/28/25					
D24170	Clay Street Emergency Sewer Repair	70%	Fri 3/15/24	Thu 5/15/25					
D24170	CLOSEOUT	66%	Wed 5/15/24	Thu 5/15/25					
D24187	North Galt Avenue Sewer Replacement	20%	Mon 7/1/24	Sun 3/7/27					
D24187	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24					
D24187	DESIGN	48%	Wed 7/10/24	Tue 8/5/25					
Project: MSD NMC Commitmen		Task	Progress						
Date: Wed 1/29/25									
Page 3									

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Figure 3.1. NMC Activity Schedule

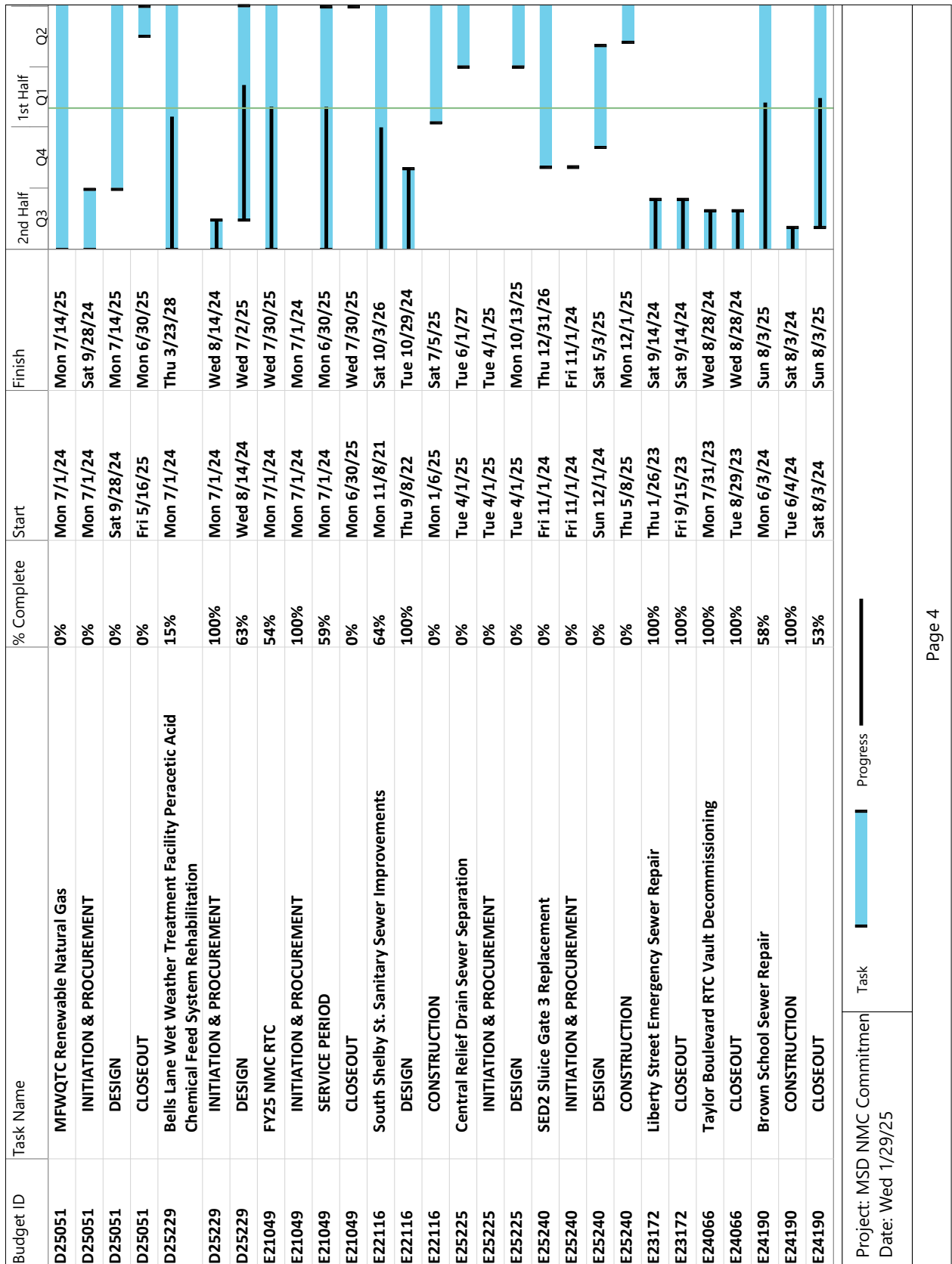


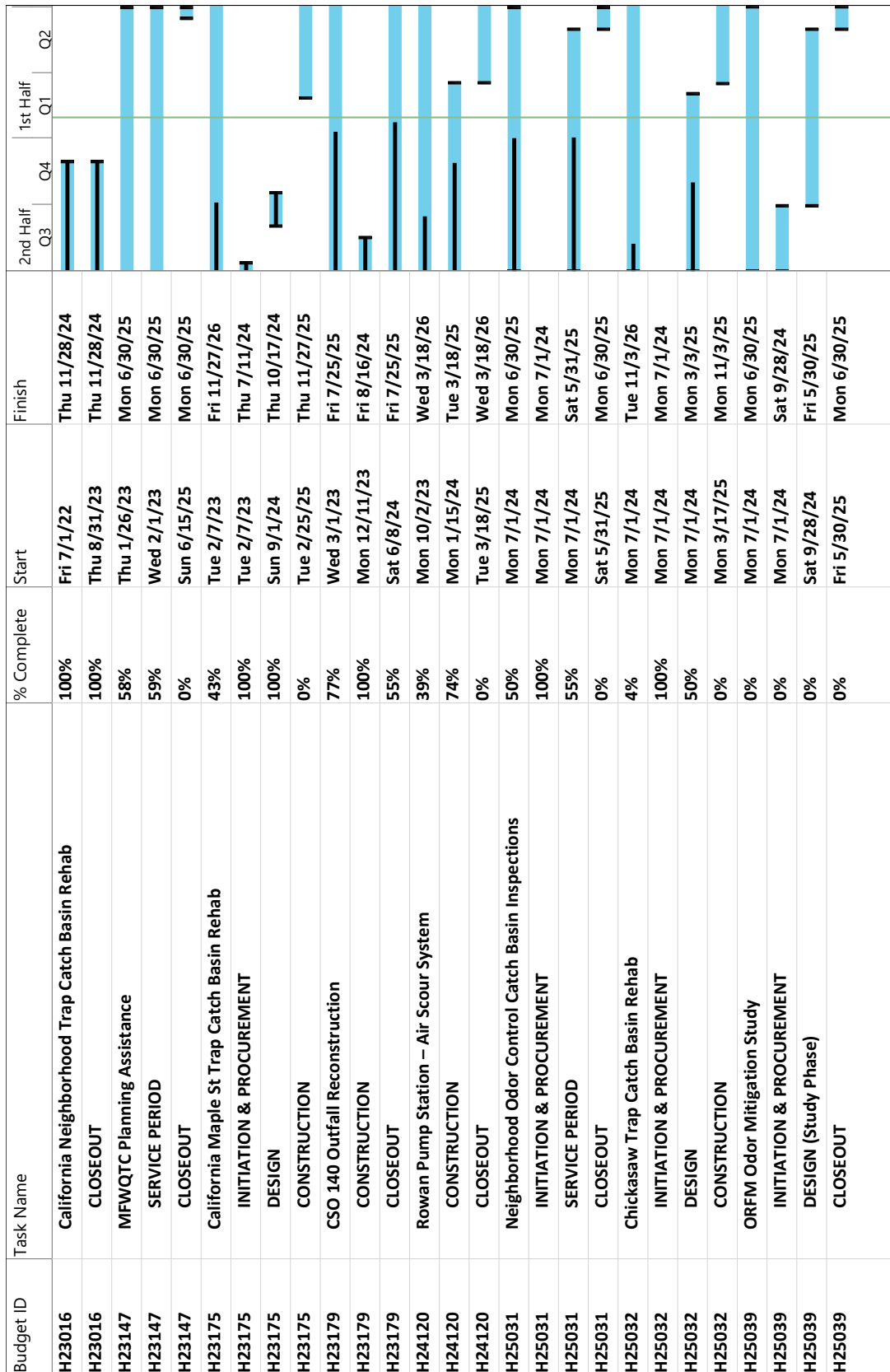
Figure 3.1. NMC Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish	2nd Half Q3	1st Half Q1	Q2
E25065	Inflatable Dam Replacement - SWOR2, MDS, Sneads Branch	0%	Mon 7/1/24	Sun 5/16/27			
E25065	INITIATION & PROCUREMENT	0%	Mon 7/1/24	Sat 9/28/24			
E25065	DESIGN	0%	Sun 6/1/25	Sun 12/14/25			
E25116	Belle of Louisville Force Main Replacement	11%	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	0%	Thu 12/19/24	Fri 12/19/25			
F15010	Gate 102 Replacement	99%	Fri 1/8/16	Wed 12/18/24			
F15010	CLOSEOUT	99%	Sun 11/19/23	Wed 12/18/24			
F22210	Gate 30 Replacement	94%	Fri 7/1/22	Fri 2/28/25			
F22210	CLOSEOUT	86%	Tue 1/30/24	Fri 2/28/25			
F23052	Flood Gate 114 Replacement	46%	Mon 10/3/22	Tue 3/2/27			
F23052	DESIGN	100%	Fri 6/30/23	Tue 8/27/24			
F23052	CONSTRUCTION	0%	Mon 1/6/25	Mon 3/2/26			
F24062	Starkey PS Hydraulic Actuator Replacement	46%	Sat 7/15/23	Sat 2/28/26			
F24062	CONSTRUCTION	78%	Tue 1/2/24	Fri 2/28/25			
F24062	CLOSEOUT	0%	Fri 2/28/25	Sat 2/28/26			
F24136	Southwestern Basin Emergency Cleaning	72%	Thu 1/4/24	Thu 5/29/25			
F24136	CLOSEOUT	62%	Wed 5/29/24	Thu 5/29/25			
H22014	MFWQTC Groundwater Dewatering System Automation	79%	Thu 6/3/21	Fri 6/20/25			
H22014	CLOSEOUT	53%	Wed 5/15/24	Fri 6/20/25			
H22022	SGC Gate Replacements	68%	Thu 7/1/21	Tue 1/27/26			
H22022	CONSTRUCTION	92%	Thu 7/8/21	Fri 2/28/25			
H22022	CLOSEOUT	15%	Thu 10/31/24	Tue 1/27/26			
H22038	Sneads Branch Pump Replacement	72%	Tue 9/7/21	Tue 1/20/26			
H22038	CONSTRUCTION	98%	Tue 7/26/22	Mon 1/20/25			
H22038	CLOSEOUT	0%	Mon 1/20/25	Tue 1/20/26			
Project: MSD NMC Commitmen		Task					
Date: Wed 1/29/25		Progress					

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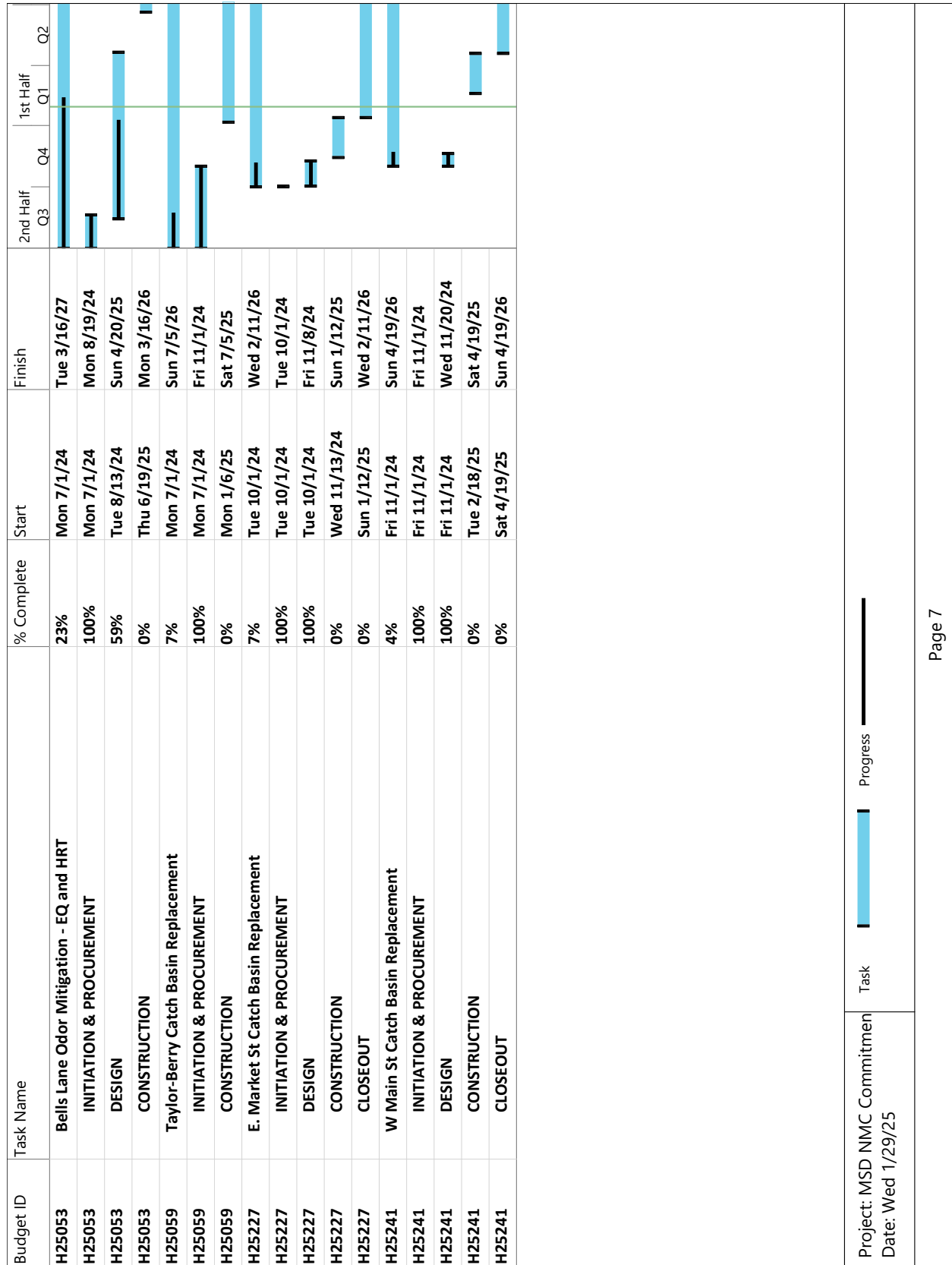
Figure 3.1. NMC Activity Schedule



Project: MSD NMC Commitmen
Date: Wed 1/29/25

Task Progress

Figure 3.1. NMC Activity Schedule



SECTION 4: PROGRAM ACTIVITIES FOR CAPACITY MANAGEMENT, OPERATIONS AND MAINTENANCE (CMOM)

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 Project WIN website, msdprojectwin.org. A full update of activities under the CMOM Program during the reporting period will be given in the Annual Report.

4.1. CMOM ACTIVITY SCHEDULE

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

Figure 4.1. CMOM Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish	2nd Half Q3	Q4	1st Half Q1	Q2
	MSD CMOM Commitments Schedule	61%	Mon 11/2/15	Wed 3/2/33				
A23211	Concrete Repairs at DRG Dewatering Bldg	86%	Thu 6/1/23	Mon 3/31/25				
A23211	CLOSEOUT	77%	Sun 3/31/24	Mon 3/31/25				
A24044	Private Property Illicit Discharge Program	100%	Sat 7/1/23	Tue 7/30/24				
A24044	CLOSEOUT	100%	Fri 5/31/24	Tue 7/30/24				
A24068	FY24 PSC Program Support	100%	Sat 7/1/23	Tue 7/30/24				
A24068	CLOSEOUT	100%	Sun 6/30/24	Tue 7/30/24				
A24133	West Goose Creek PS Rehabilitation	42%	Mon 11/27/23	Sun 5/31/26				
A24133	CONSTRUCTION	69%	Thu 2/1/24	Sat 5/31/25				
A24133	CLOSEOUT	0%	Sat 5/31/25	Sun 5/31/26				
A25101	FY25 PSC Program Support	54%	Mon 7/1/24	Wed 7/30/25				
A25101	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24				
A25101	SERVICE PERIOD	59%	Mon 7/1/24	Mon 6/30/25				
A25101	CLOSEOUT	0%	Mon 6/30/25	Wed 7/30/25				
A25271	Beulah Crossings Excess Cost	0%	Tue 11/26/24	Fri 1/1/27				
A25271	INITIATION & PROCUREMENT	0%	Tue 11/26/24	Wed 1/1/25				
A25271	DESIGN	0%	Wed 1/1/25	Mon 1/6/25				
A25271	CONSTRUCTION	0%	Mon 1/6/25	Thu 1/1/26				
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	41%	Thu 12/1/22	Sun 10/17/27				
D18090	DESIGN	100%	Tue 5/9/23	Tue 12/10/24				
D18090	CONSTRUCTION	0%	Fri 2/7/25	Fri 6/19/26				
D18132	DRGWQTC WWPS & WWSB Rehabilitation	54%	Wed 9/1/21	Thu 7/15/27				
D18132	CONSTRUCTION	61%	Sat 6/17/23	Wed 12/31/25				
Project: MSD CMOM Commitm		Task	Progress					
Date: Wed 1/29/25								
Page 1								

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Figure 4.1. CMOM Activity Schedule

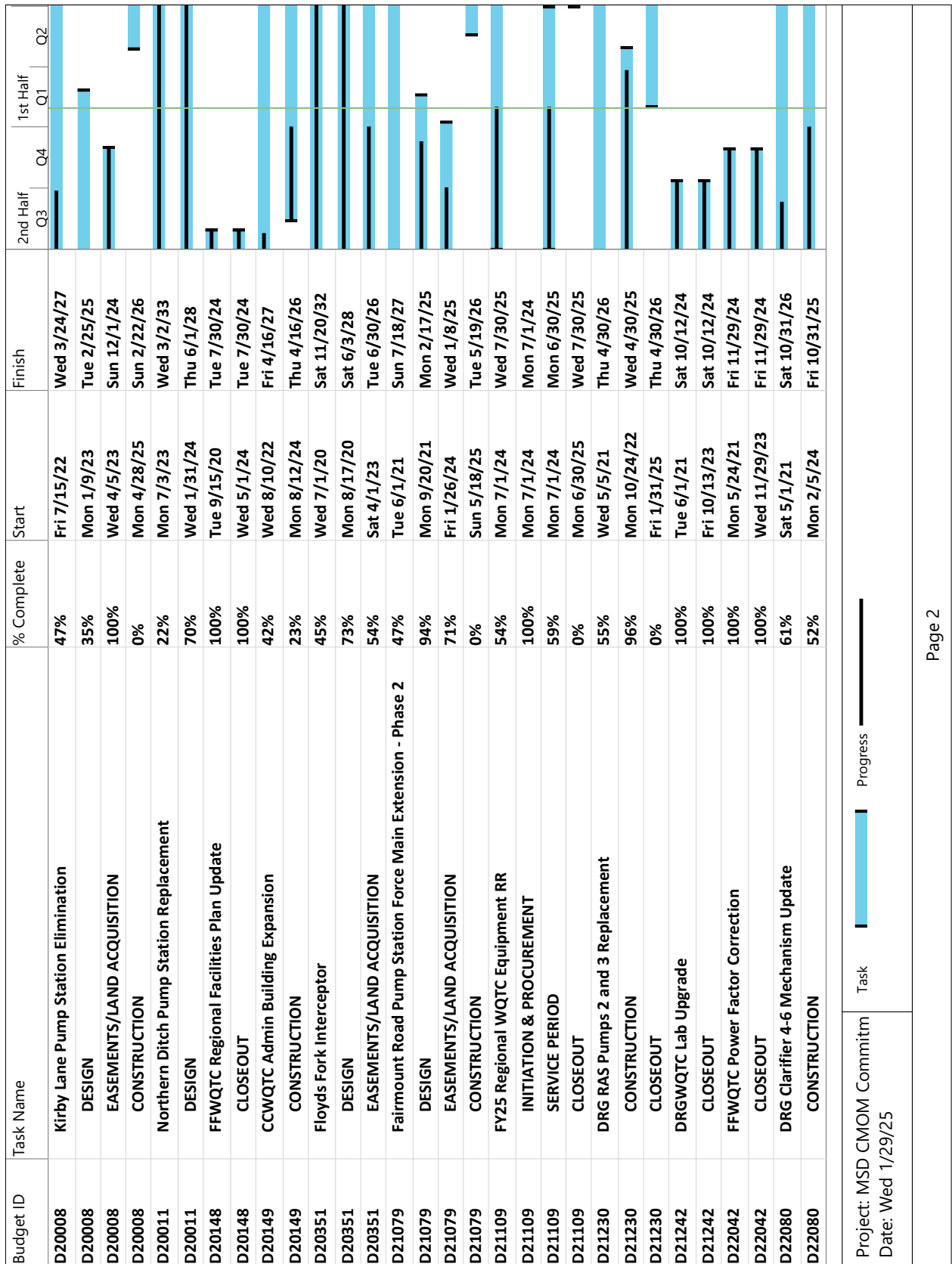
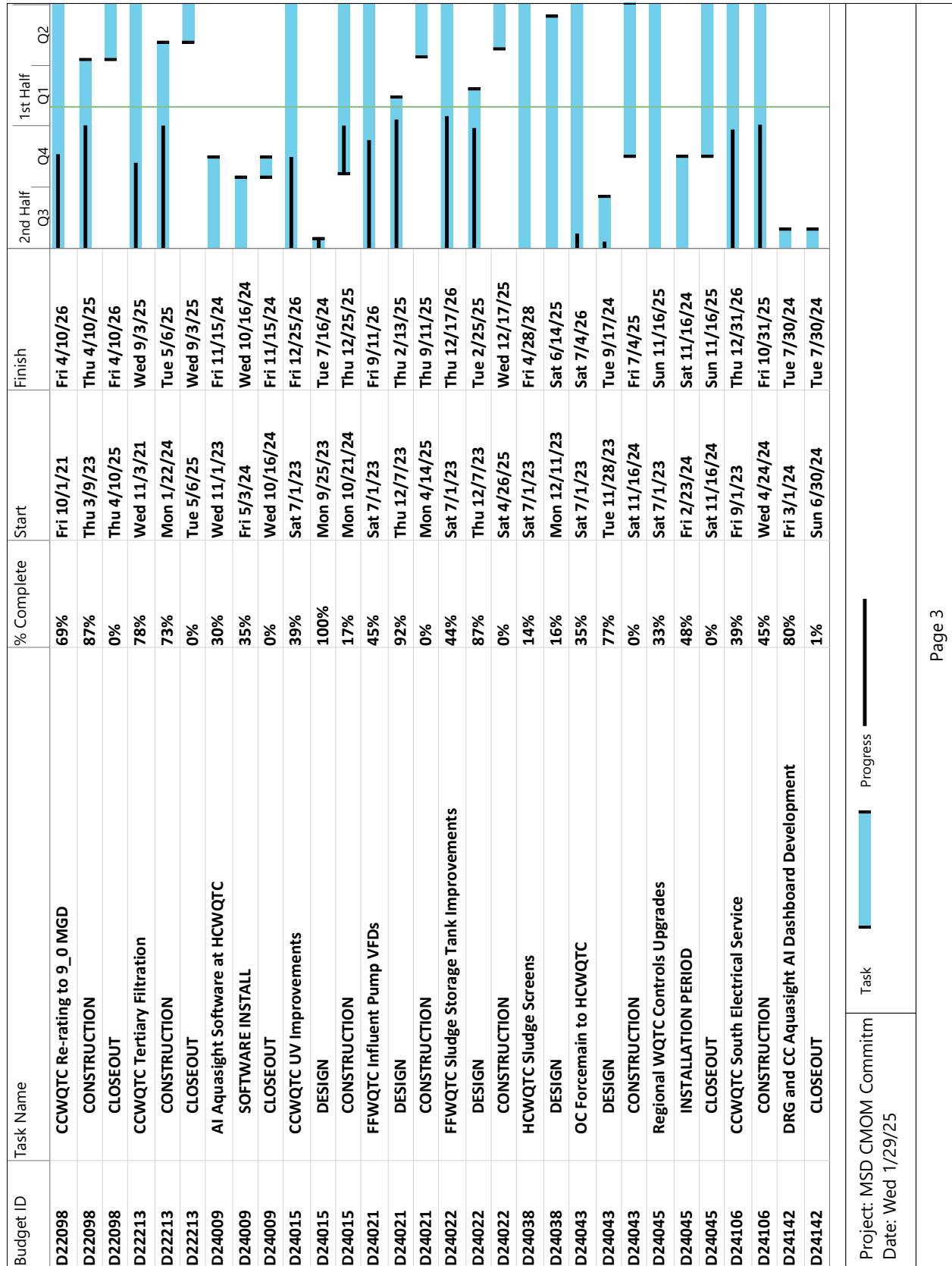


