



CAPITAL REGION[™]

WATER

SEPTEMBER 2024

SEMI-ANNUAL REPORT ON CONSENT DECREE IMPLEMENTATION

JANUARY 1, 2024 TO JUNE 30, 2024

&

ANNUAL MS4 STATUS REPORT

AUGUST 1, 2023 TO JULY 31, 2024

FOR

CAPITAL REGION WATER

3003 NORTH FRONT STREET

HARRISBURG, PA 17101



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Executive Summary

This report fulfills the requirements of two separate regulatory reporting documents for Capital Region Water, which are listed below:

- Semi-Annual Report on Consent Decree Implementation for January 1, 2024 to June 30, 2024
- Annual MS4 Status Report for August 1, 2023 to July 31, 2024 (submitted via DEP Greenport, refer to Appendix O)

For the Semi-Annual Report, the required information is covered in Sections 1, 2, and 3 on the operation and maintenance of the facilities. Section 4 provides a more comprehensive assessment of the status of the Wet Weather Program implementation of the partial Consent Decree requirements.

Section 1

Wastewater Treatment Plant

1.A Introduction

CRW's Harrisburg Advanced Wastewater Treatment Facility (AWTF) is permitted to discharge to the Susquehanna River under NPDES Permit No. PA0027197 issued on January 1, 2010 and which expired on December 31, 2014. CRW submitted an NPDES permit renewal application to DEP in July 2014, which is currently under review. CRW owns, operates, and maintains the wastewater collection, conveyance, and treatment facilities within the City of Harrisburg.

1.B Hydraulic Loading

THIS SECTION WILL BE UPDATED FOR THE COMPLETE 2024 CALENDAR YEAR IN THE CHAPTER 94 REPORT.

1.C Organic Loading

THIS SECTION WILL BE UPDATED FOR THE COMPLETE 2024 CALENDAR YEAR IN THE CHAPTER 94 REPORT.

1.D Hydraulic & Organic Loading Projections

THIS SECTION WILL BE UPDATED FOR THE COMPLETE 2024 CALENDAR YEAR IN THE CHAPTER 94 REPORT.

1.E Overload Reduction

THIS SECTION WILL BE UPDATED FOR THE COMPLETE 2024 CALENDAR YEAR IN THE CHAPTER 94 REPORT.

1.F Maintenance & Construction

The maintenance division of the AWTF operates based on a proactive preventative maintenance program and a systematic replacement policy for inventory parts that has helped minimize downtime. The following key AWTF and pumping station projects were active during this reporting period with their status described below:

1. Communication upgrade between AWTF and Front Street PS to allow high speed data transfer for better RTC program performance to maximize flow to the plant during wet weather.
2. Start of construction for the AWTF Energy Recovery Improvements Project.
3. Replaced VFDs for pumps at the Return Sludge Pump Station.
4. Replaced the Diluent Water flow meter at the Settled Sewage Pump Station.

5. Completed installation of Hoffman Blower #2 at the Settled Sewage Pump Station for the Chlorine Contact Tank.

The following are anticipated projects at the AWTF and pumping stations for 2024:

1. Replace six (6) overhead doors in Truck Garage.
2. Replacement of the Truck scale.
3. Replacement of Return Sludge Pump Station (2) Check Valves.
4. Replacement of Thickener #2 Gorman Rupp Pump.
5. Replacement of Raw Primary #2 Gorman Rupp Pump.

1.G Permit Exceedances

Partial CD Reference: V.G.29.a, Appendix A.c

Capital Region Water did not experience any NPDES permit exceedances during this reporting period.

1.H Secondary Bypass Events

Partial CD Reference: Appendix A.f

Table 1.1 summarizes the AWTF secondary bypass events during this reporting period, which includes the AWTF Influent Flow as well as the Secondary Treatment Influent Flow. The secondary bypass at the AWTF is utilized as necessary for flows in excess of 45 mgd in accordance with the NPDES Permit.

Table 1.1: Summary of AWTF Secondary Bypasses (January 2024 – June 2024)

Start	Stop	Duration	Ave. Influent	Ave. Secondary Influent	Bypassed Flow Rate	Bypassed Volume	Peak Influent Flow	Rain	Rain Peak Intensity	Rain Duration
(Date & Time)	(Date & Time)	(Hrs:Min)	(MGD)	(MGD)	(MGD)	(MG)	(MGD)	(in)	(in/hr)	(hr)
1/9/24 10:30 PM	1/12/24 12:38 AM	2:08	58.0	49.4	8.6	17.964	79.2	2.15	0.37	17.4
1/12/24 8:36 AM	1/14/24 1:25 AM	16:49	55.0	48.0	7.0	11.905	80.3	0.92	0.29	8.8
1/14/24 2:18 PM	1/14/24 3:41 PM	1:23	53.9	49.1	4.8	0.277	74.7			
1/28/24 2:48 PM	1/29/24 3:20 AM	12:32	52.6	49.1	3.5	1.823	77.9	0.79	0.16	12.6
1/29/24 9:40 AM	1/29/24 6:00 PM	8:20	48.1	49.1	0.0	0.000	51.3			
2/13/24 1:29 PM	2/13/24 5:10 PM	3:41	50.1	49.0	1.1	0.166	53.5	1.38	0.24	12.3
2/13/24 1:59 AM	2/13/24 4:55 AM	0:1	47.8	46.9	0.9	0.110				
2/28/24 3:28 PM	2/28/24 4:52 PM	1:24	45.5	47.9	0.0	0.000	53.2	0.74	0.12	28
3/2/24 8:27 AM	3/2/24 1:55 PM	5:28	55.6	48.8	6.8	0.060	70.7	0.6	0.11	15.2
3/2/24 2:50 PM	3/2/24 4:35 PM	1:45	49.0	48.8	0.2	0.015				
3/5/24 9:01 AM	3/5/24 10:53 AM	1:52	49.7	48.9	0.8	0.059	56	0.22	0.12	6.4
3/9/24 12:35 PM	3/10/24 6:36 AM	18:01	64.6	49.1	15.5	11.613	79.1	1.17	0.23	19.5
3/10/24 10:02 AM	3/10/24 7:33 PM	9:31	48.1	48.8	0.0	0.000	51.3	0.01	0.01	0.3
3/23/24 9:09 AM	3/23/24 2:58 PM	5:49	58.8	48.8	10.0	2.428	71.2	0.97	0.14	13.2
4/1/24 7:43 AM	4/1/24 1:07 PM	5:24	56.3	48.4	7.9	1.777	70.9	0.65	0.22	6.1
4/2/24 4:50 PM	4/6/24 7:47 PM	2:57	67.0	49.2	17.8	73.264	79.8	2.53	0.42	45.5
4/12/24 7:20 AM	4/12/24 10:45 AM	3:25	53.9	48.8	5.0	0.715	71.2	0.6	0.21	16.3
4/14/24 12:00 AM	4/15/24 1:49 AM	1:49	47.1	47.3	0.0	0.000	57.9	0.24	0.16	7.8
5/5/24 8:45 AM	5/5/24 9:25 AM	0:40	45.3	49.3	0.0	0.000	56	0.83	0.09	37.7
5/5/24 12:35 AM	5/5/24 1:00 AM	0:25	34.4	48.6	0.0	0.000				
5/8/24 6:00 AM	5/8/24 7:02 AM	1:02	47.7	48.5	0.0	0.000	51.9	0.39	0.39	1.2
5/9/24 11:00 PM	5/10/24 4:32 PM	17:32	54.0	48.9	5.1	3.726	71.2	1.26	0.21	26.5
5/11/24 7:32 PM	5/11/24 9:30 PM	1:58	51.2	48.9	2.3	0.188	70.9	0.62	0.24	27.7
5/12/24 12:16 AM	5/12/24 2:18 AM	2:02	55.3	49.2	6.1	0.517				
5/12/24 11:54 AM	5/12/24 12:01 PM	0:07	45.9	49.0	0.0	0.000	56.5	0.92	0.28	19.3
5/14/24 8:40 PM	5/15/24 2:25 PM	17:45	56.0	48.6	7.4	5.473				
5/25/24 6:34 PM	5/25/24 8:30 PM	1:56	47.0	48.0	0.0	0.000	63.6	0.66	0.47	7.3
5/25/24 8:50 PM	5/25/24 10:47 PM	1:57	49.5	48.4	1.1	0.089	61.8	0.36	0.33	6.8
5/27/24 7:37 PM	5/27/24 10:05 PM	2:28	48.0	48.6	0.0	0.000				
6/5/24 7:18 PM	6/6/24 1:20 AM	6:02	56.3	49.0	7.3	1.835	75.6	1	0.33	6.4
6/22/24 5:43 PM	6/22/24 7:28 PM	1:45	53.3	49.7	3.6	0.263	62.8	0.76	0.64	10.3
6/26/24 11:18 PM	6/27/24 3:28 AM	4:10	66.8	50.0	16.8	2.917	79.5	1.52	1.29	7.7
6/29/24 10:21 PM	6/29/24 11:04 PM	0:43	45.9	49.1	0.0	0.000	61.4	0.33	0.25	3.8
	: Indicates bypass gate open but no flow was bypassed									

1.I Industrial Pretreatment Program

THIS SECTION WILL BE UPDATED FOR THE COMPLETE 2024 CALENDAR YEAR IN THE CHAPTER 94 REPORT.

1.J Contract Waste Hauling Program

THIS SECTION WILL BE UPDATED FOR THE COMPLETE 2024 CALENDAR YEAR IN THE CHAPTER 94 REPORT.

1.K Biosolids

THIS SECTION WILL BE UPDATED FOR THE COMPLETE 2024 CALENDAR YEAR IN THE CHAPTER 94 REPORT.

Section 2

Conveyance System

2.A Condition of Pumping Stations

Partial CD Reference: V.B.10.a

There are four (4) sewage pumping stations in the City of Harrisburg maintained by CRW. The Front Street and Spring Creek Pump Stations, owned and maintained by CRW, convey flow to the AWTF. The other two pump stations are both located on City Island, owned by the City of Harrisburg, maintained by CRW, and convey flow to the Front Street Interceptor and eventually to the Front Street Pump Station. The service conditions for these pumps are provided in **Table 2.1**.

Table 2.1: Pump Station Service Conditions

Pump Station	Design		2023		2025 (Projected)	
	Average (MGD)	Peak (MGD)	Average (MGD)	Peak ⁽¹⁾ (MGD)	Average (MGD)	Peak ⁽¹⁾ (MGD)
Front Street	20	60	12.6	48.3	12.8	48.9
Spring Creek	10.0	28.9	4.90	20.9	4.93	21.0
City Island - North	-	0.432	0.006	0.014	0.006	0.014
City Island - South	-	0.432		Total		Total

- Notes:
1. Peak day flows.
 2. Projected peak based on 2-year growth and 2023 peaking factor.
 3. 2023 City Island flows based on 2007 reported flows. Actual flows are not available.
 4. There is no projected increase on City Island for 2024-2025.

There are three (3) influent flow streams to the AWTF: Spring Creek Pump Station, Front Street Pump Station, and the Borough of Steelton via the Trewick Street Pump Station.

The calibration reports for the pump station flow meters are included in Appendix D.

The Front Street and Spring Creek Pump Stations are maintained by CRW operations staff. All pump stations are monitored by CRW operations staff on a routine basis. In addition, all pump stations are provided with remote sensing to monitor pump operation.

The Spring Creek Pump Station is nearing the end of its useful life. Planning for the Spring Creek Pump Station will begin in the next several years.

2.B Condition of Interceptors

Partial CD Reference: Appendix B

Rehabilitation of the Paxton Creek Interceptor (PCI) started in May 2018. After installing a complete bypass pumping system (for peak dry weather flows) in the upstream 7,580 LF of the

interceptor, the interceptor was cleaned and inspected with CCTV. Once the interceptor was dewatered and man entry inspections were performed in the 48-in by 59-in pipe, it was realized that the pipe condition was significantly worse than the previous CCTV and sonar inspections revealed in 2016 and 2014, respectively. The existing concrete pipe has extensive voids, fractures (particularly in the invert), deteriorating concrete, and excessive infiltration. The condition of the pipe required much more infiltration control in order to install the centrifugally cast cementitious polymer liner than anticipated during design. From May 2018 through December 2018, 1,463 LF of the total 13,000 LF have been fully lined and another 608 LF have been lined above the springline. CRW was unable to complete the interceptor rehabilitation in 2018 in accordance with the Partial Consent Decree. Using the information gathered during the previous project, CRW has engaged consulting engineers to evaluate an appropriate rehabilitation method for the remainder of the PCI that will not be affected by the significant infiltration present in the pipe. CRW is working on incorporating construction of a new interceptor as part of the scope of a larger regional project. Due to the cost and complexity of this effort, requiring coordination with multiple municipal and private partners, the work is projected to be completed at the end of 2030.

CRW completed the Front Street Interceptor (FSI) - Phase I rehabilitation project which includes CIPP lining of 1,900 of 30" terra cotta pipe. Construction did not start until late September of 2018 due to coordination with spring/summer activities in Riverfront Park. Then, in the initial phases of construction, the contractor uncovered unidentified utility conflicts that made the work more difficult to complete. This created contractual challenges that CRW and the contractor could not resolve, and the contract was terminated in February 2019. CRW reissued this work and construction occurred from September to November 2019.

For the Front Street Interceptor – Phase 2 rehabilitation, the findings of the initial assessment included approximately 11,000 LF of pipe rehabilitation. CRW added 3,600 LF in the middle of the Phase II project to provide continuity and rehabilitation of the entire stretch of pipe. This total length of pipe rehabilitation will be approximately 14,400 LF from Seneca St. to the Front St. Pumping Station. Following review of the condition information obtained during the CCTV inspections, CRW and its consulting engineer has made a recommendation of rehabilitation using CIPP lining. Design of the FSI – Phase 2 project began in 2020 and was completed in 2021. The project was advertised for bids in February 2022. The project was awarded and Notice to Proceed was issued to the contractor in August 2022. CIPP lining began in March 2023 and was completed in September 2023.

2.C Condition of CSO Outfalls & Regulators

Partial CD Reference: V.B.10.b.i & iv, V.F.28.b

CRW operates and maintains 59 CSO regulator structures located along the Front Street, Paxton Creek, Paxton Creek Relief, and Hemlock Street interceptor sewers, which ultimately direct combined wastewater (sanitary wastewater and stormwater) to the AWTF. During dry weather conditions, the CSO regulator structures divert all of the combined wastewater from the trunk sewer lines to the interceptor sewers. During wet weather, the rate and volume of the sanitary and stormwater flow from the system of collector sewers increases significantly and can exceed the capacity of the downstream interceptor sewers and the treatment facility. When this occurs,

the CSO regulator structures (sometimes called diversion structures) divert a controlled volume of flow to the interceptor, while untreated excess combined stormwater and wastewater is discharged to receiving waters. The receiving waters are the Susquehanna River for regulator structures along the Front Street interceptor, and Paxton Creek (a tributary of the Susquehanna) for regulators along the Paxton Creek, Paxton Creek Relief, and Hemlock Street interceptors. In addition to the 59 CSO regulator structures and outfalls, there are two additional CSO outfalls at the Front Street pumping station and the Spring Creek pumping station. These are permitted emergency outfalls (CSO-002 and CSO-003) that only activate during a mechanical failure of the pump stations or if the station capacities are exceeded during extreme storms. Each regulator has a dedicated outfall, with one exception in which two regulators serve a common outfall. Therefore, there are a total of 60 outfalls (including those from the pumping stations).

2.C.1 Operational Status of Major Overflow Points

There was no change in the operational status of the combined sewer overflows during this reporting period. The regulators and diversion chambers were inspected in 2013. During the manhole inspections in Fall 2015, zoom cameras were utilized to inspect each flood chamber, gates, and outfall pipe. They are also inspected on a daily basis by CRW field crews to ensure proper operation and identify additional maintenance or rehabilitation requirements.

The February 10, 2016 *CSO Outfall Repair Early Action Project Schedule* submittal, and subsequent April 2017 update, provided recommendations for outfall early action projects to address severe structural deterioration and chronic river intrusion. CRW has addressed the structural issues at 010, 034, 053, and 062. CRW also repaired and rebuilt two weirs as part of their ongoing monitoring and maintenance work. CRW identified the following outfalls for early action flap gate repair or replacement: 006, 008, 021, 022, 024, 032, and 051. CRW's field staff determined that repairs were not feasible, and the flap gate replacements will be significant projects that will be incorporated as part of a future capital projects or as a separate IDIQ contract. The flap gate at outfall 022 is partially operable and currently utilized.

On February 13, 2024, CRW provided an updated *CSO Outfall Repair Early Action Project Schedule*, which expanded upon the earlier schedule, identified new priority projects, and incorporated CRW's asset management program. Critical repairs a leaking regulator structure at CSO-013 were completed on February 13, 2024. The overall schedule is provided in **Table 2.2** below.

Table 2.2. CSO Outfall Repair Schedule

Time Period	Recommended Actions
February 2024	▪ Repair outfall 013 regulator chamber - COMPLETE
March 2024 (Annually)	▪ Outfall assessments during routine annual CSO cleaning
CSO Long-Term Control Plan Development: October 2024 – December 2024	<ul style="list-style-type: none"> ▪ Schedule outfall repairs or reconfiguration strategy for the following critical outfalls: <ul style="list-style-type: none"> - Outfall 007 (replace with 27-in pipe; utility conflicts) - Outfall 029 (replace with 36-in pipe; further coordination required) - Outfall 038 (possible sewer separation) ▪ Schedule flap gate replacement at outfalls 006, 008, 020, 021, 022, 024, 051, and 058 as part of a future LTCP project or IDIQ contract
September 2024 – March 2025	<ul style="list-style-type: none"> ▪ Conduct details assessments (under bypass pumping) of the structures at the following outfalls and develop repair strategies with schedules: <ul style="list-style-type: none"> - Outfalls 042 & 043 - Outfall 039 - Outfall 008 ▪ Implement repairs at outfall 019
2025-2026	<ul style="list-style-type: none"> ▪ Implement sewer separation projects at the following critical outfalls: 027 & 041 ▪ Finalize scope of near-term (5-yr) outfall improvements in conjunction with LTCP, AMP, and near-term 20-Yr CIP project areas
2027-2028	▪ Incorporate river intrusion protection into Spring Creek PS rehabilitation (outfall 003)
2029-2030	▪ Implement Paxton Creek outfall and regulator improvements; including flap gate replacement
Ongoing	▪ Condition of outfalls and related structures is monitored during daily CSO checks; minor repairs are made as needed.

CRW developed a phased approach for regulator modifications following the Front Street Pump Station Upgrade. The Phase 1A regulator modifications involved chaining open selected B&B gates and raising weirs for Hemlock Street Interceptor (HSI) CSO regulators and select CSO regulators prone to Paxton Creek backflow. The regulator modifications completed to date are summarized below in **Table 2.3**. The weir at CSO-022 was raised by 1-ft, which is partly preventing river intrusion.

Table 2.3. Summary of Phase 1A CSO Regulator Modifications

CSO Regulator	Disconnect B&B Gates	Increase Weir Elevation	Expand Orifice Opening
CSO-060	✓	NA	NA
CSO-061	✓	1 ft	24" Diam. (or equivalent)
CSO-062	✓	1 ft	8" Diam. (or equivalent)
CSO-063	✓	1 ft	12" Diam. (or equivalent)
CSO-064	✓	1 ft	8" Diam. (or equivalent)
CSO-021	NA	2 ft (ongoing)	NA
CSO-022	NA	2 ft (ongoing)	NA
CSO-024	NA	2.5 ft	NA
CSO-032	NA	2.5 ft	NA

The original regulator modifications as described in the MPCD Appendix B project list were developed prior to CRW conducting the updated alternatives analysis. CRW's planning approach has subsequently changed, per the Recommended Plan in the March 2024 Alternatives Analysis Report, so CRW intends to update the regulator modification schedule as part of the implementation schedule included in the updated City Beautiful H₂O Program Plan (CBH₂OPP) due December 2024.

The finalization and sequencing of regulator modifications is dependent upon two key technologies included in the Recommended Plan: multiple end-of-pipe storage tanks which consolidate flow from multiple CSO regulators; and the 30 million gallons per day (mgd) retention treatment basin (RTB) which treats excess flows from the PCI. For example, for CSO regulators within consolidated storage groups, more flow can be diverted into the storage tanks to lessen surcharging within the interceptors; and the RTB increases the conveyance and treatment capacity of the FSI and the PCI allowing for more flow to be diverted into the interceptors during wet weather.

As part of the continued development of the CBH₂OPP, CRW is evaluating the best method for controlling flows to the FSPS during extreme rain events (i.e. storms bigger than the largest Typical Year storm). CRW's near-term regulator modifications may need to be limited to avoid overloading the FSPS and overloading PCI (prior to the scheduled) replacement.

In 2025 CRW plans to implement a series of strategically selected regulator modifications that achieve CSO control benefits without risking overloading the Front Street Pump Station. Following the completion of the Paxton Creek Interceptor Replacement, the remaining regulator modifications will be implemented. CRW will also continue to make minor regulator modifications in coordination with the CSO outfall and regulator chamber repairs described above.

2.C.2 Regulator Inspections

Partial CD Reference: V.B.10.g.i

CRW continues to perform daily regulator inspections at each regulator in the system to check operational status and identify any overflow events that may have occurred during the previous 24 hours. Each of the 59 regulator structures were inspected once per day during the six-month reporting period. **Appendix K-3A** provides the Combined Sewer Overflow Report by Outfalls based on *FIELD OBSERVATIONS*.

2.D CSO Discharges & Dry Weather Overflows

Partial CD Reference: V.B.10.g.i, V.G.30, Appendix A.e

2.D.1 Wet Weather CSO Discharges

CRW applied its calibrated Hydrologic and Hydraulic (H&H) model to evaluate the performance of the combined sewer system during the first half of 2024 (2024 H1). The response of the combined sewer collection system to wet weather events is characterized in terms of the volume of wet weather flow captured. The evaluation includes an assessment of the frequency of

overflow events and a comparison of the model simulation results to CRW daily visual observation of CSO occurrence. **Appendix K-3B** provides the Combined Sewer Overflow Report by Outfall based on *H&H MODEL SIMULATION*.

Figure 2.1 compares the 2024 H1 precipitation record to the 2016 through 2023 precipitation records as well as the Typical Year monthly precipitation volumes with +/- 1 standard deviation values from the historic median for the respective monthly volumes. The precipitation volumes are shown as the average of all gauges within the CRW service area. During 2024 H1, monthly precipitation volumes were slightly higher than the Typical Year H1 precipitation volumes but were generally within +/- 1 standard deviation of the historic median precipitation, except January 2024 was significantly higher than the Typical Year. In total, there was an average of 25.5 inches of precipitation (rainfall and snowfall) over the CRW service area during 2024 H1, compared to 15.9 inches during the first half of the Typical Year precipitation.

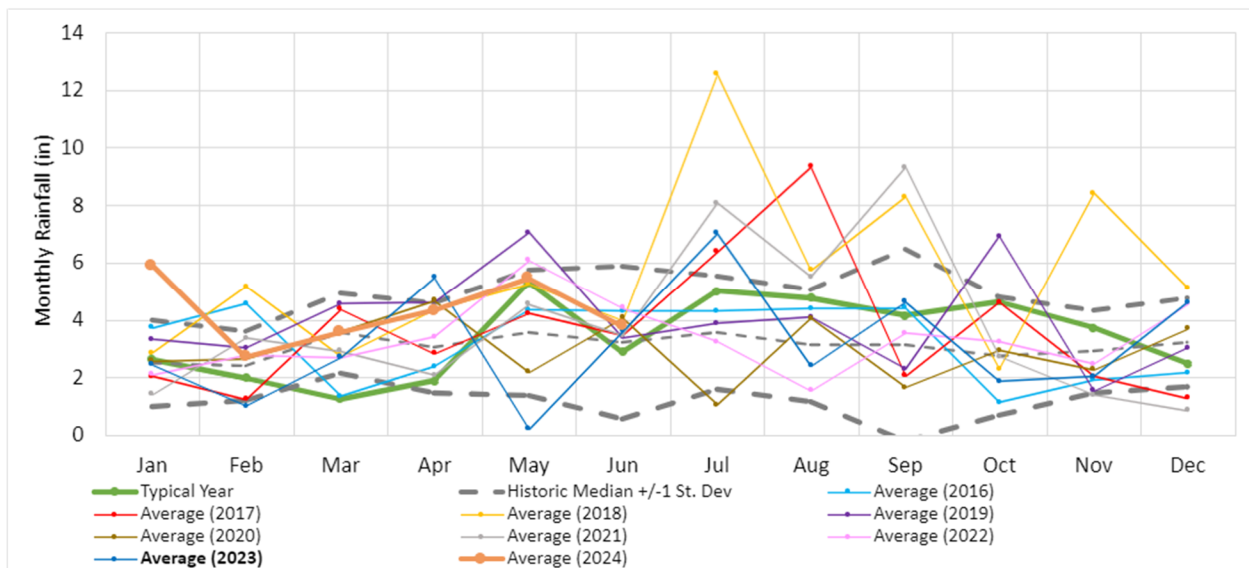


Figure 2.1: Rainfall Comparison between 2016 through 2024 H1 and the Typical Year

Figure 2.2 shows the cumulative distribution of precipitation by event for the first half of each year from 2016 through 2024 and the Typical Year, which shows that 2024 H1 precipitation had a comparable size distribution (but overall greater volume) of individual storms relative to the Typical Year. **Figure 2.3** shows the distribution of individual storms with respect to intensity and volume during the first half of each year from 2016 through 2024 and the Typical Year. Generally, the storm events for 2024 H1 fit within the Typical Year range of distribution of individual storms. In total, there were 49 storm events during 2024 H1, compared to 44 storm events during the Typical Year H1.