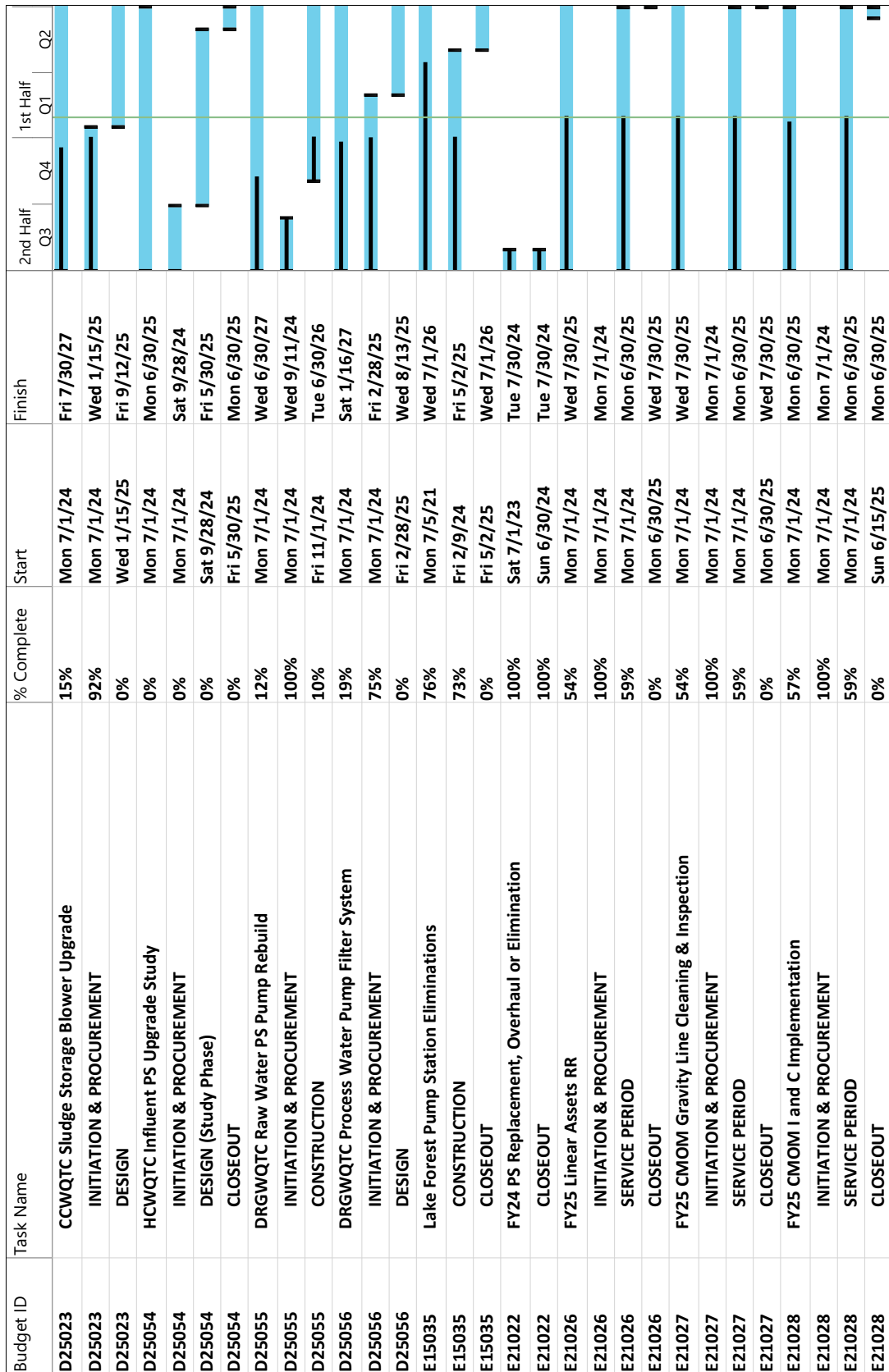
Figure 4.1. CMOM Activity Schedule



SECOND AMENDED CONSENT DECREE
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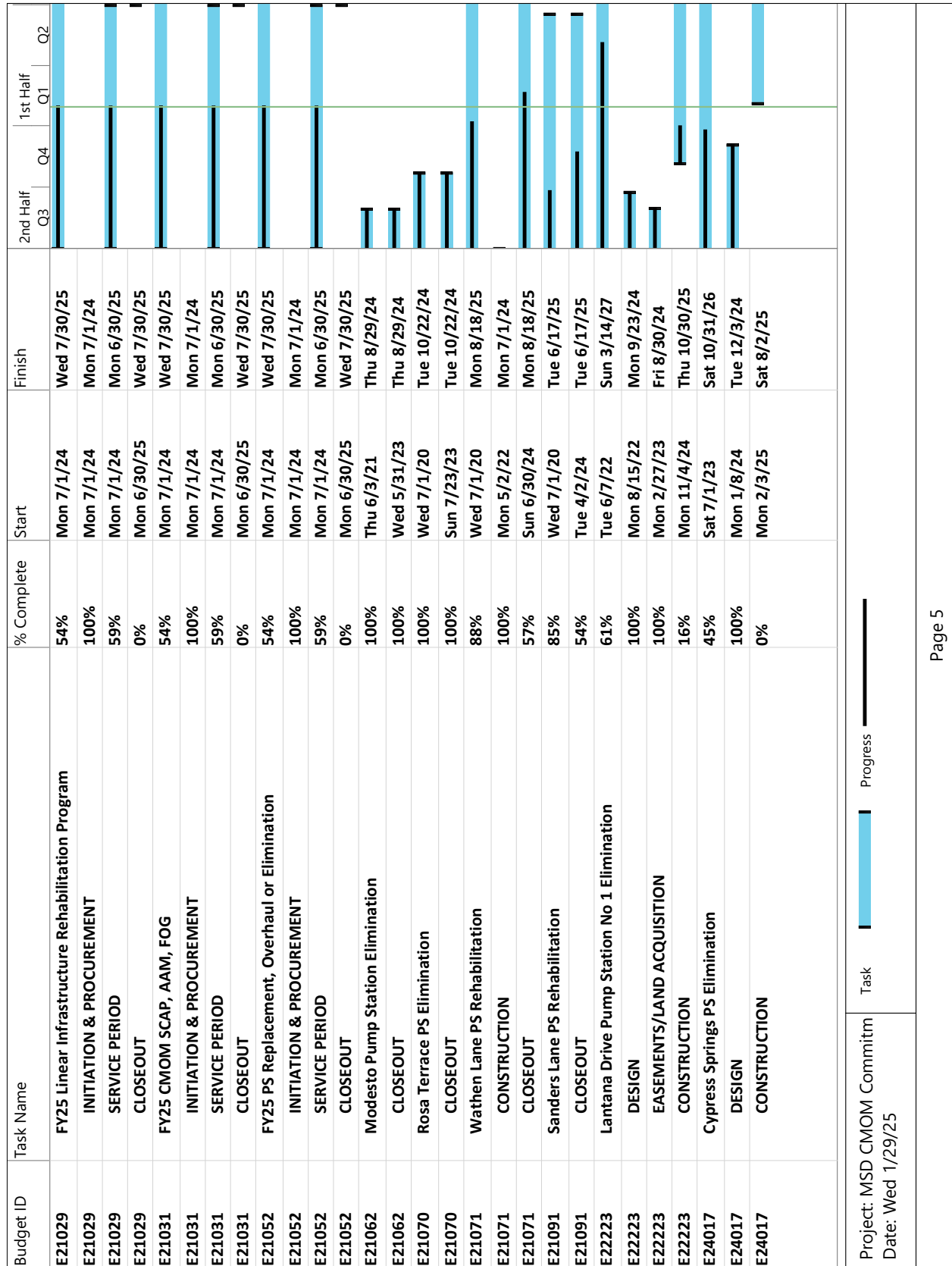
Figure 4.1. CMOM Activity Schedule



Project: MSD CMOM Commitm Task Progress

Date: Wed 1/29/25

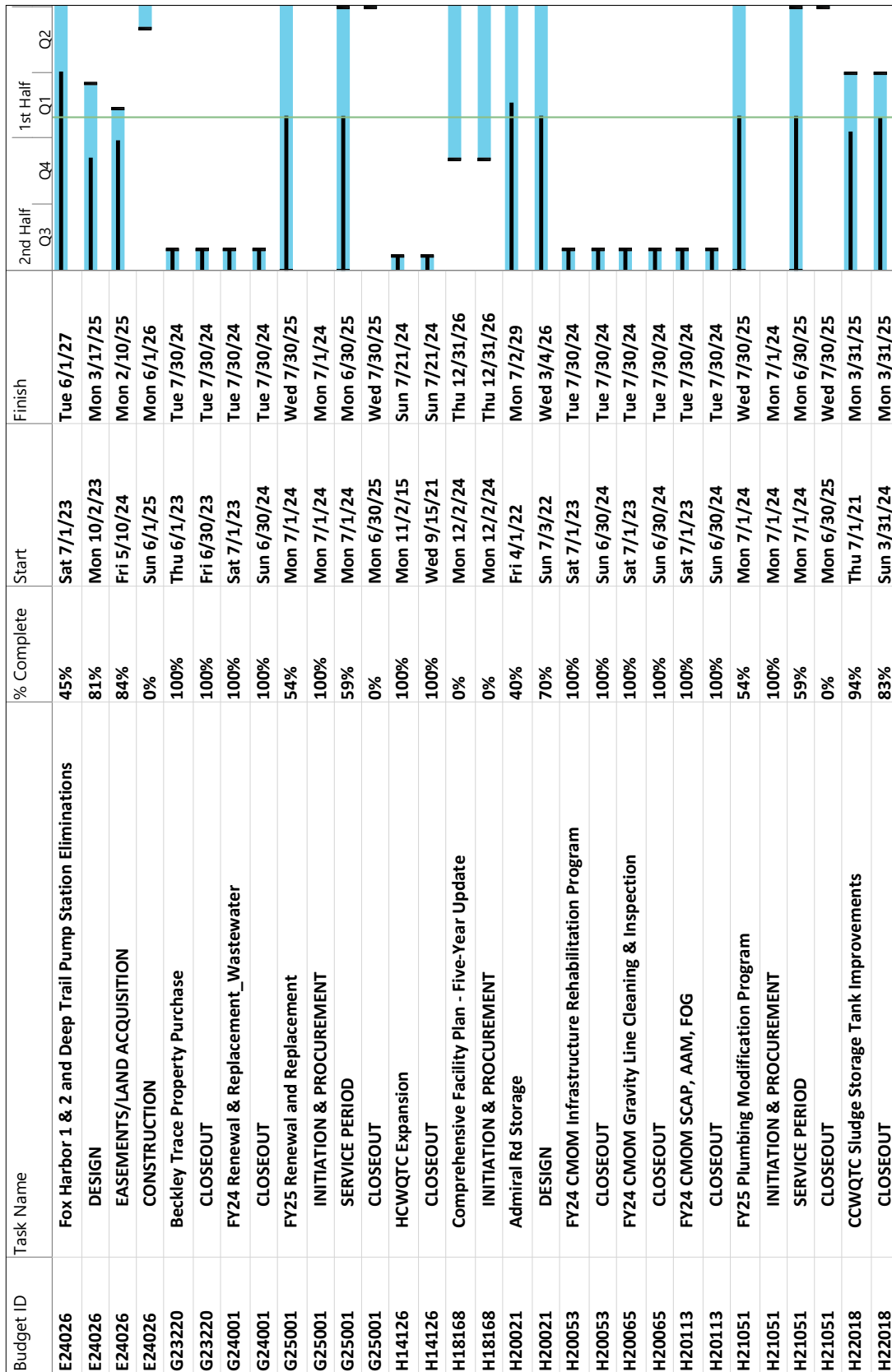
Figure 4.1. CMOM Activity Schedule



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Figure 4.1. CMOM Activity Schedule



Project: MSD CMOM Commitm Date: Wed 1/29/25

Task Progress

Figure 4.1. CMOM Activity Schedule

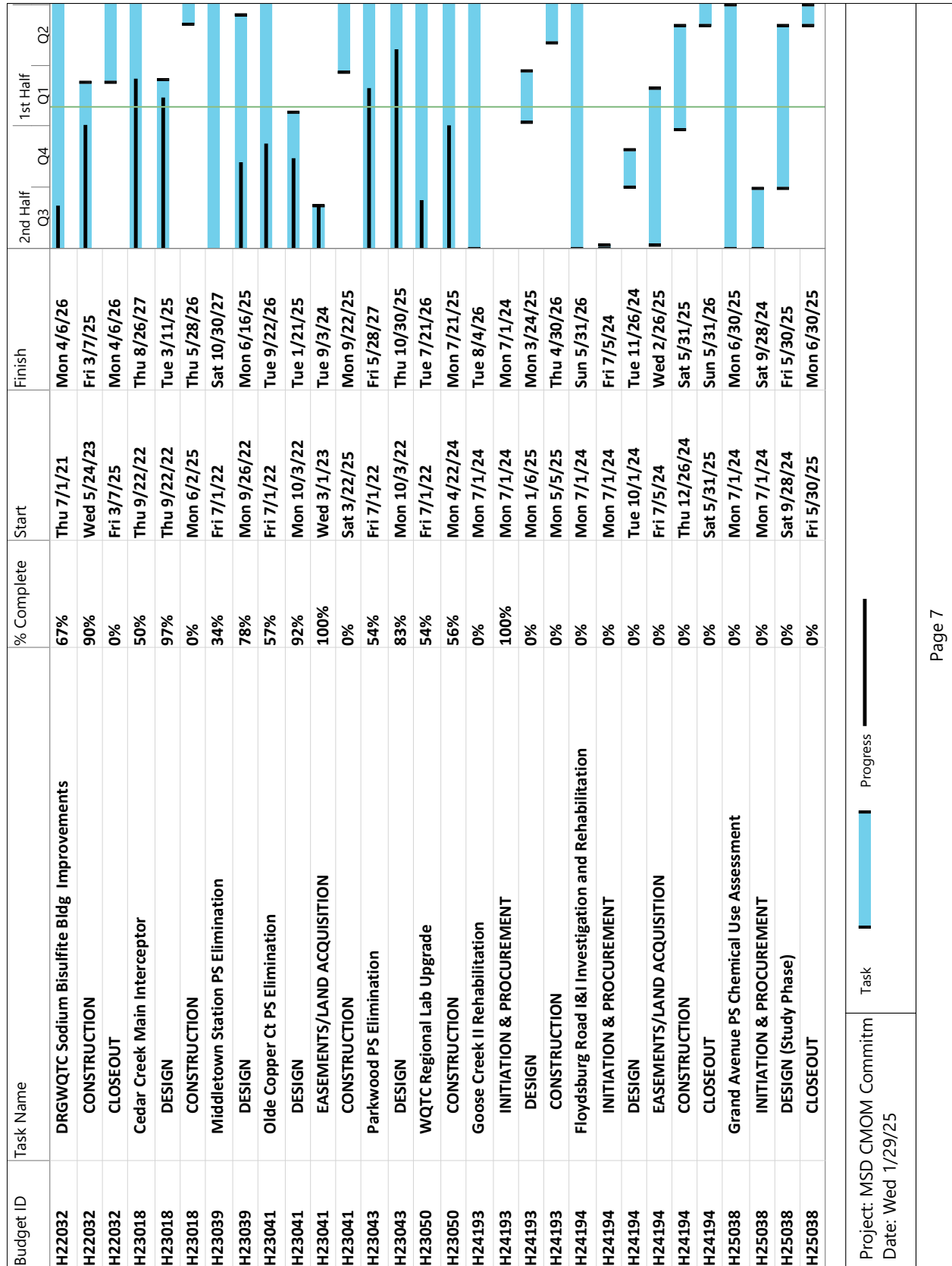


Figure 4.1. CMOM Activity Schedule

Budget ID	Task Name	% Complete	Start	Finish	1st Half			
					Q3	Q4	Q1	Q2
H25083	Starkey PS Odor Mitigation Chemical Use Assessment	8%	Mon 7/1/24	Mon 8/2/27				
H25083	INITIATION & PROCUREMENT	59%	Mon 7/1/24	Sat 11/30/24				
H25083	DESIGN	0%	Sat 11/30/24	Mon 10/27/25				

Project: MSD CMOM Commitm

Date: Wed 1/29/25

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. The document is updated annually as discussed in Section 5.1. The approved document can be viewed on the MSD Project WIN website, msdprojectwin.org. A full update of activities under the SORP Program during the reporting period will be given in the Annual Report.

5.1. SORP MANUAL UPDATE

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 proposed updated SORP manual is transmitted to regulators under separate cover. Upon this annual review, no changes to procedures are proposed. As part of ongoing maintenance of the report, appendices related to system characterization, organizational structure, documented and suspected overflows, and wet weather inspection routes were updated. The latest SORP manual is available on MSD's Project WIN website, msdprojectwin.org.

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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. A full update of activities related to public outreach, education, notification, and participation during the reporting period will be given in the annual report.

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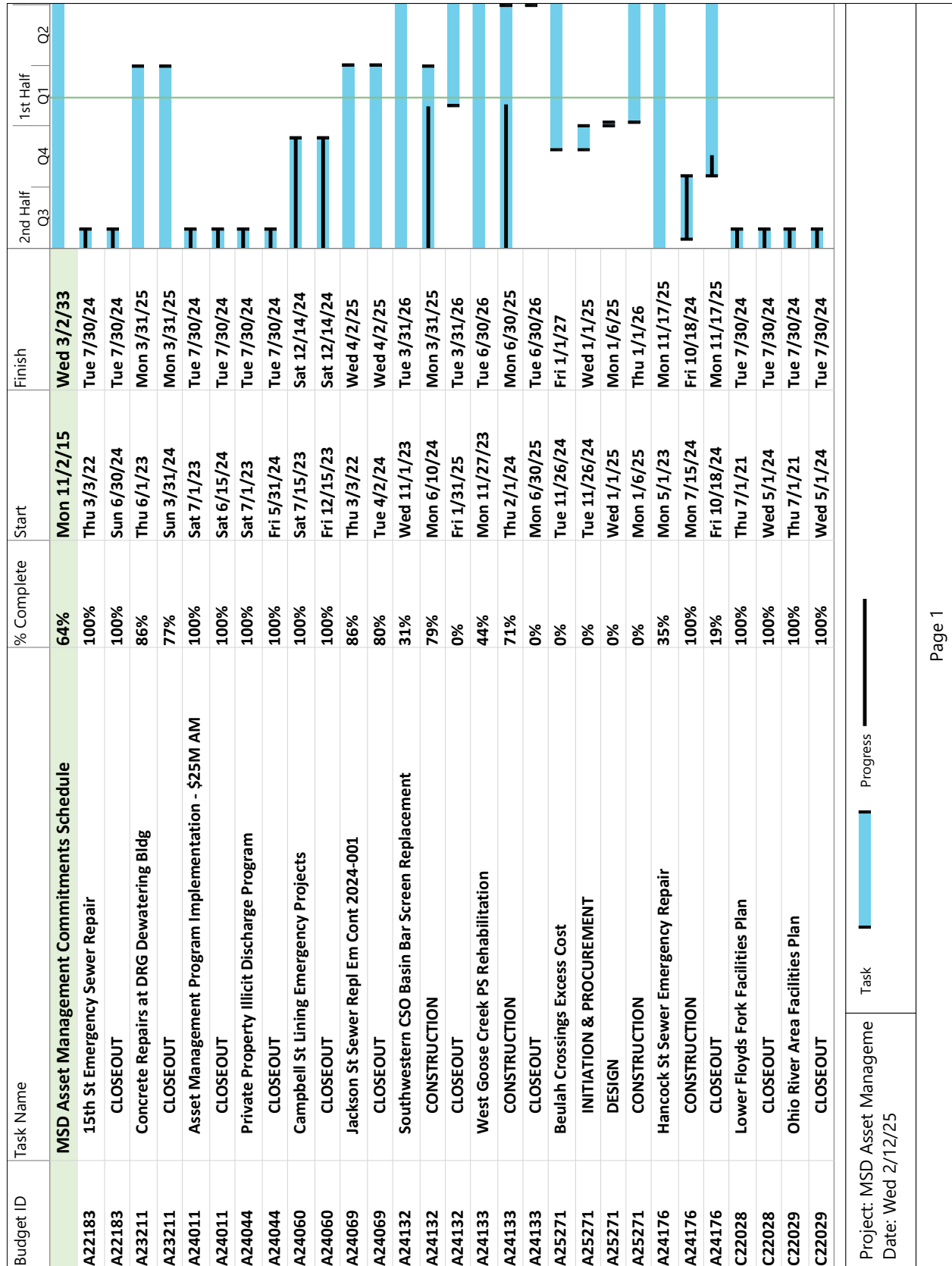
SECTION 7: PROGRAM ACTIVITIES FOR ASSET MANAGEMENT

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. A full update of AM program implementation during the reporting period will be given in the Annual Report.

7.1. AM ACTIVITY SCHEDULE

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

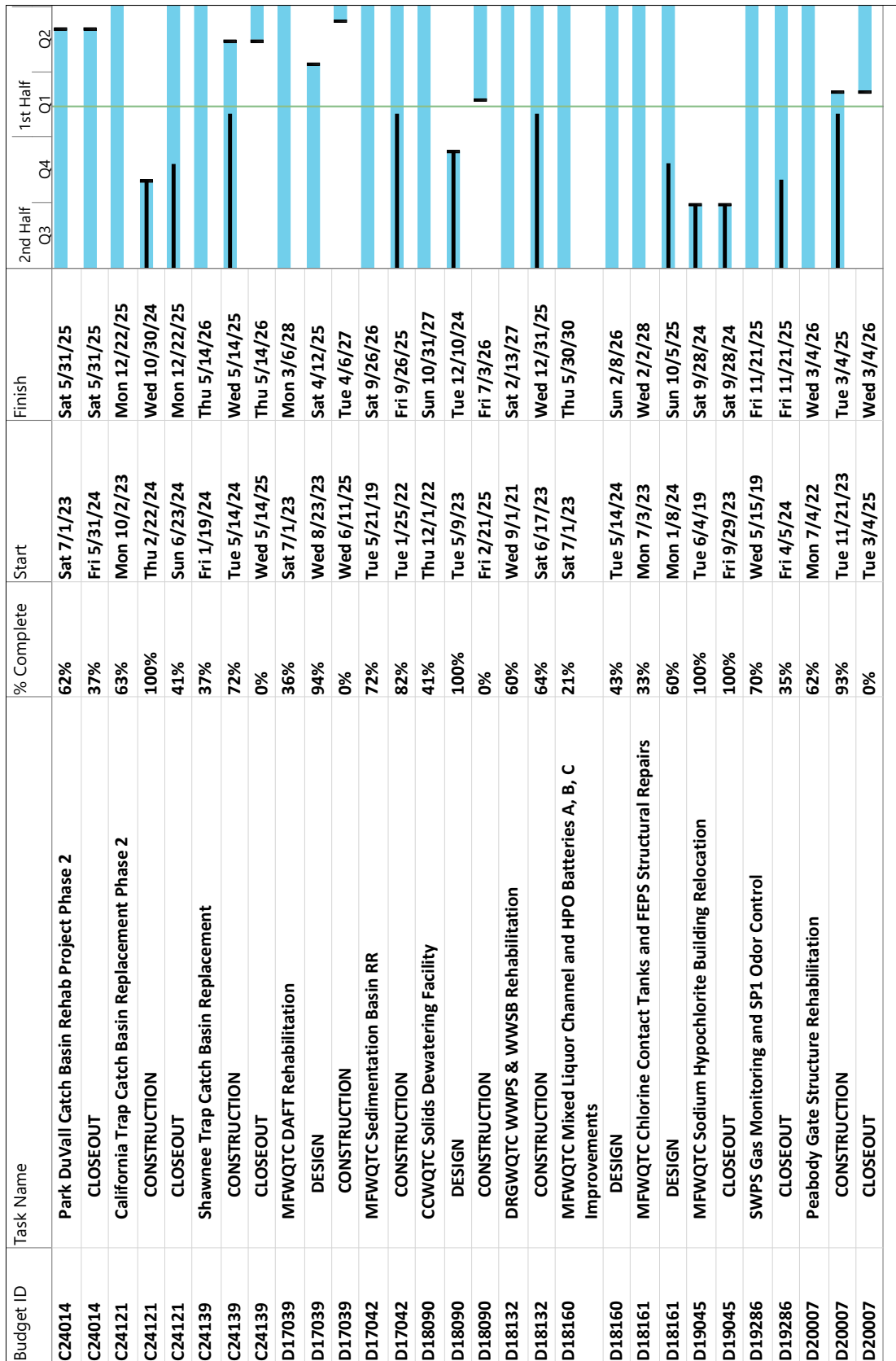
Figure 7.1. Asset Management Schedule



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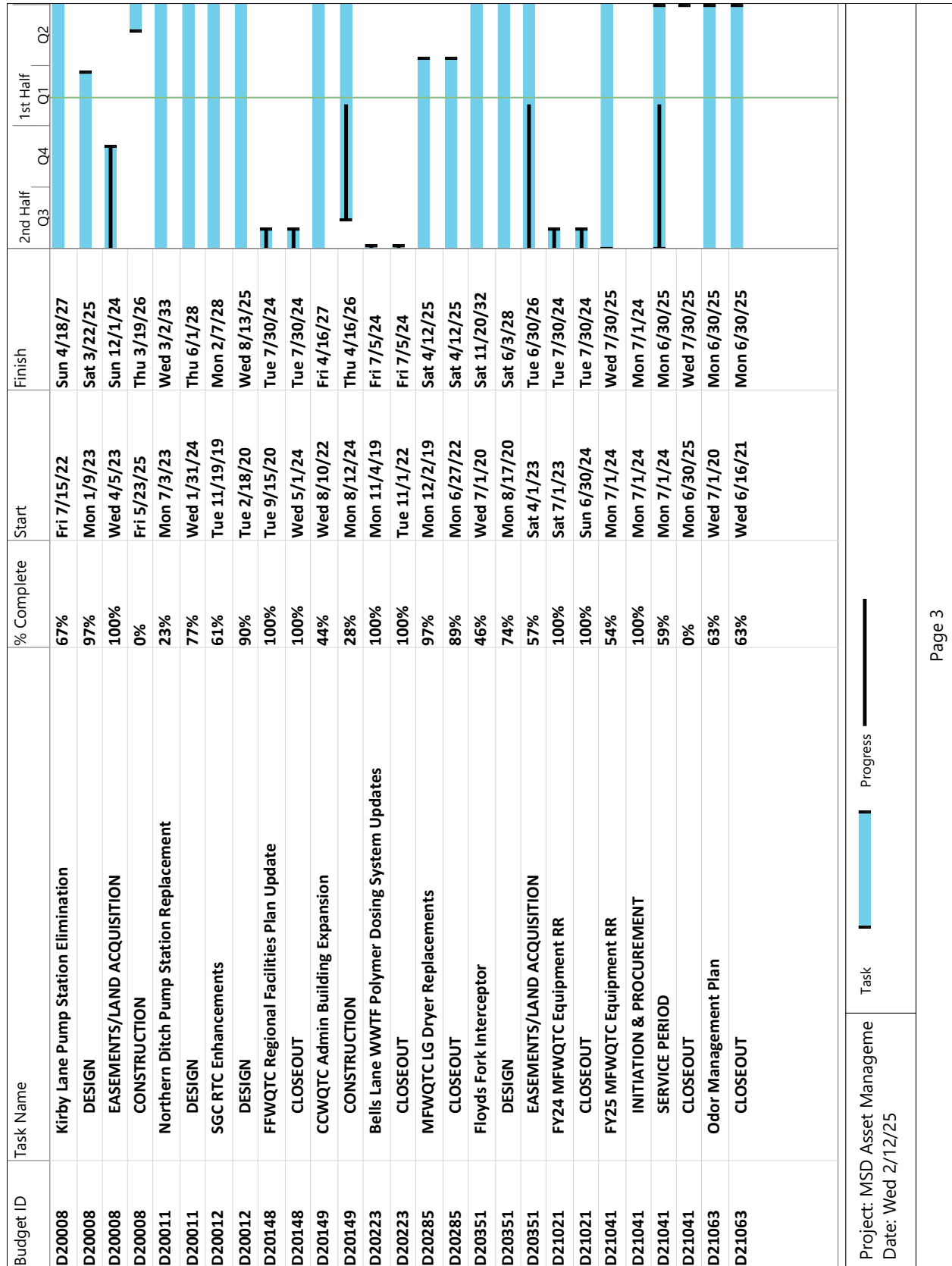
Figure 7.1. Asset Management Schedule