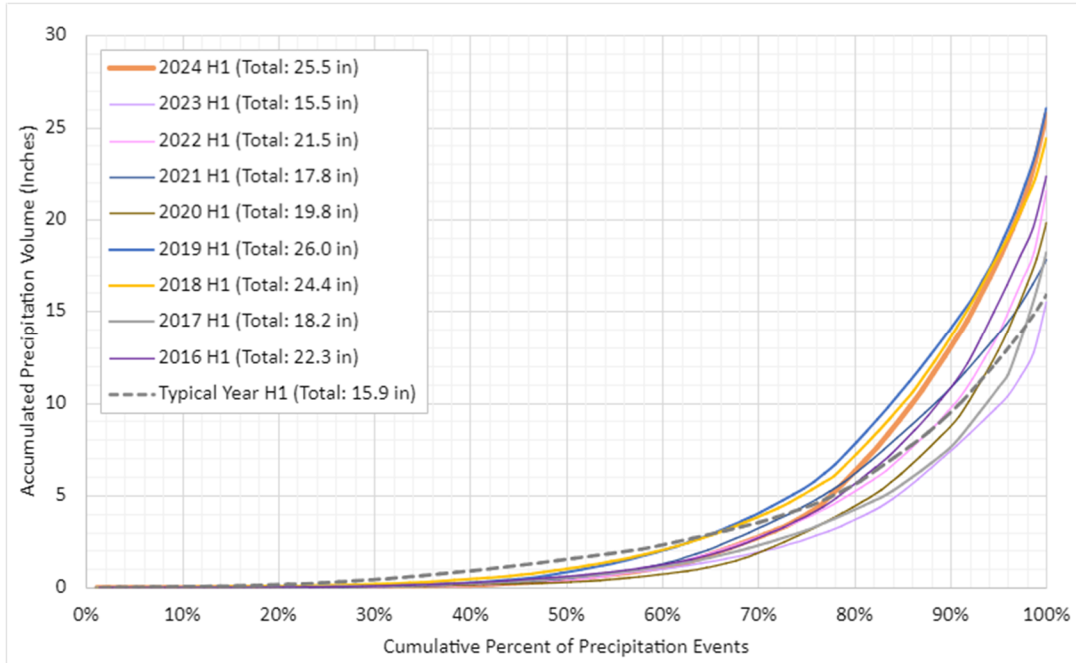


Figure 2.2: Cumulative Percent of Precipitation Events versus Accumulated Precipitation Volume for 2016 through 2024 H1 and the Typical Year

Figure 2.4 compares H&H model simulations with the daily CSO observations (performed by CRW crews) during 2024 H1, indicating that model projections of overflow occurrence correspond well with those observed during visual inspections. In general, the model performs well in simulating CSO overflows for small and/or short duration storms that may not be apparent by visual inspections alone. This is a limitation of observing weir block movement, which may not occur if the depth over the weir is too small, and/or the duration too short, to cause movement. Note that a few CSO diversion weirs along Paxton Creek have minimal freeboard with respect to the Paxton Creek water surface elevation; therefore, creek intrusion into the system may occur when Paxton Creek is elevated. Typically, this inflow is minimal, but it can be enough to move the overflow detection devices (tethered wooden blocks) CRW field crews use to monitor overflows which have occurred in the previous 24 hours prior to an inspection. When this occurs, it is not possible to distinguish whether an overflow that may have occurred in the previous 24 hours was the cause of the overflow detection device movement. Historically, CSOs 021, 024, 032, and 039 have been especially prone to creek intrusion (although volumes are low), and therefore the field observation data may be skewed. However, for these CSO regulators, the weirs have either been recently raised or are in the planning stages to be raised. Additionally, this uncertainty is offset by CRW continuously monitoring the flow depth of Paxton Creek at four critical locations and the water surface profile of the creek being input into the H&H model used to calculate the CSO statistics. These CSOs, among others, are scheduled for flap gate replacement.

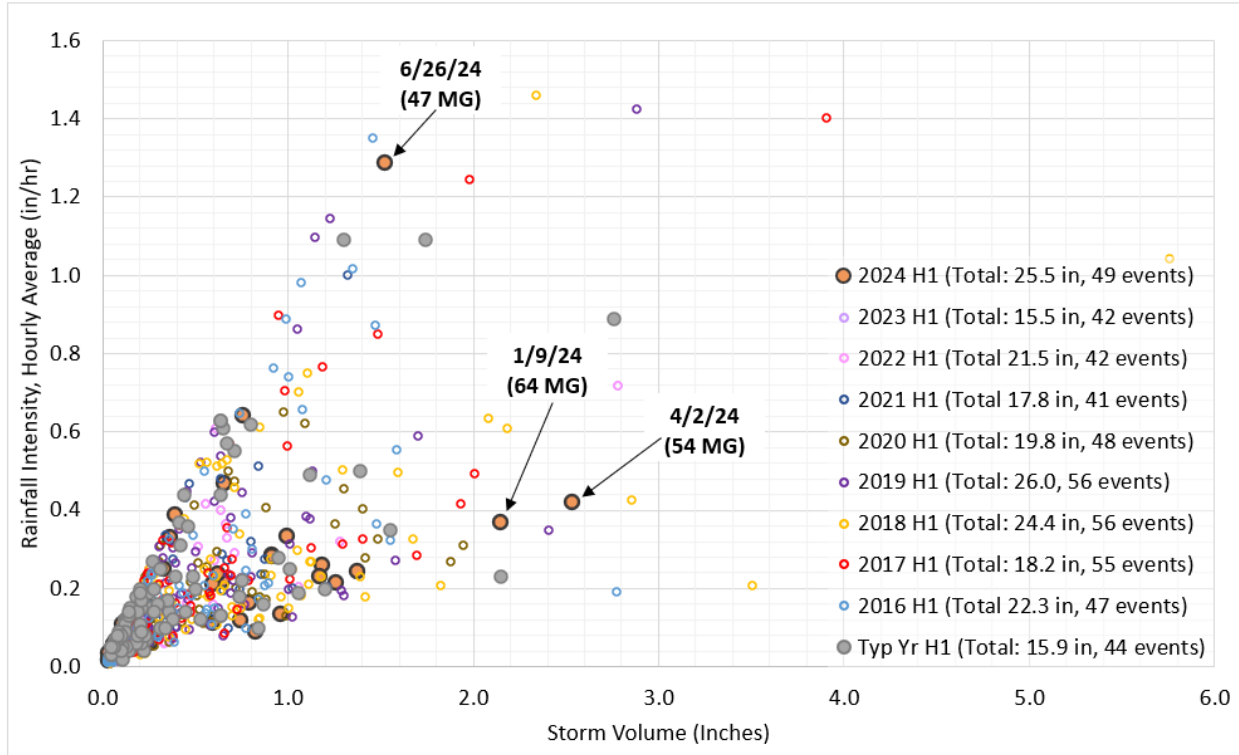


Figure 2.3: Total Rainfall Event Volume versus Peak 1-hour Precipitation Intensity for 2016 through 2024 H1 and the Typical Year

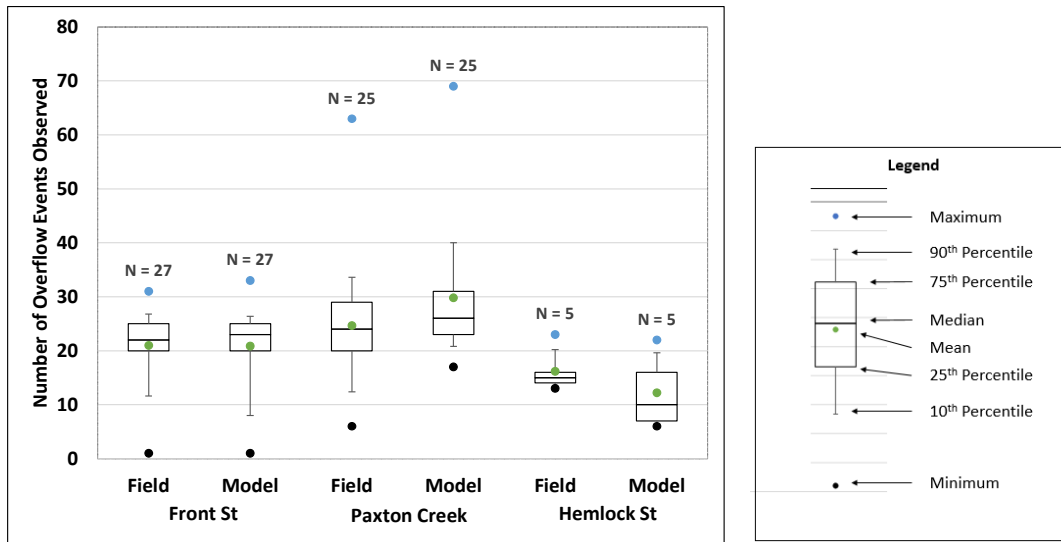


Figure 2.4: Comparison of Field and Model-Simulated Overflow Occurrences by Interceptor during 2024 H1

Table 2.4 summarizes the CSO statistics for each outfall based on the H&H model simulation. The following conclusions can be drawn from an evaluation of the rainfall data and CSO capture/discharge statistics.

- Compared to Typical Year H1 precipitation of 15.9 inches, the first half of 2024 rainfall volume of 25.5 inches was greater. Additionally, storm event frequency (44 events during Typical Year H1, 49 events during 2024 H1) was similar.
- Approximately 560 million gallons (MG) of combined wastewater was captured during the first half of 2024 (compared to 430 MG during Typical Year H1 precipitation), and approximately 500 MG was discharged during 2024 H1 (compared to 280 MG during Typical Year H1 precipitation). The CSO discharge corresponds to a systemwide percent capture of 54% **during wet weather periods** which is lower than the Typical Year H1 percent capture of 62%.
- While there are numerous overflows for each outfall, many of those overflows have relatively small volumes and relatively short durations, thus reducing their potential impact on receiving waters.
- It is important to note that while the systemwide wet weather capture for 2024 H1 was 54% and the CSO discharge volume was 500 MG, the total wastewater volume that was captured and treated from the CRW service area during 2024 H1, including both dry and wet weather periods, was 4,900 MG. During the 2024 H1 reporting period, 91% of the wastewater generated within the CRW service area was successfully conveyed and treated.

Table 2.4 Combined Sewer System Wet Weather Characterization for 2024 H1 by CSO Regulator

Interceptor	CSO	Capture Volume (MG)	Overflow Volume (MG)	Capture %	Number of Hours Overflow	Number of Overflows	Drainage Area (acres)
Front Street Interceptor	CSO-04	3.2	7.5	29%	212	32	34
	CSO-05	6.7	10	40%	143	27	74
	CSO-06	4.7	2.6	63%	71	21	19
	CSO-07	3.7	3.4	52%	89	26	16
	CSO-08	7.2	12	36%	171	33	40
	CSO-09	13	18	42%	95	22	67
	CSO-10	20	11	64%	166	26	42
	CSO-11	5.3	8.9	37%	98	24	31
	CSO-12	3.5	4.8	43%	96	24	25
	CSO-13	4.2	1.1	81%	15	18	16
	CSO-14	16	5	76%	84	25	30
	CSO-15	5.7	4.1	58%	81	22	20
	CSO-16	1.2	1.3	50%	85	27	8
	CSO-17	3.4	0.26	89%	5	8	6
	CSO-18	7.3	6.1	55%	100	24	31
	CSO-19	8.5	0.0047	100%	1	1	41
	CSO-20	0.44	0.031	93%	3	7	16
	CSO-49	9.2	5.5	63%	105	22	28
	CSO-50	7.4	3	81%	64	21	42
	CSO-51	25	16	62%	215	34	79
	CSO-52	6.9	5.3	57%	105	25	22
	CSO-53	3.6	1.1	75%	38	20	10
	CSO-54	2.7	1.5	64%	58	23	8
	CSO-55	4.8	2.2	68%	42	20	14
	CSO-56	4	2.2	63%	60	23	10
	CSO-57	2.8	3	47%	82	23	16
	CSO-58	1.8	0.14	92%	2	5	22
	Total	180	140	58%			767
	Paxton Creek Interceptor	CSO-21	7.7	31	35%	1003	46
CSO-22		3.7	1.1	75%	45	13	20
CSO-23		2.2	0.57	77%	24	19	16
CSO-24		31	4.7	83%	48	22	158
CSO-25		0.79	1.9	28%	301	25	10
CSO-26		4.9	6.9	46%	151	27	51
CSO-27		4.6	1.8	69%	106	20	8
CSO-28		15	6	72%	88	21	54
CSO-29		8.8	6.9	56%	143	33	43

Table 2.4 Combined Sewer System Wet Weather Characterization for 2024 H1 by CSO Regulator

Interceptor	CSO	Capture Volume (MG)	Overflow Volume (MG)	Capture %	Number of Hours Overflow	Number of Overflows	Drainage Area (acres)
	CSO-30	9.5	0.44	96%	8	13	40
	CSO-31	80	29	73%	243	32	220
	CSO-32	0.031	7.1	0%	1103	48	14
	CSO-33	4.9	4.1	52%	183	31	20
	CSO-34	8.3	11	59%	159	33	62
	CSO-37	7.7	16	43%	143	29	77
	CSO-38	4.3	4.1	51%	80	23	19
	CSO-39	3.1	5.9	26%	189	33	21
	CSO-40	1.4	2.3	36%	185	33	12
	CSO-41	1.8	2.2	45%	106	32	12
	CSO-42	17	35	33%	1075	49	6
	CSO-43	2	0.9	70%	52	24	6
	CSO-44	14	6	70%	130	27	47
	CSO-45	7.7	0.26	95%	2	3	10
	CSO-46	7.7	2	59%	75	23	9
	CSO-48	49	150	33%	179	31	766
	CSO-59	47	20	71%	130	26	154
	Total	350	360	51%			2,004
	Hemlock Creek Interceptor	CSO-60	3.4	1	75%	49	26
CSO-61		16	1.6	91%	4	7	56
CSO-62		5.6	0.74	89%	20	18	10
CSO-63		8.3	0.89	90%	7	10	40
CSO-64		2.5	0.2	93%	2	6	11
Total		36	4.5	89%			133

Table 2.4 Combined Sewer System Wet Weather Characterization for 2024 H1 by CSO Regulator

Interceptor	CSO	Capture Volume (MG)	Overflow Volume (MG)	Capture %	Number of Hours Overflow	Number of Overflows	Drainage Area (acres)
System Total (H1)	2024 H1	560	500	54%			2,904
	2023 H1	370	270	59%			
	2022 H1	420	390	54%			
	2021 H1	380	300	58%			
	2020 H1	410	350	56%			
	2019 H1	530	440	57%			
	2018 H1	540	410	57%			
	2017 H1	420	260	62%			
	Typical Year	430	280	62%			

2.D.2 Dry Weather CSO Discharges

There were nine dry weather overflows observed during this six-month reporting period, which resulted from silt/debris/grease/rag accumulation creating blockages or gate/float mechanical issues. Further details for each DWO are provided in **Appendix K-5**. CRW has a proactive daily regulator inspection program to ensure that DWOs are prevented where possible and detected when they occur as soon as possible. CRW promptly resolves DWOs upon detection and removes accumulated material from the banks of the receiving waters. The total estimated discharge volume from the twelve events was about 22,000 gallons, which is a minimal quantity presenting insignificant impacts to the receiving water.

Section 3

Collection System

3.A Sewer System Extensions

There were no sewer extensions in 2023 for CRW’s collection system. Refer to **Appendix M** for descriptions of sewer system extension in the contributing municipalities.

3.B Condition of Collection System

Partial CD Reference: V.B.10.a

There are approximately 160 miles of collection system sewers in the City of Harrisburg, which include combined sewers, separate sanitary sewers, and separate storm sewers. The combined collection system conveys wastewater and stormwater runoff during wet weather periods. During wet weather events when the combined flow exceeds the dry weather peak flow capacity, there are regulators and diversion chambers which intercept a portion of the wet weather flow for treatment at the AWTF and divert remaining flow to either Paxton Creek or the Susquehanna River. Approximately 80% of the collection system was installed prior to 1940.

3.B.1 Remedial Collection System Maintenance Activities

CRW is required to address long-standing deferred maintenance of its collection system according to the requirements of the partial CD and as further defined under CRW’s NMC Plan and OMM. CRW also responds to customer service requests for maintenance, including flushing and cleaning of manholes, collection and conveyance lines as necessary. CRW responds to emergency sewer issues and repairs sewer mains as necessary. CRW also vacuumed, repaired, and/or rebuilt stormwater inlets. **Appendix J** provides the Collection System Activity Report. The inlet cleaning and repair progress over the last ten years is summarized in **Table 3.1**. During this reporting period CRW’s significant maintenance efforts within the collection system resulted in the following accomplishments:

- Cleaned 68 inlets
- Repaired 63 inlets
- Replaced 7 inlet
- Inspected 7 inlets
- Investigated and/or repaired 66 sinkholes

Table 3.1: Remedial Inlet/Catch Basin Maintenance Progress

Progress Report Period	Cleaned Inlets	Repaired Inlets
2014-2020	4,959	1,268
2021 Jan-Jun	383	63
2021 Jul-Dec	510	72
2022 Jan-Jun	797	83
2022 Jul-Dec	793	179
2023 Jan-Jun	992	113
2023 Jul-Dec	481	105
2024 Jan-Jun	68	63
Total Addressed	8,983	1,943
Percent Addressed (of Entire System)	>100%	52%

3.B.2 Collection System Inspection, Prioritization, and Mapping Activities

CRW continues to implement a comprehensive CCTV inspection program for the collection system, which began in 2016 and is scheduled for completion in mid-2025. CRW completed CCTV inspections of 5.32 miles of collection system sewer during this reporting period.

Based on the investigation findings, CRW update the GIS mapping and H&H model to provide a better understanding of the connectivity and sewershed / catchment boundaries.

CRW completed an initial Strategic Asset Management Plan (SAMP) and the Collection System Asset Management Plan (CAMP), in 2022 and 2023, respectively, which are further detailed in Section 4.C.2. These plans are utilized to prioritize the rehabilitation and replacement construction projects based on the highest concentration of critical pipes.

3.B.3 Collection System Rehabilitation and Repair Activities

During this reporting period, CRW advanced the following collection system rehabilitation and repair projects:

- In December 2015, CRW completed a CCTV inspection and evaluation of approximately 5,000 LF of 10-in to 24-in sanitary sewer in the vicinity of Arsenal Blvd. Based on the findings of the evaluation, CRW continued with further evaluation of alternatives, including topographical survey and additional CCTV investigation of tributary storm (2,412 LF) and sanitary (2,289 LF) sewers in the area in June 2016. During 2019 and 2020 CRW continued design work, which will include rerouting portions of the sewer that are within the stream and areas of severe slopes. Design was completed in 2020, and the project was bid in early 2021. Based on the bid results, CRW redesigned the project and rebid it Fall 2023. Bids were opened in January 2024, and construction is currently underway.
- CRW publicly bid a sewer replacement and rehabilitation project in June 2021 and portions of the project, including point repairs and manhole/inlet replacements were completed under the initial contract. The remaining work was rebid as two separate contracts in September 2022, as summarized below.
 - Open Cut Excavation: approximately 858 linear feet of 10-inch through 36-inch sewer pipe installation; replacement of nine (9) sewer manholes; installation of three (3) sewer manholes; abandonment of five (5) sewer manholes; replacement of 21 storm sewer inlets; removal of two (2) storm water inlets; replacement of three (3) storm sewer inlet tops; repainting of three (3) existing brick storm sewer inlets. This project has been completed.
 - Trenchless Rehabilitation: approximately 9,866 linear feet of cured-in-place (CIPP) lining of 8-inch through 36-inch diameter sewer main; removal of 71 intruding laterals; CIPP lining lateral reinstatement of 258 sewer laterals; 70 linear feet of geopolymer lining of 36-inch diameter sewer main; rehabilitation of 29 sewer manholes. Construction is nearly complete for this project.

- CRW bid the 2024 Sewer System Improvements project, which includes, but is not limited to: (1) installation of 5,550 LF of new 12-42-inch PVC sewer pipe, (2) rehabilitation of 7,900 LF of 15-36-inch sewer pipe, (3) replacement of 92 inlets, and (4) replacement of 590 VF of sewer manholes. Construction is planned to start in Fall 2024 with a two-year contract time.

Implementation of the SAMP/CAMP for future collection system rehabilitation and replacement projects will be guided by an overall strategy that divides the wastewater collection system into prioritized project areas. Sewer rehabilitation and replacements projects will initially be focused on most highly prioritized project areas.

3.C Sanitary Sewer Overflows & Combined Sewer Unauthorized Discharges

Partial CD Reference: Appendix A.d

Table 3.2 summarizes the sanitary sewer overflows (SSO) and combined sewer unauthorized discharges (UD) that occurred during this reporting period, as well as the previous reporting period. These events were reported to PADEP in accordance with the partial CD requirements. These SSOs and UD are the result of unexpected blockages or construction rather than hydraulic capacity constraints.

Table 3.2: Summary of Sanitary Sewer Overflows and Unauthorized Discharges

Date	Location	SSO or UD	Issue	Duration (Hrs)	Volume (Gallons)
1/2/24	638 & 640 S. 25 th St.	UD	Debris/wipes blockage	4	--
1/18/24	104 N. 2 nd St.	UD	Grease blockage	3	--
1/12/24	Spring Creek Interceptor @ Cameron	SSO	Major rain event	--	--
2/10/24	640 S. 25 th St.	UD	Debris/wipes blockage	4	--
4/8/24	2969 Heather Place	UD	Rags/grease/wipes buildup	2	--

Section 4

Wet Weather Control Program Progress Report

4.A Modified Partial Consent Decree Requirements & Deadlines

Capital Region Water entered into a modified partial Consent Decree (CD) with the Department of Justice (DOJ), United States Environmental Protection Agency (EPA), and the Pennsylvania Department of Environmental Protection (DEP) for the management of their combined, sanitary, and storm sewer systems, as well as their pumping stations and Advanced Wastewater Treatment Facility. The Date of Lodging for the modified partial CD was February 13, 2023. The modified partial CD became effective when it was entered by the Court on August 25, 2023. These dates serve as the starting points for multiple deadlines within the partial CD, whereas other dates were independently established and in some cases precede the Date of Lodging.

CRW has fulfilled the partial CD requirements during this reporting period from January 1, 2024 to June 30, 2024, as summarized in **Table 4.1** and highlighted in green within the table. Additionally, CRW completed activities with completion deadlines prior to January 1, 2024, which are also summarized in Table 4.1 and highlighted in gray within the table. Table 4.1 also identifies compliance deadlines for the next reporting period, from July 1, 2024 to December 30, 2024, as stipulated by the partial CD. Compliance dates during this next reporting period that were met prior to this progress report are highlighted in blue within Table 4-1. Compliance dates that occur after the next reporting period are not color-coded within Table 4-1.

4.B Compliance Table

In order to document the relationship between the work that CRW has completed and each line item within the partial CD, **Table 4.2** outlines the following items:

Partial CD Reference	Progress to Date (1/1/24 to 6/30/24)
Description of Partial CD Requirement	Proposed Work (through 12/31/24)
Deadline	Compliance Status

The following color shading, similar to Table 4.1, has been applied to Table 4.2:

- Gray: completed in a previous reporting period
- Green: completed in the current reporting period
- Blue: already completed for the next reporting period
- Yellow: will be completed during the next reporting period

CRW has made significant progress in developing programs and projects in order to fulfill the future requirements of the partial CD.

Table 4.1: CRW Partial CD Deliverable Schedule and Tracking

Deliverable	CD Section	Deadline	Status
Date of Lodging of Consent Decree	IV(8)(p)	2/13/2023	Complete
Updated Water Quality Modeling Plan	V(D)(16)	6/10/2022	Complete
Table of Deliverables (List of Deadlines)	VII(A)(14)	9/4/2023	Complete
Public Notification Plan	V(B)(10)	9/24/2023	Complete
Updated Sensitive Areas / Priority Areas Report	V(D)(18)	9/24/2023	Complete
CSO Outfall Repair	V(F)(28)(b)	2/13/2024	Complete
Annual Update of NMC Plan / O&M Manual	V(C)(11)(a) & V(C)(12)	3/31/2024	Complete
Annual Update of NMC Plan / O&M Manual	V(C)(11)(a) & V(C)(12)	3/31/2025	
Annual Update of NMC Plan / O&M Manual	V(C)(11)(a) & V(C)(12)	3/31/2026	
Annual Update of NMC Plan / O&M Manual	V(C)(11)(a) & V(C)(12)	3/31/2027	
Financial Capability Assessment	V(D)(17)	2/25/2024	Complete
Alternatives Analysis	V(D)(19)	3/31/2024	Complete
Water Quality Model Report (Submit with Alternatives Analysis)	V(D)(17)	3/31/2024	Complete
Revised Long Term Control Plan	V(D)(13)	12/31/2024	
Asset Inspection and Re-Inspection (Summary in Semi-Annual Reports)	V(F)(27)	3/31&9/30	
Technical Memorandum on Flow Monitoring (Annually with Chapter 94 Report)	V(D)(14)(a)	3/31/2024	Complete
MS4 Permit - MCMs Compliance	V(C)(12)	7/31/2025	
Semi-Annual Report/ Annual MS4 Report & Meeting	VII(A)(40)	9/30/2023	Complete
Semi-Annual Report (with Chapter 94 Report) & Meeting	VII(A)(40)	3/31/2024	Complete
Semi-Annual Report/ Annual MS4 Report & Meeting	VII(A)(40)	9/30/2024	
Semi-Annual Report (with Chapter 94 Report) & Meeting	VII(A)(40)	3/31/2025	
Semi-Annual Report/ Annual MS4 Report & Meeting	VII(A)(40)	9/30/2025	
Semi-Annual Report (with Chapter 94 Report) & Meeting	VII(A)(40)	3/31/2026	
Semi-Annual Report/ Annual MS4 Report & Meeting	VII(A)(40)	9/30/2026	
Semi-Annual Report (with Chapter 94 Report) & Meeting	VII(A)(40)	3/31/2027	
Semi-Annual Report/ Annual MS4 Report & Meeting	VII(A)(40)	9/30/2027	
CSO Control Projects (Appendix B)	V(F)(28)(c)	12/31/2032	
<i>Storm Sewer Diversion in CSO-048</i>	Appendix B	12/31/2032	
<i>Sewer Separation (S-027,032,041,060)</i>	Appendix B	12/31/2025	
<i>Modification of select CSO Regulators (FSP)</i>	Appendix B	6/30/2022	Complete
<i>Front Street Interceptor</i>	Appendix B	7/31/2023	Complete
<i>AWTF Primary Clarifier Improvements</i>	Appendix B	12/31/2024	
<i>AWTF Digester</i>	Appendix B	12/31/2022	Complete
<i>Cogeneration to RNG/WAS</i>	Appendix B	3/31/2024	Ongoing
<i>Gravity Thickeners</i>	Appendix B	3/31/2025	

Deliverable	CD Section	Deadline	Status
<i>Secondary Digester Conversion</i>	Appendix B	12/31/2027	
<i>Dewatering Improvements</i>	Appendix B	12/31/2027	
<i>AWTF Renewal - Phase 1</i>	Appendix B	12/31/2025	
<i>AWTF Renewal - Phase 2</i>	Appendix B	12/30/2030	
<i>AWTF Renewal - Phase 3</i>	Appendix B	12/31/2032	
<i>Decentralized Green/Grey Controls - Phase 3</i>	Appendix B	12/31/2022	Complete
<i>Decentralized Green/Grey Controls - Phase 4</i>	Appendix B	6/30/2024	Complete
<i>Decentralized Green/Grey Controls - Phase 5</i>	Appendix B	6/30/2025	
<i>Decentralized Green/Grey Controls - Phase 6</i>	Appendix B	12/31/2030	
<i>Decentralized Green/Grey Controls - Phase 7</i>	Appendix B	12/31/2032	
<i>Collection System Renewal - Phase 1</i>	Appendix B	12/31/2025	
<i>Collection System Renewal - Phase 2</i>	Appendix B	12/31/2030	
<i>Collection System Renewal - Phase 3</i>	Appendix B	12/31/2032	
<i>Paxton Creek Interceptor</i>	Appendix B	6/30/2030	
<i>CSO Regulator Structures - FSI</i>	Appendix B	6/30/2023	Ongoing
<i>CSO Regulator Structures - PCI</i>	Appendix B	9/30/2030	Ongoing
<i>Spring Creek Pump Station and Interceptor</i>	Appendix B	12/31/2028	
<i>NMC 6 - Phase 1 Inspection</i>	Appendix B	12/31/2026	
<i>NMC 6 - Phase 2 Construction</i>	Appendix B	12/31/2030	

Table 4.2: General Description of Work Completed in Reporting Period and Planned for Next Reporting Period

Consent Decree Paragraph	Consent Decree Requirement	Deadline/Compliance Status	Progress to Date (1/1/24 to 6/30/24)	Proposed Work (7/1/24 to 12/31/24)
V.B	Nine Minimum Controls			
V.B.10	Implement the revised and updated NMC Plan.	Ongoing	CRW prepared and submitted the NMC Plan Update.	CRW will continue to implement the NMC Plan and track updates.
V.B.10.a	Implement an O&M Program with an OMM, including review and update at least once calendar year.	Annual updates on March 31.	CRW prepared and submitted the OMM Update.	CRW will continue to implement the OMM and track updates.
V.B.10.b	Maximize use of storage in collection system.			
V.B.10.b.i	Investigate and document currently installed river intrusion prevention measures; perform repairs, replacements, and maintenance to prevent river intrusion.	Ongoing	CRW submitted an updated outfall repair schedule on February 13, 2024.	CRW will implement the near-term outfall investigations and planning.
V.B.10.b.ii	Continue internal investigations and hydraulic modeling to identify priority remedial work to maximize in-pipe storage.	Ongoing	CRW continues to investigate and model the system to maximize in-pipe storage.	CRW will continue to investigate and model the system to maximize in-pipe storage.
V.B.10.b.iii	Identify portions of the combined sewer system that accumulate material and identify frequency for routine cleaning.	Ongoing	CRW continued to evaluate collection system data to establish priorities for remedial repairs and maintenance and continue advancing systemwide CCTV inspections.	CRW will continue to evaluate collection system data to establish priorities for remedial repairs and maintenance and continue advancing systemwide CCTV inspections.
V.B.10.b.iv	Repair areas identified where river intrusion occurs through cracked and damaged outfall pipes; develop a priority list and repair schedule for monitoring, repair, or replacement.	Ongoing	CRW submitted an updated outfall repair schedule on February 13, 2024.	CRW submitted an updated outfall repair schedule on February 13, 2024.
V.B.10.c	Maximization of flow to POTW for treatment; take measures in NMC Plan	Ongoing	CRW continued to maximize flow to the POTW.	CRW will continue to maximize flow to the POTW.
V.B.10.d	Elimination of CSOs during dry weather; take measures in NMC Plan	Ongoing	CRW reported all dry weather overflows in accordance with the guidelines.	CRW will continue their current practices.
V.B.10.e	Control of solids and floatable material. Conduct annual evaluations and implement corrective actions.	Ongoing	CRW removed waste material that has accumulated on the stream banks, if applicable.	Options for floatables control will be evaluated in upcoming projects.
V.B.10.f	Implement public notification procedures and document implementation in semi-annual reports.	Ongoing	CRW prepared and submitted the Public Notification Plan. All required outfall signage was installed by December 31, 2023.	CRW will continue to update signage and notification procedures, as needed.
V.B.10.f.i	Submit a Public Notification Plan, which describes and specifies how and when CRW will notify the public about CSO events.	9/25/2023	CRW prepared the Public Notification Plan..	CRW submitted the Public Notification Plan.
V.B.10.f.ii	Continuously maintain signs or placards at each CSO outfall.	Ongoing	CRW continued to maintain and inspect the signage.	CRW will continue to maintain the signage.
V.B.10.f.iii	Install warning signs at public stream access points.	Ongoing	Signs are installed at access points.	CRW will continue to maintain the signage.
V.B.10.f.iv	Install monitors that include real-time alert/notification systems at 10 locations.	3/23/2024	CRW completed installation of 10 monitors.	CRW will continue to maintain the monitors.
V.B.10.f.v	Develop written procedures and provide the public and the City with information concerning CSO discharge occurrences and their impacts on water quality in the receiving waters.	Ongoing	Refer to Public Notification Plan.	CRW will continue to implement the requirements.
V.B.10.f.vi	Distribute CSO pamphlets for education of the general public.	Ongoing	CRW continued to distribute CSO information via multiple formats.	CRW will continue to distribute CSO information via multiple formats.
V.B.10.f.vii	Evaluate and document CSO public education programs and community response and develop follow-up plans.	Ongoing	CRW continued to implement their public outreach, education, and notification programs.	CRW will further advance their notification program. CRW will continue with public outreach events and communications.
V.B.10.f.viii	Investigate and document public involvement.	Ongoing	CRW continued to monitor and document public involvement.	CRW will continue to monitor and document public involvement.
V.B.10.f.ix	Consider implementing email and/or text message public notification systems.	Ongoing	CRW currently utilizes a text notification system.	CRW will continue to implement these notifications.
V.B.10.g	Monitoring to characterize CSO impact to receiving waters an efficacy of CSO controls.			
V.B.10.g.i	Utilize technology (including H&H model) to calculate the volume, duration, and start-stop time of CSO discharges. Conduct daily visual inspections to confirm CSO occurrence.	Ongoing	CRW inspects the regulator and outfalls daily. Each inspection is documented in Cityworks. The H&H model is utilized to quantify CSO discharges.	CRW will continue to conduct daily inspection of the regulators and outfalls and utilize the H&H model to quantify discharges.
V.B.10.g.ii	Implement the approved Post-Construction Monitoring Program.	To Be Determined	No activity during this period.	No activity anticipated this period.
V.B.10.g.iii	Total daily rainfall in at least 5 minute increments from rain gauges.	Ongoing	CRW continued to collect rainfall data	CRW will continue to collect rainfall data.

Table 4.2: General Description of Work Completed in Reporting Period and Planned for Next Reporting Period

Consent Decree Paragraph	Consent Decree Requirement	Deadline/Compliance Status	Progress to Date (1/1/24 to 6/30/24)	Proposed Work (7/1/24 to 12/31/24)
V.B.10.g.iv	Document procedures used to collect and summarize data concerning total number of CSO overflow events and frequency and duration of CSOs.	Ongoing	CRW documented all their procedures related to regulator and outfall inspections and the occurrence of CSOs in Cityworks. Rainfall is also recorded as noted above. The data is compiled in the Combined Sewer Overflow Report, which is included with the Semi-Annual Report.	CRW will continue to monitor and document each CSO event. CRW is also applying its H&H model to simulate GARR rainfall and estimate CSO volume and duration.
V.B.10.g.v	Utilize the calibrated H&H model and rainfall data to characterize CSO discharges and report them in the semi-annual report.	Ongoing	CRW applied its H&H model to simulate GARR rainfall and estimate CSO volume and duration.	CRW will apply its H&H model to simulate GARR rainfall and estimate CSO volume and duration.
V.B.11	Ongoing review of NMC Plan; annually evaluate the efficacy of the measures implemented under the NMC Plan.	Annual updated on March 31.	CRW prepared and submitted the NMC Plan Update.	CRW will continue to implement the NMC Plan and track updates.
V.C	Minimum Control Measures - Stormwater Discharges			
V.C.12	Comply with the MS4 Individual Permit; stormwater management program shall set forth procedures and schedules for implementation of MCMs.	Ongoing	MCM implementation and MS4 permit compliance continued during this reporting period.	CRW will continue to implement the MS4 permit requirements. The annual MS4 report was submitted.
V.D	Long Term Control Plan			
V.D.13	Complete and submit a revised and updated LTCP			
V.D.13.a	Bring all CSO discharge points into compliance with technology-based and water quality-based requirements of CWA.	12/31/2024	CRW is preparing the LTCP.	CRW will continue to prepare the LTCP.
V.D.13.b	Minimize impacts of CSOs on water quality, aquatic biota, and human health.			
V.D.14	Flow Metering and Monitoring Program			
V.D.14.a	Prepare a tech memo with data calibrated to flow volumes documents the results and quality of the flow monitoring data.	Annually on March 31	This was included with the Semi-Annual Report.	CRW will include this in the Semi-Annual Report.
V.D.14.b	Utilize rainfall and flow monitoring data to revise, calibrate, and validate the H&H model using the EPA SWMM 5 modeling platform.			
V.D.15	LTCP Approach & Pollutants of Concern: submit any proposed modification to the pollutants of concern.	Complete	CRW will incorporate these requirements in the revised LTCP.	CRW will incorporate these requirements in the revised LTCP.
V.D.16	Water Quality Modeling Plan			
V.D.16.a	Water quality modeling software to be employed			
V.D.16.b	Model configuration, including reaches to be modeled and segmentation and boundary conditions			
V.D.16.c	Calibration and validation, including events and data to be employed, quantitative and qualitative calibration criteria, and utilization of H&H Model outputs	6/10/2022; Complete	CRW implemented the WQM Plan as part of the Alternatives Analysis.	CRW will continue to implement the WQM Plan as part of the LTCP.
V.D.16.d	Use of the Water Quality Model to evaluate Typical Year in-stream conditions for each identified pollutant of concern			
V.D.16.e	Schedule for model development and implementation, including integration into LTCP development consistent with other dates required pursuant to this Consent Decree			
V.D.17	Prepare a Financial Capability Analysis, including sewer rate setting, service population definition, and median household income.	2/25/2024	CRW submitted the FCA in February 2024.	CRW is responding to comments on the FCA.
V.D.18	Prepare a report that addresses sensitive and priority areas in the receiving waters with documentation of inquiries to state and federal agencies.	9/25/2024	CRW submitted the report.	CRW is incorporating the results in the updated LTCP.

Table 4.2: General Description of Work Completed in Reporting Period and Planned for Next Reporting Period

Consent Decree Paragraph	Consent Decree Requirement	Deadline/Compliance Status	Progress to Date (1/1/24 to 6/30/24)	Proposed Work (7/1/24 to 12/31/24)
V.D.19	Conduct an alternatives evaluation that consists of (1) identification of feasible CSO control technologies, (2) evaluation of a wide range of CSO control alternatives and sizes of each, (3) selection of a suite of proposed CSO controls to comply with the CWA. Focus on controls for outfalls with sensitive areas, priority areas, high frequency, or greatest volume.	3/31/2024	CRW submitted the Alternatives Analysis.	CRW is responding to comments on the Alternatives Analysis.
V.D.19.a	Assess the technical feasibility of the following control technologies: source controls, collection system controls, storage technologies, and treatment technologies. Separation and deep tunnel storage shall be included.			
V.D.19.b	Identify a broad range of CSO controls for detailed evaluation; refer to CD for details.			
V.D.19.c	Consider GI alternatives as part of the control alternatives; refer to CD for details.			
V.D.20	Analyze the LTCP impact on environmental justice populations.	12/31/2024	CRW is preparing the LTCP.	CRW will continue to prepare the LTCP.
V.D.21	The LTCP shall include these specific elements; refer to CD for details.	12/31/2024	CRW is preparing the LTCP.	CRW will continue to prepare the LTCP.
V.D.22	Any proposal to modify the LTCP development schedule or the content of the deliverables shall follow the procedures in Section XIX.	To Be Determined	No activity required this period.	No activity anticipated this period.
V.D.23	After approval the LTCP shall be incorporated into and be an enforceable part of a modification to this CD or a second CD.	To Be Determined	No activity required this period.	No activity anticipated this period.
V.E	Separate Sanitary Sewer Compliance			
V.E.24	Sanitary sewer overflows are prohibited.	Ongoing	CRW minimized/prevented SSOs.	CRW will continue to minimize/prevent SSOs.
V.E.25	Report SSOs by phone to PADEP within 4 hours and writing within 5 days of becoming aware it.	Ongoing	CRW reported any SSOs.	CRW will continue to report SSOs.
V.E.26	Satisfy the following compliance requirements in the operation and maintenance of the separate sanitary sewer system:			
V.E.26.a	The OMM shall address the O&M of the separate sanitary sewer system	Ongoing	This is included in the OMM.	Updates will be incorporated as required.
V.E.26.b	H&H Model shall continue to include the separate sanitary sewer system.	Ongoing	This is included in the H&H model.	Updates will be incorporated as required.
V.E.26.c	H&H Model shall be calibrated and validated.	Ongoing	The H&H model has been calibrated.	Updates will be incorporated as required.
V.E.26.d	LTCP shall address the reduction of dry-weather and wet-weather SSOs.	Ongoing	CRW will include this in the LTCP.	Updates will be incorporated as required.
V.F	Ongoing Construction / Early Action Projects			
V.F.27	Asset Inspection & Re-Inspection; existing assets to be remediated shall be inspected not more than 3 years before asset remediation construction.	Report on in Semi-Annual Reports	No action required during this reporting period.	No activity anticipated this period.
V.F.28	Specific Projects			
V.F.28.a	Collection System Improvements - Refer to Appendix B	Refer to TABLE 4.1	Refer to TABLE 4.1	Refer to TABLE 4.1
V.F.28.b	CSO Outfall Repair; investigate each CSO outfall, define priority remedial work, and develop a schedule for completion	2/13/2024	CRW submitted an updated outfall repair schedule on February 13, 2024.	CRW will implement the near-term outfall investigations and planning.
V.F.28.c	CSO Control Projects - Refer to Appendix B	Refer to TABLE 1.1	Refer to TABLE 4.1	Refer to TABLE 4.1
V.G	General Compliance			
V.G.29	Effluent Limits for AWTF.			
V.G.29.a	Comply with the final effluent limits in the NPDES Permit.	Ongoing	CRW continued to comply with the permit.	CRW will continue to fulfill these reporting requirements.
V.G.30	Dry Weather Overflows			
V.G.30.a	DWOs are prohibited	Ongoing	CRW continued to minimize/prevent DWOs.	CRW will continue to minimize/prevent SSOs.
V.G.30.b	Report DWOs by phone to PADEP within 4 hours and writing within 5 days of becoming aware it.	Ongoing	CRW continued to perform these reporting requirements.	CRW will continue to fulfill these reporting requirements.
V.G.30.c	When a DWO occurs begin corrective action immediately upon notification or discovery	Ongoing	The DWOs were resolved.	CRW will continue to fulfill these reporting requirements.
V.G.30.d	Report all DWOs in the semi-annual report.	Ongoing	CRW continued to perform these reporting requirements.	CRW will continue to fulfill these reporting requirements.
V.G.31	Unauthorized releases from the combined sewer system are prohibited.	Ongoing	CRW continued to minimize/prevent unauthorized discharges.	CRW will continue to minimize/prevent unauthorized discharges.
V.G.32	Report unauthorized releases by phone to PADEP within 4 hours and writing within 5 days of becoming aware it.	Ongoing	CRW continued to track and report unauthorized discharges.	CRW will continue to track and report unauthorized discharges.

Table 4.2: General Description of Work Completed in Reporting Period and Planned for Next Reporting Period

Consent Decree Paragraph	Consent Decree Requirement	Deadline/Compliance Status	Progress to Date (1/1/24 to 6/30/24)	Proposed Work (7/1/24 to 12/31/24)
V.G.33	Reporting Planned Changes and Non-Compliance.			
V.G.33.a	Comply with the provisions of the NPDES permit requiring the reporting of anticipated and unanticipated non-compliance with the NPDES permit.	Ongoing	CRW continued to comply with the NPDES permit.	CRW will continue to fulfill these reporting requirements.
V.G.33.b	Written notice of non-compliance shall also be submitted to EPA	Ongoing	CRW continued to perform these reporting requirements.	CRW will continue to fulfill these reporting requirements.

4.C Progress & Projected Work

4.C.1 Legal Authority, Rules & Regulations, and Compliance

Partial CD References: V.B.10, V.D.13.a, V.D.13.b

Following the acquisition of portions of the sewer system that were previously owned and operated by the City of Harrisburg, it was necessary for CRW to acquire additional legal authority for the enforcement of activities within the City. In collaboration with the City, CRW entered into an intergovernmental cooperation agreement to facilitate and assist with environmental compliance. The Agreement provides CRW with the necessary enforcement authority to fulfill their permit and consent decree requirements, as well as outlines means for cooperation between the two entities.

CRW adopted new Wastewater and Stormwater Rules and Regulations on February 1, 2020, which were updated on October 1, 2020. In May 2019 CRW hired an Environmental Compliance Inspector who is tasked with enforcing compliance.

A Fats, Oils, and Grease (FOG) Program was also developed and implemented. Development of the program involved preparing the following draft documents: standard operating procedures, an ordinance for inclusion in the updated Wastewater and Stormwater Rules and Regulations, FOG permit documentation, a FOG registry, public education materials, an enforcement response plan, and an implementation plan. CRW has also been coordinating closely with the City of Harrisburg on FOG permitting and inspection requirements. The Environmental Compliance Inspector conducted 109 FOG discharger inspections during this reporting period. There were 75 FOG permits issued or renewed during this reporting period.

CRW advanced the Illicit Discharge, Detection, and Elimination (IDDE) Program by incorporating a standard operating procedure in the March 2021 Operations and Maintenance Manual (OMM) and incorporating IDDE workflows into Cityworks. These apply to both the combined sewer, sanitary sewer, and storm sewer systems in the CRW service area. The Environmental Compliance Officer conducted 9 investigations during this reporting period. Three notices of violation were issued, which includes FOG and IDDE violations.

4.C.2 NMC Plan, OMM, SAMP, & CAMP

Partial CD References: V.B.10, V.B.11

CRW developed a detailed approach to achieve future compliance with each of the NMCs, which was submitted in the August 10, 2015 NMC Plan. In many cases the compliance measures are already implemented, such as daily CSO regulator inspections. In other areas, additional information is required to implement some of the NMCs and CRW has undertaken the efforts necessary to collect the data. Refer to Table 4.2 for additional details on the specific implementation of NMC requirements under the modified partial CD. In 2024, CRW incorporated recommended improvements in the March 2024 Annual Update. **Appendix L** presents the NMC Plan Summary Table that was included with the NMC Plan Update (submitted March 29, 2024) and provides details on the current level of implementation for each NMC, as well as the proposed future actions to achieve full compliance.

The NMC Plan includes CRW's training program, which will be updated to include target audience groups each year with specific training topics.

CRW completed the new Operations and Maintenance Manual (OMM) on August 10, 2015. The OMM defines the critical equipment and facilities for the AWTF and collection/conveyance systems. The OMM also includes detailed procedures, complete with checklists, for the following system components: CSO regulators, outfalls and backflow prevention gates, pump stations, interceptors, force mains, collection system and manholes, and inlets and catch basins. The OMM also outlines emergency procedures, citizen complaint tracking, sinkhole remediation, and education programs. CRW reviewed the OMM to implement improvements in the 2024 Annual Update, which was submitted with the 2024 Chapter 94 report in accordance with the consent decree.

The OMM includes procedures for the combined sewer, sanitary sewer, and storm sewer systems in the CRW service area. A detailed OMM for Green Stormwater Infrastructure V.7.0 is incorporated as an Appendix to the OMM (Appendix F). A section on street sweeping has been incorporated, which is a key O&M activity in the MS4 portion of system. The existing inlet cleaning procedures also apply to the MS4 portion of the system.

CRW's initial Strategic Asset Management Plan (SAMP), dated August 31, 2022 is the primary document providing the concise, overarching framework and guidance for administration of CRW's Asset Management Program. The strategic plan creates a consistent and repeatable approach to operating and maintaining CRW's facilities and systems to help CRW meet the established service level expectations and other operational objectives at the lowest life cycle cost including managing risk exposure. On July 14, 2023 CRW finalized the revision of the Collection System Asset Management Plan (CAMP) aligning the tactical plans with the overarching asset management strategy. The CAMP is the tactical asset class plan providing the short and long-term strategies to address the collection system's operational and maintenance requirements along with rehabilitation and replacement needs. All asset management plans are meant to be living documents that will require CRW to maintain with annual review and updates as needed.

4.C.3 GIS & Cityworks

Since the implementation of Cityworks on October 20, 2015, CRW continues to expand the development of the sewer maintenance management system. This software is the record keeping tool for maintenance activities and assist in reporting requirements of the partial CD. During this reporting period the following items have been documented in Cityworks for sewer system maintenance and inspection activities:

- 1,599 work orders completed, including pipe flushing, cleaning out manholes, repairing manholes
- 10,556 daily CSO inspections
- 973 hotspot inspections

CRW continues to review and assess the data captured with relation to workflow processes and reporting requirements. Training protocol for all Cityworks users has been established and

continues according to new hires and individual needs. Training materials, such as ‘User Guides’, were developed and implemented. Integration and roll-out of updates and customization to the user interface were developed and implemented to improve efficiency and accuracy of data collection. CRW is incorporating additional reporting, related to maintenance and regulatory activities within the sewer system, from Cityworks data. Cityworks advancements included developing templates for MS4 outfall inspection, development review, and stormwater control measure O&M agreements.

CRW continues to update their GIS database, and recent additions include incorporating capital projects.

4.C.4 Public Notification & Outreach

Partial CD Reference: V.B.10.f

CRW’s Public Notification Plan, which is included as an appendix in the NMC Plan was submitted on September 22, 2023 and serves to describe and specify how and when CRW will notify the public about CSO events. CRW responded to comments from EPA and DEP in November 2023.

All of the CSO outfall signage identified in the Plan was installed by the December 31, 2023 deadline. CRW also procured and installed ten ADS ECHO monitors at selected CSO regulators prior to the March 20, 2024 deadline.

CRW developed and implemented a plan to annually inspect all CSO signage and to replace all missing, damaged or illegible signs within 90 days from the inspection date. In 2024, Susquehanna River signage was inspected in April, and Paxton Creek signage was inspected in May. Necessary sign replacements were made in July. Inspections and replacements are tracked through Cityworks. A 2024 inspection report and summary are included in Appendix P, including inspection and installation results and dates. In 2025, inspections will be conducted in late fall or early winter to better accommodate CRW staff schedules and ensure they have the adequate time and resources to make necessary replacements within the required 90-day timeframe.

Subsequent implementation of this Public Notification Plan will be documented in the Semi- Annual Reports on Consent Decree Implementation.

CRW utilizes the Everbridge Emergency Alert System to provide a daily update/alert on CSO activity. Alerts provide notice of observed CSO activity within the previous 24 hours. Customers and stakeholders can access that information through a CSO Hotline at any time (24/7) by calling CRW at 888-510-0606 and listening for the prompt to hear an automated recording of the CSO alerts. In 2024, CRW also launched a subscription service that allows interested members of the public to subscribe to receive CSO alerts via text and email messages anytime overflow activity is observed. Messages include times, dates and locations of when and where CSO activity is observed.

CRW has continued to conduct numerous public outreach activities during this reporting period, including the following:

- Held Community Ambassador Meetings on an every-other-month basis, informing a committee of Harrisburg residents who advise Capital Region Water on its projects and programs.
- Participated in or hosted 19 community events, including facility tours, meeting presentations, litter cleanups and educational gatherings.
- Utilized multiple methods of public outreach, including bill inserts, newsletters, door-to-door notices, earned local media coverage, website content, email messages, and social media posts to engage the public on topics, including combined sewer overflows, stormwater management and homeowners' responsibilities.

4.C.5 MS4 & TMDL Strategy

Partial CD Reference: V.C.12

CRW prepared and submitted a new MS4 Individual Permit Application on September 15, 2017 based on the revised DEP MS4 permit requirements. This also involved developing Pollutant Reduction Plans and identifying key projects. CRW partnered with Lower Paxton Township and Susquehanna Township to prepare the Joint Pollutant Reduction Plan.

To solidify this partnership, an Intergovernmental Cooperation Agreement between CRW, Lower Paxton Township and Susquehanna Township for the implementation of the Joint Pollutant Reduction Plan to address the combined sediment waste load reduction obligations of signatory parties was executed. The costs associated with the development will be shared equally. The cost for implementation associated with each New BMP Project shall be shared pursuant to the allocation provided in the Task Order authorizing the New BMP Project. The Task Orders will be executed as sub-agreements under the Intergovernmental Cooperation Agreement.

Under this program, the Municipal Entities are also partnering with PennDOT to construct stormwater Best Management Practices (BMPs), specifically stream restoration projects, that reduce sediment pollution discharging to the watershed.

CRW's MS4 Individual Permit Application became effective on August 1, 2020. CRW continued to implement the requirements of the MS4 permit during this reporting period. From August 1, 2023 to July 31, 2024, CRW implemented the requirements under the fourth year of the MS4 permit, which was documented in the Annual MS4 Status Report.

4.C.6 IFMMPP

Partial CD Reference: V.B.10.g, V.D.14

CRW continued to monitor eight precipitation gauging sites, as well as gauge adjusted radar rainfall, which is an ongoing program. CRW is maintaining the four flow meters monitoring flow from the satellite communities, as well as eight of the combined sewer interceptor flow meters at the current sites in order to support flow maximization and storage maximization evaluations.

4.C.7 LTCP Development

Partial CD Reference: V.D.13, V.D.19, V.D.21

CRW is developing the updated City Beautiful H2O Program Plan (CBH2OPP), which is due on December 31, 2024. CRW submitted the Alternative Analysis Report and Financial Capabilities Assessment during this reporting period. CRW is currently responding to regulatory comments on both reports.