Project: MSD Asset Management
Date: Wed 2/12/25

Task Progress

Figure 7.1. Asset Management Schedule



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Figure 7.1. Asset Management Schedule

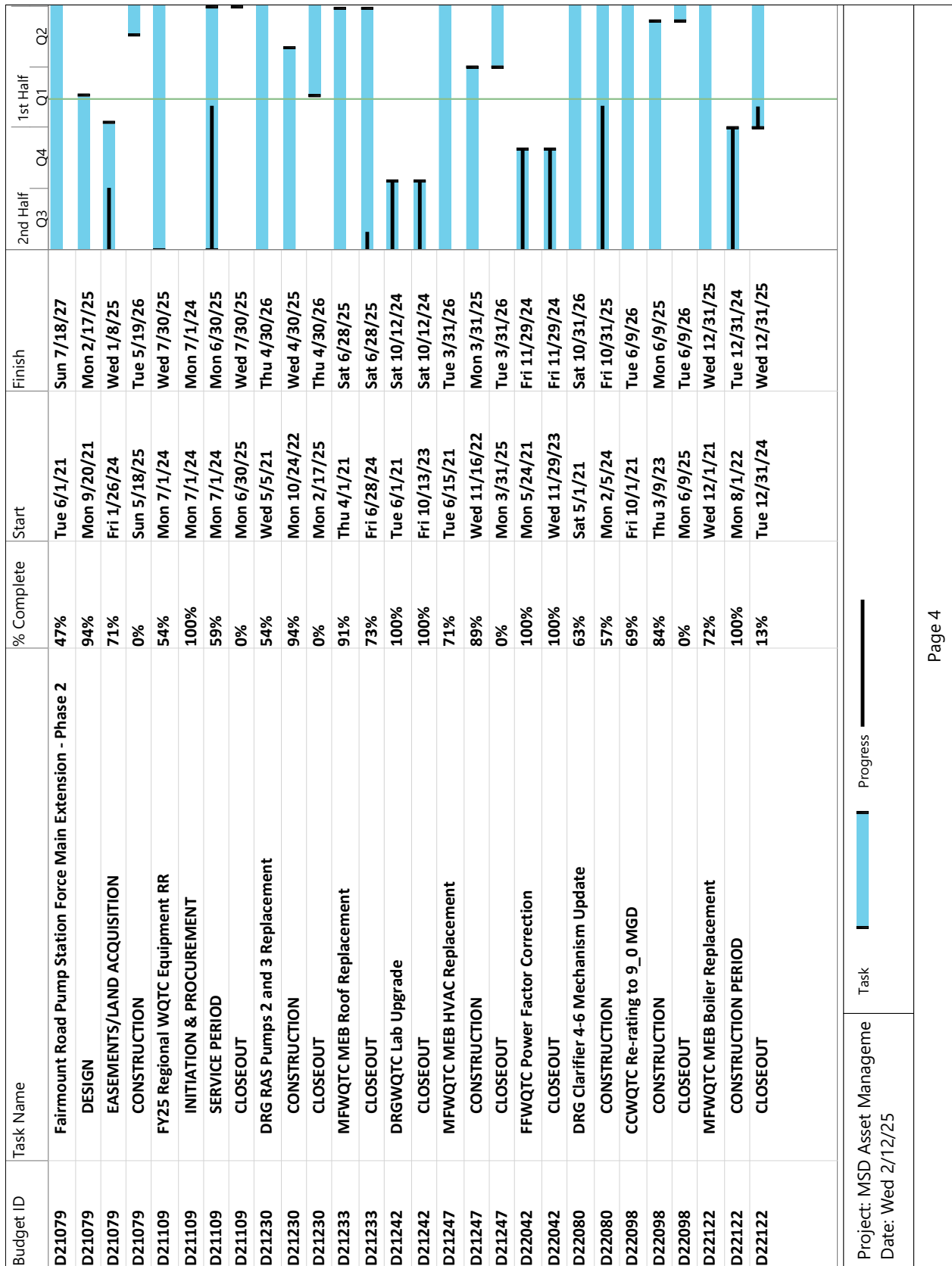
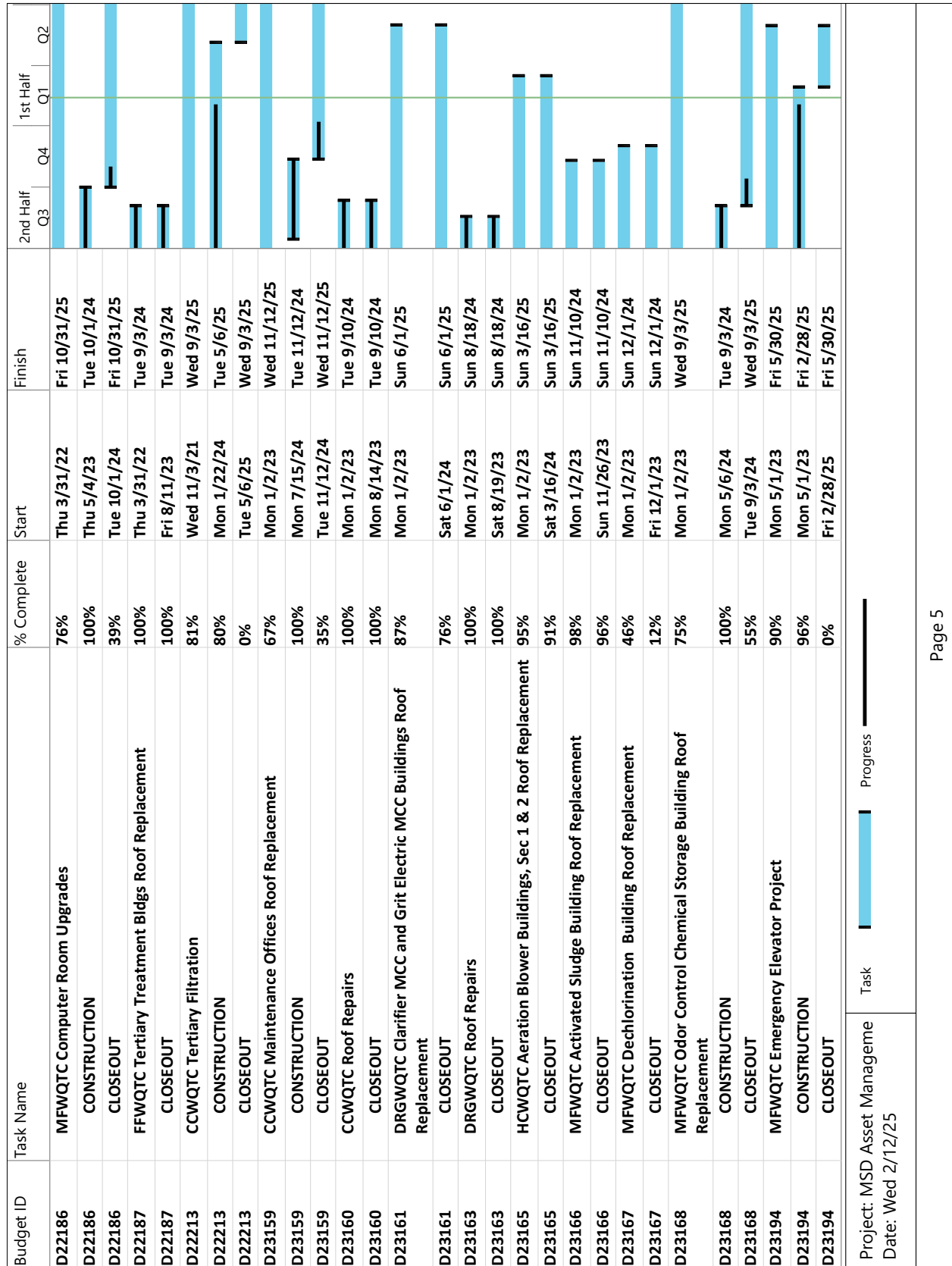


Figure 7.1. Asset Management Schedule



SECOND AMENDED CONSENT DECREE
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Figure 7.1. Asset Management Schedule

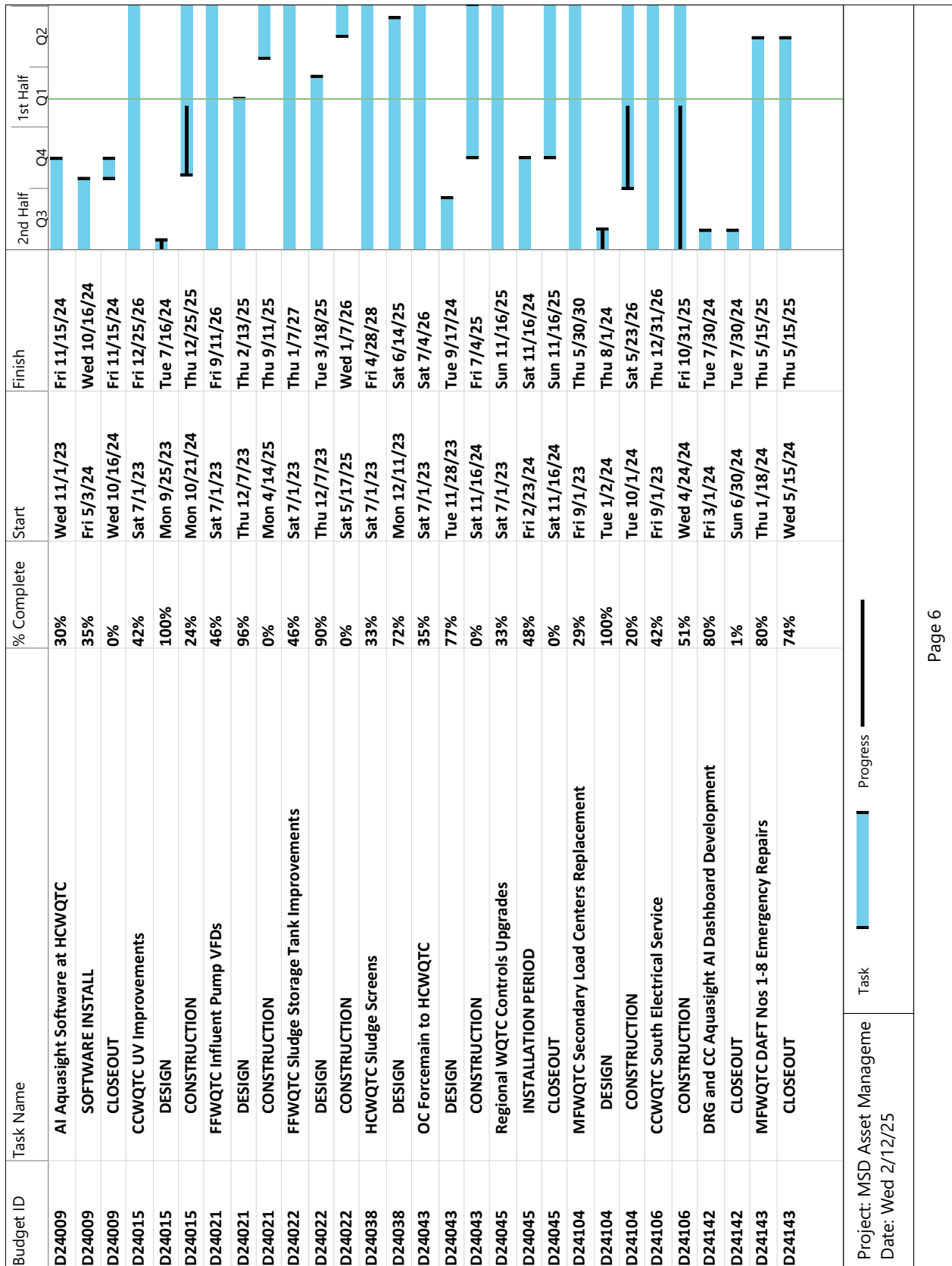
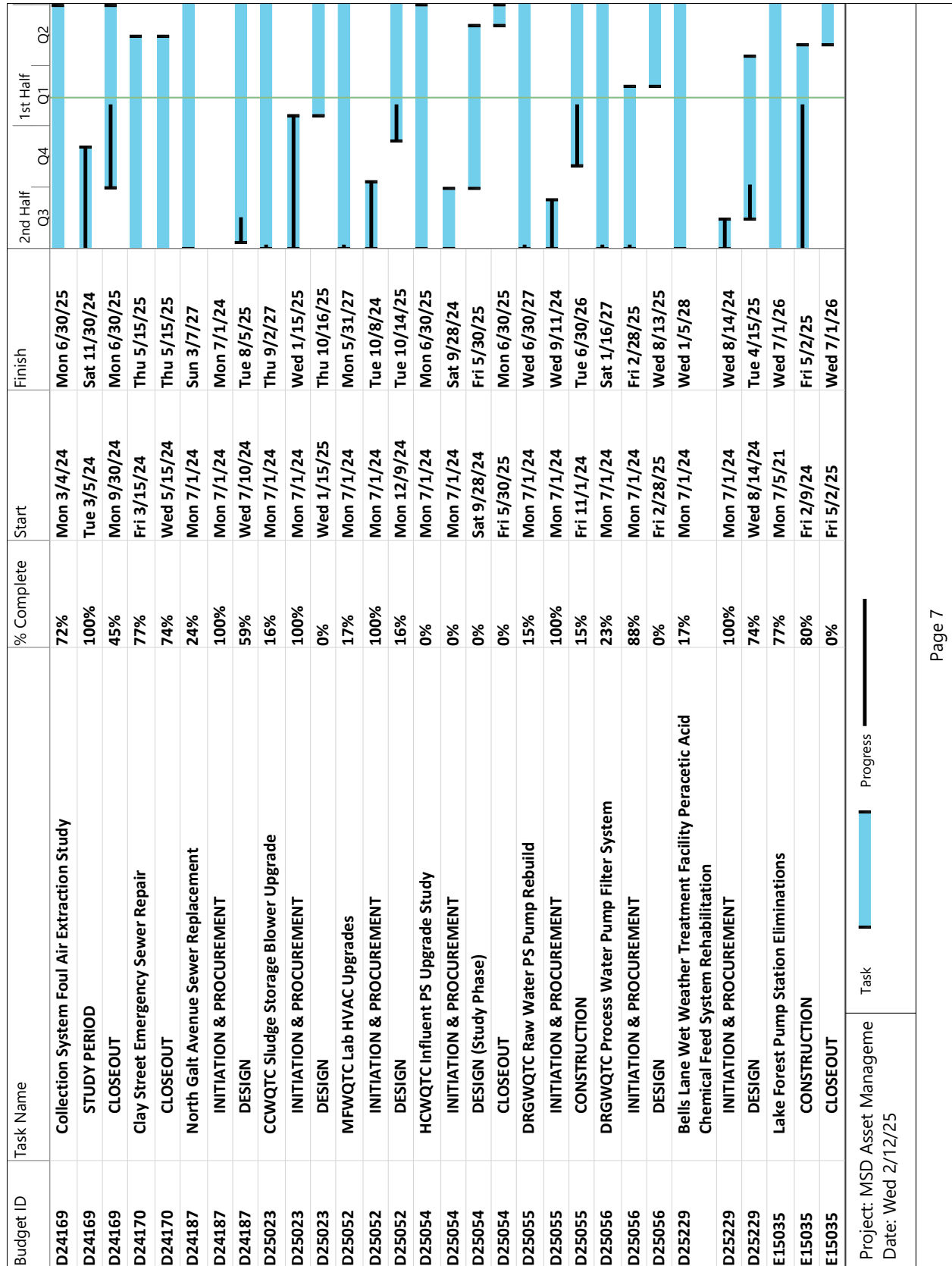


Figure 7.1. Asset Management Schedule



SECOND AMENDED CONSENT DECREE
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Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish	2nd Half Q3 Q4				1st Half Q1 Q2	
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	54%	Mon 7/1/24	Wed 7/30/25						
E21026	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24						
E21026	SERVICE PERIOD	59%	Mon 7/1/24	Mon 6/30/25						
E21026	CLOSEOUT	0%	Mon 6/30/25	Wed 7/30/25						
E21027	FY25 CMOM Gravity Line Cleaning & Inspection	54%	Mon 7/1/24	Wed 7/30/25						
E21027	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24						
E21027	SERVICE PERIOD	59%	Mon 7/1/24	Mon 6/30/25						
E21027	CLOSEOUT	0%	Mon 6/30/25	Wed 7/30/25						
E21028	FY25 CMOM I and C Implementation	57%	Mon 7/1/24	Mon 6/30/25						
E21028	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24						
E21028	SERVICE PERIOD	59%	Mon 7/1/24	Mon 6/30/25						
E21028	CLOSEOUT	0%	Sun 6/15/25	Mon 6/30/25						
E21029	FY25 Linear Infrastructure Rehabilitation Program	54%	Mon 7/1/24	Wed 7/30/25						
E21029	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24						
E21029	SERVICE PERIOD	59%	Mon 7/1/24	Mon 6/30/25						
E21029	CLOSEOUT	0%	Mon 6/30/25	Wed 7/30/25						
E21031	FY25 CMOM SCAP, AAM, FOG	54%	Mon 7/1/24	Wed 7/30/25						
E21031	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24						
E21031	SERVICE PERIOD	59%	Mon 7/1/24	Mon 6/30/25						
E21031	CLOSEOUT	0%	Mon 6/30/25	Wed 7/30/25						
E21052	FY25 PS Replacement, Overhaul or Elimination	54%	Mon 7/1/24	Wed 7/30/25						
E21052	INITIATION & PROCUREMENT	100%	Mon 7/1/24	Mon 7/1/24						
E21052	SERVICE PERIOD	59%	Mon 7/1/24	Mon 6/30/25						
E21052	CLOSEOUT	0%	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						

Project: MSD Asset Management
Date: Wed 2/12/25

Task
Progress

Figure 7.1. Asset Management Schedule

Budget ID	Task Name	% Complete	Start	Finish	2nd Half Q3	1st Half Q1	Q2
E21071	Wathen Lane PS Rehabilitation	90%	Wed 7/1/20	Mon 8/18/25			
E21071	CONSTRUCTION	100%	Mon 5/2/22	Mon 7/1/24			
E21071	CLOSEOUT	63%	Sun 6/30/24	Mon 8/18/25			
E21091	Sanders Lane PS Rehabilitation	94%	Wed 7/1/20	Tue 6/17/25			
E21091	CLOSEOUT	79%	Tue 4/2/24	Tue 6/17/25			
E22116	South Shelby St. Sanitary Sewer Improvements	65%	Mon 11/8/21	Sat 10/3/26			
E22116	DESIGN	100%	Thu 9/8/22	Tue 10/29/24			
E22116	CONSTRUCTION	14%	Mon 1/6/25	Sat 7/5/25			
E22223	Lantana Drive Pump Station No 1 Elimination	63%	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	24%	Mon 11/4/24	Thu 10/30/25			
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			
E24017	Cypress Springs PS Elimination	45%	Sat 7/1/23	Sat 10/31/26			
E24017	DESIGN	100%	Mon 1/8/24	Tue 12/3/24			
E24017	CONSTRUCTION	0%	Mon 2/3/25	Sat 8/2/25			
E24026	Fox Harbor 1 & 2 and Deep Trail Pump Station Eliminations	49%	Sat 7/1/23	Mon 8/23/27			
E24026	DESIGN	94%	Mon 10/2/23	Sun 6/8/25			
E24026	EASEMENTS/LAND ACQUISITION	75%	Fri 5/10/24	Thu 5/1/25			
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	64%	Mon 6/3/24	Sun 8/3/25			
E24190	CONSTRUCTION	100%	Tue 6/4/24	Sat 8/3/24			
E24190	CLOSEOUT	60%	Sat 8/3/24	Sun 8/3/25			
E25018	Lea Ann Way Rehabilitation	0%	Mon 7/1/24	Sat 5/1/27			
E25018	INITIATION & PROCUREMENT	0%	Mon 7/1/24	Wed 1/1/25			
E25018	DESIGN	0%	Wed 1/1/25	Mon 12/15/25			
Project: MSD Asset Management Date: Wed 2/12/25		Task		Progress			
				Page 9			

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Figure 7.1. Asset Management Schedule

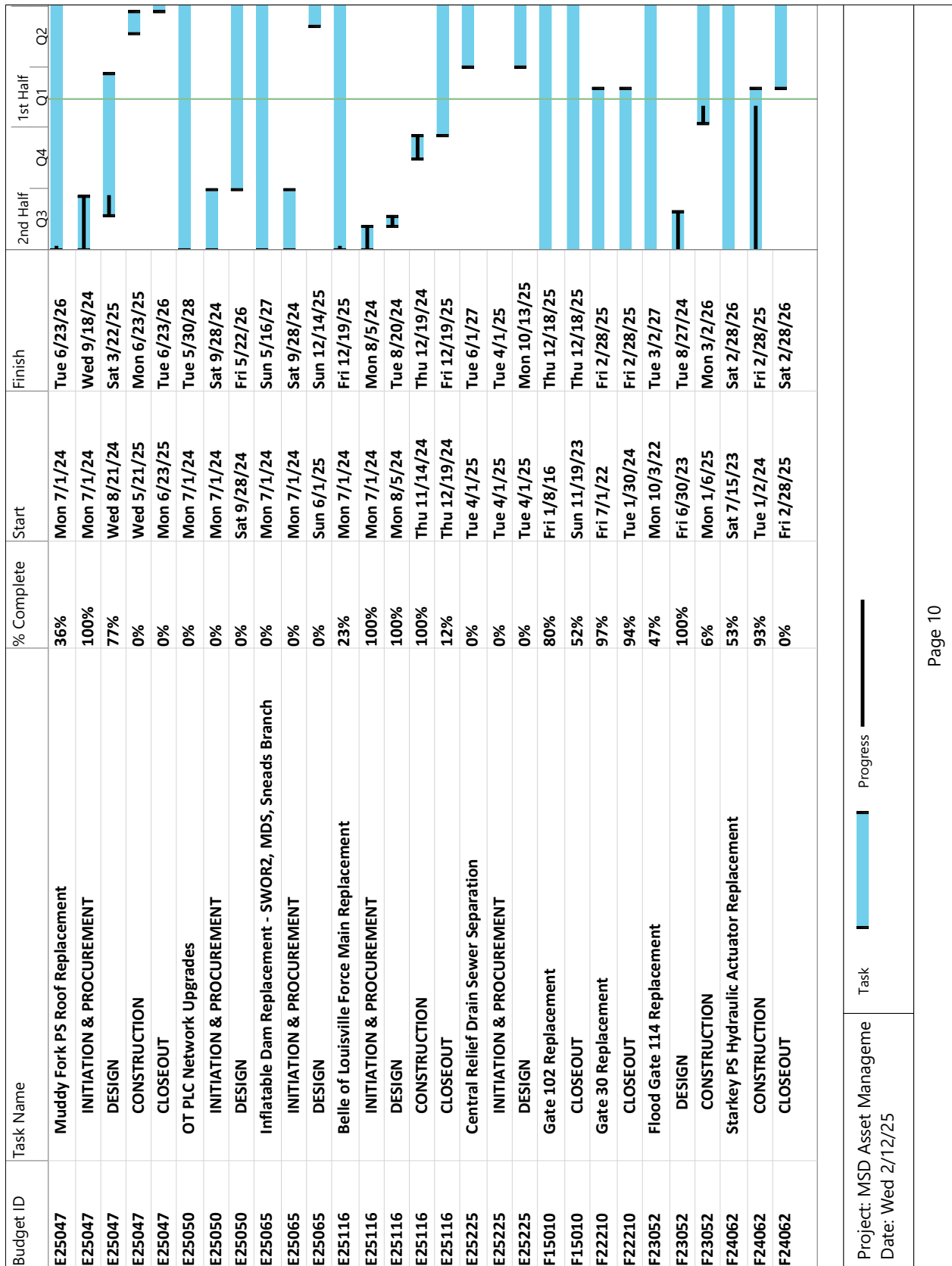
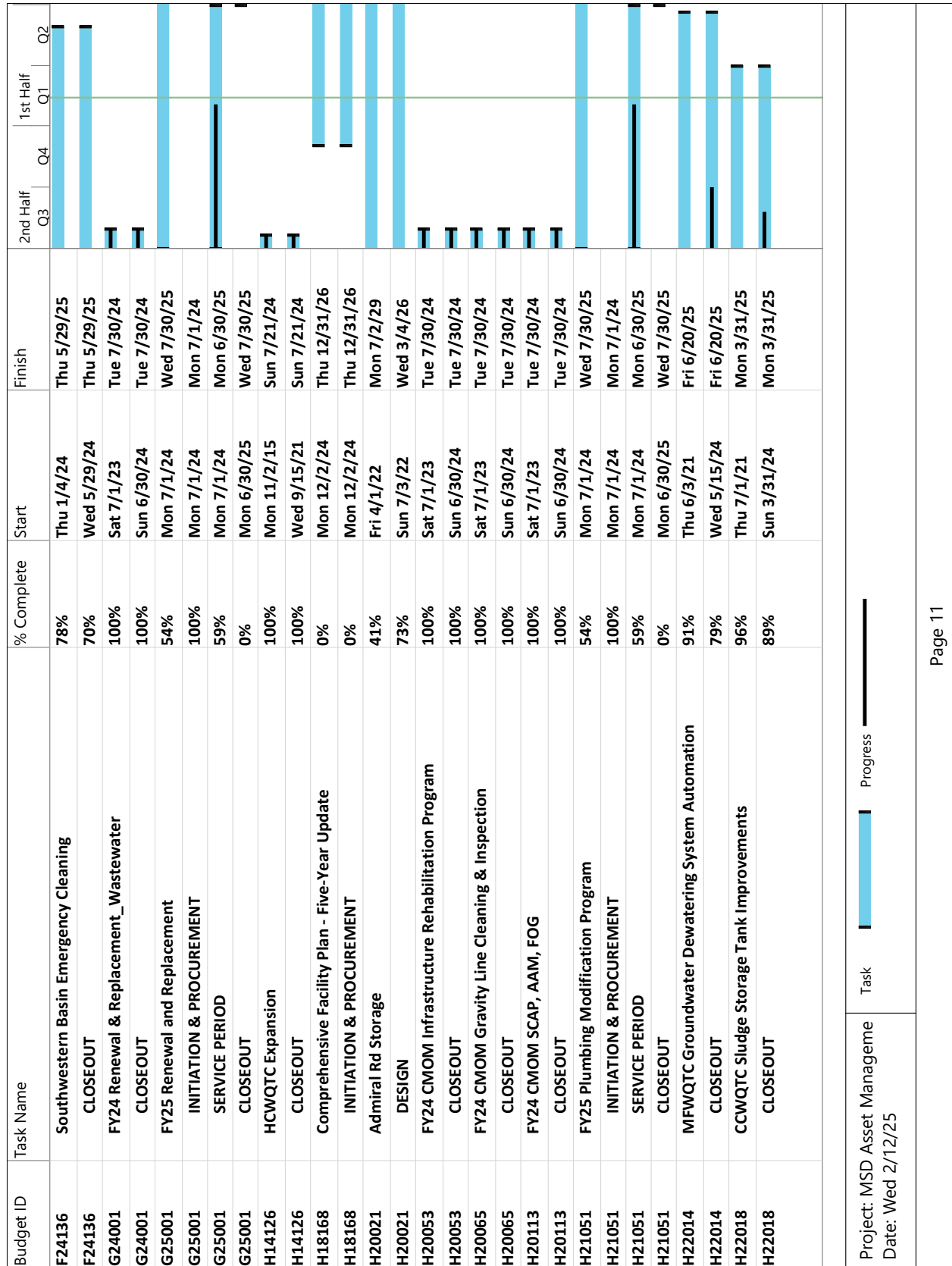