4.C.8 Green Stormwater Infrastructure Program

Through the mid-year of 2024, CRW has continued to make strides to further the development and implementation of its Green Stormwater Infrastructure (GSI) Program, now known as Stormwater Control Measures (SCMs). SCMs systems are constructed, functioning, and maintained. These systems consist of:

- Phase 4:
 - Boys and Girls Club - one (1) rain garden, one (1) permeable pavement, one (1) storage/infiltration SCMs; *(Construction Complete 2023)*
 - 4th and Harris Green Street – five (5) rain gardens, one (1) tree trench, six (6) storage/infiltration trench SCMs; *(Construction Complete 2024)*
 - 4th and Peffer Community Gardens HRA Lots - two (2) rain gardens, one (1) permeable pavement, two (2) storage/infiltration SCMs; *(Construction Complete 2024)*
 - 15th and Swatara Community Gardens HRA Lots - one (1) rain garden, one (1) tree trench, one (1) storage/infiltration SCMs; *(Construction Complete 2024)*
- Camp Curtin YMCA Big Green Block – two (2) rain gardens, one (1) storage/infiltration, 11 stormwater trees, two (2) tree trenches, and three (3) stormwater green wall systems with planters SCMs;
- Bellevue Ponds Stormwater Retrofit – one (1) sediment control structure, two (2) storage ponds SCMs with OPTI Continuous Monitoring and Adaptive Management systems;
- 4th and Dauphin Park – two (2) rain gardens, one (1) storage/infiltration, one (1) tree trench SCMs;
- South Allison Hill Green Street – 7 rain gardens, 7 tree trenches, three (3) storage/infiltration trench SCMs;
- Cloverly Heights Park – one (1) rain garden, one (1) permeable pavement, two (2) storage/infiltration trench Stormwater Control Measures (SCMs);
- Penn & Sayford Park – two (2) rain garden SCMs;
- Royal Terrace Park – one (1) permeable pavement and one (1) storage/infiltration trench SCM;

- Summit Terrace Community Space – two (2) rain gardens and two storage/infiltration trench SCMs; and
- 3rd St - 29 rain gardens, 14 stormwater trees, and one (1) tree trench SCM.

CRW has completed the GSI program's five year pilot phase. CRW is expanding the evaluation of GSI in the updated CBH₂O Plan and will consider updates as needed in preparation for the next phase of the SCM program.

4.D Wet Weather Program Management Schedule

Table 4.1 provides an overall summary of the key partial CD deadlines around which CRW is formulating their overall program for wet weather management. The key tasks for the next reporting period are as follows:

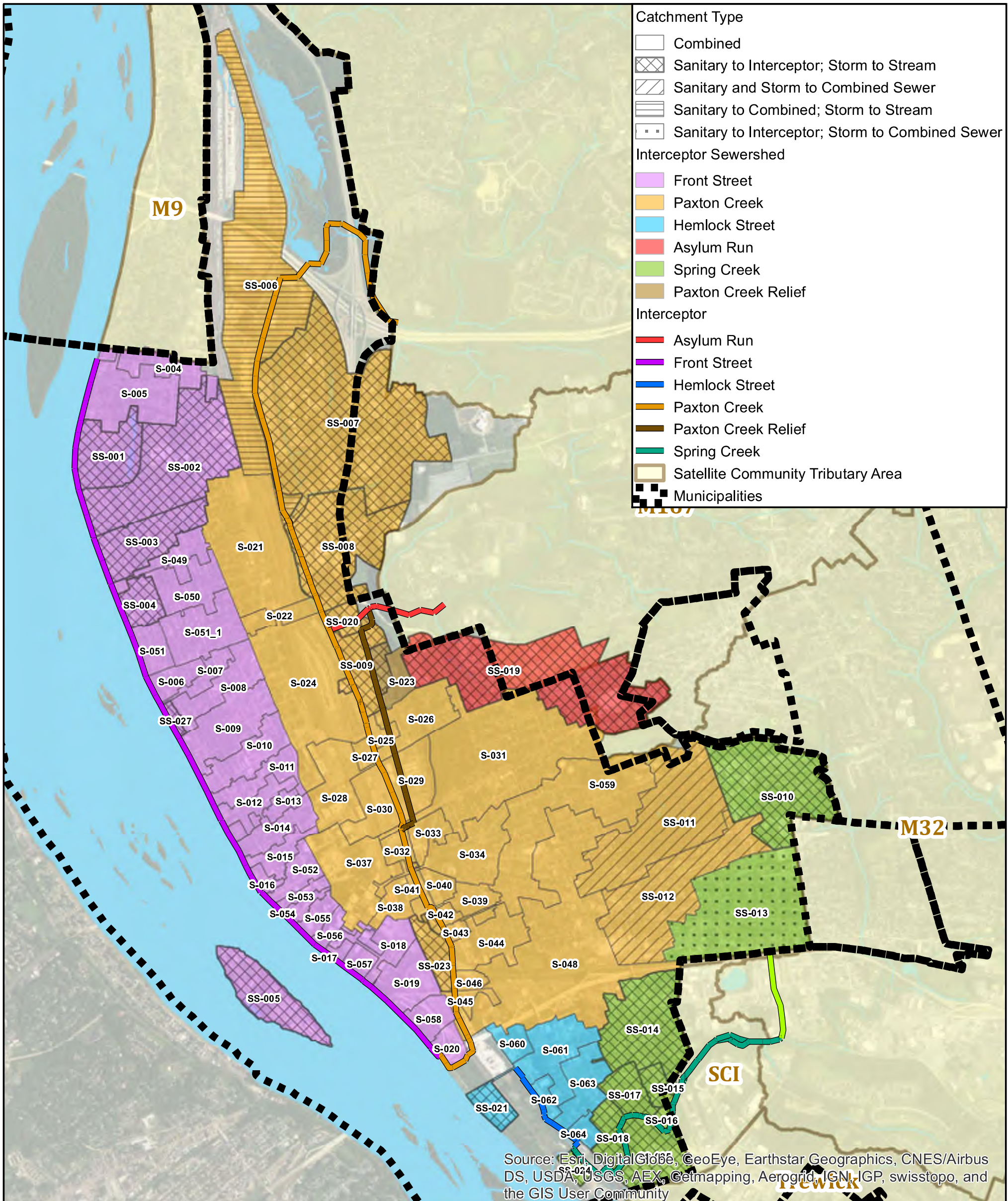
- Complete the updated CBH₂O Plan submission.
- Continue activities/projects outlined in Appendix B of the Modification to the partial Consent Decree.



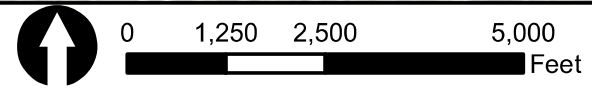
Appendix I

Conveyance System Summary Table

Interceptor	Type	Size (inches)	Length (miles)	Material	Number Of CSO Outfalls	CSO Discharge Receiving Water
Front Street (FSI)	Combined	39 x 36; 40; 42	3.95	Concrete, VCP	27	Susquehanna River
Paxton Creek (PCI)	Combined	59 x 48; 60 x 72	5.53	Concrete	25	Paxton Creek
Hemlock Street (HSI)	Combined	24	0.52	Concrete, VCP	5	Paxton Creek
Spring Creek (SCI)	Sanitary	24 - 36	2.03	Concrete, CMP, DIP	0	N/A
Paxton Creek Relief (PCRI)	Sanitary	48	1.15	Concrete	0	N/A
Asylum Run (ARI)	Sanitary	24	0.67	Concrete, VCP	0	N/A



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



3/8/2017 | PM: JAA | GIS: JWE

CAPITAL REGION WATER | Mapping derived from data provided by Dauphin County, Capital Region Water, and the City of Harrisburg.

Map of Conveyance System

Capital Region Water
Dauphin County, Pennsylvania



Appendix J

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
SEWER				
80534	CCTV Sewer Lateral	1/18/2024	16th & Market St	1
80575	CCTV Sewer Lateral	1/21/2024	Market st	1
80576	CCTV Sewer Lateral	1/21/2024	Market st	1
80589	CCTV Sewer Lateral	1/23/2024	18th st	1
80590	CCTV Sewer Lateral	1/23/2024	Market St	1
80678	CCTV Sewer Lateral	1/29/2024	Market St	1
80727	CCTV Sewer Lateral	1/31/2024	16th & Market	1
80728	CCTV Sewer Lateral	1/31/2024	16th & Market St	1
80798	CCTV Sewer Lateral	2/5/2024	Market St	1
80799	CCTV Sewer Lateral	2/5/2024	Market st	1
80801	CCTV Sewer Lateral	2/5/2024	Market st	1
80804	CCTV Sewer Lateral	2/5/2024	1625 north	1
80997	CCTV Sewer Lateral	2/14/2024	Regina st	1
80923	CCTV Sewer Lateral	2/16/2024	217 Reily St	1
80695	CCTV Sewer Lateral	2/16/2024	Calder st	1
81168	CCTV Sewer Lateral	2/21/2024	Pine st	1
81345	CCTV Sewer Lateral	2/28/2024	3003 N Front St, Harrisburg, Pennsylvania, 17110	1
81234	CCTV Sewer Lateral	2/28/2024	2101 Berryhill Street	1
81413	CCTV Sewer Lateral	2/29/2024	Reily St	1
81222	CCTV Sewer Lateral	2/29/2024	556 S front st	1
81229	CCTV Sewer Lateral	2/29/2024	557 S front st	1
81616	CCTV Sewer Lateral	3/20/2024	Verbeke st	1
81962	CCTV Sewer Lateral	3/25/2024	Pine st	1
81966	CCTV Sewer Lateral	3/25/2024	Emerald st	1
81969	CCTV Sewer Lateral	3/25/2024	18th st	1
81743	CCTV Sewer Lateral	3/25/2024	1356 Vernon	1
82482	CCTV Sewer Lateral	4/24/2024	verbeke st	1
82455	CCTV Sewer Lateral	4/30/2024	Ethel to Park	1
82562	CCTV Sewer Lateral	4/30/2024	1226 Capital	1
82782	CCTV Sewer Lateral	5/9/2024	1222 Christian St, Harrisburg, Pennsylvania, 17104	1
83098	CCTV Sewer Lateral	5/28/2024	3213 n 5th st	1
83306	CCTV Sewer Lateral	5/29/2024	Conoy st	1
82756	CCTV Sewer Lateral	5/30/2024	217 Reily St rear	1
82923	CCTV Sewer Lateral	5/30/2024	2nd st	1
83261	CCTV Sewer Lateral	5/30/2024	16th St	1
83394	CCTV Sewer Lateral	6/13/2024	swatara st	1
80478	CCTV Sewer Pipe	1/16/2024		5
80392	CCTV Sewer Pipe	1/17/2024	4th st	1
80390	CCTV Sewer Pipe	1/17/2024	4th st	1
80326	CCTV Sewer Pipe	1/17/2024	Calder st	1
80325	CCTV Sewer Pipe	1/17/2024	Wiconisco St	1
80324	CCTV Sewer Pipe	1/17/2024	Wiconisco St	1
80281	CCTV Sewer Pipe	1/17/2024	Wayne st	1
80221	CCTV Sewer Pipe	1/17/2024	14th st & Thompson St	1
80497	CCTV Sewer Pipe	1/19/2024	5th st	1
80411	CCTV Sewer Pipe	1/23/2024	Verbeke	1
80781	CCTV Sewer Pipe	2/5/2024	1625 north	1
80663	CCTV Sewer Pipe	2/5/2024	1625 North St	1
80788	CCTV Sewer Pipe	2/6/2024	13th st	1
80792	CCTV Sewer Pipe	2/6/2024		2
80860	CCTV Sewer Pipe	2/14/2024	front st	1
80900	CCTV Sewer Pipe	2/14/2024	Regina st	1
80882	CCTV Sewer Pipe	2/14/2024	Regina st	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
80607	CCTV Sewer Pipe	2/14/2024	Rolleston st	1
81000	CCTV Sewer Pipe	2/14/2024		4
80806	CCTV Sewer Pipe	2/14/2024	16th & North St	1
80855	CCTV Sewer Pipe	2/14/2024		4
			14 N 20th St, Harrisburg,	
80974	CCTV Sewer Pipe	2/15/2024	Pennsylvania, 17103	1
80969	CCTV Sewer Pipe	2/15/2024	Front st	1
80966	CCTV Sewer Pipe	2/15/2024	Nagle R/W	1
80940	CCTV Sewer Pipe	2/16/2024	3rd st	1
80939	CCTV Sewer Pipe	2/16/2024	Verbeke st	1
80938	CCTV Sewer Pipe	2/16/2024	3rd st	1
80937	CCTV Sewer Pipe	2/16/2024	Chestnut st	1
80936	CCTV Sewer Pipe	2/16/2024	25th st	1
80915	CCTV Sewer Pipe	2/16/2024	Penn st	1
80902	CCTV Sewer Pipe	2/16/2024	Wister	1
81094	CCTV Sewer Pipe	2/21/2024	Pine st	2
81093	CCTV Sewer Pipe	2/23/2024	week of 2.12.24 SAN	3
			3003 N Front St, Harrisburg,	
81333	CCTV Sewer Pipe	2/28/2024	Pennsylvania, 17110	1
81232	CCTV Sewer Pipe	2/28/2024	2101 Berryhill Street	1
81380	CCTV Sewer Pipe	2/28/2024	Cranberry St & N Court St,	7
81273	CCTV Sewer Pipe	2/28/2024	Sunday 2.25 SAN	8
81388	CCTV Sewer Pipe	2/28/2024	Front St	1
81390	CCTV Sewer Pipe	2/28/2024	Hummel St	1
81389	CCTV Sewer Pipe	2/28/2024	Bellvue Rd	1
81414	CCTV Sewer Pipe	2/29/2024	Week of SAN 2/26/24	11
81405	CCTV Sewer Pipe	2/29/2024	Reily St	1
81465	CCTV Sewer Pipe	3/11/2024	front and verbeke	15
81938	CCTV Sewer Pipe	3/25/2024	Pine st	1
81506	CCTV Sewer Pipe	3/25/2024	Berryhill St	1
81510	CCTV Sewer Pipe	3/25/2024	Emerald st	1
81688	CCTV Sewer Pipe	3/25/2024	2735 n 5th st	1
81694	CCTV Sewer Pipe	3/25/2024	18th st	1
81912	CCTV Sewer Pipe	3/25/2024	Week of SAN 3-11-24	22
81838	CCTV Sewer Pipe	3/26/2024	Catherine st	6
82285	CCTV Sewer Pipe	4/24/2024	Cameron St	1
82106	CCTV Sewer Pipe	4/29/2024	Strawberry Alley	2
82149	CCTV Sewer Pipe	4/30/2024	Wallace st	1
82342	CCTV Sewer Pipe	4/30/2024	5th St	1
82478	CCTV Sewer Pipe	4/30/2024	23rd St	1
82477	CCTV Sewer Pipe	4/30/2024	23rd St	1
82566	CCTV Sewer Pipe	4/30/2024	Verbeke	1
82476	CCTV Sewer Pipe	4/30/2024	23rd St	1
			1222 Christian St, Harrisburg,	
82742	CCTV Sewer Pipe	5/9/2024	Pennsylvania, 17104	1
83105	CCTV Sewer Pipe	5/27/2024	Week of 5/13/24 SAN	29
83061	CCTV Sewer Pipe	5/27/2024	Verbeke St	1
83070	CCTV Sewer Pipe	5/27/2024	Conoy st	1
83044	CCTV Sewer Pipe	5/28/2024	Verbeke St	1
83063	CCTV Sewer Pipe	5/28/2024	2nd St	1
83178	CCTV Sewer Pipe	5/29/2024	Paxton st	1
83093	CCTV Sewer Pipe	5/29/2024	3213 n 5th st	1
83163	CCTV Sewer Pipe	5/29/2024	Forester CSO	1
83176	CCTV Sewer Pipe	5/29/2024	Paxton st	1
83179	CCTV Sewer Pipe	5/29/2024	Paxton st	1
			William St & Reily St, Harrisburg,	
82432	CCTV Sewer Pipe	5/30/2024	Pennsylvania, 17102	1
82689	CCTV Sewer Pipe	5/30/2024	2501 N 5th st	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
82729	CCTV Sewer Pipe	5/30/2024	Regina st	1
82761	CCTV Sewer Pipe	5/30/2024	Salmon Alley	1
82770	CCTV Sewer Pipe	5/30/2024	Salmon Alley	1
82819	CCTV Sewer Pipe	5/30/2024	2nd Street	1
82914	CCTV Sewer Pipe	5/30/2024	2nd st	1
83021	CCTV Sewer Pipe	5/30/2024	16th St	1
83025	CCTV Sewer Pipe	5/30/2024	Turner Alley	1
83039	CCTV Sewer Pipe	5/31/2024	Verbeke St	1
83042	CCTV Sewer Pipe	5/31/2024	Verbeke R/W	1
83366	CCTV Sewer Pipe	6/13/2024	Locust st	1
83379	CCTV Sewer Pipe	6/13/2024	swatara st	1
83405	CCTV Sewer Pipe	6/18/2024	Hudson St	1
83403	CCTV Sewer Pipe	6/18/2024	Hudson St	1
83454	CCTV Sewer Pipe	6/27/2024	12th st	1
83456	CCTV Sewer Pipe	6/27/2024	12th St	1
83459	CCTV Sewer Pipe	6/27/2024	12th St	1
83464	CCTV Sewer Pipe	6/30/2024	12th St	1
83463	CCTV Sewer Pipe	6/30/2024	12th St	1
84000	CCTV Sewer Pipe	6/30/2024	Giant R/W	1
84078	CCTV Sewer Pipe	6/30/2024	16th St R/W	1
84084	CCTV Sewer Pipe	6/30/2024	Radnor st	1
83981	CCTV Sewer Pipe	6/30/2024	WEEK OF 6.24 SAN	11
83976	Clean CSO Site	6/23/2024	South Cameron and Cumberland	1
83977	Clean CSO Site	6/23/2024	N. .Cameron & Cumberland	1
83974	Clean CSO Site	6/23/2024	Cameron & Calder	1
84002	Clean CSO Site	6/24/2024	Front & Cumberland	1
84005	Clean CSO Site	6/24/2024	Front & Market	1
84004	Clean CSO Site	6/25/2024	Front & State	1
81118	Clean Sanitary Manhole	2/21/2024	25th St.	1
83180	CSO Response	5/28/2024	Front & Forster	1
80189	Daily CSO Inspection Front Street	1/1/2024		27
80193	Daily CSO Inspection Front Street	1/2/2024		27
80200	Daily CSO Inspection Front Street	1/3/2024		27
80223	Daily CSO Inspection Front Street	1/4/2024		27
80267	Daily CSO Inspection Front Street	1/5/2024		27
80290	Daily CSO Inspection Front Street	1/6/2024		27
80300	Daily CSO Inspection Front Street	1/7/2024		27
80304	Daily CSO Inspection Front Street	1/8/2024		27
80315	Daily CSO Inspection Front Street	1/9/2024		27
80345	Daily CSO Inspection Front Street	1/10/2024		27
80361	Daily CSO Inspection Front Street	1/11/2024		27
80394	Daily CSO Inspection Front Street	1/12/2024		27

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
80423	Daily CSO Inspection Front Street	1/13/2024		27
80453	Daily CSO Inspection Front Street	1/14/2024		27
80454	Daily CSO Inspection Front Street	1/15/2024		27
80462	Daily CSO Inspection Front Street	1/16/2024		27
80489	Daily CSO Inspection Front Street	1/17/2024		27
80527	Daily CSO Inspection Front Street	1/18/2024		27
80544	Daily CSO Inspection Front Street	1/19/2024		27
80551	Daily CSO Inspection Front Street	1/20/2024		27
80570	Daily CSO Inspection Front Street	1/21/2024		27
80573	Daily CSO Inspection Front Street	1/22/2024		27
80582	Daily CSO Inspection Front Street	1/23/2024		27
80594	Daily CSO Inspection Front Street	1/24/2024		27
80608	Daily CSO Inspection Front Street	1/25/2024		27
80633	Daily CSO Inspection Front Street	1/26/2024		27
80644	Daily CSO Inspection Front Street	1/27/2024		27
80654	Daily CSO Inspection Front Street	1/28/2024		27
80660	Daily CSO Inspection Front Street	1/29/2024		27
80669	Daily CSO Inspection Front Street	1/30/2024		27
80698	Daily CSO Inspection Front Street	1/31/2024		27
80718	Daily CSO Inspection Front Street	2/1/2024		27
80748	Daily CSO Inspection Front Street	2/2/2024		27
80770	Daily CSO Inspection Front Street	2/3/2024		27
80790	Daily CSO Inspection Front Street	2/4/2024		27
80795	Daily CSO Inspection Front Street	2/5/2024		27
80808	Daily CSO Inspection Front Street	2/6/2024		27
80830	Daily CSO Inspection Front Street	2/7/2024		27
80868	Daily CSO Inspection Front Street	2/8/2024		27
80904	Daily CSO Inspection Front Street	2/9/2024		27
80924	Daily CSO Inspection Front Street	2/10/2024		27

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
80932	Daily CSO Inspection Front Street	2/11/2024		27
80934	Daily CSO Inspection Front Street	2/12/2024		27
80970	Daily CSO Inspection Front Street	2/13/2024		27
80987	Daily CSO Inspection Front Street	2/14/2024		27
81009	Daily CSO Inspection Front Street	2/15/2024		27
81036	Daily CSO Inspection Front Street	2/16/2024		27
81060	Daily CSO Inspection Front Street	2/17/2024		27
81091	Daily CSO Inspection Front Street	2/18/2024		27
81096	Daily CSO Inspection Front Street	2/19/2024		27
81098	Daily CSO Inspection Front Street	2/20/2024		27
81112	Daily CSO Inspection Front Street	2/21/2024		27
81177	Daily CSO Inspection Front Street	2/22/2024		27
81215	Daily CSO Inspection Front Street	2/23/2024		27
81242	Daily CSO Inspection Front Street	2/24/2024		27
81261	Daily CSO Inspection Front Street	2/25/2024		27
81275	Daily CSO Inspection Front Street	2/26/2024		27
81286	Daily CSO Inspection Front Street	2/27/2024		27
81342	Daily CSO Inspection Front Street	2/28/2024		27
81367	Daily CSO Inspection Front Street	2/29/2024		27
81417	Daily CSO Inspection Front Street	3/1/2024		27
81446	Daily CSO Inspection Front Street	3/2/2024		27
81463	Daily CSO Inspection Front Street	3/3/2024		27
81467	Daily CSO Inspection Front Street	3/4/2024		27
81479	Daily CSO Inspection Front Street	3/5/2024		27
81499	Daily CSO Inspection Front Street	3/6/2024		27
81547	Daily CSO Inspection Front Street	3/7/2024		27
81578	Daily CSO Inspection Front Street	3/8/2024		27
81617	Daily CSO Inspection Front Street	3/9/2024		27
81628	Daily CSO Inspection Front Street	3/10/2024		27

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
81630	Daily CSO Inspection Front Street	3/11/2024		27
81648	Daily CSO Inspection Front Street	3/12/2024		27
81673	Daily CSO Inspection Front Street	3/13/2024		27
81704	Daily CSO Inspection Front Street	3/14/2024		27
81815	Daily CSO Inspection Front Street	3/15/2024		27
81832	Daily CSO Inspection Front Street	3/16/2024		27
81850	Daily CSO Inspection Front Street	3/17/2024		27
81852	Daily CSO Inspection Front Street	3/18/2024		27
81863	Daily CSO Inspection Front Street	3/19/2024		27
81884	Daily CSO Inspection Front Street	3/20/2024		27
81911	Daily CSO Inspection Front Street	3/21/2024		27
81928	Daily CSO Inspection Front Street	3/22/2024		27
81941	Daily CSO Inspection Front Street	3/23/2024		27
81951	Daily CSO Inspection Front Street	3/24/2024		27
81953	Daily CSO Inspection Front Street	3/25/2024		27
81975	Daily CSO Inspection Front Street	3/26/2024		27
81988	Daily CSO Inspection Front Street	3/27/2024		27
82016	Daily CSO Inspection Front Street	3/28/2024		27
82027	Daily CSO Inspection Front Street	3/29/2024		27
82047	Daily CSO Inspection Front Street	3/30/2024		27
82049	Daily CSO Inspection Front Street	3/31/2024		27
82052	Daily CSO Inspection Front Street	4/1/2024		27
82057	Daily CSO Inspection Front Street	4/2/2024		27
82071	Daily CSO Inspection Front Street	4/3/2024		27
82087	Daily CSO Inspection Front Street	4/4/2024		27
82113	Daily CSO Inspection Front Street	4/5/2024		27
82127	Daily CSO Inspection Front Street	4/6/2024		27
82145	Daily CSO Inspection Front Street	4/7/2024		27
82151	Daily CSO Inspection Front Street	4/8/2024		27

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
82191	Daily CSO Inspection Front Street	4/9/2024		27
82210	Daily CSO Inspection Front Street	4/10/2024		27
82236	Daily CSO Inspection Front Street	4/11/2024		27
82250	Daily CSO Inspection Front Street	4/12/2024		27
82266	Daily CSO Inspection Front Street	4/13/2024		27
82277	Daily CSO Inspection Front Street	4/14/2024		27
82287	Daily CSO Inspection Front Street	4/15/2024		27
82300	Daily CSO Inspection Front Street	4/16/2024		27
82316	Daily CSO Inspection Front Street	4/17/2024		27
82333	Daily CSO Inspection Front Street	4/18/2024		27
82396	Daily CSO Inspection Front Street	4/19/2024		27
82435	Daily CSO Inspection Front Street	4/20/2024		27
82466	Daily CSO Inspection Front Street	4/21/2024		27
82469	Daily CSO Inspection Front Street	4/22/2024		27
82479	Daily CSO Inspection Front Street	4/23/2024		27
82490	Daily CSO Inspection Front Street	4/24/2024		27
82542	Daily CSO Inspection Front Street	4/25/2024		27
82564	Daily CSO Inspection Front Street	4/26/2024		27
82583	Daily CSO Inspection Front Street	4/27/2024		27
82597	Daily CSO Inspection Front Street	4/28/2024		27
82599	Daily CSO Inspection Front Street	4/29/2024		27
82620	Daily CSO Inspection Front Street	4/30/2024		27
82635	Daily CSO Inspection Front Street	5/1/2024		27
82648	Daily CSO Inspection Front Street	5/2/2024		27
82686	Daily CSO Inspection Front Street	5/3/2024		27
82694	Daily CSO Inspection Front Street	5/4/2024		27
82708	Daily CSO Inspection Front Street	5/5/2024		27
82714	Daily CSO Inspection Front Street	5/6/2024		27
82723	Daily CSO Inspection Front Street	5/7/2024		27

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
82736	Daily CSO Inspection Front Street	5/8/2024		27
82758	Daily CSO Inspection Front Street	5/9/2024		27
82794	Daily CSO Inspection Front Street	5/10/2024		27
82831	Daily CSO Inspection Front Street	5/11/2024		27
82913	Daily CSO Inspection Front Street	5/12/2024		27
82916	Daily CSO Inspection Front Street	5/13/2024		27
82936	Daily CSO Inspection Front Street	5/14/2024		27
82965	Daily CSO Inspection Front Street	5/15/2024		27
82988	Daily CSO Inspection Front Street	5/16/2024		27
83014	Daily CSO Inspection Front Street	5/17/2024		27
83040	Daily CSO Inspection Front Street	5/18/2024		27
83057	Daily CSO Inspection Front Street	5/19/2024		27
83059	Daily CSO Inspection Front Street	5/20/2024		27
83064	Daily CSO Inspection Front Street	5/21/2024		27
83085	Daily CSO Inspection Front Street	5/22/2024		27
83095	Daily CSO Inspection Front Street	5/23/2024		27
83125	Daily CSO Inspection Front Street	5/24/2024		27
83136	Daily CSO Inspection Front Street	5/25/2024		27
83151	Daily CSO Inspection Front Street	5/26/2024		27
83154	Daily CSO Inspection Front Street	5/27/2024		27
83158	Daily CSO Inspection Front Street	5/28/2024		27
83173	Daily CSO Inspection Front Street	5/29/2024		27
83187	Daily CSO Inspection Front Street	5/30/2024		27
83216	Daily CSO Inspection Front Street	5/31/2024		27
83272	Daily CSO Inspection Front Street	6/1/2024		27
83301	Daily CSO Inspection Front Street	6/2/2024		27
83304	Daily CSO Inspection Front Street	6/3/2024		27
83308	Daily CSO Inspection Front Street	6/4/2024		27
83328	Daily CSO Inspection Front Street	6/5/2024		27

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
83386	Daily CSO Inspection Front Street	6/6/2024		27
83412	Daily CSO Inspection Front Street	6/7/2024		27
83441	Daily CSO Inspection Front Street	6/8/2024		27
83453	Daily CSO Inspection Front Street	6/9/2024		27
83462	Daily CSO Inspection Front Street	6/10/2024		27
83476	Daily CSO Inspection Front Street	6/11/2024		27
83559	Daily CSO Inspection Front Street	6/12/2024		27
83641	Daily CSO Inspection Front Street	6/13/2024		27
83708	Daily CSO Inspection Front Street	6/14/2024		27
83730	Daily CSO Inspection Front Street	6/15/2024		27
83809	Daily CSO Inspection Front Street	6/16/2024		27
83813	Daily CSO Inspection Front Street	6/17/2024		27
83858	Daily CSO Inspection Front Street	6/18/2024		27
83883	Daily CSO Inspection Front Street	6/19/2024		27
83912	Daily CSO Inspection Front Street	6/20/2024		27
83929	Daily CSO Inspection Front Street	6/21/2024		27
83957	Daily CSO Inspection Front Street	6/22/2024		27
83967	Daily CSO Inspection Front Street	6/23/2024		27
83970	Daily CSO Inspection Front Street	6/24/2024		27
83985	Daily CSO Inspection Front Street	6/25/2024		27
84006	Daily CSO Inspection Front Street	6/26/2024		27
84030	Daily CSO Inspection Front Street	6/27/2024		27
84086	Daily CSO Inspection Front Street	6/28/2024		27
84128	Daily CSO Inspection Front Street	6/29/2024		27
84153	Daily CSO Inspection Front Street	6/30/2024		27
80188	Daily CSO Inspection Paxton Creek	1/1/2024		31
80194	Daily CSO Inspection Paxton Creek	1/2/2024		31
80198	Daily CSO Inspection Paxton Creek	1/3/2024		31

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
80230	Daily CSO Inspection Paxton Creek	1/4/2024		31
80265	Daily CSO Inspection Paxton Creek	1/5/2024		31
80288	Daily CSO Inspection Paxton Creek	1/6/2024		31
80299	Daily CSO Inspection Paxton Creek	1/7/2024		31
80303	Daily CSO Inspection Paxton Creek	1/8/2024		31
80317	Daily CSO Inspection Paxton Creek	1/9/2024		31
80351	Daily CSO Inspection Paxton Creek	1/10/2024		31
80368	Daily CSO Inspection Paxton Creek	1/11/2024		31
80398	Daily CSO Inspection Paxton Creek	1/12/2024		31
80431	Daily CSO Inspection Paxton Creek	1/13/2024		31
80452	Daily CSO Inspection Paxton Creek	1/14/2024		31
80455	Daily CSO Inspection Paxton Creek	1/15/2024		31
80460	Daily CSO Inspection Paxton Creek	1/16/2024		31
80482	Daily CSO Inspection Paxton Creek	1/17/2024		31
80514	Daily CSO Inspection Paxton Creek	1/18/2024		31
80543	Daily CSO Inspection Paxton Creek	1/19/2024		31
80556	Daily CSO Inspection Paxton Creek	1/20/2024		31
80569	Daily CSO Inspection Paxton Creek	1/21/2024		31
80572	Daily CSO Inspection Paxton Creek	1/22/2024		31
80585	Daily CSO Inspection Paxton Creek	1/23/2024		31
80598	Daily CSO Inspection Paxton Creek	1/24/2024		31
80616	Daily CSO Inspection Paxton Creek	1/25/2024		31
80632	Daily CSO Inspection Paxton Creek	1/26/2024		31
80645	Daily CSO Inspection Paxton Creek	1/27/2024		31
80653	Daily CSO Inspection Paxton Creek	1/28/2024		31
80659	Daily CSO Inspection Paxton Creek	1/29/2024		31
80670	Daily CSO Inspection Paxton Creek	1/30/2024		31
80697	Daily CSO Inspection Paxton Creek	1/31/2024		31
80714	Daily CSO Inspection Paxton Creek	2/1/2024		31

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
80751	Daily CSO Inspection Paxton Creek	2/2/2024		31
80772	Daily CSO Inspection Paxton Creek	2/3/2024		31
80789	Daily CSO Inspection Paxton Creek	2/4/2024		31
80794	Daily CSO Inspection Paxton Creek	2/5/2024		31
80813	Daily CSO Inspection Paxton Creek	2/6/2024		31
80832	Daily CSO Inspection Paxton Creek	2/7/2024		31
80879	Daily CSO Inspection Paxton Creek	2/8/2024		31
80909	Daily CSO Inspection Paxton Creek	2/9/2024		31
80925	Daily CSO Inspection Paxton Creek	2/10/2024		31
80933	Daily CSO Inspection Paxton Creek	2/11/2024		31
80935	Daily CSO Inspection Paxton Creek	2/12/2024		31
80972	Daily CSO Inspection Paxton Creek	2/13/2024		31
80991	Daily CSO Inspection Paxton Creek	2/14/2024		31
81011	Daily CSO Inspection Paxton Creek	2/15/2024		31
81038	Daily CSO Inspection Paxton Creek	2/16/2024		31
81065	Daily CSO Inspection Paxton Creek	2/17/2024		31
81090	Daily CSO Inspection Paxton Creek	2/18/2024		31
81095	Daily CSO Inspection Paxton Creek	2/19/2024		31
81097	Daily CSO Inspection Paxton Creek	2/20/2024		31
81111	Daily CSO Inspection Paxton Creek	2/21/2024		31
81174	Daily CSO Inspection Paxton Creek	2/22/2024		31
81214	Daily CSO Inspection Paxton Creek	2/23/2024		31
81241	Daily CSO Inspection Paxton Creek	2/24/2024		31
81263	Daily CSO Inspection Paxton Creek	2/25/2024		31
81274	Daily CSO Inspection Paxton Creek	2/26/2024		31
81285	Daily CSO Inspection Paxton Creek	2/27/2024		31
81343	Daily CSO Inspection Paxton Creek	2/28/2024		31
81370	Daily CSO Inspection Paxton Creek	2/29/2024		31
81422	Daily CSO Inspection Paxton Creek	3/1/2024		31

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
81447	Daily CSO Inspection Paxton Creek	3/2/2024		31
81462	Daily CSO Inspection Paxton Creek	3/3/2024		31
81466	Daily CSO Inspection Paxton Creek	3/4/2024		31
81477	Daily CSO Inspection Paxton Creek	3/5/2024		31
81518	Daily CSO Inspection Paxton Creek	3/6/2024		31
81540	Daily CSO Inspection Paxton Creek	3/7/2024		31
81581	Daily CSO Inspection Paxton Creek	3/8/2024		31
81615	Daily CSO Inspection Paxton Creek	3/9/2024		31
81627	Daily CSO Inspection Paxton Creek	3/10/2024		31
81629	Daily CSO Inspection Paxton Creek	3/11/2024		31
81649	Daily CSO Inspection Paxton Creek	3/12/2024		31
81679	Daily CSO Inspection Paxton Creek	3/13/2024		31
81695	Daily CSO Inspection Paxton Creek	3/14/2024		31
81814	Daily CSO Inspection Paxton Creek	3/15/2024		31
81840	Daily CSO Inspection Paxton Creek	3/16/2024		31
81849	Daily CSO Inspection Paxton Creek	3/17/2024		31
81851	Daily CSO Inspection Paxton Creek	3/18/2024		31
81861	Daily CSO Inspection Paxton Creek	3/19/2024		31
81886	Daily CSO Inspection Paxton Creek	3/20/2024		31
81910	Daily CSO Inspection Paxton Creek	3/21/2024		31
81927	Daily CSO Inspection Paxton Creek	3/22/2024		31
81940	Daily CSO Inspection Paxton Creek	3/23/2024		31
81950	Daily CSO Inspection Paxton Creek	3/24/2024		31
81952	Daily CSO Inspection Paxton Creek	3/25/2024		31
81973	Daily CSO Inspection Paxton Creek	3/26/2024		31
81990	Daily CSO Inspection Paxton Creek	3/27/2024		31
82005	Daily CSO Inspection Paxton Creek	3/28/2024		31
82026	Daily CSO Inspection Paxton Creek	3/29/2024		31
82046	Daily CSO Inspection Paxton Creek	3/30/2024		31

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
82048	Daily CSO Inspection Paxton Creek	3/31/2024		31
82051	Daily CSO Inspection Paxton Creek	4/1/2024		31
82059	Daily CSO Inspection Paxton Creek	4/2/2024		31
82070	Daily CSO Inspection Paxton Creek	4/3/2024		31
82081	Daily CSO Inspection Paxton Creek	4/4/2024		31
82110	Daily CSO Inspection Paxton Creek	4/5/2024		31
82130	Daily CSO Inspection Paxton Creek	4/6/2024		31
82144	Daily CSO Inspection Paxton Creek	4/7/2024		31
82150	Daily CSO Inspection Paxton Creek	4/8/2024		31
82193	Daily CSO Inspection Paxton Creek	4/9/2024		31
82209	Daily CSO Inspection Paxton Creek	4/10/2024		31
82233	Daily CSO Inspection Paxton Creek	4/11/2024		31
82249	Daily CSO Inspection Paxton Creek	4/12/2024		31
82270	Daily CSO Inspection Paxton Creek	4/13/2024		31
82276	Daily CSO Inspection Paxton Creek	4/14/2024		31
82286	Daily CSO Inspection Paxton Creek	4/15/2024		31
82301	Daily CSO Inspection Paxton Creek	4/16/2024		31
82315	Daily CSO Inspection Paxton Creek	4/17/2024		31
82332	Daily CSO Inspection Paxton Creek	4/18/2024		31
82395	Daily CSO Inspection Paxton Creek	4/19/2024		31
82439	Daily CSO Inspection Paxton Creek	4/20/2024		31
82465	Daily CSO Inspection Paxton Creek	4/21/2024		31
82470	Daily CSO Inspection Paxton Creek	4/22/2024		31
82481	Daily CSO Inspection Paxton Creek	4/23/2024		31
82492	Daily CSO Inspection Paxton Creek	4/24/2024		31
82543	Daily CSO Inspection Paxton Creek	4/25/2024		31
82565	Daily CSO Inspection Paxton Creek	4/26/2024		31
82582	Daily CSO Inspection Paxton Creek	4/27/2024		31
82596	Daily CSO Inspection Paxton Creek	4/28/2024		31

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
82598	Daily CSO Inspection Paxton Creek	4/29/2024		31
82616	Daily CSO Inspection Paxton Creek	4/30/2024		31
82634	Daily CSO Inspection Paxton Creek	5/1/2024		31
82649	Daily CSO Inspection Paxton Creek	5/2/2024		31
82685	Daily CSO Inspection Paxton Creek	5/3/2024		31
82696	Daily CSO Inspection Paxton Creek	5/4/2024		31
82709	Daily CSO Inspection Paxton Creek	5/5/2024		31
82713	Daily CSO Inspection Paxton Creek	5/6/2024		31
82725	Daily CSO Inspection Paxton Creek	5/7/2024		31
82740	Daily CSO Inspection Paxton Creek	5/8/2024		31
82760	Daily CSO Inspection Paxton Creek	5/9/2024		31
82792	Daily CSO Inspection Paxton Creek	5/10/2024		31
82833	Daily CSO Inspection Paxton Creek	5/11/2024		31
82912	Daily CSO Inspection Paxton Creek	5/12/2024		31
82915	Daily CSO Inspection Paxton Creek	5/13/2024		31
82930	Daily CSO Inspection Paxton Creek	5/14/2024		31
82963	Daily CSO Inspection Paxton Creek	5/15/2024		31
82992	Daily CSO Inspection Paxton Creek	5/16/2024		31
83010	Daily CSO Inspection Paxton Creek	5/17/2024		31
83047	Daily CSO Inspection Paxton Creek	5/18/2024		31
83056	Daily CSO Inspection Paxton Creek	5/19/2024		31
83058	Daily CSO Inspection Paxton Creek	5/20/2024		31
83067	Daily CSO Inspection Paxton Creek	5/21/2024		31
83080	Daily CSO Inspection Paxton Creek	5/22/2024		31
83102	Daily CSO Inspection Paxton Creek	5/23/2024		31
83122	Daily CSO Inspection Paxton Creek	5/24/2024		31
83135	Daily CSO Inspection Paxton Creek	5/25/2024		31
83150	Daily CSO Inspection Paxton Creek	5/26/2024		31
83153	Daily CSO Inspection Paxton Creek	5/27/2024		31

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
83157	Daily CSO Inspection Paxton Creek	5/28/2024		31
83172	Daily CSO Inspection Paxton Creek	5/29/2024		31
83188	Daily CSO Inspection Paxton Creek	5/30/2024		31
83217	Daily CSO Inspection Paxton Creek	5/31/2024		31
83270	Daily CSO Inspection Paxton Creek	6/1/2024		31
83300	Daily CSO Inspection Paxton Creek	6/2/2024		31
83303	Daily CSO Inspection Paxton Creek	6/3/2024		31
83309	Daily CSO Inspection Paxton Creek	6/4/2024		31
83331	Daily CSO Inspection Paxton Creek	6/5/2024		31
83385	Daily CSO Inspection Paxton Creek	6/6/2024		31
83409	Daily CSO Inspection Paxton Creek	6/7/2024		31
83440	Daily CSO Inspection Paxton Creek	6/8/2024		31
83452	Daily CSO Inspection Paxton Creek	6/9/2024		31
83461	Daily CSO Inspection Paxton Creek	6/10/2024		31
83475	Daily CSO Inspection Paxton Creek	6/11/2024		31
83569	Daily CSO Inspection Paxton Creek	6/12/2024		31
83642	Daily CSO Inspection Paxton Creek	6/13/2024		31
83707	Daily CSO Inspection Paxton Creek	6/14/2024		31
83729	Daily CSO Inspection Paxton Creek	6/15/2024		31
83810	Daily CSO Inspection Paxton Creek	6/16/2024		31
83814	Daily CSO Inspection Paxton Creek	6/17/2024		31
83856	Daily CSO Inspection Paxton Creek	6/18/2024		31
83882	Daily CSO Inspection Paxton Creek	6/19/2024		31
83911	Daily CSO Inspection Paxton Creek	6/20/2024		31
83935	Daily CSO Inspection Paxton Creek	6/21/2024		31
83962	Daily CSO Inspection Paxton Creek	6/22/2024		31
83966	Daily CSO Inspection Paxton Creek	6/23/2024		31
83971	Daily CSO Inspection Paxton Creek	6/24/2024		31
83983	Daily CSO Inspection Paxton Creek	6/25/2024		31