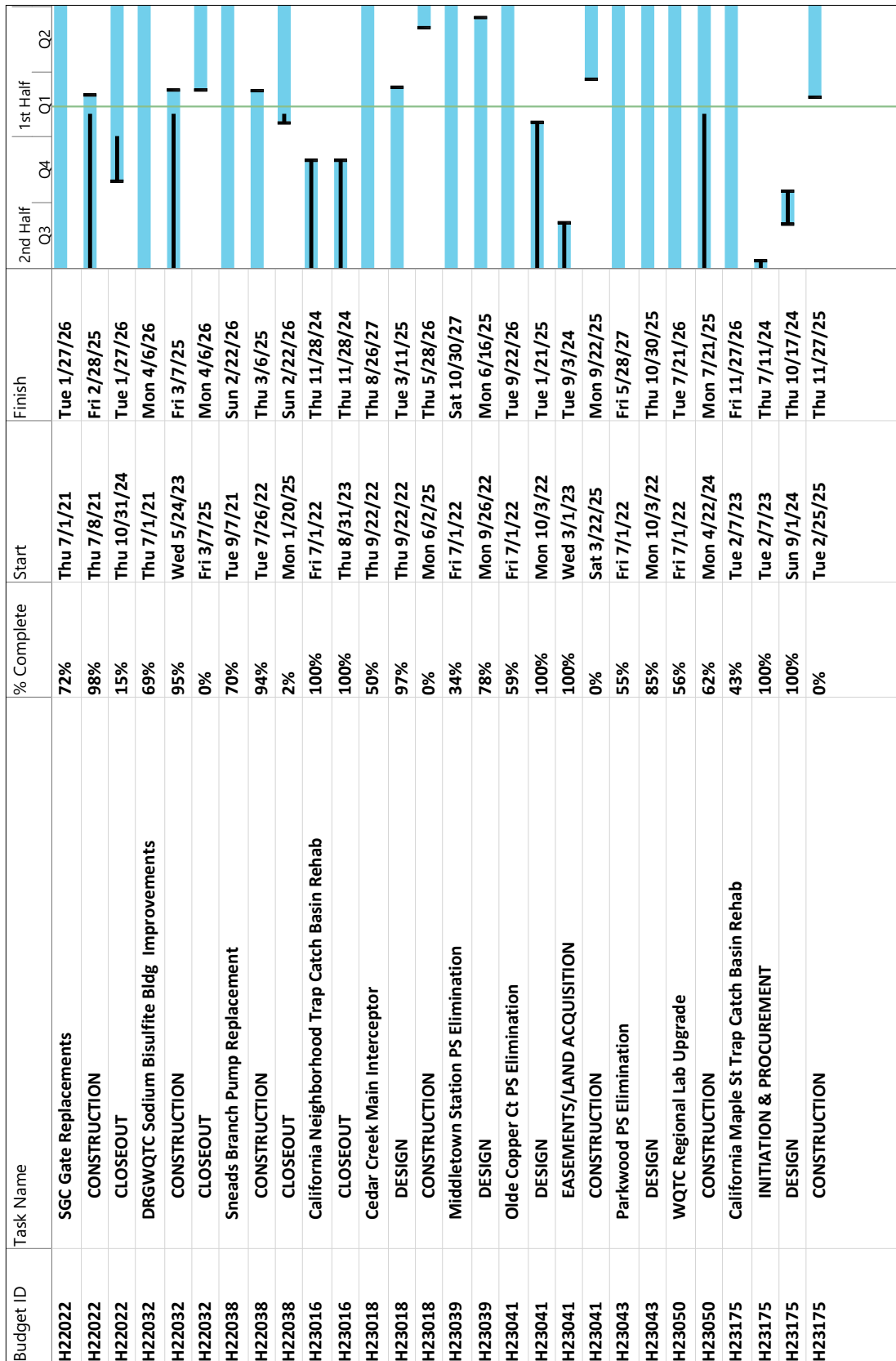
Figure 7.1. Asset Management Schedule



SECOND AMENDED CONSENT DECREE
MID-YEAR STATUS REPORT FY25
JULY 1, 2024 - DECEMBER 31, 2024



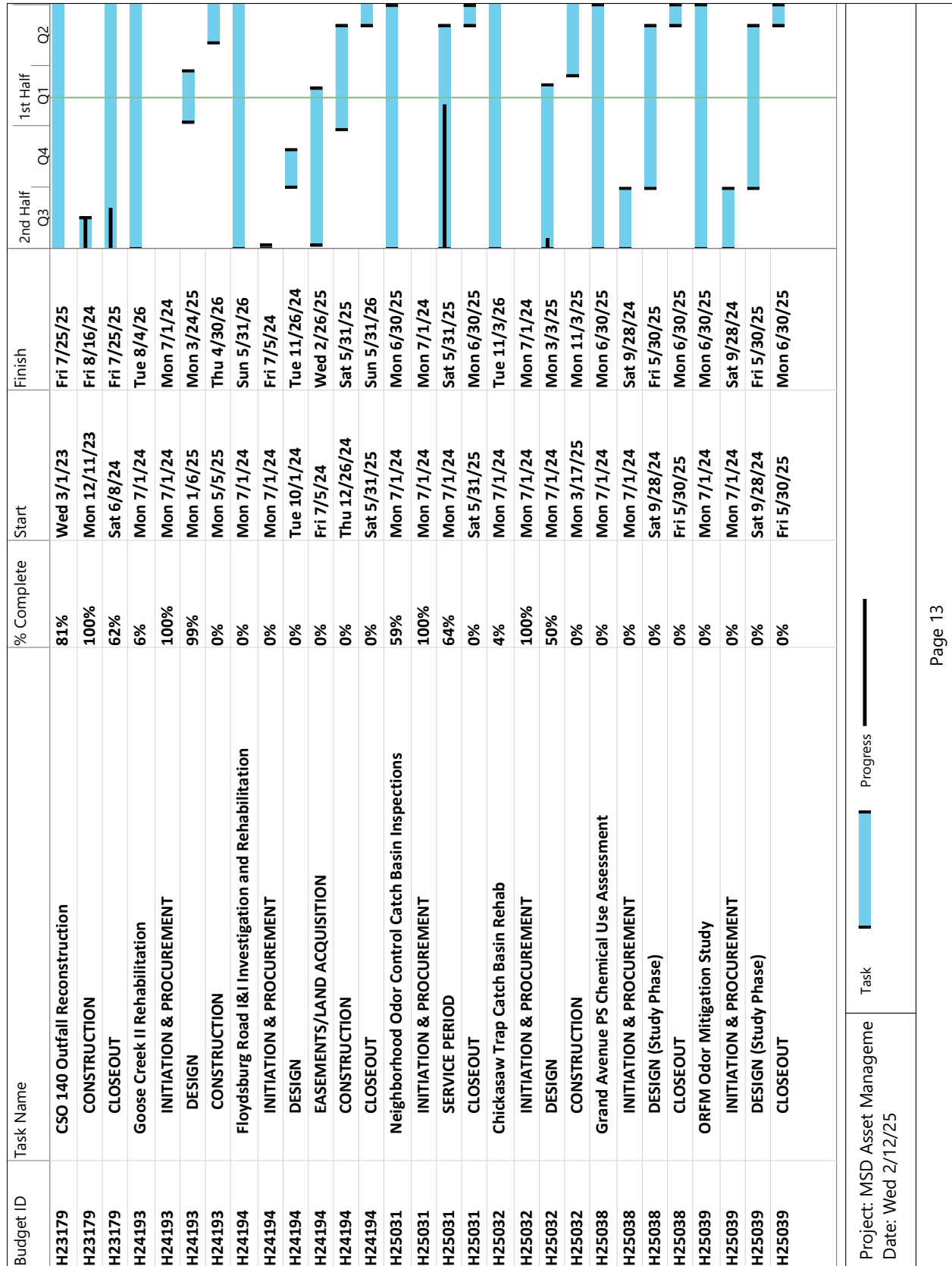
Figure 7.1. Asset Management Schedule



Project: MSD Asset Manage
Date: Wed 2/12/25

Task Progress

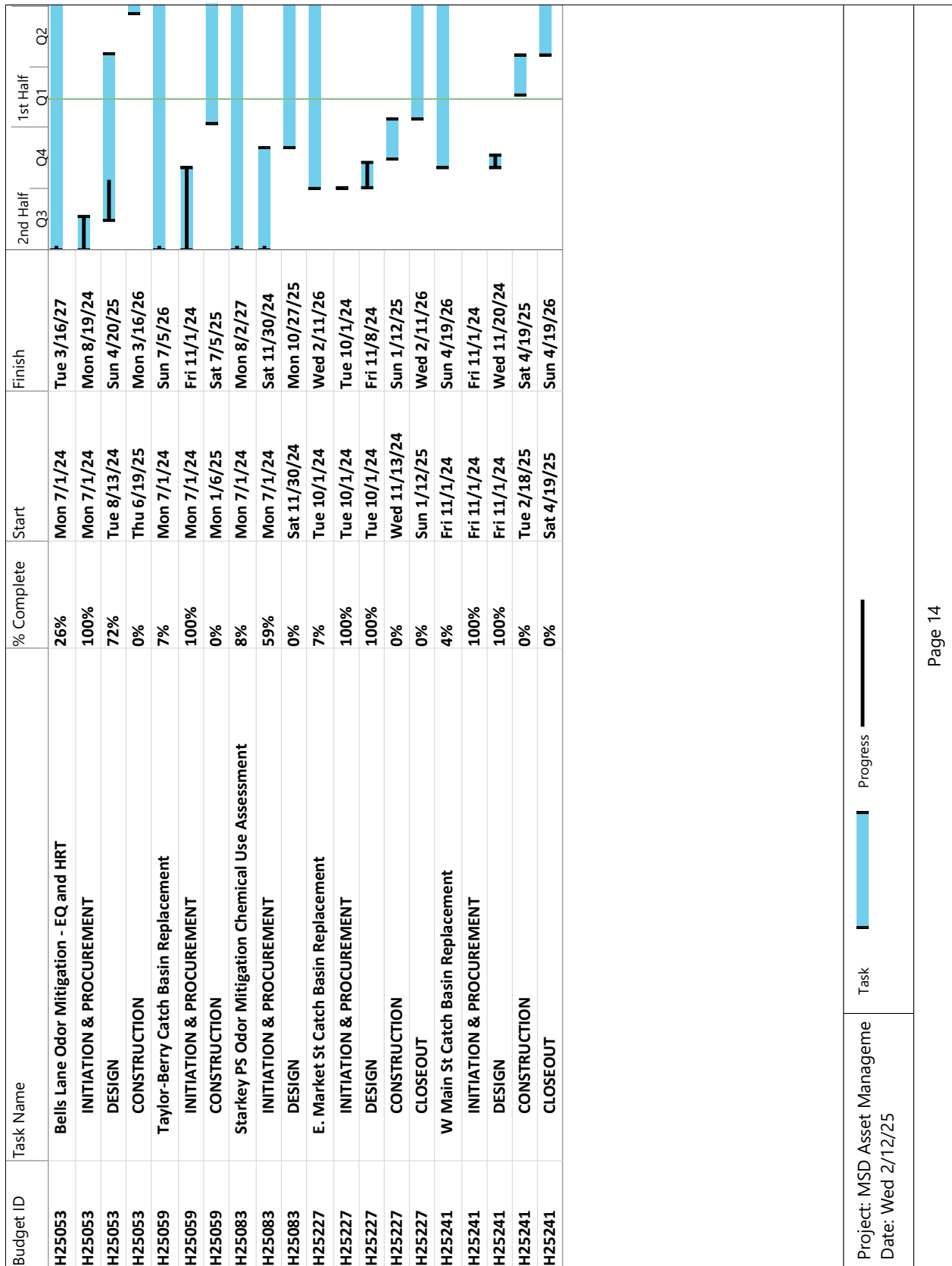
Figure 7.1. Asset Management Schedule



SECOND AMENDED CONSENT DECREE
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Figure 7.1. Asset Management Schedule



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APPENDIX A

AUTHORIZED DISCHARGES - WET WEATHER CSOs

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**SECOND AMENDED CONSENT DECREE
MID-YEAR STATUS REPORT FY25
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CSO	START DATE	END DATE	DURATION (MIN)	RAIN TOTAL (IN)	DISCHARGE PER RAIN (GAL/IN)	FREQUENCY (YR)	PERIOD (HR)	STANDARD	COMMENT	DISCHARGE VOLUME (GAL)	COUNT OF CSO
CSO015	7/3/2024 19:30	7/4/2024 16:15	1245	2	58,574,457	1	3	Atlas		116,797,467	1
	7/9/2024 22:00	7/10/2024 7:15	555	1	23,039,235	0	1	Atlas		23,546,098	1
	7/31/2024 15:00	7/31/2024 21:00	360	1	31,692,392	1	1	Atlas		36,699,789	1
	8/1/2024 17:00	8/1/2024 20:15	195	1	14,331,124	0	1	Atlas		7,939,442	1
	9/13/2024 6:15	9/13/2024 12:15	360	1	20,566,012	1	6	Atlas		28,463,360	1
	9/24/2024 5:15	9/24/2024 19:30	855	1	62,403,075	0	12	Atlas		39,251,534	1
	9/27/2024 6:45	9/29/2024 11:15	3150	4	71,122,802	3	48	Cloudburst		272,827,067	1
	9/29/2024 19:45	9/29/2024 21:15	90	0	186,776,600	0	1	Atlas		2,801,649	1
	11/6/2024 6:45	11/6/2024 19:00	735	1	14,233,724	1	6	Atlas		13,066,558	1
	11/10/2024 6:30	11/11/2024 2:30	1200	2	57,726,755	1	6	Cloudburst		133,752,891	1
	11/13/2024 19:00	11/16/2024 1:30	3270	3	135,695,711	2	12	Cloudburst		369,635,118	1
	11/19/2024 3:15	11/19/2024 15:30	735	1	59,672,111	1	1	Atlas		45,828,181	1
CSO015 Total										1,090,609,156	12
CSO016	7/3/2024 19:30	7/5/2024 14:30	2580	2	20,725,432	1	1	Atlas		39,979,359	1
	7/9/2024 10:45	7/10/2024 17:15	1830	1	15,682,963	1	1	Atlas		18,521,580	1
	7/13/2024 20:45	7/13/2024 21:15	30	0	8,441	0	1	Atlas		481	1
	7/22/2024 19:30	7/23/2024 0:45	315	0	19,555,426	0	1	Atlas		4,517,303	1
	7/28/2024 14:45	7/28/2024 15:15	30	1	745	0	24	Atlas		693	1
	7/29/2024 6:30	7/29/2024 11:15	285	1	4,924,083	0	24	Atlas		4,574,473	1
	7/31/2024 15:00	8/1/2024 1:00	600	1	13,179,734	1	1	Atlas		14,207,753	1
	8/1/2024 16:30	8/2/2024 15:15	1365	0	67,549,203	0	1	Atlas		20,805,154	1
	8/16/2024 9:15	8/16/2024 13:00	225	0	20,954,459	0	1	Atlas		3,122,214	1
	9/13/2024 6:00	9/13/2024 19:00	780	1	16,564,277	1	6	Atlas		23,322,502	1
	9/24/2024 3:45	9/25/2024 4:45	1500	1	34,655,694	0	12	Atlas		22,006,366	1
	9/27/2024 1:30	9/29/2024 14:15	3645	4	33,798,237	2	48	Cloudburst		128,162,913	1
	10/31/2024 14:00	10/31/2024 19:15	315	0	7,075,394	0	3	Atlas		3,261,757	1
	11/6/2024 3:45	11/6/2024 21:15	1050	1	33,788,048	1	6	Atlas		31,760,765	1
	11/10/2024 5:45	11/11/2024 7:00	1515	2	22,503,467	1	6	Cloudburst		51,532,941	1
	11/13/2024 19:00	11/16/2024 4:00	3420	2	34,527,572	2	12	Cloudburst		83,763,889	1
	11/19/2024 3:30	11/20/2024 5:45	1575	1	44,290,011	0	1	Atlas		31,711,648	1
	11/28/2024 1:45	11/28/2024 11:15	570	0	19,827,383	0	6	Atlas		5,829,251	1
CSO016 Total										487,081,042	18
CSO018	11/14/2024 9:45	11/14/2024 18:15	510	3	12,451	2	24	Cloudburst		38,909	1
CSO018 Total										38,909	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
CSO019	7/3/2024 19:15	7/4/2024 2:15	420	1	2,062,906	1	3	Atlas		2,832,370	1
	7/9/2024 9:45	7/9/2024 16:15	390	1	2,370,718	1	1	Atlas		2,515,332	1
	7/31/2024 14:45	7/31/2024 19:30	285	1	5,098,330	2	1	Atlas		7,601,610	1
	8/1/2024 16:15	8/1/2024 21:45	330	1	4,000,160	1	1	Atlas		3,916,157	1
	9/13/2024 6:00	9/13/2024 17:15	675	2	1,357,906	1	6	Atlas		2,119,691	1
	11/10/2024 7:00	11/10/2024 21:15	855	2	2,614,383	1	6	Atlas		5,307,198	1
	11/13/2024 19:15	11/14/2024 10:15	900	2	17,212,900	1	12	Atlas		32,256,975	1
CSO019 Total										56,549,333	7
CSO020	7/3/2024 20:15	7/3/2024 23:00	165	1	213,673	1	1	Atlas		258,972	1
	7/4/2024 14:00	7/4/2024 16:00	120	0	211,257	0	1	Atlas		76,898	1
	7/9/2024 22:30	7/10/2024 0:30	120	0	409,845	0	1	Atlas		196,725	1
	7/31/2024 15:45	7/31/2024 17:30	105	1	396,466	1	1	Atlas		478,931	1
	8/1/2024 17:15	8/1/2024 19:30	135	1	833,425	1	1	Atlas		637,570	1
	8/2/2024 7:15	8/2/2024 8:45	90	0	244,297	0	1	Atlas		102,605	1
	9/13/2024 6:45	9/13/2024 12:15	330	2	193,629	1	6	Atlas		290,056	1
	9/27/2024 13:45	9/27/2024 19:30	345	3	93,407	1	48	Cloudburst		299,836	1
	9/28/2024 3:30	9/28/2024 22:00	1110	3	3,256,186	1	48	Cloudburst		10,452,356	1
	11/13/2024 19:00	11/14/2024 22:45	1665	3	4,894,106	2	12	Cloudburst		12,597,428	1
	11/19/2024 3:15	11/19/2024 3:45	30	1	8,549	1	1	Atlas		6,720	1
CSO020 Total										25,398,097	11
CSO022	7/3/2024 20:15	7/3/2024 21:00	45	1	1,024,352	1	1	Atlas		1,344,974	1
	7/4/2024 13:45	7/4/2024 14:00	15	0	971,244	0	1	Atlas		358,389	1
	7/9/2024 22:30	7/9/2024 22:45	15	1	459,242	0	3	Atlas		365,556	1
	7/22/2024 19:30	7/22/2024 20:00	30	1	1,200,684	0	1	Atlas		691,594	1
	7/31/2024 15:45	7/31/2024 16:45	60	1	1,268,776	0	1	Atlas		1,621,496	1
	8/1/2024 17:15	8/1/2024 17:45	30	1	1,001,772	0	1	Atlas		816,444	1
	9/13/2024 6:30	9/13/2024 7:30	60	2	912,152	0	6	Atlas		1,457,618	1
	11/10/2024 6:15	11/10/2024 9:30	195	2	866,717	1	12	Cloudburst		1,998,650	1
	11/13/2024 19:00	11/13/2024 20:45	105	3	770,424	2	12	Cloudburst		1,974,596	1
	11/19/2024 3:15	11/19/2024 3:45	30	1	1,033,786	0	1	Atlas		752,596	1
CSO022 Total										11,381,915	10
CSO023	11/10/2024 7:45	11/10/2024 9:30	105	2	376,477	1	12	Cloudburst		868,155	1
	11/13/2024 20:30	11/13/2024 21:00	30	3	246,071	2	12	Cloudburst		630,679	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
CSO023 Total										1,498,835	2
CSO027	7/3/2024 19:30	7/3/2024 20:00	30	1	3,360	1	1	Atlas		4,156	1
	7/31/2024 15:00	7/31/2024 15:15	15	1	108	1	1	Atlas		107	1
	8/1/2024 16:30	8/1/2024 16:45	15	1	1,436	1	1	Atlas		1,214	1
CSO027 Total										5,476	3
CSO028	7/3/2024 19:15	7/3/2024 19:45	30	1	96,812	1	1	Atlas		119,757	1
	7/4/2024 12:45	7/4/2024 13:00	15	1	8,297	0	1	Atlas		4,157	1
	7/9/2024 21:30	7/9/2024 21:45	15	1	5,667	0	3	Atlas		3,842	1
	7/31/2024 14:45	7/31/2024 15:15	30	1	58,085	0	1	Atlas		57,562	1
	8/1/2024 16:15	8/1/2024 16:30	15	1	46,455	1	1	Atlas		39,255	1
	9/13/2024 6:00	9/13/2024 6:15	15	2	41	1	6	Atlas		64	1
	9/24/2024 5:00	9/24/2024 5:15	15	1	2,408	0	12	Atlas		1,921	1
	11/13/2024 19:15	11/13/2024 19:30	15	3	10,080	2	12	Cloudburst		26,641	1
	11/19/2024 3:15	11/19/2024 3:30	15	1	2,690	1	1	Atlas		2,152	1
CSO028 Total										255,351	9
CSO029	7/3/2024 19:15	7/3/2024 19:45	30	1	114,573	1	1	Atlas		141,727	1
	7/31/2024 14:45	7/31/2024 15:15	30	1	48,835	1	1	Atlas		48,396	1
	8/1/2024 16:15	8/1/2024 16:30	15	1	38,085	1	1	Atlas		32,182	1
	11/13/2024 19:00	11/13/2024 19:30	30	3	11,834	2	12	Cloudburst		31,279	1
	11/19/2024 3:15	11/19/2024 3:30	15	1	534	1	1	Atlas		427	1
CSO029 Total										254,010	5
CSO031	7/3/2024 19:30	7/3/2024 22:30	180	1	8,643	1	1	Atlas		10,692	1
	7/9/2024 10:00	7/9/2024 10:15	15	1	3	0	3	Atlas		2	1
	7/31/2024 15:00	7/31/2024 15:15	15	1	625	1	1	Atlas		619	1
	8/1/2024 16:30	8/1/2024 16:45	15	1	30	1	1	Atlas		25	1
	9/13/2024 5:30	9/13/2024 5:45	15	2	1	1	6	Atlas		2	1
	9/24/2024 5:15	9/24/2024 5:30	15	1	55	0	12	Atlas		44	1
	11/13/2024 18:45	11/13/2024 19:45	60	3	641	2	12	Cloudburst		1,694	1
	11/14/2024 10:15	11/14/2024 10:30	15	3	-	2	12	Cloudburst		1	1
	11/21/2024 12:00	11/21/2024 12:15	15	-	61,062	0	1	Atlas		244	1
CSO031 Total										13,323	9
CSO034	7/3/2024 19:15	7/3/2024 19:45	30	1	181,900	1	1	Atlas		225,010	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
	7/4/2024 12:45	7/4/2024 13:00	15	1	50,630	0	1	Atlas		25,366	1
	7/9/2024 21:30	7/9/2024 21:45	15	1	38,014	0	3	Atlas		25,774	1
	7/31/2024 14:45	7/31/2024 15:30	45	1	130,474	1	1	Atlas		129,299	1
	8/1/2024 16:15	8/1/2024 16:30	15	1	130,035	1	1	Atlas		109,879	1
	9/13/2024 5:30	9/13/2024 6:15	45	2	6,881	1	6	Atlas		10,694	1
	9/24/2024 5:00	9/24/2024 5:15	15	1	62,327	0	12	Atlas		49,737	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	12,376	0	6	Atlas		10,457	1
	11/10/2024 6:15	11/10/2024 9:15	180	2	504	1	12	Cloudburst		1,157	1
	11/19/2024 3:00	11/19/2024 3:30	30	1	18,063	1	1	Atlas		14,450	1
CSO034 Total										601,823	10
CSO035	7/3/2024 19:30	7/3/2024 19:45	15	1	89,618	0	1	Atlas		105,570	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	1,043	0	6	Atlas		948	1
	11/13/2024 19:00	11/13/2024 19:15	15	3	2,163	2	12	Cloudburst		5,781	1
CSO035 Total										112,299	3
CSO036	7/3/2024 19:30	7/3/2024 19:45	15	1	43,872	0	1	Atlas		51,681	1
	7/4/2024 13:00	7/4/2024 13:15	15	0	108,851	0	1	Atlas		53,010	1
	7/9/2024 21:45	7/9/2024 22:30	45	1	31,556	0	1	Atlas		19,123	1
	7/31/2024 15:00	7/31/2024 15:45	45	1	99,796	0	1	Atlas		97,701	1
	8/1/2024 16:30	8/1/2024 17:00	30	1	54,024	0	1	Atlas		43,706	1
	9/6/2024 17:15	9/6/2024 17:30	15	0	17,237	0	6	Atlas		4,723	1
	9/13/2024 5:45	9/13/2024 6:30	45	2	30,767	1	6	Atlas		47,658	1
	9/24/2024 5:15	9/24/2024 5:30	15	1	65,047	0	12	Atlas		53,209	1
	11/6/2024 3:15	11/6/2024 3:30	15	1	29,793	1	6	Atlas		27,082	1
	11/10/2024 6:30	11/10/2024 9:30	180	2	12,341	1	12	Cloudburst		27,890	1
	11/13/2024 19:15	11/13/2024 21:00	105	3	38,988	2	12	Cloudburst		104,177	1
	11/19/2024 3:15	11/19/2024 11:15	480	1	125,154	1	1	Atlas		102,752	1
CSO036 Total										632,711	12
CSO038	7/3/2024 19:15	7/3/2024 19:30	15	1	2,118	1	1	Atlas		2,620	1
	7/4/2024 12:45	7/4/2024 13:00	15	1	180	0	1	Atlas		90	1
	7/31/2024 14:45	7/31/2024 15:15	30	1	13,274	1	1	Atlas		13,154	1
	11/13/2024 19:15	11/13/2024 19:30	15	3	411	2	12	Cloudburst		1,086	1
CSO038 Total										16,950	4
CSO051	7/3/2024 19:00	7/3/2024 19:30	30	1	29,913	1	1	Atlas		40,413	1
	8/1/2024 16:00	8/1/2024 16:30	30	1	16,986	1	1	Atlas		11,703	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
CSO051 Total	11/14/2024 9:45	11/14/2024 15:15	330	2	372,372	1	12	Cloudburst		849,008	1
CSO054	7/3/2024 20:00	7/3/2024 20:45	45	1	41,562	1	1	Atlas		901,124	3
	7/31/2024 15:15	7/31/2024 17:00	105	1	131,829	1	1	Atlas		56,940	1
	8/1/2024 17:00	8/1/2024 17:30	30	1	20,350	1	1	Atlas		178,629	1
	9/13/2024 5:45	9/13/2024 11:15	330	2	191,303	1	6	Atlas		15,567	1
	9/27/2024 7:15	9/27/2024 14:30	435	3	34,110	1	48	Cloudburst		315,268	1
	11/10/2024 6:15	11/10/2024 13:45	450	2	354,418	1	12	Cloudburst		112,700	1
	11/13/2024 19:15	11/14/2024 5:00	585	2	445,368	1	12	Cloudburst		799,920	1
	11/19/2024 3:45	11/19/2024 6:30	165	1	85,999	0	1	Atlas		1,081,799	1
CSO054 Total										61,403	1
CSO055	7/3/2024 19:15	7/3/2024 20:45	90	1	355,693	1	1	Atlas		2,622,227	8
	7/9/2024 22:15	7/9/2024 23:00	45	1	135,175	0	3	Atlas		487,299	1
CSO055 Total										90,027	1
CSO056	7/3/2024 19:30	7/3/2024 20:30	60	1	46,947	1	1	Atlas		577,325	2
	7/9/2024 21:45	7/9/2024 22:30	45	1	8,035	0	3	Atlas		64,317	1
	7/22/2024 18:45	7/22/2024 19:00	15	0	3,504	0	1	Atlas		5,351	1
	11/10/2024 6:30	11/10/2024 10:30	240	2	39,129	1	12	Cloudburst		1,650	1
	11/13/2024 19:00	11/14/2024 3:45	525	2	64,271	1	12	Cloudburst		88,315	1
	11/19/2024 3:15	11/19/2024 3:45	30	1	19,550	0	1	Atlas		156,113	1
CSO056 Total										13,959	1
CSO058	11/13/2024 19:15	11/13/2024 19:30	15	3	11,592	2	12	Cloudburst		329,706	6
CSO058 Total										30,614	1
CSO062	7/3/2024 19:45	7/3/2024 20:00	15	1	446,365	1	1	Atlas		30,614	1
	7/31/2024 15:30	7/31/2024 16:15	45	1	809,252	1	1	Atlas		540,994	1
	7/31/2024 16:00	7/31/2024 16:15	15	1	203,701	1	1	Atlas		977,576	1
	8/1/2024 16:45	8/1/2024 17:15	30	1	475,982	1	1	Atlas		246,071	1
	9/13/2024 6:15	9/13/2024 11:15	300	2	924,064	1	6	Atlas		364,126	1
	9/27/2024 7:30	9/27/2024 18:00	630	3	852,187	1	48	Cloudburst		1,384,249	1
	9/28/2024 3:15	9/28/2024 9:30	375	3	380,128	1	48	Cloudburst		2,735,519	1
	11/10/2024 6:30	11/10/2024 14:15	465	2	1,827,062	1	12	Cloudburst		1,220,211	1
										4,289,942	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
	11/13/2024 19:30	11/14/2024 12:30	1020	3	4,822,772	2	12	Cloudburst		12,413,815	1
	11/19/2024 3:30	11/19/2024 4:30	60	1	1,458,223	1	1	Atlas		1,146,163	1
CSO062 Total										25,318,666	10
CSO088	7/22/2024 19:00	7/22/2024 19:15	15	1	1,284	1	1	Atlas		1,420	1
CSO088 Total										1,420	1
CSO091	7/31/2024 14:30	7/31/2024 15:00	30	1	7,957	1	1	Atlas		7,058	1
	8/1/2024 16:00	8/1/2024 16:30	30	1	5,057	0	1	Atlas		3,186	1
	8/16/2024 7:45	8/16/2024 8:15	30	0	4,656	0	1	Atlas		1,206	1
	9/24/2024 4:45	9/24/2024 5:15	30	1	4,687	0	1	Atlas		5,156	1
	11/13/2024 19:00	11/13/2024 19:30	30	3	155	2	12	Cloudburst		406	1
CSO091 Total										17,012	5
CSO092	7/3/2024 19:30	7/3/2024 19:45	15	2	365	1	1	Atlas		561	1
	7/31/2024 15:00	7/31/2024 15:15	15	1	27	1	1	Atlas		24	1
	9/13/2024 5:15	9/13/2024 5:30	15	1	6	1	6	Atlas		8	1
	9/24/2024 5:15	9/24/2024 5:30	15	1	38	1	1	Atlas		41	1
	9/24/2024 16:30	9/24/2024 16:45	15	1	12	1	1	Atlas		13	1
	11/13/2024 19:15	11/13/2024 20:30	75	3	20	2	12	Cloudburst		52	1
CSO092 Total										700	6
CSO097	7/3/2024 19:15	7/3/2024 20:00	45	2	29,026	1	1	Atlas		46,645	1
	7/4/2024 13:15	7/4/2024 13:30	15	2	165	1	1	Atlas		265	1
	7/31/2024 14:45	7/31/2024 15:45	60	1	34,895	1	1	Atlas		31,127	1
	8/1/2024 16:15	8/1/2024 17:00	45	1	24,521	1	1	Atlas		16,773	1
	9/13/2024 5:30	9/13/2024 6:30	60	1	7,967	1	6	Atlas		11,098	1
	9/24/2024 5:00	9/24/2024 5:45	45	2	4,024	1	24	Atlas		6,435	1
	9/24/2024 16:30	9/24/2024 17:00	30	2	352	1	24	Atlas		563	1
	9/27/2024 12:45	9/27/2024 13:15	30	3	49	1	48	Cloudburst		160	1
	11/10/2024 7:45	11/10/2024 9:45	120	2	19,658	1	12	Atlas		38,156	1
	11/13/2024 18:45	11/14/2024 10:15	930	3	80,017	2	12	Cloudburst		225,089	1
	11/19/2024 3:00	11/19/2024 3:45	45	1	88,538	1	1	Atlas		90,929	1
CSO097 Total										467,238	11
CSO105	7/3/2024 19:15	7/3/2024 20:00	45	1	1,759,936	1	3	Atlas		2,205,200	1
	7/31/2024 14:45	7/31/2024 16:15	90	1	6,086,112	1	1	Atlas		6,652,121	1
	9/27/2024 17:30	9/27/2024 18:00	30	4	68,349	2	48	Cloudburst		255,010	1