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
84003	Daily CSO Inspection Paxton Creek	6/26/2024		31
84033	Daily CSO Inspection Paxton Creek	6/27/2024		31
84082	Daily CSO Inspection Paxton Creek	6/28/2024		31
84138	Daily CSO Inspection Paxton Creek	6/29/2024		31
84154	Daily CSO Inspection Paxton Creek	6/30/2024		31
81288	Daily FOG Inspection Rounds	2/27/2024		4
80250	Flush Sewer Pipe	1/2/2024	638 South 25th street	1
80251	Flush Sewer Pipe	1/2/2024	638 South 25th street	1
80283	Flush Sewer Pipe	1/5/2024	Wayne st	1
80338	Flush Sewer Pipe	1/8/2024	104 N 2nd St, Harrisburg, Pennsylvania, 17101	1
80520	Flush Sewer Pipe	1/17/2024		1
80586	Flush Sewer Pipe	1/22/2024		1
80599	Flush Sewer Pipe	1/23/2024		1
80600	Flush Sewer Pipe	1/23/2024		1
80627	Flush Sewer Pipe	1/24/2024	2400 Berryhill St, Harrisburg, Pennsylvania, 17104	1
80625	Flush Sewer Pipe	1/24/2024	2132 Kensington St.	1
80700	Flush Sewer Pipe	1/30/2024	poplar & boas	1
80707	Flush Sewer Pipe	1/30/2024	20th & boas	1
80709	Flush Sewer Pipe	1/30/2024	20th & herr	1
80710	Flush Sewer Pipe	1/30/2024	arsenal blvd	1
80711	Flush Sewer Pipe	1/30/2024	arsenal blvd	1
80712	Flush Sewer Pipe	1/30/2024		1
80706	Flush Sewer Pipe	1/31/2024	20th & boas	1
80708	Flush Sewer Pipe	1/31/2024	20th & kunkle	1
80881	Flush Sewer Pipe	2/7/2024	waldo (hot spot)	1
80983	Flush Sewer Pipe	2/10/2024	640 S 25th St, Harrisburg, Pennsylvania, 17104	1
80907	Flush Sewer Pipe	2/14/2024	Wister	1
81070	Flush Sewer Pipe	2/15/2024	Court & Mary St.	1
81073	Flush Sewer Pipe	2/15/2024	Mary & Court St.	1
81075	Flush Sewer Pipe	2/15/2024	Mary & Vine St.	1
81223	Flush Sewer Pipe	2/20/2024	1701 Park St, Harrisburg, Pennsylvania, 17103	1
81219	Flush Sewer Pipe	2/22/2024	N 17th St & Verbeke St, Harrisburg, Pennsylvania, 17103	1
81220	Flush Sewer Pipe	2/22/2024	Verbeke	1
81221	Flush Sewer Pipe	2/22/2024	17th	1
81224	Flush Sewer Pipe	2/22/2024	17th	1
81227	Flush Sewer Pipe	2/22/2024	N 17th St & Cumberland St, Harrisburg, Pennsylvania, 17103	1
81228	Flush Sewer Pipe	2/22/2024	Cumberland	1
81248	Flush Sewer Pipe	2/23/2024	17th & parkway street	1
81251	Flush Sewer Pipe	2/23/2024	17 & Arsenal street	1
81254	Flush Sewer Pipe	2/23/2024	Arsenal street & 17th	1
81255	Flush Sewer Pipe	2/23/2024	15th & Calder street	1
81256	Flush Sewer Pipe	2/23/2024	N 16th St & Cumberland St, Harrisburg, Pennsylvania, 17103	1
81264	Flush Sewer Pipe	2/24/2024	Bigelow Rd.	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
81265	Flush Sewer Pipe	2/24/2024	Verbeke & Ashland st	1
81266	Flush Sewer Pipe	2/24/2024	14th & Verbeke st	1
81267	Flush Sewer Pipe	2/24/2024	Verbeke st	1
81268	Flush Sewer Pipe	2/24/2024	Verbeke & Bigelow dr	1
81002	Flush Sewer Pipe	2/26/2024	Reese Alley	1
81026	Flush Sewer Pipe	2/26/2024	Bellvue Rd	1
81335	Flush Sewer Pipe	2/27/2024	3003 N Front St, Harrisburg, Pennsylvania, 17110	1
81023	Flush Sewer Pipe	2/27/2024	Green St	1
81334	Flush Sewer Pipe	2/28/2024	3003 N Front St, Harrisburg, Pennsylvania, 17110	1
81520	Flush Sewer Pipe	3/4/2024	14th & cumberland	1
81521	Flush Sewer Pipe	3/4/2024	cumberland & 14th	1
81523	Flush Sewer Pipe	3/4/2024	15 & sassafras	1
81525	Flush Sewer Pipe	3/4/2024	sassafras & 15th	1
81528	Flush Sewer Pipe	3/4/2024	flor & sassafras	1
81522	Flush Sewer Pipe	3/6/2024	flor & cumberland	1
81526	Flush Sewer Pipe	3/6/2024	14th & sassafras	1
81692	Flush Sewer Pipe	3/12/2024	flor ally & sassafras	1
81699	Flush Sewer Pipe	3/12/2024	sassafras ally	1
81700	Flush Sewer Pipe	3/12/2024	ally & sassafras	1
81703	Flush Sewer Pipe	3/12/2024	13th & verbeke	1
81701	Flush Sewer Pipe	3/13/2024	cumberland street	1
81796	Flush Sewer Pipe	3/13/2024		1
81818	Flush Sewer Pipe	3/14/2024	N Third St & Wiconisco St	1
81820	Flush Sewer Pipe	3/14/2024	N Third St & Wiconisco St	1
82153	Flush Sewer Pipe	4/6/2024	Community Dr.	1
82155	Flush Sewer Pipe	4/6/2024	Community Circle	1
82169	Flush Sewer Pipe	4/6/2024	Calder & Monroe st	1
82154	Flush Sewer Pipe	4/6/2024	community dr & Calder st	1
82156	Flush Sewer Pipe	4/6/2024	12th & Verbeke st	1
82159	Flush Sewer Pipe	4/6/2024	12th & Cumberland st	1
82157	Flush Sewer Pipe	4/6/2024	12th st	1
82158	Flush Sewer Pipe	4/6/2024	12th & Cumberland st	1
82165	Flush Sewer Pipe	4/6/2024	Monro & Verbeke	1
82170	Flush Sewer Pipe	4/6/2024	Monroe St.	1
82174	Flush Sewer Pipe	4/6/2024	Monroe & Cumberland	1
82186	Flush Sewer Pipe	4/7/2024	Cumberland & Cameron	1
82187	Flush Sewer Pipe	4/7/2024	Cumberland St.	1
82189	Flush Sewer Pipe	4/7/2024	Cumberland St.	1
82185	Flush Sewer Pipe	4/7/2024	Florence & Cumberland St	1
82179	Flush Sewer Pipe	4/7/2024	Monroe & Cumberland st	1
82181	Flush Sewer Pipe	4/7/2024	Cumberland St.	1
82244	Flush Sewer Pipe	4/8/2024	2969 Heather Pl, Harrisburg, Pennsylvania, 17104	1
82168	Flush Sewer Pipe	4/8/2024	Verbeke & Monroe	1
82485	Flush Sewer Pipe	4/24/2024	23rd St	1
82486	Flush Sewer Pipe	4/24/2024	23rd St	1
82603	Flush Sewer Pipe	4/27/2024	Carey & Crest st	1
82606	Flush Sewer Pipe	4/27/2024	Market & Carey st	1
82605	Flush Sewer Pipe	4/27/2024	Market & Carey st	1
82604	Flush Sewer Pipe	4/27/2024	Carey & Market st	1
82610	Flush Sewer Pipe	4/27/2024	25th st	1
82607	Flush Sewer Pipe	4/27/2024	Market st	1
82611	Flush Sewer Pipe	4/27/2024	25th st	1
82609	Flush Sewer Pipe	4/27/2024	25th st	1
82613	Flush Sewer Pipe	4/29/2024	385 Hale Ave, Harrisburg, Pennsylvania, 17104	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
82715	Flush Sewer Pipe	5/4/2024	25th & Market	1
82720	Flush Sewer Pipe	5/4/2024	Parkway Blvd. & 25th	1
82719	Flush Sewer Pipe	5/4/2024	market & 25th	1
82722	Flush Sewer Pipe	5/4/2024	Hoffer & Market St	1
82716	Flush Sewer Pipe	5/4/2024	25th & Market st	1
82721	Flush Sewer Pipe	5/4/2024	Parkway blvd & 28th	1
82717	Flush Sewer Pipe	5/4/2024	Market & 25th	1
82718	Flush Sewer Pipe	5/4/2024	market & 25th	1
82828	Flush Sewer Pipe	5/9/2024	Meadowlark Place	1
82807	Flush Sewer Pipe	5/9/2024	Rumson Drive	1
82808	Flush Sewer Pipe	5/9/2024	Rumson Drive	1
82809	Flush Sewer Pipe	5/9/2024	Rumson Drive	1
82811	Flush Sewer Pipe	5/9/2024	Croyden Street	1
82810	Flush Sewer Pipe	5/9/2024	Croyden Street	1
82815	Flush Sewer Pipe	5/9/2024	Wilson Parkway	1
82813	Flush Sewer Pipe	5/9/2024	Croyden Street	1
82814	Flush Sewer Pipe	5/9/2024	Wilson Parkway	1
82816	Flush Sewer Pipe	5/9/2024	Wilson Parkway	1
82817	Flush Sewer Pipe	5/9/2024	Wilson Parkway	1
82818	Flush Sewer Pipe	5/9/2024	Wilson Parkway	1
82822	Flush Sewer Pipe	5/9/2024	Rumson Drive	1
82823	Flush Sewer Pipe	5/9/2024	Rumson Drive	1
82824	Flush Sewer Pipe	5/9/2024	Rumson Drive	1
82825	Flush Sewer Pipe	5/9/2024	Meadowlark Place	1
82826	Flush Sewer Pipe	5/9/2024	Meadowlark Place	1
82829	Flush Sewer Pipe	5/9/2024	Meadowlark Place	1
82830	Flush Sewer Pipe	5/9/2024	Meadowlark Place	1
82820	Flush Sewer Pipe	5/10/2024	Rumson Drive	1
82955	Flush Sewer Pipe	5/13/2024	25th & Wilson Pkwy Parking lot	1
82958	Flush Sewer Pipe	5/13/2024	Yew Place	1
82962	Flush Sewer Pipe	5/13/2024	29th st	1
82954	Flush Sewer Pipe	5/13/2024	25th & Wilson pkwy Parking lot	1
82964	Flush Sewer Pipe	5/13/2024	29th st	1
82959	Flush Sewer Pipe	5/13/2024	Yew Place	1
82956	Flush Sewer Pipe	5/13/2024	Yew Place	1
82960	Flush Sewer Pipe	5/13/2024	Yew Place Parking lot	1
82961	Flush Sewer Pipe	5/13/2024	Yew Place Parking Lot	1
82951	Flush Sewer Pipe	5/13/2024	2821 North Second St.	1
83001	Flush Sewer Pipe	5/14/2024	29th st	1
83002	Flush Sewer Pipe	5/14/2024	Heather place	1
83003	Flush Sewer Pipe	5/14/2024	heather place	1
83004	Flush Sewer Pipe	5/14/2024	heather pl	1
82993	Flush Sewer Pipe	5/14/2024	29th st	1
83000	Flush Sewer Pipe	5/15/2024	29th st	1
83030	Flush Sewer Pipe	5/16/2024	wilson parkway	1
83029	Flush Sewer Pipe	5/16/2024	wilson parkway	1
83032	Flush Sewer Pipe	5/16/2024	wilson parkway	1
83034	Flush Sewer Pipe	5/16/2024	wilson parkway	1
83035	Flush Sewer Pipe	5/16/2024	heather place	1
83027	Flush Sewer Pipe	5/17/2024	wilson pkwy	1
83028	Flush Sewer Pipe	5/17/2024	wilson parkway	1
83031	Flush Sewer Pipe	5/17/2024	wilson parkway	1
83069	Flush Sewer Pipe	5/20/2024	Mccleaster St	1
83229	Flush Sewer Pipe	5/25/2024	Myers Alley	1
83231	Flush Sewer Pipe	5/25/2024	Myers Alley	1
83232	Flush Sewer Pipe	5/25/2024	Fulton Street	1
83233	Flush Sewer Pipe	5/25/2024	Fulton Street	1
83239	Flush Sewer Pipe	5/25/2024	Fulton Street	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
83241	Flush Sewer Pipe	5/25/2024	Fulton Street	1
83245	Flush Sewer Pipe	5/25/2024	Geiger R/W	1
83247	Flush Sewer Pipe	5/25/2024		1
83250	Flush Sewer Pipe	5/25/2024	Geiger R/W	1
83255	Flush Sewer Pipe	5/25/2024	Geiger R/W	1
83256	Flush Sewer Pipe	5/25/2024	Geiger R/W	1
83257	Flush Sewer Pipe	5/25/2024	Geiger R/W	1
83267	Flush Sewer Pipe	5/25/2024	4Th street	1
83274	Flush Sewer Pipe	5/25/2024	4Th Street	1
83271	Flush Sewer Pipe	5/25/2024	4th Street	1
83269	Flush Sewer Pipe	5/25/2024	4th Street	1
83273	Flush Sewer Pipe	5/25/2024	4th Street	1
83277	Flush Sewer Pipe	5/25/2024	Logan Street	1
83284	Flush Sewer Pipe	5/25/2024	Peffer Street	1
83279	Flush Sewer Pipe	5/25/2024	Peffer Street	1
83282	Flush Sewer Pipe	5/25/2024	Peffer Street	1
83286	Flush Sewer Pipe	5/25/2024	Peffer Street	1
83287	Flush Sewer Pipe	5/25/2024	Green St.	1
83288	Flush Sewer Pipe	5/25/2024	Peffer Street	1
83291	Flush Sewer Pipe	5/25/2024	Peffer Street	1
83295	Flush Sewer Pipe	5/25/2024	4th St.	1
83293	Flush Sewer Pipe	5/25/2024	Peffer Street	1
83294	Flush Sewer Pipe	5/25/2024	2nd Street	1
83283	Flush Sewer Pipe	5/27/2024	Front & Forster	1
83281	Flush Sewer Pipe	5/27/2024	Front & Forster	1
82922	Flush Sewer Pipe	5/30/2024	2nd st	1
83292	Flush Sewer Pipe	5/31/2024	Peffer Street	1
83420	Flush Sewer Pipe	6/5/2024	1153 Hudson Street	1
83791	Flush Sewer Pipe	6/7/2024	10th & Mulberry	1
83460	Flush Sewer Pipe	6/9/2024	12th St	1
83457	Flush Sewer Pipe	6/9/2024	12th st	1
83458	Flush Sewer Pipe	6/9/2024	12th St	1
82924	Flush Sewer Pipe	6/13/2024	5th St	1
83888	Flush Sewer Pipe	6/14/2024	Rhodes alley	1
83892	Flush Sewer Pipe	6/14/2024	4th & muench	1
83895	Flush Sewer Pipe	6/14/2024	4th & dauphin	1
83898	Flush Sewer Pipe	6/14/2024	logan & dauphin street	1
83896	Flush Sewer Pipe	6/14/2024	Dauphin street	1
83889	Flush Sewer Pipe	6/14/2024	Fourth street	1
83894	Flush Sewer Pipe	6/14/2024	Fourth street	1
83891	Flush Sewer Pipe	6/14/2024	Fourth street	1
83903	Flush Sewer Pipe	6/17/2024	Muench st	1
83906	Flush Sewer Pipe	6/17/2024	susq st	1
83907	Flush Sewer Pipe	6/17/2024	Muench 2	1
83900	Flush Sewer Pipe	6/18/2024	3rd st	1
83890	Flush Sewer Pipe	6/18/2024	rhodes alley	1
83901	Flush Sewer Pipe	6/18/2024	Green st. muench	1
83902	Flush Sewer Pipe	6/18/2024	Muench green st.	1
83904	Flush Sewer Pipe	6/18/2024	Muench st.	1
83937	Flush Sewer Pipe	6/21/2024	Peffer Street	1
83940	Flush Sewer Pipe	6/21/2024	Peffer Street	1
83946	Flush Sewer Pipe	6/21/2024	Peffer Street	1
83949	Flush Sewer Pipe	6/21/2024	Peffer Street	1
83951	Flush Sewer Pipe	6/21/2024	Peffer Street	1
83953	Flush Sewer Pipe	6/21/2024	Peffer Street	1
83954	Flush Sewer Pipe	6/21/2024	Peffer Street	1
83956	Flush Sewer Pipe	6/21/2024	Peffer Street	1
83959	Flush Sewer Pipe	6/21/2024	Peffer Street	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
83960	Flush Sewer Pipe	6/21/2024	Peffer Street	1
83958	Flush Sewer Pipe	6/23/2024	Peffer Street	1
83969	Flush Sewer Pipe	6/23/2024	Delaware Alley	1
84043	Flush Sewer Pipe	6/23/2024	Rhoads Alley	1
84041	Flush Sewer Pipe	6/23/2024	Rhoads Alley	1
84040	Flush Sewer Pipe	6/23/2024	Hamilton	1
84018	Flush Sewer Pipe	6/23/2024	Kelker and Logan	1
84044	Flush Sewer Pipe	6/23/2024	Hamilton	1
84023	Flush Sewer Pipe	6/23/2024	4th and Hamilton	1
84042	Flush Sewer Pipe	6/23/2024	Rhoads Alley	1
84020	Flush Sewer Pipe	6/23/2024	Kelker and Logan	1
84045	Flush Sewer Pipe	6/23/2024	Fulton	1
84025	Flush Sewer Pipe	6/23/2024	4th St.	1
84049	Flush Sewer Pipe	6/23/2024	Fulton	1
84021	Flush Sewer Pipe	6/23/2024	Kelker and Logan	1
84027	Flush Sewer Pipe	6/23/2024	Fourth	1
84059	Flush Sewer Pipe	6/23/2024	Rhoads Alley	1
84022	Flush Sewer Pipe	6/23/2024	Hamilton and Fourth	1
84169	Flush Sewer Pipe	6/23/2024	Kelker Street	1
84029	Flush Sewer Pipe	6/23/2024	Hamilton	1
84064	Flush Sewer Pipe	6/23/2024	Hamilton	1
84024	Flush Sewer Pipe	6/23/2024	Hamilton Street	1
84170	Flush Sewer Pipe	6/23/2024	Kelker Street	1
84061	Flush Sewer Pipe	6/23/2024	5th Street	1
84172	Flush Sewer Pipe	6/23/2024	Kelker Street	1
84056	Flush Sewer Pipe	6/23/2024	Fulton	1
84070	Flush Sewer Pipe	6/23/2024	4th Street	1
84065	Flush Sewer Pipe	6/23/2024	Hamilton	1
84052	Flush Sewer Pipe	6/23/2024	Fulton	1
84067	Flush Sewer Pipe	6/23/2024	4th Street	1
84053	Flush Sewer Pipe	6/23/2024	Hamilton	1
84167	Flush Sewer Pipe	6/23/2024	4th Street	1
84174	Flush Sewer Pipe	6/23/2024	Wood Street	1
84012	Flush Sewer Pipe	6/25/2024	Delawre Alley	1
84051	Flush Sewer Pipe	6/26/2024	Muench street	1
84054	Flush Sewer Pipe	6/26/2024	Muench street	1
84055	Flush Sewer Pipe	6/26/2024	Muench street	1
84057	Flush Sewer Pipe	6/26/2024	5th street	1
84058	Flush Sewer Pipe	6/26/2024	Muench street	1
84060	Flush Sewer Pipe	6/26/2024	Muench street	1
84066	Flush Sewer Pipe	6/26/2024	Delaware alley	1
84068	Flush Sewer Pipe	6/26/2024	Myers alley	1
84069	Flush Sewer Pipe	6/26/2024	Myers alley	1
84072	Flush Sewer Pipe	6/26/2024	Myers alley	1
84085	Flush Sewer Pipe	6/27/2024	Radnor st	1
84141	Flush Sewer Pipe	6/28/2024	Muench St	1
84143	Flush Sewer Pipe	6/28/2024	Muench St	1
84144	Flush Sewer Pipe	6/28/2024	Muench St	1
84175	Flush Sewer Pipe	6/28/2024	16th St R/W	1
84146	Flush Sewer Pipe	6/28/2024	Muench St	1
80577	Grounds Maintenance	1/22/2024		1
	Grounds Maintenance			
78093	Pumping Station	4/19/2024	Front St. Pump Station	1
	Grounds Maintenance			
77055	Pumping Station	4/24/2024	Spring Creek Pump Station	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
82450	Grounds Maintenance Pumping Station	5/17/2024	Front St. Pump Station	1
82550	Grounds Maintenance Pumping Station	5/24/2024	Spring Creek Pump Station	1
83052	Grounds Maintenance Pumping Station	5/24/2024	Front St. Pump Station	1
83147	Grounds Maintenance Pumping Station	6/10/2024	Spring Creek Pump Station	1
83148	Grounds Maintenance Pumping Station	6/10/2024	Front St. Pump Station	1
82561	Inspect Sewer Lateral	5/31/2024	1438 Herr St, Harrisburg, Pennsylvania, 17103	1
70961	Inspect Sewer Manhole Cover	1/12/2024	19th St. East	30
70962	Inspect Sewer Manhole Cover	3/15/2024	CAMERON ST & CAMERON PARK DR	24
81837	Inspect Sewer Manhole Cover	3/15/2024	CAMERON ST & CAMERON PARK DR	24
80447	Inspect Sewer Manhole Cover	4/25/2024	19th St. East	30
81839	Inspect Sewer Manhole Cover	5/8/2024	CAMERON ST & CAMERON PARK DR	24
82772	Inspect Sewer Manhole Cover	5/13/2024	19th St. East	30
82774	Inspect Sewer Manhole Cover	5/13/2024	CAMERON ST & CAMERON PARK DR	24
80480	Plate Sinkhole or Pending Work	1/17/2024	Verbeke St & Williams St, Harrisburg, Pennsylvania, 17102	1
81169	Plate Sinkhole or Pending Work	2/22/2024	Pine st	2
82344	Plate Sinkhole or Pending Work	4/22/2024	5th St	2
81433	Raise/Lower Sewer Manhole	3/7/2024	2265 Berryhill St, Harrisburg, Dauphin County, Pennsylvania, 17104, USA	1
82166	Raise/Lower Sewer Manhole	4/8/2024	Walnut St R/W	1
82167	Raise/Lower Sewer Manhole	4/8/2024	7th St R/W	1
82172	Raise/Lower Sewer Manhole	4/8/2024	3rd St	2
82197	Raise/Lower Sewer Manhole	4/8/2024	Paxton st	2
82198	Raise/Lower Sewer Manhole	4/8/2024	2nd st	1
82200	Raise/Lower Sewer Manhole	4/8/2024	21st St	2
82229	Raise/Lower Sewer Manhole	4/30/2024	15th St	1
82227	Raise/Lower Sewer Manhole	4/30/2024	Hale rear	2
82226	Raise/Lower Sewer Manhole	4/30/2024	Briarcliff Rd	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
82225	Raise/Lower Sewer Manhole	4/30/2024	Briarcliff R/W	1
82224	Raise/Lower Sewer Manhole	4/30/2024	Davis St	1
82223	Raise/Lower Sewer Manhole	4/30/2024	Shellis st	1
82222	Raise/Lower Sewer Manhole	4/30/2024	Hamilton st	2
82199	Raise/Lower Sewer Manhole	4/30/2024	21st St	1
82125	Raise/Lower Sewer Manhole	4/30/2024	Walnut st	1
82124	Raise/Lower Sewer Manhole	4/30/2024	15th st	1
82123	Raise/Lower Sewer Manhole	4/30/2024	Market st	1
82122	Raise/Lower Sewer Manhole	4/30/2024	Market st	1
82121	Raise/Lower Sewer Manhole	4/30/2024	Hale (rear) Ave	1
82120	Raise/Lower Sewer Manhole	4/30/2024	Hale St	1
82119	Raise/Lower Sewer Manhole	4/30/2024	18th st	1
82118	Raise/Lower Sewer Manhole	4/30/2024	27th St near RR tracks	1
80696	Repair CSO Chamber	2/20/2024	N Front St & Schuylkill St, Harrisburg, Pennsylvania, 17110	1
80739	Repair Sewer Lateral	1/8/2024	Rolleston st	1
80354	Repair Sewer Lateral	1/16/2024	14th st & Thompson St	1
80998	Repair Sewer Lateral	4/29/2024	Regina st	1
82614	Repair Sewer Lateral	4/29/2024	18th st	1
83019	Repair Sewer Lateral	5/9/2024	217 Reily St rear	1
80941	Repair Sewer Manhole	2/15/2024	South 25th and Greenwood Street	1
81064	Repair Sewer Manhole	2/21/2024	25th St.	1
80610	Repair Sewer Manhole	3/18/2024	2201 Swatara St.	1
82015	Repair Sewer Manhole	3/25/2024	4th and Harris street	1
82345	Repair Sewer Manhole	5/3/2024	N 5th St & Antoine St, Harrisburg, Pennsylvania, 17110	2
83087	Repair Sewer Manhole	5/22/2024	Heather Place	1
75575	Repair Sewer Manhole	6/14/2024	Cumberland St, Harrisburg, Pennsylvania, 17113	1
25361	Repair Sewer Pipe	5/8/2024	5th st	1
83290	Repair Sewer Pipe	5/28/2024	Front & Forster	1
77963	Semi-Annual PM; CSO Type A	3/22/2024	S. MULBERRY & CAMERON	1
79399	Semi-Annual PM; CSO Type A	4/9/2024	FRONT & SCHUYLKILL	1
78112	Semi-Annual PM; CSO Type A	4/9/2024	FRONT & Pepper	1
78299	Semi-Annual PM; CSO Type A	4/9/2024	FRONT & REILY	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
78376	Semi-Annual PM; CSO Type A	4/9/2024	FRONT & CALDER	1
77973	Semi-Annual PM; CSO Type A	4/10/2024	10TH & CHESTNUT	1
78150	Semi-Annual PM; CSO Type A	4/10/2024	10TH & MARKET	1
77946	Semi-Annual PM; CSO Type A	4/11/2024	E. CAMERON & NORTH	1
78035	Semi-Annual PM; CSO Type A	4/11/2024	W. CAMERON & NORTH	1
78411	Semi-Annual PM; CSO Type A	4/13/2024	FRONT & VERBEKE	1
78452	Semi-Annual PM; CSO Type A	4/13/2024	FRONT & CUMBERLAND	1
78457	Semi-Annual PM; CSO Type A	4/14/2024	S. KITTATINNY & CAMERON	1
78037	Semi-Annual PM; CSO Type A	4/14/2024	9TH & HERR	1
77941	Semi-Annual PM; CSO Type A	4/14/2024	FRONT & LIBERTY	1
78451	Semi-Annual PM; CSO Type A	4/14/2024	FRONT & STATE	1
78374	Semi-Annual PM; CSO Type A	4/17/2024	FRONT & SOUTH	1
78392	Semi-Annual PM; CSO Type A	4/17/2024	FRONT & PINE	1
78394	Semi-Annual PM; CSO Type A	4/17/2024	FRONT & LOCUST	1
78391	Semi-Annual PM; CSO Type A	4/17/2024	FRONT & WALNUT	1
78464	Semi-Annual PM; CSO Type A	4/17/2024	FRONT & MARKET	1
78465	Semi-Annual PM; CSO Type A	4/21/2024	CHERRY & MULBERRY	1
78297	Semi-Annual PM; CSO Type A	4/21/2024	FRONT & LEWIS	1
78453	Semi-Annual PM; CSO Type A	4/21/2024	FRONT & FORSTER	1
78152	Semi-Annual PM; CSO Type A	4/23/2024	CAMERON & SCHUYLKILL	1
78166	Semi-Annual PM; CSO Type A	4/23/2024	FRONT & HAMILTON	1
78427	Semi-Annual PM; CSO Type A	4/23/2024	FRONT & MULBERRY	1
78110	Semi-Annual PM; CSO Type A	4/28/2024	FRONT & GEIGER	1
78466	Semi-Annual PM; CSO Type A	4/28/2024	S. MARKET & CAMERON	1
78058	Semi-Annual PM; CSO Type A	4/28/2024	N. CAMERON & CUMBERLAND	1
78064	Semi-Annual PM; CSO Type A	4/29/2024	CAMERON & STATE	1
78375	Semi-Annual PM; CSO Type A	5/1/2024	SENECA & SUSQUEHANNA	1
78463	Semi-Annual PM; CSO Type A	5/1/2024	FRONT & MUENCH	1
78426	Semi-Annual PM; CSO Type A	5/2/2024	WOODBINE & GREEN	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
78456	Semi-Annual PM; CSO Type A	5/19/2024	N. KITTATINNY & CAMERON	1
80029	Semi-Annual PM; CSO Type A	6/11/2024	10TH & SHANNON	1
78081	Semi-Annual PM; CSO Type B	3/22/2024	N.MULBERRY & CAMERON	1
77964	Semi-Annual PM; CSO Type B	3/22/2024	W. MULBERRY & CAMERON	1
78002	Semi-Annual PM; CSO Type B	4/10/2024	E. CAMERON & WALNUT	1
78034	Semi-Annual PM; CSO Type B	4/10/2024	W. CAMERON & WALNUT	1
78036	Semi-Annual PM; CSO Type B	4/11/2024	9TH & CUMBERLAND	1
78428	Semi-Annual PM; CSO Type B	4/18/2024	FRONT & PAXTON	1
78296	Semi-Annual PM; CSO Type B	4/21/2024	FRONT & VAUGHN	1
78863	Semi-Annual PM; CSO Type B	4/26/2024	FRONT & HANNA	1
78865	Semi-Annual PM; CSO Type B	4/26/2024	FRONT & TUSCARORA	1
78867	Semi-Annual PM; CSO Type B	4/26/2024	FORREST & CAMERON	1
78059	Semi-Annual PM; CSO Type B	4/28/2024	S. CAMERON & CUMBERLAND	1
77978	Semi-Annual PM; CSO Type C	3/21/2024	CAMERON & MAGNOLIA	1
77972	Semi-Annual PM; CSO Type C	3/21/2024	SALMON STREET	1
77977	Semi-Annual PM; CSO Type C	3/21/2024	CAMERON & HANOVER	1
77944	Semi-Annual PM; CSO Type C	4/11/2024	CAMERON & CALDER	1
78057	Semi-Annual PM; CSO Type C	4/11/2024	HILL CHAMBER T.R.W.	1
78409	Semi-Annual PM; CSO Type C	4/13/2024	FRONT & BOAS	1
77976	Semi-Annual PM; CSO Type C	4/13/2024	SHANOIS STREET	1
78151	Semi-Annual PM; CSO Type C	4/21/2024	10TH & SYCAMORE	1
77966	Semi-Annual PM; CSO Type D	4/13/2024	CAMERON & BERRYHILL	1
77948	Semi-Annual PM; CSO Type D	4/26/2024	E. KITTATINNY & CAMERON	1
78912	Semi-Annual PM; CSO Type D	5/29/2024	N. PAXTON STREET	1
78911	Semi-Annual PM; CSO Type D	5/29/2024	S. PAXTON STREET	1
80509	Street Restoration Sewer Lateral	6/20/2024	109 Washington st	1
81231	Update GIS	3/20/2024	1015 S 16TH ST	2

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
70920	Update GIS	5/14/2024	Reservoir Dr, Harrisburg, Dauphin County, Pennsylvania, 17103, USA	2
81074	Vactor Sewer Manhole	2/15/2024	Mary & Court St.	1
81072	Vactor Sewer Manhole	2/15/2024	Court & Mary St.	1
81076	Vactor Sewer Manhole	2/15/2024	Vine & Mary St.	1
81566	Vactor Sewer Manhole	3/6/2024		1
81568	Vactor Sewer Manhole	3/6/2024		1
82188	Vactor Sewer Manhole	4/7/2024	Florence & Cumberland St	1
83285	Vactor Sewer Manhole	5/27/2024	Front & Forster	1
83289	Vactor Sewer Manhole	5/28/2024	Front & Forster	1
83939	Vactor Sewer Manhole	6/21/2024	Peffer Street	1
83944	Vactor Sewer Manhole	6/21/2024	Peffer Street	1
80173	Wkly Hotspot Manhole Inspections	1/3/2024		24
80168	Wkly Hotspot Manhole Inspections	1/3/2024		2
80166	Wkly Hotspot Manhole Inspections	1/3/2024		3
80183	Wkly Hotspot Manhole Inspections	1/8/2024	2132 Kensington St.	5
80233	Wkly Hotspot Manhole Inspections	1/9/2024		2
80231	Wkly Hotspot Manhole Inspections	1/9/2024		3
80234	Wkly Hotspot Manhole Inspections	1/9/2024		24
80318	Wkly Hotspot Manhole Inspections	1/12/2024	2132 Kensington St.	5
80432	Wkly Hotspot Manhole Inspections	1/15/2024	2132 Kensington St.	5
80346	Wkly Hotspot Manhole Inspections	1/17/2024		2
80347	Wkly Hotspot Manhole Inspections	1/17/2024		3
80348	Wkly Hotspot Manhole Inspections	1/17/2024		24
80459	Wkly Hotspot Manhole Inspections	1/19/2024	2132 Kensington St.	5
80516	Wkly Hotspot Manhole Inspections	1/24/2024		2
80517	Wkly Hotspot Manhole Inspections	1/24/2024		3
80519	Wkly Hotspot Manhole Inspections	1/24/2024		24
80554	Wkly Hotspot Manhole Inspections	1/24/2024	2132 Kensington St.	5
80623	Wkly Hotspot Manhole Inspections	1/30/2024	2132 Kensington St.	5
80620	Wkly Hotspot Manhole Inspections	1/31/2024		2
80621	Wkly Hotspot Manhole Inspections	1/31/2024		3
80622	Wkly Hotspot Manhole Inspections	1/31/2024		24
80701	Wkly Hotspot Manhole Inspections	2/5/2024	2132 Kensington St.	5

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
80715	Wkly Hotspot Manhole Inspections	2/7/2024		2
80716	Wkly Hotspot Manhole Inspections	2/7/2024		3
80717	Wkly Hotspot Manhole Inspections	2/7/2024		24
80809	Wkly Hotspot Manhole Inspections	2/9/2024	2132 Kensington St.	5
80929	Wkly Hotspot Manhole Inspections	2/12/2024	2132 Kensington St.	5
80869	Wkly Hotspot Manhole Inspections	2/14/2024		2
80871	Wkly Hotspot Manhole Inspections	2/14/2024		3
80872	Wkly Hotspot Manhole Inspections	2/14/2024		24
80973	Wkly Hotspot Manhole Inspections	2/16/2024	2132 Kensington St.	5
81063	Wkly Hotspot Manhole Inspections	2/20/2024	2132 Kensington St.	5
81012	Wkly Hotspot Manhole Inspections	2/21/2024		2
81013	Wkly Hotspot Manhole Inspections	2/21/2024		3
81014	Wkly Hotspot Manhole Inspections	2/21/2024		25
81283	Wkly Hotspot Manhole Inspections	2/26/2024	2132 Kensington St.	5
81108	Wkly Hotspot Manhole Inspections	2/26/2024	2132 Kensington St.	5
81167	Wkly Hotspot Manhole Inspections	2/28/2024		2
81170	Wkly Hotspot Manhole Inspections	2/28/2024		3
81173	Wkly Hotspot Manhole Inspections	2/28/2024		25
81287	Wkly Hotspot Manhole Inspections	3/1/2024	2132 Kensington St.	5
81445	Wkly Hotspot Manhole Inspections	3/4/2024	2132 Kensington St.	5
81375	Wkly Hotspot Manhole Inspections	3/6/2024		3
81372	Wkly Hotspot Manhole Inspections	3/6/2024		2
81376	Wkly Hotspot Manhole Inspections	3/6/2024		25
81478	Wkly Hotspot Manhole Inspections	3/8/2024	2132 Kensington St.	5
81614	Wkly Hotspot Manhole Inspections	3/11/2024	2132 Kensington St.	5
81565	Wkly Hotspot Manhole Inspections	3/13/2024		25
81546	Wkly Hotspot Manhole Inspections	3/13/2024		3
81564	Wkly Hotspot Manhole Inspections	3/13/2024		2
81696	Wkly Hotspot Manhole Inspections	3/13/2024		3

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
81657	Wkly Hotspot Manhole Inspections	3/15/2024	2132 Kensington St.	5
81841	Wkly Hotspot Manhole Inspections	3/18/2024	2132 Kensington St.	5
81697	Wkly Hotspot Manhole Inspections	3/20/2024		2
81705	Wkly Hotspot Manhole Inspections	3/20/2024		3
81698	Wkly Hotspot Manhole Inspections	3/20/2024		25
81864	Wkly Hotspot Manhole Inspections	3/22/2024	2132 Kensington St.	5
81906	Wkly Hotspot Manhole Inspections	3/27/2024		2
81907	Wkly Hotspot Manhole Inspections	3/27/2024		3
81908	Wkly Hotspot Manhole Inspections	3/27/2024		25
81942	Wkly Hotspot Manhole Inspections	3/29/2024	2132 Kensington St.	5
82050	Wkly Hotspot Manhole Inspections	4/1/2024	2132 Kensington St.	5
82018	Wkly Hotspot Manhole Inspections	4/3/2024		3
82017	Wkly Hotspot Manhole Inspections	4/3/2024		2
82019	Wkly Hotspot Manhole Inspections	4/3/2024		25
82060	Wkly Hotspot Manhole Inspections	4/5/2024	2132 Kensington St.	5
82131	Wkly Hotspot Manhole Inspections	4/8/2024	2132 Kensington St.	5
82088	Wkly Hotspot Manhole Inspections	4/10/2024		3
82089	Wkly Hotspot Manhole Inspections	4/10/2024		2
82090	Wkly Hotspot Manhole Inspections	4/10/2024		25
82194	Wkly Hotspot Manhole Inspections	4/12/2024	2132 Kensington St.	5
82234	Wkly Hotspot Manhole Inspections	4/17/2024		3
82235	Wkly Hotspot Manhole Inspections	4/18/2024		2
82237	Wkly Hotspot Manhole Inspections	4/18/2024		25
82275	Wkly Hotspot Manhole Inspections	4/19/2024	2132 Kensington St.	5
82438	Wkly Hotspot Manhole Inspections	4/22/2024	2132 Kensington St.	5
82427	Wkly Hotspot Manhole Inspections	4/24/2024		3
82429	Wkly Hotspot Manhole Inspections	4/24/2024		25
82428	Wkly Hotspot Manhole Inspections	4/24/2024		2
82534	Wkly Hotspot Manhole Inspections	4/29/2024	2132 Kensington St.	5

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
82545	Wkly Hotspot Manhole Inspections	5/1/2024		25
82544	Wkly Hotspot Manhole Inspections	5/1/2024		3
82546	Wkly Hotspot Manhole Inspections	5/1/2024		2
82617	Wkly Hotspot Manhole Inspections	5/3/2024	2132 Kensington St.	5
82702	Wkly Hotspot Manhole Inspections	5/6/2024	2132 Kensington St.	5
82763	Wkly Hotspot Manhole Inspections	5/8/2024		25
82766	Wkly Hotspot Manhole Inspections	5/8/2024		3
82767	Wkly Hotspot Manhole Inspections	5/8/2024		2
82768	Wkly Hotspot Manhole Inspections	5/15/2024		25
82771	Wkly Hotspot Manhole Inspections	5/15/2024		2
82724	Wkly Hotspot Manhole Inspections	5/17/2024	2132 Kensington St.	5
83041	Wkly Hotspot Manhole Inspections	5/20/2024	2132 Kensington St.	5
82991	Wkly Hotspot Manhole Inspections	5/22/2024		2
82769	Wkly Hotspot Manhole Inspections	5/22/2024		3
82990	Wkly Hotspot Manhole Inspections	5/22/2024		25
83068	Wkly Hotspot Manhole Inspections	5/24/2024	2132 Kensington St.	5
83096	Wkly Hotspot Manhole Inspections	5/29/2024		3
83103	Wkly Hotspot Manhole Inspections	5/29/2024		2
83104	Wkly Hotspot Manhole Inspections	5/29/2024		25
83134	Wkly Hotspot Manhole Inspections	6/4/2024	2132 Kensington St.	5
83194	Wkly Hotspot Manhole Inspections	6/5/2024		2
83195	Wkly Hotspot Manhole Inspections	6/5/2024		25
83193	Wkly Hotspot Manhole Inspections	6/5/2024		3
83175	Wkly Hotspot Manhole Inspections	6/10/2024	2132 Kensington St.	5
83382	Wkly Hotspot Manhole Inspections	6/12/2024		2
83383	Wkly Hotspot Manhole Inspections	6/12/2024		25
83387	Wkly Hotspot Manhole Inspections	6/13/2024		3
83474	Wkly Hotspot Manhole Inspections	6/14/2024	2132 Kensington St.	5
83732	Wkly Hotspot Manhole Inspections	6/17/2024	2132 Kensington St.	5

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
83646	Wkly Hotspot Manhole Inspections	6/18/2024		2
83647	Wkly Hotspot Manhole Inspections	6/18/2024		25
83706	Wkly Hotspot Manhole Inspections	6/18/2024		3
83857	Wkly Hotspot Manhole Inspections	6/21/2024	2132 Kensington St.	5
83961	Wkly Hotspot Manhole Inspections	6/24/2024	2132 Kensington St.	5
83884	Wkly Hotspot Manhole Inspections	6/26/2024		2
83886	Wkly Hotspot Manhole Inspections	6/26/2024		3
83885	Wkly Hotspot Manhole Inspections	6/26/2024		25
83984	Wkly Hotspot Manhole Inspections	6/28/2024	2132 Kensington St.	5