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	11/10/2024 7:15	11/10/2024 16:45	570	2	4,440,511	0	6	Alias		9,405,002	1
	11/13/2024 19:15	11/13/2024 23:15	240	2	5,538,101	1	12	Alias		11,801,693	1
CSO105 Total										30,319,025	5
CSO108	7/3/2024 20:15	7/3/2024 20:30	15	1	12,341	1	1	Alias		16,612	1
	7/9/2024 22:00	7/9/2024 22:30	30	1	259,518	0	1	Alias		161,680	1
	8/1/2024 17:00	8/1/2024 17:15	15	1	69,890	0	1	Alias		48,504	1
	9/24/2024 5:30	9/24/2024 6:00	30	2	91,579	1	24	Alias		177,206	1
	9/24/2024 17:30	9/24/2024 17:45	15	2	16,603	1	24	Alias		32,127	1
	11/13/2024 19:15	11/13/2024 21:15	120	3	88,891	2	24	Cloudburst		280,894	1
	11/14/2024 10:00	11/14/2024 11:30	90	3	154,900	2	24	Cloudburst		489,485	1
CSO108 Total										1,206,507	7
CSO109	7/3/2024 19:45	7/3/2024 20:00	15	1	123,064	1	1	Alias		182,627	1
	7/4/2024 13:00	7/4/2024 13:15	15	1	8,091	1	1	Alias		12,007	1
	7/9/2024 21:45	7/9/2024 22:00	15	1	186,673	0	1	Alias		111,817	1
	7/13/2024 18:00	7/13/2024 18:15	15	0	13,978	0	1	Alias		3,131	1
	7/31/2024 15:00	7/31/2024 15:45	45	1	143,684	1	3	Alias		156,616	1
	8/1/2024 16:30	8/1/2024 17:00	30	1	224,978	1	1	Alias		161,084	1
	8/16/2024 8:15	8/16/2024 8:30	15	0	950	0	1	Alias		199	1
	9/13/2024 5:30	9/13/2024 6:15	45	1	16,709	1	6	Alias		23,860	1
	9/24/2024 5:15	9/24/2024 5:30	15	2	49,990	1	24	Alias		97,780	1
	9/24/2024 16:45	9/24/2024 17:15	30	2	49,679	1	24	Alias		97,172	1
	9/27/2024 5:00	9/27/2024 17:00	720	3	27,397	1	48	Cloudburst		90,219	1
	11/10/2024 9:00	11/10/2024 9:15	15	2	113	1	12	Alias		194	1
	11/13/2024 19:45	11/13/2024 20:45	60	3	33,482	2	24	Cloudburst		104,633	1
	11/14/2024 10:00	11/14/2024 10:30	30	3	37,664	2	24	Cloudburst		117,700	1
	11/19/2024 3:30	11/19/2024 4:00	30	1	102,884	1	1	Alias		102,370	1
CSO109 Total										1,261,409	15
CSO110	7/3/2024 19:15	7/3/2024 20:30	75	2	494,784	1	1	Alias		851,523	1
	7/4/2024 12:45	7/4/2024 13:30	45	2	102,562	1	1	Alias		176,510	1
	7/9/2024 21:30	7/9/2024 22:15	45	1	126,058	0	1	Alias		75,257	1
	7/13/2024 17:45	7/13/2024 18:00	15	0	319	0	1	Alias		112	1
	7/31/2024 14:45	7/31/2024 15:45	60	1	543,214	1	1	Alias		478,028	1
	8/1/2024 16:00	8/1/2024 17:00	60	1	624,631	1	1	Alias		396,640	1

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	8/2/2024 6:00	8/2/2024 6:15	15	0	1,447	0	1	Atlas		265	1
	9/13/2024 5:15	9/13/2024 9:45	270	1	222,628	1	6	Atlas		288,303	1
	9/24/2024 4:45	9/24/2024 5:30	45	1	228,391	1	1	Atlas		323,174	1
	9/24/2024 16:15	9/24/2024 17:15	60	1	65,900	1	1	Atlas		93,249	1
	9/27/2024 7:00	9/27/2024 13:30	390	3	28,501	1	48	Cloudburst		93,741	1
	11/6/2024 3:00	11/6/2024 7:15	255	1	44,796	1	6	Atlas		41,347	1
	11/10/2024 7:15	11/10/2024 10:00	165	2	420,255	0	12	Atlas		840,930	1
	11/13/2024 18:45	11/14/2024 10:30	945	3	765,474	2	12	Cloudburst		2,087,447	1
	11/19/2024 2:30	11/19/2024 4:00	90	1	282,899	1	1	Atlas		286,860	1
CSO110 Total										6,033,384	15
CSO111	7/3/2024 19:15	7/3/2024 20:00	45	2	382,847	1	1	Atlas		658,880	1
	7/4/2024 12:45	7/4/2024 13:15	30	2	1,671	1	1	Atlas		2,876	1
	7/9/2024 21:30	7/9/2024 21:45	15	1	36,029	0	1	Atlas		21,509	1
	7/13/2024 17:30	7/13/2024 18:15	45	0	64,519	0	1	Atlas		22,775	1
	7/31/2024 14:45	7/31/2024 15:45	60	1	428,938	1	1	Atlas		377,465	1
	8/1/2024 16:15	8/1/2024 16:45	30	1	249,558	1	1	Atlas		158,469	1
	8/2/2024 6:00	8/2/2024 6:30	30	0	180,198	0	1	Atlas		32,976	1
	9/13/2024 5:30	9/13/2024 6:15	45	1	5,930	0	6	Atlas		7,679	1
	9/24/2024 4:45	9/24/2024 5:15	30	1	45,640	1	1	Atlas		64,580	1
	11/6/2024 3:00	11/6/2024 7:15	255	1	40,269	1	6	Atlas		37,168	1
	11/10/2024 6:00	11/10/2024 9:45	225	2	570,118	1	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	1	1	Atlas		555,504	1
CSO111 Total										3,103,722	13
CSO113	7/3/2024 19:15	7/3/2024 20:00	45	2	199,703	1	1	Atlas		307,143	1
	7/4/2024 12:45	7/4/2024 13:15	30	2	1,363	1	1	Atlas		2,096	1
	7/9/2024 21:30	7/9/2024 22:00	30	1	35,920	0	1	Atlas		20,977	1
	7/13/2024 17:45	7/13/2024 18:15	30	0	3,831	0	1	Atlas		992	1
	7/22/2024 18:45	7/22/2024 19:15	30	0	11,293	0	1	Atlas		3,241	1
	7/31/2024 14:30	7/31/2024 15:30	60	1	148,768	1	1	Atlas		131,957	1
	8/1/2024 16:15	8/1/2024 16:45	30	1	95,457	1	1	Atlas		60,138	1
	8/2/2024 6:00	8/2/2024 6:15	15	0	13,286	0	1	Atlas		3,149	1
	8/16/2024 8:00	8/16/2024 8:15	15	0	569	0	1	Atlas		147	1
	9/13/2024 5:15	9/13/2024 6:15	60	1	45,373	1	6	Atlas		61,344	1
	9/24/2024 4:45	9/24/2024 5:30	45	1	102,470	1	1	Atlas		112,717	1

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	11/6/2024 3:00	11/6/2024 3:15	15	1	33,442	0	6	Atlas		31,837	1
	11/10/2024 7:15	11/10/2024 9:45	150	2	50,126	1	12	Atlas		103,712	1
	11/13/2024 18:45	11/13/2024 20:45	120	3	113,021	2	12	Cloudburst		296,792	1
	11/19/2024 3:00	11/19/2024 3:45	45	1	211,672	1	1	Atlas		193,468	1
CSO113 Total										1,329,709	15
CSO117	7/3/2024 19:15	7/3/2024 20:00	45	1	964,733	1	1	Atlas		1,099,796	1
	7/4/2024 12:45	7/4/2024 14:30	105	0	1,476,779	0	1	Atlas		679,318	1
	7/9/2024 21:30	7/9/2024 22:00	30	1	2,243	0	1	Atlas		1,288	1
	7/31/2024 14:45	7/31/2024 15:45	60	1	621,803	1	1	Atlas		608,123	1
	8/1/2024 16:15	8/1/2024 17:30	75	1	728,125	0	1	Atlas		554,103	1
	8/2/2024 6:15	8/2/2024 7:00	45	0	91,951	0	1	Atlas		31,171	1
	9/13/2024 6:00	9/13/2024 6:15	15	1	292	1	6	Atlas		436	1
	9/24/2024 5:00	9/24/2024 5:30	30	1	182,210	0	1	Atlas		157,065	1
	9/27/2024 12:15	9/28/2024 9:45	1290	3	1,964,605	1	48	Cloudburst		6,485,160	1
	11/10/2024 8:00	11/10/2024 13:45	345	2	2,009,442	1	12	Cloudburst		4,412,735	1
	11/13/2024 19:00	11/14/2024 11:30	990	3	4,181,577	2	12	Cloudburst		11,294,441	1
	11/19/2024 3:00	11/19/2024 3:45	45	1	235,077	1	1	Atlas		197,700	1
CSO117 Total										25,521,336	12
CSO119	9/13/2024 5:15	9/13/2024 6:15	60	1	15,406	1	6	Atlas		22,139	1
	9/24/2024 4:45	9/24/2024 5:30	45	1	109,166	0	1	Atlas		101,306	1
	11/10/2024 8:30	11/10/2024 9:00	30	2	238	1	12	Atlas		511	1
	11/13/2024 18:45	11/13/2024 19:45	60	3	40,525	2	12	Cloudburst		107,675	1
	11/14/2024 10:00	11/14/2024 10:45	45	3	60,185	2	12	Cloudburst		159,912	1
	11/19/2024 2:45	11/19/2024 3:45	60	1	59,376	1	1	Atlas		50,707	1
CSO119 Total										442,251	6
CSO121	11/14/2024 10:00	11/14/2024 11:00	60	3	24,103	2	12	Cloudburst		64,019	1
CSO121 Total										64,019	1
CSO125	7/9/2024 21:30	7/9/2024 22:00	30	1	28,244	0	1	Atlas		14,461	1
	7/31/2024 14:45	7/31/2024 15:15	30	1	103,452	1	1	Atlas		106,556	1
	8/1/2024 16:15	8/1/2024 16:45	30	1	212,439	1	1	Atlas		155,930	1
	11/13/2024 19:15	11/13/2024 19:45	30	3	84,847	2	12	Cloudburst		227,560	1
	11/19/2024 3:15	11/19/2024 4:00	45	1	168,848	1	1	Atlas		151,288	1

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CSO125 Total										655,795	5
CSO126	7/3/2024 19:30	7/3/2024 19:45	15	1	19,609	1	1	Atlas		27,668	1
	7/9/2024 21:45	7/9/2024 22:00	15	1	28,338	0	1	Atlas		14,509	1
	7/22/2024 18:45	7/22/2024 19:00	15	1	37,685	0	1	Atlas		27,020	1
	7/31/2024 14:45	7/31/2024 16:00	75	1	111,472	1	1	Atlas		114,816	1
	8/1/2024 16:15	8/1/2024 17:00	45	1	62,586	1	1	Atlas		45,938	1
	8/16/2024 8:15	8/16/2024 8:30	15	0	18,288	0	1	Atlas		5,834	1
	9/13/2024 5:45	9/13/2024 6:15	30	2	29,439	1	6	Atlas		44,041	1
	9/24/2024 5:15	9/24/2024 5:30	15	1	15,820	0	1	Atlas		16,105	1
	9/27/2024 7:15	9/27/2024 8:45	90	3	36,239	1	48	Cloudburst		117,703	1
	9/27/2024 17:30	9/27/2024 18:00	30	3	21,042	1	48	Cloudburst		68,346	1
	9/28/2024 3:00	9/28/2024 3:30	30	3	2,337	1	48	Cloudburst		7,590	1
	11/10/2024 6:15	11/10/2024 9:45	210	2	148,460	1	12	Cloudburst		325,424	1
	11/13/2024 19:00	11/13/2024 22:15	195	3	144,030	2	12	Cloudburst		386,289	1
	11/14/2024 10:00	11/14/2024 10:30	30	3	75,851	2	12	Cloudburst		203,433	1
	11/19/2024 3:15	11/19/2024 4:30	75	1	173,137	1	1	Atlas		155,131	1
CSO126 Total										1,559,847	15
CSO131	7/3/2024 19:45	7/3/2024 20:30	45	1	37,885	1	1	Atlas		43,379	1
	7/4/2024 13:15	7/4/2024 13:30	15	0	113,824	0	1	Atlas		40,749	1
	7/9/2024 22:00	7/9/2024 22:15	15	1	232,320	0	1	Atlas		115,928	1
	7/31/2024 15:30	7/31/2024 16:00	30	1	38,833	1	1	Atlas		43,183	1
	8/1/2024 17:00	8/1/2024 17:15	15	1	44,036	1	1	Atlas		32,543	1
	8/2/2024 6:30	8/2/2024 6:45	15	0	140,107	0	1	Atlas		51,840	1
	8/16/2024 8:15	8/16/2024 8:45	30	0	193,448	0	1	Atlas		70,802	1
	9/13/2024 5:45	9/13/2024 6:30	45	2	71,094	1	6	Atlas		108,347	1
	9/24/2024 5:15	9/24/2024 5:45	30	1	95,195	0	12	Atlas		83,486	1
CSO131 Total										590,255	9
CSO132	7/3/2024 19:15	7/3/2024 20:00	45	1	709,786	1	1	Atlas		768,698	1
	7/4/2024 12:45	7/4/2024 13:15	30	0	144,036	0	1	Atlas		49,260	1
	7/9/2024 21:30	7/9/2024 22:00	30	0	744,086	0	1	Atlas		358,650	1
	7/22/2024 18:30	7/22/2024 19:15	45	1	1,245,612	0	1	Atlas		1,395,085	1
	7/30/2024 13:00	7/30/2024 13:15	15	0	14,196	0	1	Atlas		2,456	1
	7/31/2024 14:45	7/31/2024 15:45	60	1	1,191,298	1	1	Atlas		1,284,220	1
	8/1/2024 16:15	8/1/2024 17:00	45	1	1,481,358	1	1	Atlas		1,087,317	1
	8/2/2024 6:00	8/2/2024 7:30	90	0	242,591	0	1	Atlas		85,392	1

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	8/16/2024 8:00	8/16/2024 13:15	315	0	9,840,329	0	1	Atlas		3,896,770	1
	8/31/2024 16:45	8/31/2024 18:15	90	1	244,817	0	3	Atlas		181,164	1
	9/13/2024 5:15	9/13/2024 10:15	300	2	421,373	1	6	Atlas		657,342	1
	9/24/2024 5:00	9/24/2024 5:30	30	1	451,710	0	12	Atlas		392,536	1
	9/28/2024 2:45	10/1/2024 8:15	4650	3	8,723,822	1	48	Cloudburst		28,177,945	1
	11/6/2024 3:00	11/6/2024 3:30	30	1	244,206	1	6	Atlas		229,798	1
	11/10/2024 6:00	11/13/2024 7:45	4425	2	17,158,329	1	12	Cloudburst		39,755,848	1
	11/13/2024 19:00	11/16/2024 19:15	4335	3	20,873,021	2	12	Cloudburst		53,330,568	1
	11/19/2024 2:45	11/19/2024 4:00	75	1	1,200,733	1	1	Atlas		1,035,032	1
CSO132 Total										132,688,082	17
CSO140	7/3/2024 20:30	7/3/2024 22:00	90	1	182	1	1	Atlas		202	1
	7/9/2024 22:30	7/9/2024 22:45	15	1	2	0	1	Atlas		1	1
	7/22/2024 19:30	7/22/2024 19:45	15	1	2	1	1	Atlas		2	1
	9/27/2024 13:30	9/27/2024 19:00	330	3	705	1	48	Cloudburst		2,274	1
	11/10/2024 8:45	11/10/2024 10:00	75	2	14,502	1	12	Cloudburst		32,500	1
	11/13/2024 19:15	11/14/2024 3:15	480	3	64,768	2	12	Cloudburst		172,153	1
	11/19/2024 3:15	11/19/2024 6:00	165	1	20,020	1	1	Atlas		17,037	1
CSO140 Total										224,169	7
CSO141	7/3/2024 19:30	7/3/2024 20:00	30	1	39,109	1	1	Atlas		45,210	1
	7/4/2024 13:00	7/4/2024 13:15	15	0	24,587	0	1	Atlas		10,916	1
	7/9/2024 21:45	7/9/2024 22:00	15	1	71,800	0	1	Atlas		38,629	1
	7/22/2024 18:45	7/22/2024 19:00	15	1	20,082	1	1	Atlas		14,941	1
	7/30/2024 13:00	7/30/2024 13:15	15	0	541	0	1	Atlas		96	1
	7/31/2024 15:00	7/31/2024 15:30	30	1	45,278	1	1	Atlas		50,712	1
	8/1/2024 16:30	8/1/2024 16:45	15	1	39,049	1	1	Atlas		29,873	1
	8/16/2024 8:15	8/16/2024 8:30	15	0	79,743	0	1	Atlas		29,585	1
	9/6/2024 15:45	9/6/2024 17:45	120	0	967	0	6	Atlas		297	1
	9/13/2024 5:45	9/13/2024 6:30	45	1	16,511	1	6	Atlas		24,651	1
	9/23/2024 14:45	9/23/2024 15:00	15	0	6,457	0	1	Atlas		704	1
	9/24/2024 5:15	9/24/2024 5:30	15	1	17,597	0	12	Atlas		16,119	1
	11/6/2024 3:15	11/6/2024 3:30	15	1	6,545	1	6	Atlas		6,139	1
	11/10/2024 9:15	11/10/2024 9:30	15	2	324	1	12	Cloudburst		741	1
	11/13/2024 19:15	11/13/2024 20:45	90	3	12,213	2	12	Cloudburst		32,439	1
	11/19/2024 3:15	11/19/2024 3:45	30	1	16,727	1	1	Atlas		13,900	1

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CSO141 Total										314,951	16
CSO144	7/31/2024 15:00	7/31/2024 15:15	15	1	13,180	1	1	Atlas		13,602	1
	8/1/2024 16:30	8/1/2024 16:45	15	1	900	1	1	Atlas		642	1
	11/6/2024 6:15	11/6/2024 14:15	480	1	108	1	6	Atlas		105	1
	11/10/2024 9:15	11/10/2024 17:00	465	2	58	1	12	Cloudburst		129	1
	11/13/2024 19:30	11/13/2024 19:45	15	3	5,756	2	12	Cloudburst		15,156	1
	11/14/2024 4:15	11/14/2024 4:30	15	3	-	2	12	Cloudburst		1	1
CSO144 Total										29,634	6
CSO146	7/3/2024 19:15	7/3/2024 20:15	60	2	451,116	1	1	Atlas		727,650	1
	7/4/2024 12:45	7/4/2024 13:15	30	2	995	0	1	Atlas		1,604	1
	7/9/2024 21:30	7/9/2024 22:15	45	1	99,478	0	1	Atlas		64,959	1
	7/13/2024 17:45	7/13/2024 18:15	30	0	152,790	0	1	Atlas		41,559	1
	7/31/2024 14:30	7/31/2024 15:45	75	1	429,917	0	1	Atlas		391,224	1
	8/1/2024 16:15	8/1/2024 17:00	45	1	127,238	1	1	Atlas		77,361	1
	9/13/2024 5:15	9/13/2024 6:30	75	1	110,311	0	6	Atlas		148,699	1
	9/24/2024 4:45	9/24/2024 5:45	60	1	246,186	1	1	Atlas		242,001	1
	9/27/2024 12:45	9/27/2024 13:30	45	3	5,850	1	48	Cloudburst		19,451	1
	11/6/2024 3:00	11/6/2024 3:30	30	1	38,938	0	6	Atlas		37,770	1
	11/10/2024 7:15	11/10/2024 10:00	165	2	330,803	1	12	Atlas		686,746	1
	11/13/2024 18:45	11/13/2024 22:30	225	3	441,270	2	12	Cloudburst		1,160,983	1
	11/19/2024 3:00	11/19/2024 4:00	60	1	544,555	0	1	Atlas		492,278	1
CSO146 Total										4,092,284	13
CSO148	7/3/2024 19:30	7/3/2024 20:00	30	2	35,982	0	1	Atlas		57,824	1
	7/4/2024 13:00	7/4/2024 13:45	45	2	8,178	1	1	Atlas		13,142	1
	7/9/2024 21:45	7/9/2024 22:00	15	1	20,100	0	1	Atlas		11,156	1
	7/13/2024 18:00	7/13/2024 18:15	15	0	16,482	0	1	Atlas		4,516	1
	7/22/2024 19:00	7/22/2024 19:15	15	0	215,119	0	1	Atlas		47,326	1
	7/29/2024 6:00	7/29/2024 6:15	15	0	11,142	0	1	Atlas		1,571	1
	7/31/2024 15:00	7/31/2024 15:45	45	1	52,258	0	1	Atlas		46,614	1
	8/1/2024 16:30	8/1/2024 16:45	15	1	21,302	1	1	Atlas		14,570	1
	8/2/2024 6:15	8/2/2024 6:30	15	0	137,259	0	1	Atlas		21,412	1
	8/16/2024 8:15	8/16/2024 8:30	15	0	5,936	0	1	Atlas		1,348	1
	9/13/2024 5:15	9/13/2024 10:45	330	1	59,787	1	6	Atlas		83,284	1
	9/24/2024 2:00	9/24/2024 5:30	210	2	20,020	0	24	Atlas		32,011	1
	9/24/2024 16:30	9/24/2024 17:15	45	2	7,726	1	24	Atlas		12,353	1

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	9/27/2024 6:30	9/27/2024 15:30	540	3	2,785	1	48	Cloudburst		9,163	1
	9/28/2024 4:15	9/28/2024 4:30	15	3	55	1	48	Cloudburst		181	1
	10/31/2024 13:15	10/31/2024 13:45	30	0	1,236	0	6	Atlas		404	1
	11/6/2024 3:00	11/6/2024 7:15	255	1	36,903	0	6	Atlas		33,582	1
	11/10/2024 5:15	11/10/2024 9:45	270	2	39,094	1	12	Atlas		75,881	1
	11/13/2024 19:00	11/14/2024 10:15	915	3	46,211	2	12	Cloudburst		129,992	1
	11/19/2024 3:00	11/19/2024 4:00	60	1	82,852	1	1	Atlas		85,089	1
CSO148 Total										681,421	20
CSO149	7/3/2024 19:30	7/3/2024 20:00	30	2	471,038	1	1	Atlas		759,785	1
	7/4/2024 13:00	7/4/2024 14:30	90	2	195,061	0	1	Atlas		314,633	1
	7/31/2024 15:00	7/31/2024 15:30	30	1	62,155	0	1	Atlas		56,561	1
	8/1/2024 16:15	8/1/2024 17:45	90	1	82,529	0	1	Atlas		50,178	1
	9/24/2024 5:00	9/24/2024 5:30	30	1	4,694	0	1	Atlas		4,614	1
	9/27/2024 12:30	9/28/2024 9:45	1275	3	1,146,391	1	48	Cloudburst		3,811,749	1
	11/10/2024 8:30	11/10/2024 13:45	315	2	1,430,225	0	12	Atlas		2,969,146	1
	11/13/2024 19:15	11/14/2024 11:30	975	3	2,631,548	2	12	Cloudburst		6,923,603	1
	11/19/2024 3:15	11/19/2024 3:45	30	1	18,387	1	1	Atlas		16,622	1
CSO149 Total										14,906,890	9
CSO151	7/3/2024 19:15	7/3/2024 20:00	45	1	1,838,380	0	1	Atlas		2,728,156	1
	7/4/2024 12:45	7/4/2024 13:45	60	1	450,411	1	1	Atlas		668,410	1
	7/9/2024 21:15	7/9/2024 22:00	45	1	946,644	0	1	Atlas		492,255	1
	7/13/2024 17:45	7/13/2024 18:15	30	0	570,933	0	1	Atlas		138,737	1
	7/22/2024 18:45	7/22/2024 19:15	30	0	1,184,830	0	1	Atlas		348,340	1
	7/29/2024 9:45	7/29/2024 10:00	15	0	329,563,278	0	1	Atlas		42,843,226	1
	7/31/2024 14:45	7/31/2024 15:45	60	1	2,409,459	1	1	Atlas		2,062,497	1
	8/1/2024 16:15	8/1/2024 17:00	45	1	3,777,426	1	1	Atlas		2,474,214	1
	8/2/2024 6:00	8/2/2024 6:30	30	0	10,894	0	1	Atlas		2,124	1
	8/16/2024 8:00	8/16/2024 8:30	30	0	140,149	0	1	Atlas		30,552	1
	9/13/2024 5:15	9/13/2024 10:30	315	1	530,704	0	6	Atlas		743,516	1
	9/24/2024 4:45	9/24/2024 5:30	45	1	1,827,265	1	1	Atlas		2,251,191	1
	9/24/2024 16:15	9/24/2024 17:00	45	1	838,109	1	1	Atlas		1,032,550	1
	9/27/2024 7:00	9/27/2024 13:30	390	3	52,274	1	48	Cloudburst		172,138	1
	11/6/2024 3:00	11/6/2024 7:15	255	1	417,175	1	6	Atlas		390,059	1
	11/10/2024 6:00	11/10/2024 10:00	240	2	1,615,157	0	12	Atlas		3,325,609	1

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	11/13/2024 18:45	11/13/2024 21:30	165	3	2,763,888	2	12	Cloudburst		7,429,330	1
	11/14/2024 6:30	11/14/2024 10:15	225	3	112,200	2	12	Cloudburst		301,595	1
	11/19/2024 2:30	11/19/2024 4:00	90	1	3,534,637	0	1	Atlas		3,368,509	1
CSO151 Total										70,803,007	19
CSO152	7/3/2024 19:15	7/3/2024 19:45	30	2	199,501	0	1	Atlas		306,832	1
	7/4/2024 12:45	7/4/2024 13:00	15	2	24,055	0	1	Atlas		36,997	1
	7/13/2024 17:45	7/13/2024 18:00	15	0	15,012	0	1	Atlas		3,888	1
	7/22/2024 18:45	7/22/2024 19:15	30	0	182,543	0	1	Atlas		52,390	1
	8/1/2024 16:15	8/1/2024 16:30	15	1	81,795	0	1	Atlas		51,531	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	14,092	1	6	Atlas		13,416	1
CSO152 Total										465,054	6
CSO153	11/14/2024 9:45	11/14/2024 15:15	330	3	885,634	2	12	Cloudburst		2,352,244	1
CSO153 Total										2,352,244	1
CSO154	11/10/2024 9:15	11/10/2024 9:45	30	2	5,924	1	12	Cloudburst		13,727	1
	11/13/2024 20:00	11/13/2024 21:00	60	3	22,113	2	12	Cloudburst		56,500	1
CSO154 Total										70,227	2
CSO160	7/3/2024 19:15	7/3/2024 20:00	45	1	26,098	0	1	Atlas		31,709	1
	7/22/2024 18:45	7/22/2024 19:00	15	0	44,105	0	1	Atlas		21,656	1
	11/13/2024 19:30	11/13/2024 19:45	15	3	2,827	2	12	Cloudburst		7,452	1
CSO160 Total										60,816	3
CSO161	7/3/2024 19:15	7/3/2024 19:45	30	1	20,142	1	1	Atlas		24,473	1
	7/9/2024 21:45	7/9/2024 22:00	15	1	120	0	3	Atlas		76	1
	7/31/2024 14:45	7/31/2024 15:15	30	1	14,540	1	1	Atlas		17,142	1
	8/1/2024 16:15	8/1/2024 16:45	30	1	11,903	1	1	Atlas		10,058	1
	9/13/2024 5:30	9/13/2024 6:15	45	2	2,155	1	6	Atlas		3,485	1
	9/24/2024 5:00	9/24/2024 5:15	15	1	300	0	12	Atlas		241	1
	9/24/2024 13:15	9/24/2024 13:30	15	1	5,944	0	12	Atlas		4,779	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	97	0	6	Atlas		84	1
	11/10/2024 6:15	11/10/2024 7:45	90	2	1,080	1	12	Cloudburst		2,519	1
	11/13/2024 19:00	11/14/2024 3:15	495	3	1,700	2	12	Cloudburst		4,480	1
	11/19/2024 3:15	11/19/2024 3:45	30	1	1,719	1	1	Atlas		1,325	1
CSO161 Total										68,663	11

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CSO166	8/1/2024 16:30	8/1/2024 17:00	30	1	5,161	1	1	Atlas		3,354	1
	11/13/2024 19:15	11/13/2024 20:00	45	3	20,179	2	12	Cloudburst		56,682	1
	11/14/2024 9:45	11/14/2024 10:30	45	3	136,956	2	12	Cloudburst		384,711	1
	11/19/2024 3:15	11/19/2024 4:00	45	1	55,275	1	1	Atlas		53,341	1
CSO166 Total										498,088	4
CSO178	7/3/2024 19:30	7/3/2024 20:00	30	1	184,360	0	1	Atlas		228,054	1
	7/31/2024 15:00	7/31/2024 15:15	15	1	84,435	0	1	Atlas		83,675	1
	11/13/2024 19:30	11/13/2024 19:45	15	3	26,791	2	12	Cloudburst		70,808	1
CSO178 Total										382,537	3
CSO181	7/3/2024 19:30	7/3/2024 19:45	15	1	540,464	1	1	Atlas		636,667	1
CSO181 Total										636,667	1
CSO184	7/4/2024 12:45	7/4/2024 14:45	120	2	109,980	1	1	Atlas		229,968	1
	7/9/2024 21:30	7/9/2024 23:15	105	1	677,990	0	3	Atlas		467,135	1
	7/13/2024 17:45	7/13/2024 19:00	75	0	727,588	0	1	Atlas		280,114	1
	7/17/2024 4:45	7/17/2024 6:00	75	0	20,719	0	3	Atlas	Retained by Sneads Branch.	5,636	1
	7/22/2024 19:00	7/22/2024 20:15	75	0	804,494	0	1	Atlas	Retained by Sneads Branch.	99,757	1
	7/28/2024 12:45	7/28/2024 14:00	75	0	77,341	0	3	Atlas	Retained by Sneads Branch.	23,048	1
	7/29/2024 6:00	7/29/2024 7:00	60	0	188,895	0	1	Atlas	Retained by Sneads Branch.	36,268	1
	7/31/2024 14:15	7/31/2024 16:00	105	1	862,136	1	3	Atlas	Retained by Sneads Branch.	881,965	1
	8/1/2024 16:15	8/1/2024 17:00	45	1	531,249	1	1	Atlas		332,562	1
	8/2/2024 6:15	8/2/2024 6:45	30	0	189,724	0	1	Atlas	Retained by Sneads Branch.	34,150	1
	8/16/2024 8:00	8/16/2024 8:30	30	0	506,132	0	1	Atlas	Retained by Sneads Branch.	87,561	1
	9/13/2024 5:15	9/13/2024 10:00	285	1	436,635	1	6	Atlas	Retained by Sneads Branch.	515,229	1
	9/23/2024 18:45	9/24/2024 5:45	660	0	4,742,029	0	1	Atlas	Retained by Sneads Branch.	573,786	1
	9/27/2024 12:45	9/27/2024 13:45	60	3	36,676	1	48	Cloudburst	Retained by Sneads Branch.	121,801	1
	10/31/2024 15:30	10/31/2024 15:45	15	0	4	0	6	Atlas	Retained by Sneads Branch.	1	1
	11/6/2024 3:00	11/6/2024 8:00	300	1	206,687	0	6	Atlas	Retained by Sneads Branch.	192,012	1
	11/10/2024 5:15	11/10/2024 10:00	285	2	311,486	0	12	Atlas	Retained by Sneads Branch.	602,725	1
	11/13/2024 19:00	11/14/2024 10:15	915	3	420,729	2	12	Cloudburst	Retained by Sneads Branch.	1,153,639	1
	11/19/2024 3:00	11/19/2024 4:00	60	1	747,317	0	1	Atlas	Retained by Sneads Branch.	804,860	1
CSO184 Total										6,442,216	19
CSO189	7/3/2024 19:15	7/3/2024 22:45	210	1	13,473,509	0	3	Atlas		16,882,307	1
	7/4/2024 13:00	7/4/2024 14:30	90	0	20,051,204	0	1	Atlas		7,639,509	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
	7/9/2024 9:45	7/9/2024 10:45	60	1	6,225.827	0	1	Atlas		8,803,319	1
	7/31/2024 14:45	7/31/2024 17:00	135	1	21,310.592	0	1	Atlas		23,292,478	1
	8/1/2024 16:15	8/1/2024 17:45	90	0	18,341.566	0	1	Atlas		9,079,075	1
	9/27/2024 15:45	9/27/2024 18:00	135	4	1,003.877	2	48	Cloudburst		3,745,465	1
	9/28/2024 5:30	9/28/2024 10:00	270	4	1,290.546	2	48	Cloudburst		4,815,028	1
	11/10/2024 7:15	11/10/2024 13:30	375	2	5,929.186	0	6	Atlas		12,558,015	1
	11/13/2024 19:15	11/14/2024 5:30	615	2	8,284.410	0	12	Atlas		17,654,078	1
CSO189 Total										104,469,274	9
CSO193	7/3/2024 19:15	7/3/2024 19:45	30	1	14,890	0	1	Atlas		18,419	1
	7/9/2024 21:30	7/9/2024 22:15	45	1	7,673	0	3	Atlas		5,202	1
	7/22/2024 19:00	7/22/2024 19:15	15	0	59	0	1	Atlas		16	1
	9/13/2024 5:45	9/13/2024 10:00	255	2	674	0	6	Atlas		1,048	1
	9/24/2024 5:15	9/24/2024 5:30	15	1	2,162	0	12	Atlas		1,725	1
	9/27/2024 7:15	9/27/2024 13:30	375	3	1,140	1	48	Cloudburst		3,756	1
	11/6/2024 3:00	11/6/2024 7:15	255	1	20,679	0	6	Atlas		17,473	1
	11/10/2024 5:15	11/10/2024 9:45	270	2	9,121	1	12	Cloudburst		20,925	1
	11/13/2024 19:15	11/13/2024 21:45	150	3	13,873	2	12	Cloudburst		36,666	1
	11/19/2024 3:15	11/19/2024 3:45	30	1	8,072	0	1	Atlas		6,458	1
CSO193 Total										111,687	10
CSO195	7/3/2024 19:30	7/3/2024 19:45	15	2	33,599	0	1	Atlas		58,295	1
	7/31/2024 15:00	7/31/2024 15:15	15	1	20,338	0	1	Atlas		18,243	1
	11/13/2024 19:15	11/13/2024 19:30	15	3	29	2	12	Cloudburst		80	1
CSO195 Total										76,618	3
CSO196	7/3/2024 19:15	7/3/2024 19:45	30	2	6,826	0	1	Atlas		11,844	1
	7/9/2024 21:30	7/9/2024 22:15	45	1	2,752	0	3	Atlas		1,882	1
	7/13/2024 17:45	7/13/2024 18:00	15	0	448	0	1	Atlas		78	1
	7/31/2024 14:45	7/31/2024 15:30	45	1	67,596	0	1	Atlas		60,633	1
	8/1/2024 16:15	8/1/2024 16:30	15	1	3,019	0	1	Atlas		2,002	1
	8/16/2024 8:00	8/16/2024 8:15	15	0	9,393	0	1	Atlas		3,109	1
	9/13/2024 6:00	9/13/2024 6:15	15	1	430	0	6	Atlas		618	1
	9/24/2024 5:00	9/24/2024 5:15	15	1	44,040	0	1	Atlas		35,364	1
	9/27/2024 13:00	9/27/2024 13:15	15	3	4	1	48	Cloudburst		14	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	288	0	6	Atlas		266	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
	11/13/2024 19:15	11/13/2024 20:30	75	3	23,236	2	12	Cloudburst		62,737	1
	11/19/2024 3:15	11/19/2024 3:45	30	1	3,283	0	1	Atlas		2,781	1
CSO196 Total										181,330	12
CSO197	7/3/2024 19:15	7/3/2024 19:45	30	2	871	0	1	Atlas		1,512	1
	7/9/2024 21:30	7/9/2024 22:15	45	1	1,655	0	3	Atlas		1,132	1
	7/22/2024 18:45	7/22/2024 19:00	15	0	1,733	0	1	Atlas		503	1
	7/31/2024 14:45	7/31/2024 15:30	45	1	4,649	0	1	Atlas		4,171	1
	8/1/2024 16:15	8/1/2024 16:30	15	1	3,405	0	1	Atlas		2,257	1
	8/16/2024 8:00	8/16/2024 8:15	15	0	4,196	0	1	Atlas		1,389	1
	9/24/2024 5:00	9/24/2024 5:15	15	1	1,414	0	1	Atlas		1,136	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	406	0	6	Atlas		376	1
	11/13/2024 19:00	11/13/2024 20:30	90	3	1,027	2	12	Cloudburst		2,774	1
	11/19/2024 3:15	11/19/2024 3:30	15	1	1,341	0	1	Atlas		1,136	1
CSO197 Total										16,384	10
CSO198	7/3/2024 19:15	7/3/2024 19:45	30	2	10,442	0	1	Atlas		18,117	1
	7/9/2024 21:30	7/9/2024 22:15	45	1	16,544	0	3	Atlas		11,316	1
	7/22/2024 18:45	7/22/2024 19:00	15	0	1,108	0	1	Atlas		321	1
	7/31/2024 14:45	7/31/2024 15:30	45	1	22,785	0	1	Atlas		20,438	1
	8/1/2024 16:15	8/1/2024 16:30	15	1	3,903	0	1	Atlas		2,587	1
	8/16/2024 8:00	8/16/2024 8:15	15	0	21,842	0	1	Atlas		7,230	1
	9/13/2024 6:00	9/13/2024 6:15	15	1	411	0	6	Atlas		592	1
	9/24/2024 5:00	9/24/2024 5:15	15	1	12,443	0	1	Atlas		9,992	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	1,685	0	6	Atlas		1,559	1
	11/13/2024 19:00	11/13/2024 20:30	90	3	5,540	2	12	Cloudburst		14,958	1
	11/19/2024 3:15	11/19/2024 3:30	15	1	7,918	0	1	Atlas		6,706	1
CSO198 Total										93,817	11
CSO199	7/3/2024 19:30	7/3/2024 20:00	30	2	24,148	0	1	Atlas		41,897	1
	7/4/2024 12:45	7/4/2024 13:15	30	2	30	0	1	Atlas		52	1
	7/9/2024 21:30	7/9/2024 22:30	60	1	1,045	0	3	Atlas		715	1
	7/22/2024 18:45	7/22/2024 19:15	30	0	2,990	0	1	Atlas		867	1
	7/31/2024 14:45	7/31/2024 15:45	60	1	36,055	0	1	Atlas		32,342	1
	8/1/2024 16:15	8/1/2024 16:45	30	1	1,604	0	1	Atlas		1,063	1
	8/2/2024 6:15	8/2/2024 6:30	15	0	191	0	1	Atlas		61	1
	8/16/2024 8:00	8/16/2024 8:30	30	0	40,999	0	1	Atlas		13,571	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 5:00	9/24/2024 5:30	30	1	40,982	0	1	Atlas		32,909	1
	9/27/2024 7:15	9/27/2024 13:30	375	3	38	1	48	Cloudburst		126	1
	11/6/2024 3:00	11/6/2024 3:30	30	1	308	0	6	Atlas		285	1
	11/10/2024 6:15	11/10/2024 9:45	210	2	559	1	12	Cloudburst		1,235	1
	11/13/2024 19:00	11/13/2024 20:45	105	3	6,256	2	12	Cloudburst		16,892	1
	11/19/2024 3:00	11/19/2024 3:45	45	1	10,950	0	1	Atlas		9,274	1
CSO199 Total										151,288	14
CSO200	7/3/2024 19:45	7/3/2024 20:00	15	2	103	0	1	Atlas		179	1
CSO200 Total										179	1
CSO201	7/3/2024 19:30	7/3/2024 20:00	30	1	58,676	0	1	Atlas		72,583	1
	7/4/2024 13:00	7/4/2024 13:15	15	1	2,995	0	1	Atlas		1,501	1
	7/9/2024 21:45	7/9/2024 22:00	15	1	8,450	0	3	Atlas		5,729	1
	7/31/2024 15:00	7/31/2024 15:30	30	1	19,716	0	1	Atlas		19,539	1
	8/1/2024 16:30	8/1/2024 16:45	15	1	17,366	0	1	Atlas		14,674	1
	9/24/2024 5:15	9/24/2024 5:30	15	1	16,431	0	12	Atlas		13,112	1
	11/13/2024 19:30	11/13/2024 19:45	15	3	8,324	2	12	Cloudburst		22,001	1
	11/19/2024 3:30	11/19/2024 3:45	15	1	891	0	1	Atlas		713	1
CSO201 Total										149,851	8
CSO202	7/3/2024 19:30	7/3/2024 20:00	30	2	22,066	0	1	Atlas		38,284	1
	7/4/2024 13:00	7/4/2024 13:15	15	2	86	0	1	Atlas		150	1
	7/9/2024 21:45	7/9/2024 22:00	15	1	1,446	0	3	Atlas		989	1
	7/22/2024 18:45	7/22/2024 19:15	30	0	6,911	0	1	Atlas		2,004	1
	7/31/2024 15:00	7/31/2024 15:45	45	1	2,847	0	1	Atlas		2,554	1
	8/1/2024 16:30	8/1/2024 16:45	15	1	3,119	0	1	Atlas		2,068	1
	8/2/2024 6:15	8/2/2024 6:30	15	0	65	0	1	Atlas		21	1
	8/16/2024 8:15	8/16/2024 8:30	15	0	1,226	0	1	Atlas		406	1
	9/13/2024 5:30	9/13/2024 9:45	255	1	1,162	0	6	Atlas		1,672	1
	9/24/2024 5:00	9/24/2024 5:30	30	1	1,871	0	1	Atlas		1,502	1
	11/6/2024 3:00	11/6/2024 3:15	15	1	315	0	6	Atlas		292	1
	11/10/2024 6:15	11/10/2024 9:30	195	2	1,379	1	12	Cloudburst		3,046	1
	11/13/2024 19:00	11/13/2024 20:45	105	3	3,549	2	12	Cloudburst		9,583	1
	11/19/2024 3:00	11/19/2024 3:45	45	1	4,668	0	1	Atlas		3,953	1
CSO202 Total										66,524	14
CSO203	7/3/2024 19:30	7/3/2024 20:00	30	2	24,979	0	1	Atlas		43,339	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
	7/4/2024 13:00	7/4/2024 13:15	15	2	1	0	1	Atlas		2	1
	7/9/2024 21:45	7/9/2024 22:00	15	1	27	0	3	Atlas		19	1
	7/31/2024 15:00	7/31/2024 15:30	30	1	724	0	1	Atlas		650	1
	8/1/2024 16:30	8/1/2024 16:45	15	1	1,247	0	1	Atlas		827	1
	9/24/2024 5:15	9/24/2024 5:30	15	1	2,407	0	1	Atlas		1,932	1
	11/13/2024 19:15	11/13/2024 19:45	30	3	1,001	2	12	Cloudburst		2,704	1
CSO203 Total										49,472	7
CSO208	7/3/2024 19:15	7/3/2024 19:30	15	1	5,630	0	1	Atlas		7,673	1
	7/31/2024 14:45	7/31/2024 15:00	15	1	1,089	0	1	Atlas		1,298	1
CSO208 Total										8,971	2
CSO210	7/3/2024 19:00	7/5/2024 14:00	2580	2	5,214,361	0	1	Atlas		10,058,503	1
	7/9/2024 9:30	7/9/2024 13:30	240	1	58,466	0	1	Atlas		69,049	1
	7/9/2024 22:00	7/10/2024 12:00	840	1	197,432	0	1	Atlas		233,167	1
	7/22/2024 18:15	7/23/2024 0:15	360	0	381,168	0	1	Atlas		88,050	1
	7/29/2024 5:30	7/29/2024 11:00	330	1	101,571	0	24	Atlas		94,359	1
	7/31/2024 14:30	8/1/2024 0:15	585	1	465,905	0	1	Atlas		502,246	1
	8/1/2024 16:00	8/2/2024 12:45	1245	0	1,646,128	0	1	Atlas		507,007	1
	8/16/2024 9:30	8/16/2024 12:45	195	0	397,850	0	1	Atlas		59,280	1
	9/13/2024 6:00	9/13/2024 18:00	720	1	292,841	0	6	Atlas		412,319	1
	9/24/2024 4:45	9/25/2024 1:15	1230	1	760,800	0	12	Atlas		483,108	1
	9/27/2024 2:00	9/29/2024 4:45	3045	4	356,312	2	48	Cloudburst		1,351,136	1
	10/31/2024 14:00	10/31/2024 18:15	255	0	177,545	0	3	Atlas		81,848	1
	11/6/2024 3:45	11/6/2024 20:00	975	1	559,431	0	6	Atlas		525,865	1
	11/10/2024 5:30	11/11/2024 6:00	1470	2	420,130	1	6	Cloudburst		962,098	1
	11/13/2024 18:45	11/16/2024 3:15	3390	2	744,900	2	12	Cloudburst		1,807,128	1
	11/19/2024 3:00	11/20/2024 2:45	1425	1	763,682	0	1	Atlas		546,797	1
	11/28/2024 2:00	11/28/2024 11:15	555	0	636,241	0	6	Atlas		187,055	1
CSO210 Total										17,969,015	17
CSO211	7/3/2024 19:30	7/4/2024 3:15	465	2	21,299,381	0	1	Atlas		41,086,506	1
	7/4/2024 13:30	7/4/2024 15:45	135	2	1,777,833	0	1	Atlas		3,429,441	1
	7/9/2024 22:15	7/10/2024 0:45	150	1	4,865,294	0	1	Atlas		5,745,913	1
	7/31/2024 15:00	7/31/2024 21:00	360	1	24,844,656	0	1	Atlas		26,782,539	1
	8/1/2024 17:15	8/1/2024 19:30	135	0	7,021,945	0	1	Atlas		2,162,759	1
	9/13/2024 6:15	9/13/2024 12:15	360	1	17,621,830	0	6	Atlas		24,811,537	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 5:45	9/24/2024 8:00	135	1	8,666,828	0	12	Atlas		5,503,436	1
	9/24/2024 18:45	9/24/2024 20:00	75	1	638,263	0	12	Atlas		405,297	1
	9/27/2024 6:30	9/28/2024 19:15	2205	4	27,276,332	2	48	Cloudburst		103,431,850	1
	11/6/2024 4:00	11/6/2024 15:45	705	1	16,913,838	0	6	Atlas		15,899,008	1
	11/10/2024 6:00	11/10/2024 22:30	990	2	31,149,597	1	6	Cloudburst		71,332,576	1
	11/13/2024 19:15	11/14/2024 23:45	1710	2	51,126,253	2	12	Cloudburst		124,032,290	1
	11/19/2024 3:30	11/19/2024 14:00	630	1	30,423,776	0	1	Atlas		21,783,424	1
CSO211 Total										446,406,574	13

APPENDIX B

ANNUAL AVERAGE OVERFLOW VOLUME

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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	
015	8	125	1095	18		861	9930	166		2780	68590	1143	
016	8	0	285	5		49	16035	267		39	5625	94	
018	0	0	0	0		10	930	16		158	30045	501	
019	8	14	435	7		14	480	8		193	15990	267	
020	8	1	435	7		298	24075	401		355	26115	435	
022	8	2	315	5		2	435	7		5	945	16	
023	8	0	0	0		0	0	0		2	525	9	
027	N/A5	0	0	0		0	0	0		0	0	0	
028	8	0	0	0		0	0	0		1	2520	42	
029	8	0	105	2		0	180	3		5	6315	105	
031	N/A5	0	0	0		0	0	0		0	0	0	
034	8	0	180	3		0	300	5		3	7680	128	
035	N/A5	0	0	0		0	30	0		0	0	0	
036	8	0	165	3		0	255	4		0	480	8	
038	N/A5	0	195	3		0	375	6		0	390	7	
050	8	0	0	0		0	0	0		20	7230	121	
051	8	0	0	0		10	5895	98		0	1020	17	
052	N/A6	CSO Reporting Merged with CSO051				CSO Reporting Merged with CSO051				3	2700	45	
053	8	0	0	0		0	285	5		8	11100	185	
054	8	0	465	8		0	255	4		2	8865	148	
055	8	1	510	9		1	240	4		5	2535	42	
056	8	0	0	0		0	30	0		4	2550	43	
057	N/A5	0	0	0		0	0	0		0	0	0	
058	8	0	0	0		0	0	0		51	21510	359	
062	8	1	255	4		29	3615	60		100	18525	309	
082	0	0	0	0		3	1500	25		19	11925	199	
083	N/A6	CSO Reporting Merged with CSO119				CSO Reporting Merged with CSO119				1	345	6	
084	0	0	0	0		4	1125	19		19	5205	87	
086	N/A5	0	0	0		0	0	0		0	0	0	
088	4	0	45	0		0	105	2		11	8685	145	
091	8	0	0	0		0	0	0		3	9675	161	
092	N/A5	0	0	0		0	0	0		1	30	0	
093	0	0	0	0		0	0	0		0	60	1	
097	8	0	285	5		0	345	6		18	12390	207	
104	N/A6	CSO Reporting Merged with CSO105				CSO Reporting Merged with CSO105				10	2955	49	

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	
105	8	29	585	10		69	1545	26		260	9450	158	
106	N/A4		N/A - CSO Eliminated				N/A - CSO Eliminated				0	2040	34
108	8	2	210	4		3	525	9		52	7410	124	
109	N/A5	2	705	12		2	1095	18		1	1695	28	
110	8	0	240	4		0	285	5		20	9735	162	
111	8	1	315	5		1	360	6		5	3675	61	
113	8	0	0	0		0	0	0		6	2475	41	
117	8	35	2415	40		47	3525	59		86	13320	222	
118	0	0	0	0		26	2295	38		118	10350	173	
119	0	1	1185	20		3	1755	29		10	7830	131	
120	0	0	0	0		2	1290	22		8	6825	114	
121	0	0	0	0		2	450	8		6	1890	32	
125	4	0	0	0		6	705	12		24	5295	88	
126	4	0	0	0		0	375	6		3	3225	54	
127	N/A4		N/A - CSO Eliminated				N/A - CSO Eliminated				12	4170	70
130	8	0	0	0		0	0	0		2	0	0	
131	4	0	75	1		0	135	2		2	135	2	
132	4	0	0	0		0	0	0		83	0	0	
137	N/A4		N/A - CSO Eliminated				N/A - CSO Eliminated				10	7950	133
140	0	0	0	0		0	165	3		3	3030	51	
141	0	0	0	0		0	0	0		1	10215	170	
142	N/A6		CSO Reporting Merged with CSO184				CSO Reporting Merged with CSO184				0	0	0
144	N/A5	1	345	6		1	495	8		1	225	4	
146	8	1	315	5		1	405	7		38	5910	99	
148	8	0	0	0		0	0	0		1	1650	28	
149	8	22	1920	32		26	2715	45		139	7590	127	
150	N/A6		CSO Reporting Merged with CSO053				CSO Reporting Merged with CSO053				1	1575	26
151	8	0	90	2		0	165	3		98	35145	586	
152	8	6	720	12		8	960	16		59	11715	195	
153	0	0	0	0		5	3960	66		19	15345	256	
154	4	0	0	0		0	0	0		23	15480	258	
155	8	0	0	0		0	0	0		1	2130	36	
160	0	0	0	0		0	0	0		0	465	8	
161	N/A5	0	0	0		0	0	0		0	0	0	
166	4	0	0	0		0	45	0		53	5595	93	
167	N/A6		CSO Reporting Merged with CSO132				CSO Reporting Merged with CSO132				1	1890	32

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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
172	N/A4		N/A - CSO Eliminated			N/A - CSO Eliminated		1	2265	38
174	N/A6		CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184		14	6660	111
178	8	0	75	1	0	105	2	20	11250	188
179	N/A6		CSO Reporting Merged with CSO149			CSO Reporting Merged with CSO149		0	0	0
180	N/A6		CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184		0	165	3
181	8	0	0	0	0	0	0	4	8835	147
182	N/A6		CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184		31	5700	95
183	N/A6		CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184		0	0	0
184	N/A6	5	645	11	5	645	11	0	840	14
185	N/A6		CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184		2	1755	29
186	N/A6		CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184		0	0	0
187	N/A6		CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184		0	0	0
188	N/A6		CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184		0	0	0
189	8	25	555	9	66	1785	30	240	11505	192
190	8	1	210	4	0	345	6	30	7380	123
191	N/A6		CSO Reporting Merged with CSO015			CSO Reporting Merged with CSO015		4	1095	18
193	8	0	180	3	0	315	5	0	315	5
195	8	0	0	0	0	135	2	3	10545	176
196	8	0	0	0	0	240	4	0	495	8
197	8	0	165	3	0	270	5	3	8385	140
198	N/A5	0	150	3	0	255	4	0	510	9
199	8	0	150	3	0	255	4	1	7605	127
200	8	0	0	0	0	0	0	2	12120	202
201	N/A5	0	240	4	0	465	8	1	1245	21
202	8	0	150	3	0	285	5	0	1695	28
203	N/A5	0	0	0	0	255	4	0	0	0
205	N/A6		CSO Reporting Merged with CSO184			CSO Reporting Merged with CSO184		0	150	3
206	N/A4		N/A - CSO Eliminated			N/A - CSO Eliminated		29	14805	247
207	N/A5	0	0	0	0	0	0	0	0	0
208	N/A5	0	375	6	0	660	11	1	4890	82
210	8	2	375	6	17	13110	219	19	5835	97
211	8	34	690	12	1066	20235	337	1090	18585	310

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 project model. 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.

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
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 Morris Forman WQTC. 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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**SECOND AMENDED CONSENT DECREE
MID-YEAR STATUS REPORT FY25
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WQIC NAME	WQIC 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	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	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	3825189	WO#3825370.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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	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	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	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	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	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#3825368.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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	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	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	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.

**SECOND AMENDED CONSENT DECREE
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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	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. THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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. THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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 CLEANUP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. LOCATION INCLUDED IN IOAPA SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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 RESULT-ED IN NO DEBRIS REMAINING. LOCATION INCLUDED IN IOAPA SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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 THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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 CLEANUP PERFORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM. THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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 THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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 THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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 THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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 THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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 THIS LOCATION IS INCLUDED IN THE IN-TEGRATED OVERFLOW ABATEMENT PLAN.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IN-TEGRATED 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	KY0022411	1044 ALTA VISTARD	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.
MORRIS FORMAN	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	WO#3853954	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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 RESULT-ED IN NO DEBRIS REMAINING.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	KY0022411	1001 BRECKEN- RIDGE LN	9/27/2024 11:00	9/29/2024 6:30	4,700,000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3853683	NO CLEAN UPPER- FORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	KY0022411	202 OX-MOOR 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	WO#3853953	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	KY0022411	1726 FRA-SER 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 UPPER- FORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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	WO#3853949	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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	WO#3853950	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	KY0022411	201 BUL-LITT 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	WO#3853955	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
FLOYDS FORK	KY0102784	12610 TOWNE CREEK RD	9/27/2024 22:01	9/28/2024 17:45	11,860	Sewer Lift Station	SSPSFF-MITI			POWER OUTAGE (LG&E).	POWER OUTAGE (LG&E)	3853803	MAGNITUDE OF STORM RESULT-ED IN NO DEBRIS REMAINING.	LG&E RESTORED POWER.
HITE CREEK	KY0022420	7260 FLOYDS-BURG RD	9/27/2024 22:30	9/28/2024 3:02	23,000	Sewer Lift Station	SSPSHC-FL-BR	DITCH	FLOYDS FORK	POWER OUTAGE (LG&E).	POWER OUTAGE (LG&E)	3853805	MAGNITUDE OF STORM RESULT-ED IN NO DEBRIS REMAINING.	LG&E RESTORED POWER.
MORRIS FORMAN	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 RESULT-ED IN NO DEBRIS REMAINING.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

WOTC NAME	WOTC 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	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	KY0022411	4335 PRUITT CT	9/28/2024 9:40	9/28/2024 18:38	9,120	Sewer Manhole	08429	GROUND	BUECHEL 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	KY0022411	9 MUIR-FIELD 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	KY0022411	4801 CAS-SIA 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#3853956.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
DEREK R. GUTHRIE	KY0078956	9114 CIN-DERELLA 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.
HITE CREEK	KY0022420	7260 FLOYDS-BURG RD	9/28/2024 11:40	9/29/2024 17:39	19,000	Sewer Lift Station	SSPSHC-FL-BR	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	KY0096540	10800 FAIR-MOUNT 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	3853893	MSD PERSONNEL WILL CLEAN AND SANITIZE THE IMPACTED AREA.	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
MORRIS FORMAN	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	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 UNDERGROUND, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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#3868931.	LOCATION INCLUDED IN IOAP A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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#3868935.	LOCATION INCLUDED IN IOAP A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

**SECOND AMENDED CONSENT DECREE
MID-YEAR STATUS REPORT FY25
JULY 1, 2024 - DECEMBER 31, 2024**



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	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 CA-PAVITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868679	WO#3868936.	LOCATION INCLUDED IN IOAP A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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 CA-PAVITY 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	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 CA-PAVITY 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	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 CA-PAVITY 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	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 CA-PAVITY 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	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 CA-PAVITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868773	NO CLEAN UP PER- FORMED - 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	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 CA-PAVITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868775	MAGNITUDE OF STORM RESULT- ED IN NO DEBRIS REMAINING.	LOCATION INCLUDED IN IOAP A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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 CA-PAVITY 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.
MORRIS FORMAN	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 CA-PAVITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868777	MAGNITUDE OF STORM RESULT- ED IN NO DEBRIS REMAINING.	LOCATION INCLUDED IN IOAP A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	KY0022411	201 BUL- LITT LN	11/10/2024 13:00	11/10/2024 6:40	26,500	Sewer Manhole	47582	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY CA-PAVITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868814	WO#3868962.	LOCATION INCLUDED IN IOAP A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	KY0022411	202 OX- MOOR 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 CA-PAVITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3868815	WO#3868961.	LOCATION INCLUDED IN IOAP A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

**SECOND AMENDED CONSENT DECREE
MID-YEAR STATUS REPORT FY25
JULY 1, 2024 - DECEMBER 31, 2024**

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	KY0022411	4801 CAS-SIA 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	KY0022411	1304 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	KY0022411	1726 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 PER- FORMED - 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	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 PER- FORMED - PIPE DISCHARGING UNDERGROUND, DIRECTLY INTO STREAM.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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#3868931.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	KY0022411	1001 BRECKENRIDGE LN	11/13/2024 21:15	11/15/2024 14:15	6,000,000	Sewer Manhole	08935-SM	STREAM	MIDDLE FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3869501	NO CLEAN UP PER- FORMED - 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	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#3868935.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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#3868936.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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#3868937.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

**SECOND AMENDED CONSENT DECREE
MID-YEAR STATUS REPORT FY25
JULY 1, 2024 - DECEMBER 31, 2024**



WOTC NAME	WOTC 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	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#3868939.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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#3868940.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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#3868941.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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#3868923.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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#3868922.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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#3868926.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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	WO38689824.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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#3868927.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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#38689653.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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#3868929.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	KY0022411	2001 TER- RILL 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#3868932.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.

**SECOND AMENDED CONSENT DECREE
MID-YEAR STATUS REPORT FY25
JULY 1, 2024 - DECEMBER 31, 2024**

WQIC NAME	WQIC 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	KY0022411	2011 TERRIL 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	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	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	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	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	KY0022411	7900 SHELLBYVILLE 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.
MORRIS FORMAN	KY0022411	7913 SHELLBYVILLE 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	KY0022411	4801 CASIA CT	11/14/2024 7:22	11/15/2024 8:20	149,800	Sewer Manhole	46623	STREAM	MIDDLE 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	KY0022411	1804 ROUND RIDGE RD	11/14/2024 7:25	11/15/2024 8:23	149,800	Sewer Manhole	65623	STREAM	MIDDLE 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	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	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.

**SECOND AMENDED CONSENT DECREE
MID-YEAR STATUS REPORT FY25
JULY 1, 2024 - DECEMBER 31, 2024**



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	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	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	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
MORRIS FORMAN	KY0022411	6001 RODES CT	11/14/2024 16:02	11/14/2024 16:02	1,020	Sewer Lift Station	SSPSMF-NEWWM	STREAM	MUDDY FORK BEARGRASS CREEK	ELECTRICAL COMPONENT FAILURE.	ELECTRICAL PROBLEMS AT MSD	3869681	NONE POSSIBLE DUE TO MAGNITUDE OF STORM.	ELECTRICIAN RETURN STATION BACK TO SERVICE.
MORRIS FORMAN	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	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	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	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	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.

**SECOND AMENDED CONSENT DECREE
MID-YEAR STATUS REPORT FY25
JULY 1, 2024 - DECEMBER 31, 2024**

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	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 CLEANUP 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	KY0022411	1726 FRASER DR	12/16/2024 15:15	12/16/2024 20:30	8,655	Sewer Manhole	16649	DITCH	SOUTH FORK BEARGRASS CREEK	LACK OF SYSTEM CAPACITY HEAVY RAIN.	LACK OF SYSTEM CAPACITY	3880129	NO CLEANUP 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	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	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	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	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 CLEANUP 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	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 CLEANUP 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	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	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.

**SECOND AMENDED CONSENT DECREE
MID-YEAR STATUS REPORT FY25
JULY 1, 2024 - DECEMBER 31, 2024**



WGTC NAME	WGTC KPDES#	OVERFLOW LOCATION	START DATE & TIME	STOP DATE & TIME	VOLUME (GAL)	SOURCE SYSTEM TYPE	SOURCE ASSET ID	SOURCE DISCHARGES TO	RECEIVING STREAM	CAUSE	DUE TO	WO #	CLEANUP EFFORTS	REPAIR EFFORTS
MORRIS FORMAN	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	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	KY0022411	3406 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	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.
MORRIS FORMAN	KY0022411	1001 BRECKEN-RIDGE 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	3880997	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	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	KY0022411	3620 CHARLANE PKY	12/18/2024 9:20	12/18/2024 13:10	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	KY0022411	3620 CHARLANE PKY	12/18/2024 9:25	12/18/2024 13:15	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	KY0022411	202 OX-MOOR 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	KY0022411	201 BUL-LITT 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	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.

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	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 PER- FORMED - 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	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 PER- FORMED - 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	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	WO#3886338.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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	WO#3886339.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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	WO#3886340.	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
MORRIS FORMAN	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 PER- FORMED - 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	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	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	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.

APPENDIX D

UNAUTHORIZED DISCHARGES - DRY WEATHER CSOs

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**SECOND AMENDED CONSENT DECREE
MID-YEAR STATUS REPORT FY25
JULY 1, 2024 - DECEMBER 31, 2024**



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	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	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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APPENDIX E

UNAUTHORIZED DISCHARGES - DRY WEATHER SSOs

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**SECOND AMENDED CONSENT DECREE
MID-YEAR STATUS REPORT FY25
JULY 1, 2024 - DECEMBER 31, 2024**



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	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	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	KY0022411	9000 WESSEX PL	11/4/2024 10:50	11/4/2024 11:15	10	Sewer Service Line	HU16742029	GROUND	MIDDLE FORK BEARGRASS CREEK	OBSTRUCTION IN MAIN SEWER / STRUCTURAL DAMAGE.	OBSTRUCTION- NOT GREASE / ROOTS	3863261	MSD PERSONNEL WILL CLEAN AND SANITIZE IMPACTED.	REFER TO AREA SUPERVISOR FOR NEEDED REPAIRS.
FLOYDS FORK	KY0102784	3005 LONG CREEK WAY	11/20/2024 18:10	11/21/2024 4:15	2,000	Sewer Valve	109247-V	GROUND	KLEMENZ CREEK	MECHANICAL FAILURE (BROKEN ARV).	MECHANICAL FAILURE	3877023	CLEANED AND SANITIZED THE IMPACTED AREA.	REPAIRED THE ARV(INSTALLED REPAIR BAND TO STOP DISCHARGE).

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APPENDIX F

BYPASSES AT WATER QUALITY TREATMENT CENTERS

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**SECOND AMENDED CONSENT DECREE
MID-YEAR STATUS REPORT FY25
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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
CEDAR CREEK	KY0098540	8405 CEDAR CREEK RD	8/1/2024 20:30	8/2/2024 13:28	500	MSD0289	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.
MORRIS FORMAN	KY0022411	4522 ALGONQUIN PKY	9/2/2024 14:37	9/2/2024 19:00	25,000,000	MSD0278	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.
MORRIS FORMAN	KY0022411	4522 ALGONQUIN PKY	11/6/2024 3:36	11/6/2024 4:13	18,500	MSD0278	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 I/S

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APPENDIX G

IOAP PROJECT CROSSWALK

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SECOND AMENDED CONSENT DECREE
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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	64054	AMADMIRALWAYPS
ADMIRAL WAY FORCE MAIN DIVERSION	AM	93703	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-OLDLC	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	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
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

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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	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	104231	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	13943	S_SF_MF_30917_M_09_A
CAMP TAYLOR SYSTEM IMPROVEMENT PHASE 1 - SSES	SSDP-SSO	13946	S_SF_MF_30917_M_09_A
CAMP TAYLOR SYSTEM IMPROVEMENT PHASE 1 - SSES	SSDP-SSO	34093542	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 IMPROVEMENT PHASE 1 - SSES	SSDP-SSO	KK14815019	S_SF_MF_30917_M_09_A
CAMP TAYLOR SYSTEM IMPROVEMENT PHASE 1 - SSES	SSDP-SSO	KK14855239	S_SF_MF_30917_M_09_A
CAVEN AVENUE PS ELIMINATION	SSDP-SSO	17724	S_PO_WC_PC09_M_09B_C
CAVEN AVENUE PS ELIMINATION	SSDP-SSO	27116	S_PO_WC_PC09_M_09B_C
CAVEN AVENUE PS ELIMINATION	SSDP-SSO	61667	S_PO_WC_PC09_M_09B_C
CAVEN AVENUE PS ELIMINATION	SSDP-SSO	61687	S_PO_WC_PC09_M_09B_C
CAVEN AVENUE PS ELIMINATION	SSDP-SSO	70212	S_PO_WC_PC09_M_09B_C
CAVEN AVENUE PS ELIMINATION	SSDP-SSO	MSD0133-PS	S_PO_WC_PC09_M_09B_C
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO028	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO029	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO034	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO036	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO178	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO181	L_OR_MF_155_M_09B_B_B_4-1
CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO193	L_OR_MF_155_M_09B_B_B_4-1
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

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CENTRAL RELIEF DRAIN CSO IN-LINE STORAGE, GREEN INFRASTRUCTURE, AND DISTRIBUTED STORAGE	LTCP-CSO	CSO202	L_OR_MF_155_M_09B_B_4-1
CHARLESWOOD INTERCEPTOR EXTENSION	SSDP-SSO	25477	S_PO_WC_PC03_M_01_C
CHARLESWOOD INTERCEPTOR EXTENSION	SSDP-SSO	25479	S_PO_WC_PC03_M_01_C
CHARLESWOOD INTERCEPTOR EXTENSION	SSDP-SSO	25480	S_PO_WC_PC03_M_01_C
CHARLESWOOD INTERCEPTOR EXTENSION	SSDP-SSO	MSD0130-PS	S_PO_WC_PC03_M_01_C
CINDERELLA PS ELIMINATION	SSDP-SSO	102339	S_PO_WC_PC04_M_01_C
CINDERELLA PS ELIMINATION	SSDP-SSO	35309	S_PO_WC_PC04_M_01_C
CINDERELLA PS ELIMINATION	SSDP-SSO	60679	S_PO_WC_PC04_M_01_C
CINDERELLA PS ELIMINATION	SSDP-SSO	SSPSDG-CIND	S_PO_WC_PC04_M_01_C
CLIFTON HEIGHTS STORAGE BASIN	LTCP-CSO	CSO083-M	L_MU_MF_154_M_09B_B_A_8
CLIFTON HEIGHTS STORAGE BASIN	LTCP-CSO	CSO088	L_MU_MF_154_M_09B_B_A_8
CLIFTON HEIGHTS STORAGE BASIN	LTCP-CSO	CSO131	L_MU_MF_154_M_09B_B_A_8
CLIFTON HEIGHTS STORAGE BASIN	LTCP-CSO	CSO132-M	L_MU_MF_154_M_09B_B_A_8
CLIFTON HEIGHTS STORAGE BASIN	LTCP-CSO	CSO154-M	L_MU_MF_154_M_09B_B_A_8
CLIFTON HEIGHTS STORAGE BASIN	LTCP-CSO	CSO167-M	L_MU_MF_154_M_09B_B_A_8
CSO058 IN-LINE STORAGE & GREEN INFRASTRUCTURE	LTCP-CSO	CSO058	L_OR_MF_058_S_08_A_A_0
CSO093 STRUCTURAL MODIFICATIONS & GREEN INFRASTRUCTURE	LTCP-CSO	CSO093	L_SO_MF_093_S_08_A_A_0
CSO108 DAM MODIFICATION	LTCP-CSO	CSO108	L_SO_MF_108_S_09A_B_A_4
CSO140 IN-LINE STORAGE & GREEN INFRASTRUCTURE	LTCP-CSO	CSO140-M	L_MI_MF_140_S_08_A_A_0
CSO160 SEWER SEPARATION	LTCP-CSO	CSO160	L_OR_MF_160_S_08_A_A_0
CSO190 GREEN INFRASTRUCTURE (FORMERLY 18TH & NORTHWESTERN PKWY STORAGE BASIN)	LTCP-CSO	CSO190	L_OR_MF_190_S_09B_B_A_8
CSO206 SEWER SEPARATION	LTCP-CSO	CSO206-X	L_MI_MF_206_S_08_A_A_0
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	104289	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28249	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28250	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28336	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28340	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28413	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28414	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28415	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28416	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28417	S_JT_JT_NB02_M_01_C
DELL RD/CHARLANE PKWY INTERCEPTOR IMPROVEMENTS	SSDP-SSO	28451	S_JT_JT_NB02_M_01_C
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	OTHER	1256312700A	DEREK R GUTHRIE WQTC UPGRADES
DEREK R GUTHRIE WQTC UPGRADES	OTHER	22307	DEREK R GUTHRIE WQTC UPGRADES

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DEREK R GUTHRIE WQTC UPGRADES	OTHER	22370	DEREK R GUTHRIE WQTC UPGRADES
DEREK R GUTHRIE WQTC UPGRADES	OTHER	22385	DEREK R GUTHRIE WQTC UPGRADES
DEREK R GUTHRIE WQTC UPGRADES	OTHER	32682	DEREK R GUTHRIE WQTC UPGRADES
DEREK R GUTHRIE WQTC UPGRADES	OTHER	32688	DEREK R GUTHRIE WQTC UPGRADES
DEREK R GUTHRIE WQTC UPGRADES	OTHER	59169	DEREK R GUTHRIE WQTC UPGRADES
DEREK R GUTHRIE WQTC UPGRADES	OTHER	MSD0277	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
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	116106	S_FF_CC_81316_M_03_C_A
FAIRMOUNT RD PS IMPROVEMENTS	SSO	81316	S_FF_CC_81316_M_03_C_A
FAIRMOUNT RD PS IMPROVEMENTS	SSO	97362	S_FF_CC_81316_M_03_C_A
FAIRMOUNT RD PS IMPROVEMENTS	SSO	97363	S_FF_CC_81316_M_03_C_A
FAIRMOUNT RD PS IMPROVEMENTS	SSO	97365	S_FF_CC_81316_M_03_C_A
FAIRWAY VIEW PS IMPROVEMENTS	SSDP-SSO	SSPSHC-FWVI	S_HC_HS_NB01_S_03_C_A
FLOYDSBURG RD I&I INVEST	SSDP-SSO	108953	S_HC_HC_MSD1086_M_07_C_A
FLOYDSBURG RD I&I INVEST	SSDP-SSO	108956	S_HC_HC_MSD1086_M_07_C_A
FLOYDSBURG RD I&I INVEST	SSDP-SSO	108957	S_HC_HC_MSD1086_M_07_C_A
FLOYDSBURG RD I&I INVEST	SSDP-SSO	108958	S_HC_HC_MSD1086_M_07_C_A
FLOYDSBURG RD I&I INVEST	SSDP-SSO	90776	S_HC_HC_MSD1086_M_07_C_A
FLOYDSBURG RD I&I INVEST	SSDP-SSO	SSPSHC-FLBR	S_HC_HC_MSD1086_M_07_C_A
GOOSE CREEK PS IMPROVEMENTS AND WET WEATHER STORAGE 1 - DEVONDALE PS AND BANCROFT WQTC ELIMINATION	SSDP-SSO	105936	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	117721	S_MI_MF_NB04_M_03_B-1

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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	91629	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	91630	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
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
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

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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	28651	S_JT_JT_NB01_M_01_C_A
JEFFERSONTOWN WQTC ELIMINATION	SSDP-SSO	31733	S_JT_JT_NB01_M_01_C_A
JEFFERSONTOWN WQTC ELIMINATION	SSDP-SSO	64505	S_JT_JT_NB01_M_01_C_A
JEFFERSONTOWN WQTC ELIMINATION	SSDP-SSO	IS028-SI	S_JT_JT_NB01_M_01_C_A
JEFFERSONTOWN WQTC ELIMINATION	SSDP-SSO	MSD0255	S_JT_JT_NB01_M_01_C_A
KAVANAUGH RD PS ELIMINATION	SSDP-SSO	SSPSHC-KA/R	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_FF_NB01_S_13_C_A
LANTANA #1 PS I/I INVESTIGATION & REHABILITATION	SSDP-SSO	SSPSDG-LAN1	S_PO_WC_PC05_M_07_C
LANTANA PS ELIMINATION	AM	25484	AMLANTANAPS
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

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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	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	26752	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
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

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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
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	45469	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

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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	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
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

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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
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

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PROJECT NAME	PROGRAM	ASSET ID	PROJECT ID
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	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-CSO	CSO016	L_OR_MF_211_M_13_B_A_8__
SOUTHERN OUTFALL IN-LINE STORAGE AT 43RD STREET (SOR1) (FORMERLY ALGONQUIN PKWY STORAGE BASIN)	LTCP-CSO	CSO210	L_OR_MF_211_M_13_B_A_8__
SOUTHWESTERN PKWY CSO BASIN	LTCP-CSO	CSO104-M	L_OR_MF_105_M_13_B_A_0
SOUTHWESTERN PKWY CSO BASIN	LTCP-CSO	CSO105-X	L_OR_MF_105_M_13_B_A_0
SOUTHWESTERN PKWY CSO BASIN	LTCP-CSO	CSO189-X	L_OR_MF_105_M_13_B_A_0
ST RENE RD PS ELIMINATION	SSDP-SSO	94187	S_FF_CH_NB01_S_09A_C_A
SUTHERLAND INTERCEPTOR	SSDP-SSO	16649	S_SD_MF_NB05_M_01_A
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO020-M	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO023	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO050-M	MULTIPLE

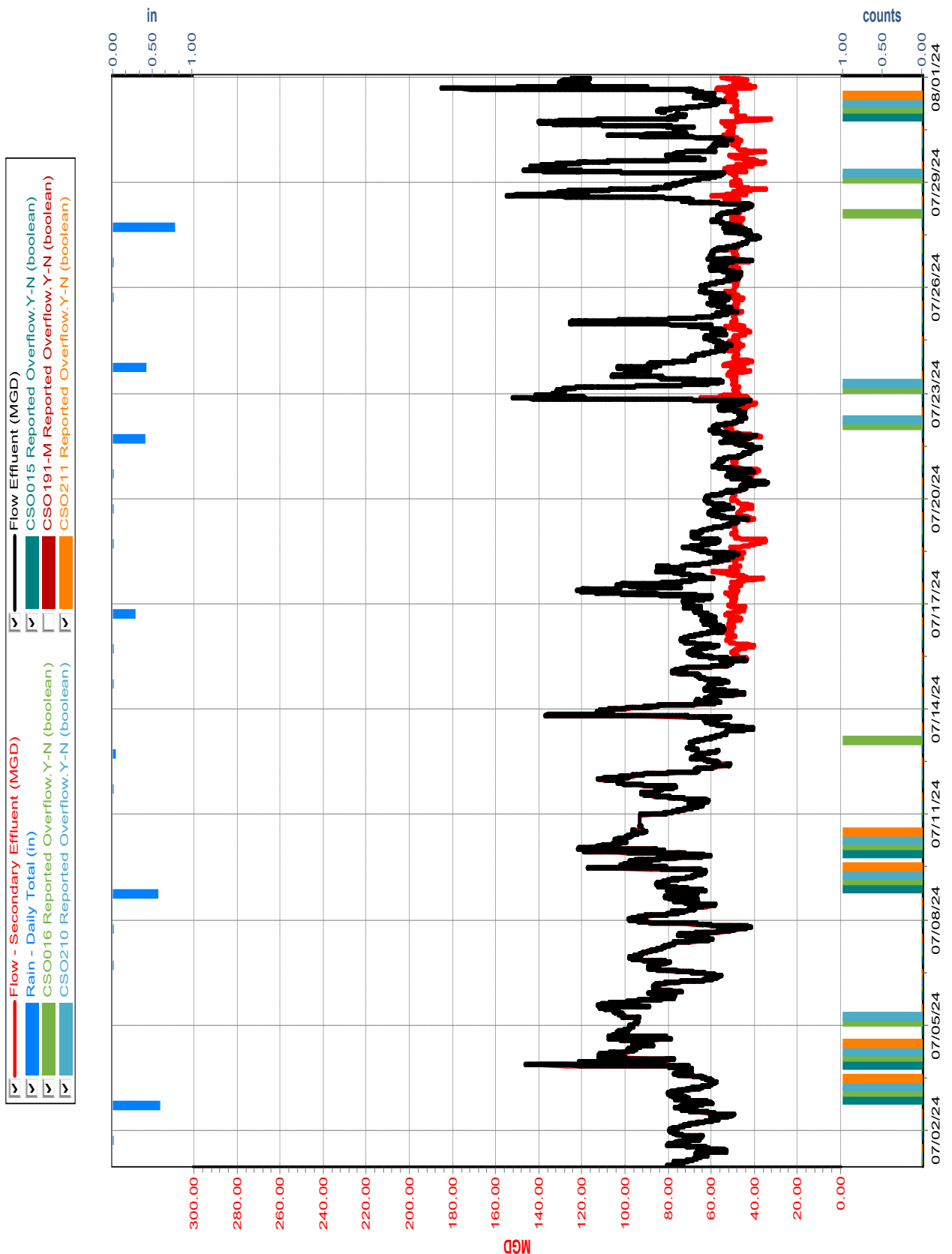
PROJECT NAME	PROGRAM	ASSET ID	PROJECT ID
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO051-M	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO052-M	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO053	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO053-M	MULTIPLE
WATERWAY PROTECTION TUNNEL	LTCP-CSO	CSO054	MULTIPLE
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

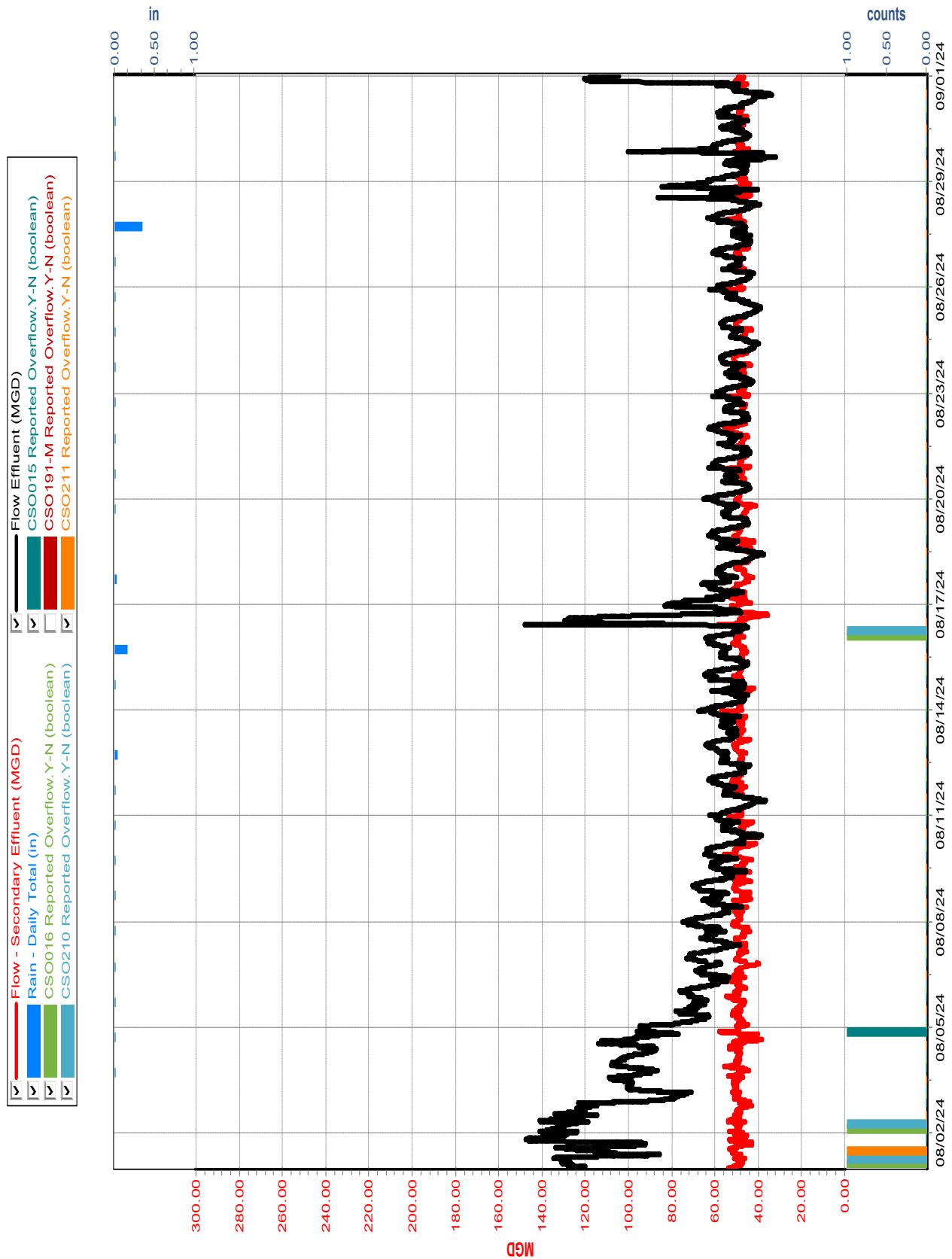
APPENDIX H

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

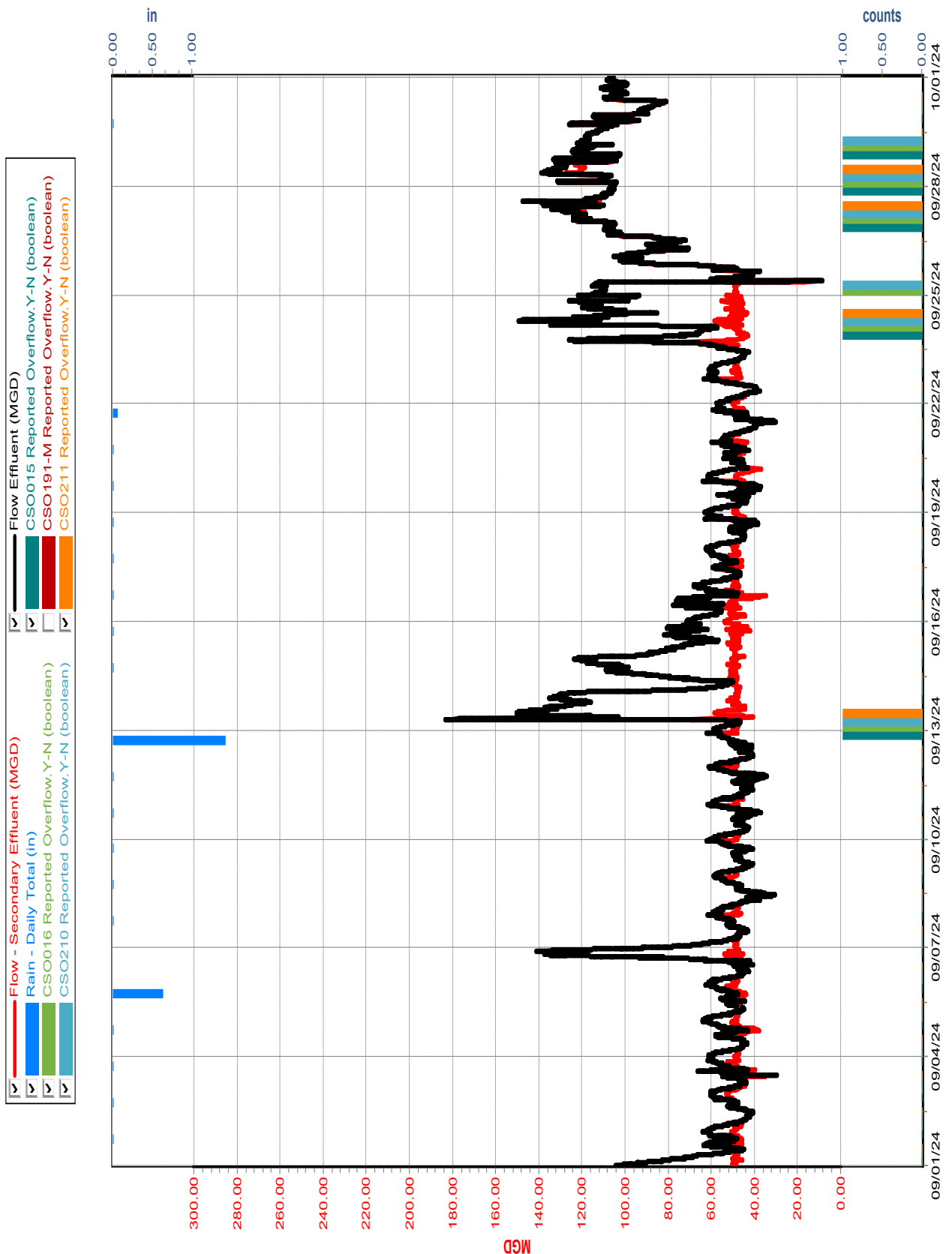
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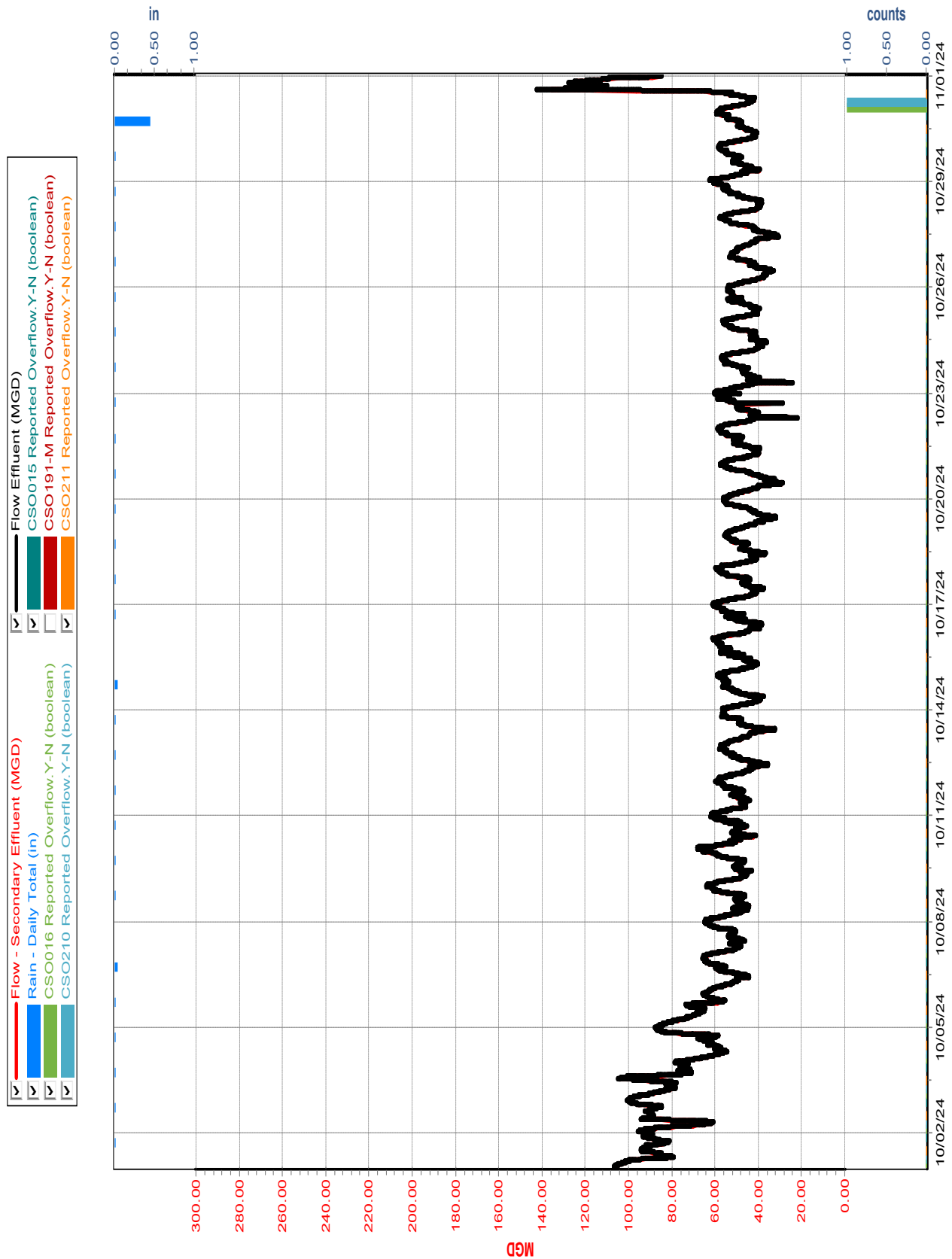
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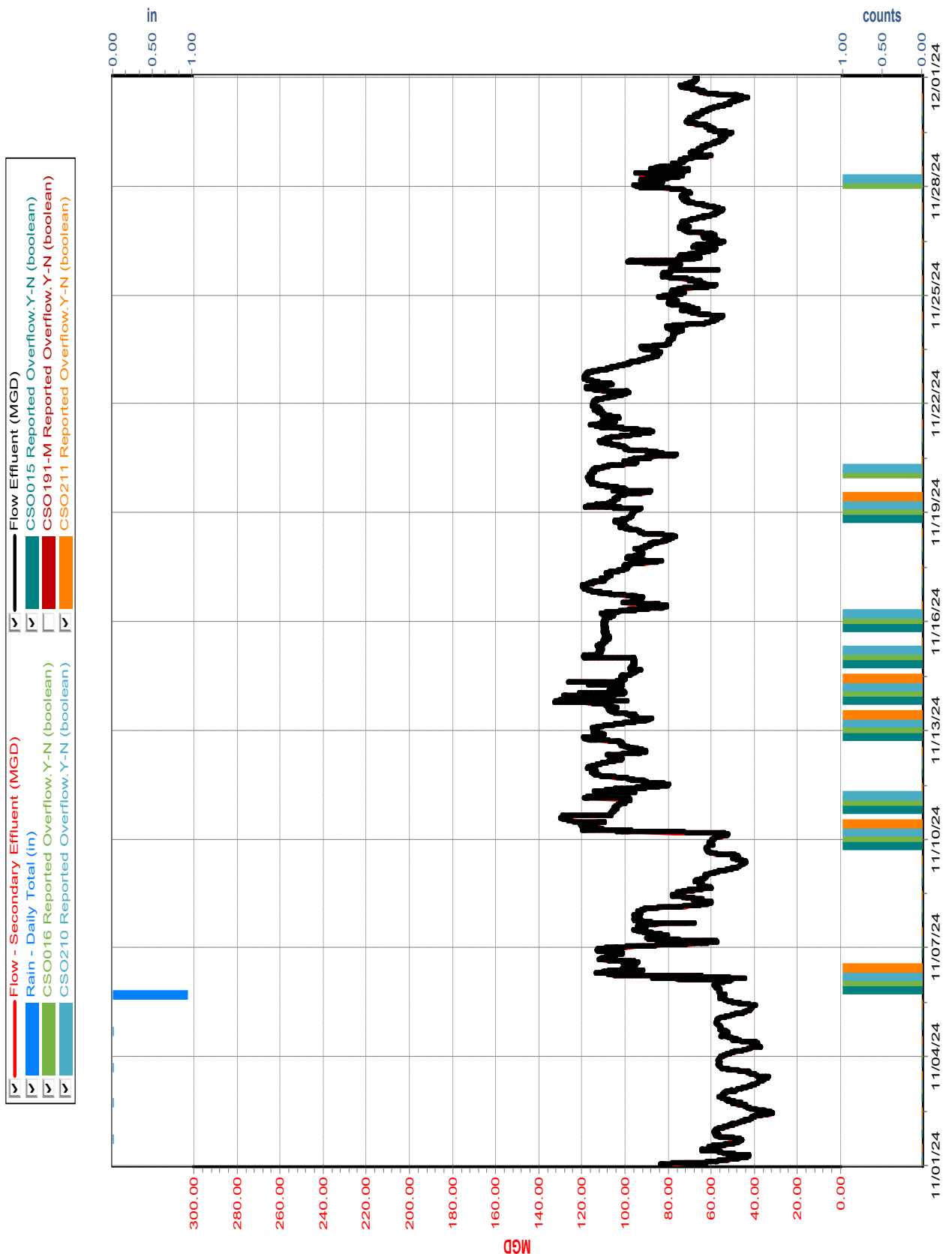


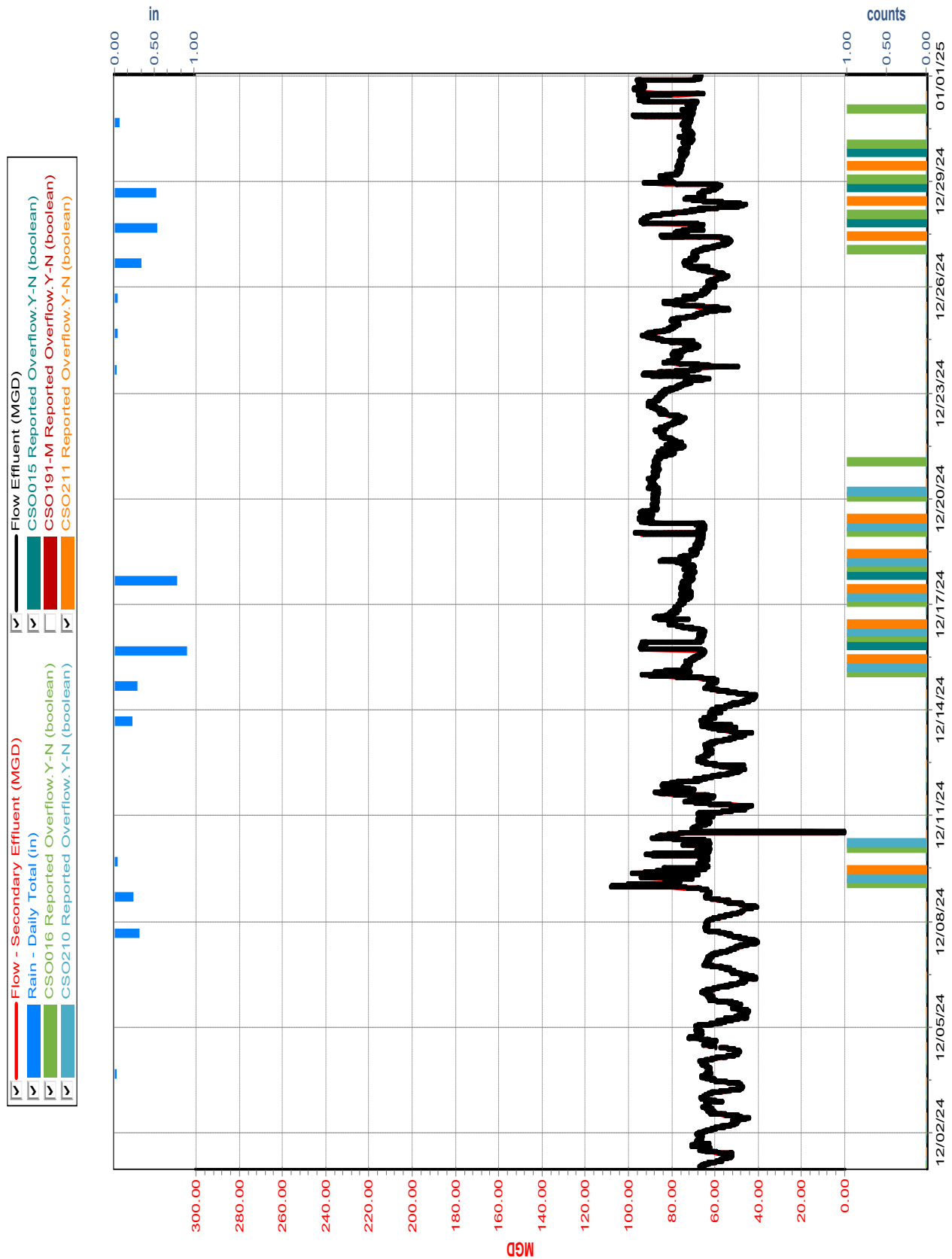
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**Louisville MSD
Second Amended Consent Decree
Mid-Year Status Report FY25**