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
STORM				
80512	CCTV Storm Sewer Pipe	1/18/2024		14
80494	CCTV Storm Sewer Pipe	1/19/2024	Hanover st	29
80791	CCTV Storm Sewer Pipe	2/6/2024		7
80851	CCTV Storm Sewer Pipe	2/6/2024	Liberty St	1
80850	CCTV Storm Sewer Pipe	2/6/2024	Chestnut St	1
80849	CCTV Storm Sewer Pipe	2/6/2024	Liberty St	1
80847	CCTV Storm Sewer Pipe	2/6/2024	Liberty St	1
80846	CCTV Storm Sewer Pipe	2/6/2024	Liberty St	1
80854	CCTV Storm Sewer Pipe	2/14/2024		9
80999	CCTV Storm Sewer Pipe	2/14/2024		14
80630	CCTV Storm Sewer Pipe	2/16/2024	Market st	1
81378	CCTV Storm Sewer Pipe	2/28/2024	Week of 2-12-24 Storm	22
81338	CCTV Storm Sewer Pipe	2/28/2024	Burma St, Harrisburg, Pennsylvania, 17104	1
81092	CCTV Storm Sewer Pipe	2/28/2024	week of 2.12.24 STORM	24
81276	CCTV Storm Sewer Pipe	2/28/2024	Sunday 2.25 STORM	4
81455	CCTV Storm Sewer Pipe	2/29/2024	Burma St, Harrisburg, Pennsylvania, 17104	1
81458	CCTV Storm Sewer Pipe	2/29/2024	Burma St, Harrisburg, Pennsylvania, 17104	1
81636	CCTV Storm Sewer Pipe	3/11/2024	Week of 2-5-24 storm	14
81468	CCTV Storm Sewer Pipe	3/11/2024	2nd and emerald 5th & Radnor St, Harrisburg,	49
81442	CCTV Storm Sewer Pipe	3/20/2024	Pennsylvania, 17110	1
81444	CCTV Storm Sewer Pipe	3/22/2024	Wiconisco st	1
81443	CCTV Storm Sewer Pipe	3/22/2024	Radnor st	1
81833	CCTV Storm Sewer Pipe	3/26/2024	week of 3.11 STORM	45
81986	CCTV Storm Sewer Pipe	3/26/2024	Front st	1
82111	CCTV Storm Sewer Pipe	4/30/2024	Manada st	3
82148	CCTV Storm Sewer Pipe	4/30/2024	3rd and seneca	2
82987	CCTV Storm Sewer Pipe	5/28/2024	Paxton st	1
83037	CCTV Storm Sewer Pipe	5/30/2024	Verbeke	1
83038	CCTV Storm Sewer Pipe	5/30/2024	Verbeke St	1
83455	CCTV Storm Sewer Pipe	6/27/2024	12th St	1
80360	Flush Storm Pipe	1/9/2024	Cameron & Muench	1
80356	Flush Storm Pipe	1/9/2024	Cameron & Muench 1413 Calder St, Harrisburg,	1
80418	Flush Storm Pipe	1/11/2024	Pennsylvania, 17103	1
83268	Flush Storm Pipe	5/25/2024	4th Street	1
84062	Flush Storm Pipe	6/26/2024	Myers alley	1
80277	Lagoon Hauling Operations	1/5/2024		1
80278	Lagoon Hauling Operations	1/5/2024		1
80873	Lagoon Hauling Operations	2/8/2024		1
80874	Lagoon Hauling Operations	2/8/2024		1
80875	Lagoon Hauling Operations	2/8/2024		1
80876	Lagoon Hauling Operations	2/8/2024		1
81289	Lagoon Hauling Operations	2/27/2024		1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
81290	Lagoon Hauling Operations	2/27/2024		1
81291	Lagoon Hauling Operations	2/27/2024		1
81292	Lagoon Hauling Operations	2/27/2024		1
81665	Lagoon Hauling Operations	3/13/2024		1
81663	Lagoon Hauling Operations	3/13/2024		1
81667	Lagoon Hauling Operations	3/13/2024		1
81664	Lagoon Hauling Operations	3/13/2024		1
82640	Lagoon Hauling Operations	5/1/2024		1
82641	Lagoon Hauling Operations	5/1/2024		1
82642	Lagoon Hauling Operations	5/1/2024		1
82643	Lagoon Hauling Operations	5/1/2024		1
82683	Lagoon Hauling Operations	5/3/2024		1
82682	Lagoon Hauling Operations	5/3/2024		1
83389	Lagoon Hauling Operations	6/6/2024		1
83390	Lagoon Hauling Operations	6/6/2024		1
83392	Lagoon Hauling Operations	6/6/2024		1
83391	Lagoon Hauling Operations	6/6/2024		1
83914	Lagoon Hauling Operations	6/20/2024		1
83916	Lagoon Hauling Operations	6/20/2024		1
83918	Lagoon Hauling Operations	6/20/2024		1
83919	Lagoon Hauling Operations	6/20/2024		1
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80647	Lagoon Maintenance - St Sweeping	1/25/2024		1
81078	Lagoon Maintenance - St Sweeping	2/16/2024		1
82164	Lagoon Maintenance - St Sweeping	4/4/2024		1
82211	Lagoon Maintenance - St Sweeping	4/9/2024		1
82260	Lagoon Maintenance - St Sweeping	4/11/2024		1
82308	Lagoon Maintenance - St Sweeping	4/15/2024		1
82321	Lagoon Maintenance - St Sweeping	4/16/2024		1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
82484	Lagoon Maintenance - St Sweeping	4/22/2024		1
82540	Lagoon Maintenance - St Sweeping	4/23/2024		1
82594	Lagoon Maintenance - St Sweeping	4/26/2024		1
83007	Lagoon Maintenance - St Sweeping	5/7/2024		1
82804	Lagoon Maintenance - St Sweeping	5/9/2024		1
82999	Lagoon Maintenance - St Sweeping	5/15/2024		1
83051	Lagoon Maintenance - St Sweeping	5/17/2024		1
83126	Lagoon Maintenance - St Sweeping	5/23/2024		1
83221	Lagoon Maintenance - St Sweeping	5/30/2024		1
83370	Lagoon Maintenance - St Sweeping	6/4/2024		1
83698	Lagoon Maintenance - St Sweeping	6/12/2024		1
83877	Lagoon Maintenance - St Sweeping	6/17/2024		1
81088	Repair Storm Inlet	2/16/2024	20th and Markey	1
81083	Repair Storm Inlet	2/16/2024	1901 Foster street	1
81087	Repair Storm Inlet	2/16/2024	S 25th St & Greenwood St, Harrisburg, Pennsylvania, 17111	1
81084	Repair Storm Inlet	2/16/2024	N 20th St & Boas St, Harrisburg, Pennsylvania, 17103	1
81270	Repair Storm Inlet	2/22/2024	389 Geiger St, Harrisburg, Dauphin County, Pennsylvania, 17102, USA	1
81271	Repair Storm Inlet	2/23/2024	713 S 25th St, Harrisburg, Dauphin County, Pennsylvania, 17111, 1101, USA	1
81356	Repair Storm Inlet	2/25/2024	2315 N 5th St, Harrisburg, Dauphin County, Pennsylvania, 17110, USA	1
81357	Repair Storm Inlet	2/26/2024	4th and Geiger street	1
81296	Repair Storm Inlet	2/27/2024		1
81350	Repair Storm Inlet	2/27/2024	Green St.	1
81349	Repair Storm Inlet	2/27/2024	Green St.	1
81352	Repair Storm Inlet	2/27/2024	Green & Edward St.	1
81297	Repair Storm Inlet	2/27/2024		1
81298	Repair Storm Inlet	2/27/2024		1
81351	Repair Storm Inlet	2/27/2024	Green & Edward St.	1
81358	Repair Storm Inlet	2/27/2024	1937 Derry St, Harrisburg, Dauphin County, Pennsylvania, 17104, 2333, USA	1
81567	Repair Storm Inlet	3/4/2024	3122 Green St, Harrisburg, Dauphin County, Pennsylvania, 17110, 1312, USA	1
81569	Repair Storm Inlet	3/6/2024	312 Graham St, Harrisburg, Dauphin County, Pennsylvania, 17110, 2113, USA	1
81588	Repair Storm Inlet	3/7/2024	Alricks & Hoffman St.	1
81481	Repair Storm Inlet	3/7/2024	Green St.	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
81482	Repair Storm Inlet	3/7/2024	Green St.	1
81483	Repair Storm Inlet	3/7/2024	3rd & Edward St.	1
81589	Repair Storm Inlet	3/7/2024	7th & Woodland St.	1
81553	Repair Storm Inlet	3/7/2024	6th St.	1
81554	Repair Storm Inlet	3/7/2024	6th St.	1
			1524 Brookwood St, Harrisburg, Dauphin County, Pennsylvania,	
81593	Repair Storm Inlet	3/7/2024	17104, USA	1
81610	Repair Storm Inlet	3/8/2024	Hoffman & Alricks St.	1
81611	Repair Storm Inlet	3/8/2024	Hoffman & Alricks St.	1
81587	Repair Storm Inlet	3/8/2024	Alricks & Hoffman St.	1
			3003 N 4th St, Harrisburg, Dauphin County, Pennsylvania, 17110, USA	
81687	Repair Storm Inlet	3/10/2024	3159 Green St, Harrisburg, Dauphin County, Pennsylvania,	1
			17110, USA	
81947	Repair Storm Inlet	3/22/2024	17110, USA	1
82014	Repair Storm Inlet	3/27/2024	Seventh street and Graham street	1
82138	Repair Storm Inlet	4/4/2024	Green & Wiconisco	1
			2 N 15th St, Allison Hill, Harrisburg, Dauphin County, Pennsylvania,	
82112	Repair Storm Inlet	4/4/2024	17103, 2301, USA	1
82139	Repair Storm Inlet	4/4/2024	Green & Wiconisco	1
82140	Repair Storm Inlet	4/4/2024	Green & Wiconisco	1
82141	Repair Storm Inlet	4/4/2024	Green & Wiconisco	1
			13th street between Cloverly ter and 12th street	
82115	Repair Storm Inlet	4/4/2024	13th street between cloverly ter and 12th street	1
			Green St & Shamokin St, Harrisburg, Pennsylvania, 17110	
82117	Repair Storm Inlet	4/4/2024	1508 Market St, Allison Hill, Harrisburg, Dauphin County,	1
			Pennsylvania, 17103, 2332, USA	
82133	Repair Storm Inlet	4/5/2024	Hatton St & Burma St, Harrisburg, Pennsylvania, 17104	1
82142	Repair Storm Inlet	4/5/2024	3rd and seneca	1
82207	Repair Storm Inlet	4/9/2024	383 Hale Ave, Harrisburg, Dauphin County, Pennsylvania, 17104,	1
82217	Repair Storm Inlet	4/9/2024	1520, USA	1
82208	Repair Storm Inlet	4/9/2024	16th and Elm	1
			S 15th St & Market St, Camp Hill, Pennsylvania, 17011	
82215	Repair Storm Inlet	4/9/2024	305 Sassafras St, Allison Hill, Harrisburg, Dauphin County,	1
			Pennsylvania, 17103, USA	
82449	Repair Storm Inlet	4/14/2024	2445 N 6th St, Harrisburg, Dauphin County, Pennsylvania, 17110, USA	1
82330	Repair Storm Inlet	4/17/2024	5th and Brensinger	1
82658	Repair Storm Inlet	5/1/2024	20th and Derry	1
82941	Repair Storm Inlet	5/13/2024	1525 s 13th street	1
82943	Repair Storm Inlet	5/13/2024	Berryhill and 19th street	1
82949	Repair Storm Inlet	5/13/2024	S 25th St & Barkley Ln, Harrisburg, Pennsylvania, 17104	1
82937	Repair Storm Inlet	5/13/2024	14th and Randolph	1
82947	Repair Storm Inlet	5/13/2024	14th stret and Randolph street	1
82948	Repair Storm Inlet	5/13/2024		1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
83011	Repair Storm Inlet	5/15/2024	1532 S 13th St, Harrisburg, Dauphin County, Pennsylvania, 17104, 3109, USA	1
83008	Repair Storm Inlet	5/16/2024	302 Sassafras St, Harrisburg, Pennsylvania, 17103	1
83097	Repair Storm Inlet	5/22/2024	395 Nectarine St, Harrisburg, Pennsylvania, 17104	1
83130	Repair Storm Inlet	5/23/2024	14th & Wayne	1
83129	Repair Storm Inlet	5/23/2024	14th & Wayne	1
83417	Repair Storm Inlet	6/6/2024	2492 Burma St, Allison Hill, Harrisburg, Dauphin County, Pennsylvania, 17104, USA	1
83993	Repair Storm Inlet	6/24/2024	725 N 17th St, Allison Hill, Harrisburg, Dauphin County, Pennsylvania, 17103, 1430, USA	1
84122	Repair Storm Inlet	6/27/2024	1266 S 13th St, South Harrisburg, Harrisburg, Dauphin County, Pennsylvania, 17104, USA	1
80796	Repair Storm Pipe	2/4/2024	Burma St, Harrisburg, Dauphin County, Pennsylvania, 17104, USA	1
25107	Repair Storm Pipe	2/6/2024	Burma	1
25185	Repair Storm Pipe	2/7/2024	S 23rd St & Burma St, Harrisburg, Pennsylvania, 17104	1
82162	Repair Storm Pipe	4/11/2024	N 15th St & North St, Harrisburg, Pennsylvania, 17103	1
82163	Repair Storm Pipe	4/15/2024	N 15th St & North St, Harrisburg, Pennsylvania, 17103	1
83092	Repair Storm Pipe	5/21/2024	Rudy street and Hale street	1
83396	Repair Storm Pipe	6/10/2024	N 5th St & Emerald St, Harrisburg, Pennsylvania, 17110	2
79484	Replace Storm Inlet	1/12/2024	Burma St, Harrisburg, Pennsylvania, 17104	1
79485	Replace Storm Inlet	2/12/2024	Burma St & Melrose St, Harrisburg, Pennsylvania, 17104	1
79632	Replace Storm Inlet	3/15/2024	McCleaster alley	1
74189	Replace Storm Inlet	5/6/2024	2444 Mercer St, Harrisburg, Pennsylvania, 17104	1
83131	Replace Storm Inlet	5/30/2024	Swatara Street and Evergreen street	1
81176	SC - Surface Maintenance	2/21/2024	3rd St @ Basin and 3rd (West Mid- block on 3rd)	1
81140	SC - Surface Maintenance	2/25/2024	S 14th St & Derry St, Harrisburg, Pennsylvania, 17104	1
81139	SC - Surface Maintenance	2/25/2024	So Allison Hill Business Dist @ 14th and Derry - SCM NE on 14th	1
81141	SC - Surface Maintenance	2/25/2024	So Allison Hill Business Dist @ S 14th and Derry - SCM SE on 14th	1
81137	SC - Surface Maintenance	2/25/2024	So Allison Hill Business Dist @ S 15th and Derry - SCM NW on 15th	1
81175	SC - Surface Maintenance	2/25/2024	3rd St @ Blackberry and 3rd (NW)	1
81136	SC - Surface Maintenance	2/25/2024	3rd St @ Union and 3rd (SE midblock)	1
81135	SC - Surface Maintenance	2/25/2024	3rd St @ Union and 3rd (NE Midblock)	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
81132	SC - Surface Maintenance	2/25/2024	3rd St @ Sayford and 3rd (SE on 3rd)	1
81125	SC - Surface Maintenance	2/25/2024	3rd St @ Muench and 3rd (NE on Muench)	1
81131	SC - Surface Maintenance	2/25/2024	3rd St @ Muench and 3rd (SE on Muench)	1
81126	SC - Surface Maintenance	2/25/2024	3rd St @ Muench and 3rd (SE on 3rd)	1
81127	SC - Surface Maintenance	2/25/2024	3rd St @ Hamilton and 3rd (NE on Hamilton)	1
81128	SC - Surface Maintenance	2/25/2024	3rd St @ Calder and 3rd (NE Corner on Calder)	1
81129	SC - Surface Maintenance	2/25/2024	3rd St @ Calder and 3rd (NW Corner on Calder)	1
81130	SC - Surface Maintenance	2/25/2024	3rd St @ Calder and 3rd (SW Corner on 3rd)	1
81144	SC - Surface Maintenance	2/26/2024	Royal Ter. Playground @ (N of King -inside SCM from SCM-3)	1
81123	SC - Surface Maintenance	2/26/2024	Cloverly Heights @ Pemberton and 18th (SE)	1
81124	SC - Surface Maintenance	2/26/2024	Cloverly Heights @ Lowell and Rolleston (SCM on Lowell)	1
81133	SC - Surface Maintenance	2/26/2024	3rd St @ Boas and 3rd (SW Corner on Boas)	1
81147	SC - Surface Maintenance	2/26/2024	3rd St @ Boas and 3rd (NE Corner on Boas)	1
81146	SC - Surface Maintenance	2/26/2024	Penn and Sayford @ North SCM on Penn	1
81145	SC - Surface Maintenance	2/26/2024	Penn and Sayford @ South SCM on Penn	1
81134	SC - Surface Maintenance	2/26/2024	3rd St @ Boas and 3rd (SE Corner on Boas)	1
81142	SC - Surface Maintenance	2/26/2024	So Allison Hill Business Dist @ Kittatinny and Derry - SCM East of Kittatinny	1
81138	SC - Surface Maintenance	2/26/2024	So Allison Hill Business Dist @ 15th and Derry - SCM north side of Derry West of 15th	1
81143	SC - Surface Maintenance	2/26/2024	So Allison Hill Business Dist @ Kittatinny and Derry - SCM West of Kittatinny	1
81309	SC - Surface Maintenance	2/27/2024	3rd St @ Emerald and 3rd (NW on 3rd -Far SCM from Emerald)	1
81310	SC - Surface Maintenance	2/27/2024	3rd St @ Emerald and 3rd (NW on 3rd -middle SCM from Emerald)	1
81311	SC - Surface Maintenance	2/27/2024	3rd St @ Emerald and 3rd (NW on 3rd -inside SCM from Emerald)	1
81307	SC - Surface Maintenance	2/27/2024	3rd St @ Emerald and 3rd (NW on Emerald -Inside SCM from 3rd)	1
81308	SC - Surface Maintenance	2/27/2024	3rd St @ Emerald and 3rd (NW on Emerald -Far SCM from 3rd)	1
81312	SC - Surface Maintenance	2/27/2024	3rd St @ Woodbine and 3rd (NW on Woodbine)	1
81313	SC - Surface Maintenance	2/27/2024	3rd St @ Woodbine and 3rd (SW on Woodbine)	1
81165	SC - Surface Maintenance	2/27/2024	3rd St @ McClay and 3rd (SW on 3rd -far SCM from McClay)	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
81166	SC - Surface Maintenance	2/27/2024	3rd St @ McClay and 3rd (NW on 3rd -inside SCM from McClay)	1
81149	SC - Surface Maintenance	2/27/2024	3rd St @ McClay and 3rd (NW on McClay -inside SCM from 3rd)	1
81150	SC - Surface Maintenance	2/27/2024	3rd St @ McClay and 3rd (NW on McClay -far SCM from 3rd)	1
81152	SC - Surface Maintenance	2/27/2024	3rd St @ McClay and 3rd (SW on McClay -far SCM from 3rd)	1
81151	SC - Surface Maintenance	2/27/2024	3rd St @ McClay and 3rd (SW on McClay -inside SCM from 3rd)	1
81314	SC - Surface Maintenance	2/27/2024	N 3rd St & Maclay St, Harrisburg, Pennsylvania, 17110	1
81154	SC - Surface Maintenance	2/27/2024	3rd St @ Kelker and 3rd (NE on 3rd)	1
81157	SC - Surface Maintenance	2/27/2024	3rd St @ Kelker and 3rd (SW on Kelker -far SCM from 3rd)	1
81155	SC - Surface Maintenance	2/27/2024	3rd St @ Kelker and 3rd (SW on Kelker -inside SCM from 3rd)	1
81158	SC - Surface Maintenance	2/27/2024	3rd St @ Kelker and 3rd (SW on 3rd)	1
81153	SC - Surface Maintenance	2/27/2024	3rd St @ Harris and 3rd (NE on Harris)	1
81159	SC - Surface Maintenance	2/28/2024	3rd St @ Verbeke and 3rd (SE on Verbeke)	1
81160	SC - Surface Maintenance	2/28/2024	3rd St @ Verbeke and 3rd (SW on Verbeke)	1
81306	SC - Surface Maintenance	2/28/2024	4th and Dauphin Park @ Fulton St towards Kelker St	1
81302	SC - Surface Maintenance	2/28/2024	4th and Dauphin Park @ across 4th St and North of Dauphin St (large pavement)	1
81304	SC - Surface Maintenance	2/28/2024	4th and Dauphin Park @ 4th St (south of the 4th St rain garden SCM-000052)	1
81303	SC - Surface Maintenance	2/28/2024	4th and Dauphin Park @ 4th St (NW corner of playground)	1
81305	SC - Surface Maintenance	2/28/2024	4th and Dauphin Park @ Dauphin and Fulton (SE Corner above SCM 50)	1
81328	SC - Surface Maintenance	2/28/2024	Camp Curtin @ Forrest St Far East Tree Box Assoc with Trench SCM	1
81326	SC - Surface Maintenance	2/28/2024	Camp Curtin @ Forrest St Middle Tree Box Assoc with Trench SCM	1
81325	SC - Surface Maintenance	2/28/2024	Camp Curtin @ Forrest St Far West Tree Box	1
81339	SC - Surface Maintenance	2/28/2024	Camp Curtin @ 6th Street Far South Tree Box	1
81320	SC - Surface Maintenance	2/28/2024	Camp Curtin @ 6th Street Middle South Tree Box	1
81317	SC - Surface Maintenance	2/28/2024	Camp Curtin @ 6th Street Middle North Tree Box	1
81316	SC - Surface Maintenance	2/28/2024	Camp Curtin @ 6th Street Far North Tree Box	1
81323	SC - Surface Maintenance	2/28/2024	Camp Curtin @ Woodbine St Far West Tree Box	1
81324	SC - Surface Maintenance	2/28/2024	Camp Curtin @ Woodbine St Middle West Tree Box	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
81327	SC - Surface Maintenance	2/28/2024	Camp Curtin @ Woodbine St Middle East Tree Box	1
81329	SC - Surface Maintenance	2/28/2024	Camp Curtin @ Woodbine St Far East Tree Box	1
81163	SC - Surface Maintenance	2/29/2024	Bellevue Park Ponds @ Upper Pond (Willow) SCM	1
81164	SC - Surface Maintenance	2/29/2024	Bellevue Park Ponds @ Lower Pond (Spruce) SCM	1
81161	SC - Surface Maintenance	2/29/2024	Summit Terrace @ Bailey and 13th (SCM on 13th)	1
81162	SC - Surface Maintenance	2/29/2024	Summit Terrace @ Bailey and Smith (S-SW of Smith)	1
81322	SC - Surface Maintenance	2/29/2024	Camp Curtin @ 6th Street Planter Bump out SCM (6th and Forrest)	1
81340	SC - Surface Maintenance	2/29/2024	Camp Curtin @ 6th Street Stormwater Planter	1
81321	SC - Surface Maintenance	2/29/2024	Camp Curtin @ Rear Y Parking Far North Stormwater Planter	1
81319	SC - Surface Maintenance	2/29/2024	Camp Curtin @ Rear Y Parking North Middle Stormwater Planter	1
81318	SC - Surface Maintenance	2/29/2024	Camp Curtin @ Rear Y Parking Middle SCM Living Wall	1
81315	SC - Surface Maintenance	2/29/2024	Camp Curtin @ Rear Y Parking Middle SCM Planter	1
81331	SC - Surface Maintenance	2/29/2024	Camp Curtin @ Rear Y Parking South SCM Planter Tray	1
81330	SC - Surface Maintenance	2/29/2024	Camp Curtin @ Rear Y Parking South SCM Planter	1
81720	SC - Surface Maintenance	3/20/2024	3rd St @ Emerald and 3rd (NW on 3rd -Far SCM from Emerald)	1
81721	SC - Surface Maintenance	3/20/2024	3rd St @ Emerald and 3rd (NW on 3rd -middle SCM from Emerald)	1
81722	SC - Surface Maintenance	3/20/2024	3rd St @ Emerald and 3rd (NW on 3rd -inside SCM from Emerald)	1
81718	SC - Surface Maintenance	3/20/2024	3rd St @ Emerald and 3rd (NW on Emerald -Inside SCM from 3rd)	1
81719	SC - Surface Maintenance	3/20/2024	3rd St @ Emerald and 3rd (NW on Emerald -Far SCM from 3rd)	1
81723	SC - Surface Maintenance	3/20/2024	3rd St @ Woodbine and 3rd (NW on Woodbine)	1
81724	SC - Surface Maintenance	3/20/2024	3rd St @ Woodbine and 3rd (SW on Woodbine)	1
81725	SC - Surface Maintenance	3/20/2024	3rd St @ McClay and 3rd (SW on 3rd -far SCM from McClay)	1
81726	SC - Surface Maintenance	3/20/2024	3rd St @ McClay and 3rd (NW on 3rd -inside SCM from McClay)	1
81727	SC - Surface Maintenance	3/20/2024	3rd St @ McClay and 3rd (NW on McClay -inside SCM from 3rd)	1
81728	SC - Surface Maintenance	3/20/2024	3rd St @ McClay and 3rd (NW on McClay -far SCM from 3rd)	1
81730	SC - Surface Maintenance	3/20/2024	3rd St @ McClay and 3rd (SW on McClay -far SCM from 3rd)	1
81729	SC - Surface Maintenance	3/20/2024	3rd St @ McClay and 3rd (SW on McClay -inside SCM from 3rd)	1
81731	SC - Surface Maintenance	3/20/2024	3rd St @ McClay and 3rd (NE on 3rd)	1
81735	SC - Surface Maintenance	3/20/2024	3rd St @ Harris and 3rd (NE on Harris)	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
81710	SC - Surface Maintenance	3/22/2024	3rd St @ Blackberry and 3rd (NW)	1
81752	SC - Surface Maintenance	3/24/2024	3rd St @ Union and 3rd (SE midblock)	1
81750	SC - Surface Maintenance	3/24/2024	3rd St @ Union and 3rd (NE Midblock)	1
81749	SC - Surface Maintenance	3/24/2024	3rd St @ Boas and 3rd (SE Corner on Boas)	1
81771	SC - Surface Maintenance	3/24/2024	3rd St @ Boas and 3rd (NE Corner on Boas)	1
81748	SC - Surface Maintenance	3/24/2024	3rd St @ Boas and 3rd (SW Corner on Boas)	1
81747	SC - Surface Maintenance	3/24/2024	3rd St @ Sayford and 3rd (SE on 3rd)	1
81709	SC - Surface Maintenance	3/24/2024	3rd St @ Basin and 3rd (West Mid-block on 3rd)	1
81734	SC - Surface Maintenance	3/24/2024	3rd St @ Hamilton and 3rd (NE on Hamilton)	1
81732	SC - Surface Maintenance	3/24/2024	3rd St @ Muench and 3rd (NE on Muench)	1
81739	SC - Surface Maintenance	3/24/2024	3rd St @ Muench and 3rd (SE on Muench)	1
81733	SC - Surface Maintenance	3/24/2024	3rd St @ Muench and 3rd (SE on 3rd)	1
81770	SC - Surface Maintenance	3/24/2024	Penn and Sayford @ North SCM on Penn	1
81769	SC - Surface Maintenance	3/24/2024	Penn and Sayford @ South SCM on Penn	1
81736	SC - Surface Maintenance	3/24/2024	3rd St @ Calder and 3rd (NE Corner on Calder)	1
81737	SC - Surface Maintenance	3/24/2024	3rd St @ Calder and 3rd (NW Corner on Calder)	1
81738	SC - Surface Maintenance	3/24/2024	3rd St @ Calder and 3rd (SW Corner on 3rd)	1
81768	SC - Surface Maintenance	3/24/2024	Royal Ter. Playground @ (N of King -inside SCM from SCM-3)	1
81711	SC - Surface Maintenance	3/24/2024	Cloverly Heights @ Pemberton and 18th (SE)	1
81712	SC - Surface Maintenance	3/24/2024	Cloverly Heights @ Lowell and Rolleston (SCM on Lowell)	1
81753	SC - Surface Maintenance	3/25/2024	So Allison Hill Business Dist @ S 15th and Derry - SCM NW on 15th	1
81758	SC - Surface Maintenance	3/25/2024	So Allison Hill Business Dist @ Kittatinny and Derry - SCM East of Kittatinny	1
81740	SC - Surface Maintenance	3/25/2024	3rd St @ Kelker and 3rd (NE on 3rd)	1
81742	SC - Surface Maintenance	3/25/2024	3rd St @ Kelker and 3rd (SW on Kelker -far SCM from 3rd)	1
81741	SC - Surface Maintenance	3/25/2024	3rd St @ Kelker and 3rd (SW on Kelker -inside SCM from 3rd)	1
81744	SC - Surface Maintenance	3/25/2024	3rd St @ Kelker and 3rd (SW on 3rd)	1
81745	SC - Surface Maintenance	3/25/2024	3rd St @ Verbeke and 3rd (SE on Verbeke)	1
81746	SC - Surface Maintenance	3/25/2024	3rd St @ Verbeke and 3rd (SW on Verbeke)	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
81759	SC - Surface Maintenance	3/25/2024	So Allison Hill Business Dist @ Kittatinny and Derry - SCM West of Kittatinny	1
81757	SC - Surface Maintenance	3/25/2024	So Allison Hill Business Dist @ S 14th and Derry - SCM SE on 14th	1
81755	SC - Surface Maintenance	3/25/2024	So Allison Hill Business Dist @ 14th and Derry - SCM NE on 14th	1
81756	SC - Surface Maintenance	3/25/2024	So Allison Hill Business Dist @ 14th and Derry - SCM NW on 14th	1
81754	SC - Surface Maintenance	3/26/2024	So Allison Hill Business Dist @ 15th and Derry - SCM north side of Derry West of 15th	1
81717	SC - Surface Maintenance	3/27/2024	4th and Dauphin Park @ Fulton St towards Kelker St	1
81713	SC - Surface Maintenance	3/27/2024	4th and Dauphin Park @ across 4th St and North of Dauphin St (large pavement)	1
81790	SC - Surface Maintenance	4/1/2024	Bellevue Park Ponds @ Upper Pond (Willow) SCM	1
81791	SC - Surface Maintenance	4/1/2024	Bellevue Park Ponds @ Lower Pond (Spruce) SCM	1
81760	SC - Surface Maintenance	4/1/2024	Summit Terrace @ Bailey and 13th (SCM on 13th)	1
81761	SC - Surface Maintenance	4/1/2024	Summit Terrace @ Bailey and Smith (S-SW of Smith)	1
81715	SC - Surface Maintenance	4/1/2024	4th and Dauphin Park @ 4th St (south of the 4th St rain garden SCM-000052)	1
81716	SC - Surface Maintenance	4/1/2024	4th and Dauphin Park @ Dauphin and Fulton (SE Corner above SCM 50)	1
81714	SC - Surface Maintenance	4/1/2024	4th and Dauphin Park @ 4th St (NW corner of playground)	1
81786	SC - Surface Maintenance	4/1/2024	Camp Curtin @ Forrest St Far East Tree Box Assoc with Trench SCM	1
81784	SC - Surface Maintenance	4/1/2024	Camp Curtin @ Forrest St Middle Tree Box Assoc with Trench SCM	1
81783	SC - Surface Maintenance	4/1/2024	Camp Curtin @ Forrest St Far West Tree Box	1
81780	SC - Surface Maintenance	4/1/2024	Camp Curtin @ 6th Street Planter Bump out SCM (6th and Forrest)	1
81778	SC - Surface Maintenance	4/1/2024	Camp Curtin @ 6th Street Far South Tree Box	1
81777	SC - Surface Maintenance	4/1/2024	Camp Curtin @ 6th Street Middle South Tree Box	1
81792	SC - Surface Maintenance	4/1/2024	Camp Curtin @ 6th Street Stormwater Planter	1
81781	SC - Surface Maintenance	4/1/2024	Camp Curtin @ Woodbine St Far West Tree Box	1
81782	SC - Surface Maintenance	4/1/2024	Camp Curtin @ Woodbine St Middle West Tree Box	1
81785	SC - Surface Maintenance	4/1/2024	Camp Curtin @ Woodbine St Middle East Tree Box	1
81787	SC - Surface Maintenance	4/1/2024	Camp Curtin @ Woodbine St Far East Tree Box	1
81779	SC - Surface Maintenance	4/1/2024	Camp Curtin @ Rear Y Parking Far North Stormwater Planter	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
81776	SC - Surface Maintenance	4/1/2024	Camp Curtin @ Rear Y Parking North Middle Stormwater Planter	1
81775	SC - Surface Maintenance	4/1/2024	Camp Curtin @ Rear Y Parking Middle SCM Living Wall	1
81772	SC - Surface Maintenance	4/1/2024	Camp Curtin @ Rear Y Parking Middle SCM Planter	1
81789	SC - Surface Maintenance	4/1/2024	Camp Curtin @ Rear Y Parking South SCM Planter Tray	1
81788	SC - Surface Maintenance	4/1/2024	Camp Curtin @ Rear Y Parking South SCM Planter	1
81774	SC - Surface Maintenance	4/2/2024	Camp Curtin @ 6th Street Middle North Tree Box	1
81773	SC - Surface Maintenance	4/2/2024	Camp Curtin @ 6th Street Far North Tree Box	1
82347	SC - Surface Maintenance	4/18/2024	3rd St @ Emerald and 3rd (NW on 3rd -Far SCM from Emerald)	1
82349	SC - Surface Maintenance	4/18/2024	3rd St @ Emerald and 3rd (NW on 3rd -middle SCM from Emerald)	1
82348	SC - Surface Maintenance	4/18/2024	3rd St @ Emerald and 3rd (NW on 3rd -inside SCM from Emerald)	1
82351	SC - Surface Maintenance	4/18/2024	3rd St @ Emerald and 3rd (NW on Emerald -Inside SCM from 3rd)	1
82350	SC - Surface Maintenance	4/18/2024	3rd St @ Emerald and 3rd (NW on Emerald -Far SCM from 3rd)	1
82366	SC - Surface Maintenance	4/18/2024	3rd St @ Woodbine and 3rd (NW on Woodbine)	1
82367	SC - Surface Maintenance	4/18/2024	3rd St @ Woodbine and 3rd (SW on Woodbine)	1
82361	SC - Surface Maintenance	4/18/2024	3rd St @ McClay and 3rd (SW on 3rd -far SCM from McClay)	1
82358	SC - Surface Maintenance	4/18/2024	3rd St @ McClay and 3rd (NW on 3rd -inside SCM from McClay)	1
82360	SC - Surface Maintenance	4/18/2024	3rd St @ McClay and 3rd (NW on McClay -inside SCM from 3rd)	1
82359	SC - Surface Maintenance	4/18/2024	3rd St @ McClay and 3rd (NW on McClay -far SCM from 3rd)	1
82357	SC - Surface Maintenance	4/18/2024	3rd St @ McClay and 3rd (NE on 3rd)	1
82362	SC - Surface Maintenance	4/18/2024	3rd St @ McClay and 3rd (SW on McClay -far SCM from 3rd)	1
82363	SC - Surface Maintenance	4/18/2024	3rd St @ McClay and 3rd (SW on McClay -inside SCM from 3rd)	1
82353	SC - Surface Maintenance	4/18/2024	3rd St @ Kelker and 3rd (NE on 3rd)	1
82355	SC - Surface Maintenance	4/18/2024	3rd St @ Kelker and 3rd (SW on Kelker -far SCM from 3rd)	1
82356	SC - Surface Maintenance	4/18/2024	3rd St @ Kelker and 3rd (SW on Kelker -inside SCM from 3rd)	1
82354	SC - Surface Maintenance	4/18/2024	3rd St @ Kelker and 3rd (SW on 3rd)	1
82372	SC - Surface Maintenance	4/19/2024	4th and Dauphin Park @ across 4th St and North of Dauphin St (large pavement)	1
82371	SC - Surface Maintenance	4/19/2024	4th and Dauphin Park @ Fulton St towards Kelker St	1
82370	SC - Surface Maintenance	4/19/2024	4th and Dauphin Park @ Dauphin and Fulton (SE Corner above SCM 50)	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
82368	SC - Surface Maintenance	4/19/2024	4th and Dauphin Park @ 4th St (NW corner of playground)	1
82369	SC - Surface Maintenance	4/19/2024	4th and Dauphin Park @ 4th St (south of the 4th St rain garden SCM-000052)	1
82377	SC - Surface Maintenance	4/19/2024	Camp Curtin @ Forrest St Far East Tree Box Assoc with Trench SCM	1
82378	SC - Surface Maintenance	4/19/2024	Camp Curtin @ Forrest St Middle Tree Box Assoc with Trench SCM	1
82387	SC - Surface Maintenance	4/19/2024	Camp Curtin @ Forrest St Far West Tree Box	1
82380	SC - Surface Maintenance	4/19/2024	Camp Curtin @ 6th Street Planter Bump out SCM (6th and Forrest)	1
82374	SC - Surface Maintenance	4/19/2024	Camp Curtin @ 6th Street Far South Tree Box	1
82383	SC - Surface Maintenance	4/19/2024	Camp Curtin @ 6th Street Middle South Tree Box	1
82379	SC - Surface Maintenance	4/19/2024	Camp Curtin @ 6th Street Stormwater Planter	1
82375	SC - Surface Maintenance	4/19/2024	Camp Curtin @ 6th Street Middle North Tree Box	1
82373	SC - Surface Maintenance	4/19/2024	Camp Curtin @ 6th Street Far North Tree Box	1
82385	SC - Surface Maintenance	4/19/2024	Camp Curtin @ Woodbine St Far West Tree Box	1
82386	SC - Surface Maintenance	4/19/2024	Camp Curtin @ Woodbine St Middle West Tree Box	1
82388	SC - Surface Maintenance	4/19/2024	Camp Curtin @ Woodbine St Middle East Tree Box	1
82389	SC - Surface Maintenance	4/19/2024	Camp Curtin @ Woodbine St Far East Tree Box	1
82384	SC - Surface Maintenance	4/19/2024	Camp Curtin @ Rear Y Parking Far North Stormwater Planter	1
82382	SC - Surface Maintenance	4/19/2024	Camp Curtin @ Rear Y Parking North Middle Stormwater Planter	1
82381	SC - Surface Maintenance	4/19/2024	Camp Curtin @ Rear Y Parking Middle SCM Planter	1
82391	SC - Surface Maintenance	4/19/2024	Camp Curtin @ Rear Y Parking Middle SCM Living Wall	1
82376	SC - Surface Maintenance	4/19/2024	Camp Curtin @ Rear Y Parking South SCM Planter	1
82390	SC - Surface Maintenance	4/19/2024	Camp Curtin @ Rear Y Parking South SCM Planter Tray	1
82364	SC - Surface Maintenance	4/19/2024	3rd St @ Verbeke and 3rd (SE on Verbeke)	1
82365	SC - Surface Maintenance	4/19/2024	3rd St @ Verbeke and 3rd (SW on Verbeke)	1
82409	SC - Surface Maintenance	4/21/2024	Royal Ter. Playground @ (N of King -inside SCM from SCM-3)	1
82400	SC - Surface Maintenance	4/21/2024	Cloverly Heights @ Lowell and Rolleston (SCM on Lowell)	1
82401	SC - Surface Maintenance	4/22/2024	Cloverly Heights @ Pemberton and 18th (SE)	1
82402	SC - Surface Maintenance	4/22/2024	So Allison Hill Business Dist @ S 15th and Derry - SCM NW on 15th	1
82403	SC - Surface Maintenance	4/22/2024	So Allison Hill Business Dist @ 15th and Derry - SCM north side of Derry West of 15th	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
82406	SC - Surface Maintenance	4/22/2024	So Allison Hill Business Dist @ Kittatinny and Derry - SCM East of Kittatinny	1
82408	SC - Surface Maintenance	4/22/2024	So Allison Hill Business Dist @ Kittatinny and Derry - SCM West of Kittatinny	1
82407	SC - Surface Maintenance	4/22/2024	So Allison Hill Business Dist @ S 14th and Derry - SCM SE on 14th	1
82404	SC - Surface Maintenance	4/22/2024	So Allison Hill Business Dist @ 14th and Derry - SCM NE on 14th	1
82405	SC - Surface Maintenance	4/22/2024	So Allison Hill Business Dist @ 14th and Derry - SCM NW on 14th	1
82426	SC - Surface Maintenance	4/22/2024	3rd St @ Blackberry and 3rd (NW)	1
82424	SC - Surface Maintenance	4/22/2024	3rd St @ Union and 3rd (SE midblock)	1
82423	SC - Surface Maintenance	4/22/2024	3rd St @ Union and 3rd (NE Midblock)	1
82392	SC - Surface Maintenance	4/22/2024	Summit Terrace @ Bailey and 13th (SCM on 13th)	1
82393	SC - Surface Maintenance	4/22/2024	Summit Terrace @ Bailey and Smith (S-SW of Smith)	1
82399	SC - Surface Maintenance	4/22/2024	Bellevue Park Ponds @ Upper Pond (Willow) SCM	1
82398	SC - Surface Maintenance	4/22/2024	Bellevue Park Ponds @ Lower Pond (Spruce) SCM	1
82352	SC - Surface Maintenance	4/22/2024	3rd St @ Harris and 3rd (NE on Harris)	1
82422	SC - Surface Maintenance	4/23/2024	3rd St @ Boas and 3rd (SE Corner on Boas)	1
82421	SC - Surface Maintenance	4/23/2024	3rd St @ Boas and 3rd (NE Corner on Boas)	1
82425	SC - Surface Maintenance	4/23/2024	3rd St @ Boas and 3rd (SW Corner on Boas)	1
82420	SC - Surface Maintenance	4/23/2024	3rd St @ Sayford and 3rd (SE on 3rd)	1
82417	SC - Surface Maintenance	4/23/2024	3rd St @ Basin and 3rd (West Mid-block on 3rd)	1
82415	SC - Surface Maintenance	4/23/2024	3rd St @ Calder and 3rd (NE Corner on Calder)	1
82416	SC - Surface Maintenance	4/23/2024	3rd St @ Calder and 3rd (SW Corner on 3rd)	1
82414	SC - Surface Maintenance	4/23/2024	3rd St @ Calder and 3rd (NW Corner on Calder)	1
82410	SC - Surface Maintenance	4/23/2024	3rd St @ Muench and 3rd (SE on Muench)	1
82411	SC - Surface Maintenance	4/23/2024	3rd St @ Muench and 3rd (SE on 3rd)	1
82412	SC - Surface Maintenance	4/23/2024	3rd St @ Muench and 3rd (NE on Muench)	1
82413	SC - Surface Maintenance	4/23/2024	3rd St @ Hamilton and 3rd (NE on Hamilton)	1
82419	SC - Surface Maintenance	4/23/2024	Penn and Sayford @ North SCM on Penn	1
82418	SC - Surface Maintenance	4/23/2024	Penn and Sayford @ South SCM on Penn	1
82836	SC - Surface Maintenance	5/20/2024	3rd St @ Emerald and 3rd (NW on 3rd -Far SCM from Emerald)	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
82838	SC - Surface Maintenance	5/20/2024	3rd St @ Emerald and 3rd (NW on 3rd -middle SCM from Emerald)	1
82837	SC - Surface Maintenance	5/20/2024	3rd St @ Emerald and 3rd (NW on 3rd -inside SCM from Emerald)	1
82840	SC - Surface Maintenance	5/20/2024	3rd St @ Emerald and 3rd (NW on Emerald -Inside SCM from 3rd)	1
82839	SC - Surface Maintenance	5/20/2024	3rd St @ Emerald and 3rd (NW on Emerald -Far SCM from 3rd)	1
82855	SC - Surface Maintenance	5/20/2024	3rd St @ Woodbine and 3rd (NW on Woodbine)	1
82856	SC - Surface Maintenance	5/20/2024	3rd St @ Woodbine and 3rd (SW on Woodbine)	1
82850	SC - Surface Maintenance	5/21/2024	3rd St @ McClay and 3rd (SW on 3rd -far SCM from McClay)	1
82847	SC - Surface Maintenance	5/21/2024	3rd St @ McClay and 3rd (NW on 3rd -inside SCM from McClay)	1
82849	SC - Surface Maintenance	5/21/2024	3rd St @ McClay and 3rd (NW on McClay -inside SCM from 3rd)	1
82848	SC - Surface Maintenance	5/21/2024	3rd St @ McClay and 3rd (NW on McClay -far SCM from 3rd)	1
82851	SC - Surface Maintenance	5/21/2024	3rd St @ McClay and 3rd (SW on McClay -far SCM from 3rd)	1
82852	SC - Surface Maintenance	5/21/2024	3rd St @ McClay and 3rd (SW on McClay -inside SCM from 3rd)	1
82846	SC - Surface Maintenance	5/21/2024	3rd St @ McClay and 3rd (NE on 3rd)	1
82842	SC - Surface Maintenance	5/21/2024	3rd St @ Kelker and 3rd (NE on 3rd)	1
82845	SC - Surface Maintenance	5/21/2024	3rd St @ Kelker and 3rd (SW on Kelker -inside SCM from 3rd)	1
82844	SC - Surface Maintenance	5/21/2024	3rd St @ Kelker and 3rd (SW on Kelker -far SCM from 3rd)	1
82843	SC - Surface Maintenance	5/21/2024	3rd St @ Kelker and 3rd (SW on 3rd)	1
82882	SC - Surface Maintenance	5/21/2024	Camp Curtin @ Woodbine St Far East Tree Box	1
82881	SC - Surface Maintenance	5/21/2024	Camp Curtin @ Woodbine St Middle East Tree Box	1
82880	SC - Surface Maintenance	5/21/2024	Camp Curtin @ Woodbine St Middle West Tree Box	1
82879	SC - Surface Maintenance	5/21/2024	Camp Curtin @ Woodbine St Far West Tree Box	1
82864	SC - Surface Maintenance	5/21/2024	Camp Curtin @ 6th Street Far North Tree Box	1
82866	SC - Surface Maintenance	5/21/2024	Camp Curtin @ 6th Street Middle North Tree Box	1
82867	SC - Surface Maintenance	5/21/2024	Camp Curtin @ 6th Street Middle South Tree Box	1
82865	SC - Surface Maintenance	5/21/2024	Camp Curtin @ 6th Street Far South Tree Box	1
82869	SC - Surface Maintenance	5/21/2024	Camp Curtin @ 6th Street Stormwater Planter	1
82868	SC - Surface Maintenance	5/21/2024	Camp Curtin @ 6th Street Planter Bump out SCM (6th and Forrest)	1
82871	SC - Surface Maintenance	5/21/2024	Camp Curtin @ Forrest St Far West Tree Box	1
82872	SC - Surface Maintenance	5/21/2024	Camp Curtin @ Forrest St Middle Tree Box Assoc with Trench SCM	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
82870	SC - Surface Maintenance	5/21/2024	Camp Curtin @ Forrest St Far East Tree Box Assoc with Trench SCM	1
82883	SC - Surface Maintenance	5/21/2024	Camp Curtin @ Rear Y Parking South SCM Planter Tray	1
82911	SC - Surface Maintenance	5/21/2024	Camp Curtin @ Rear Y Parking South SCM Planter	1
82874	SC - Surface Maintenance	5/21/2024	Camp Curtin @ Rear Y Parking Middle SCM Living Wall	1
82875	SC - Surface Maintenance	5/21/2024	Camp Curtin @ Rear Y Parking Middle SCM Planter	1
82876	SC - Surface Maintenance	5/21/2024	Camp Curtin @ Rear Y Parking North Middle Stormwater Planter	1
82873	SC - Surface Maintenance	5/21/2024	Camp Curtin @ Rear Y Parking Far North Stormwater Planter	1
82860	SC - Surface Maintenance	5/21/2024	4th and Dauphin Park @ Fulton St towards Kelker St	1
82861	SC - Surface Maintenance	5/21/2024	4th and Dauphin Park @ across 4th St and North of Dauphin St (large pavement)	1
82858	SC - Surface Maintenance	5/21/2024	4th and Dauphin Park @ 4th St (south of the 4th St rain garden SCM-000052)	1
82857	SC - Surface Maintenance	5/21/2024	4th and Dauphin Park @ 4th St (NW corner of playground)	1
82859	SC - Surface Maintenance	5/21/2024	4th and Dauphin Park @ Dauphin and Fulton (SE Corner above SCM 50)	1
82841	SC - Surface Maintenance	5/21/2024	3rd St @ Harris and 3rd (NE on Harris)	1
82854	SC - Surface Maintenance	5/22/2024	3rd St @ Verbeke and 3rd (SW on Verbeke)	1
82853	SC - Surface Maintenance	5/22/2024	3rd St @ Verbeke and 3rd (SE on Verbeke)	1
82910	SC - Surface Maintenance	5/23/2024	3rd St @ Blackberry and 3rd (NW)	1
82899	SC - Surface Maintenance	5/23/2024	3rd St @ Calder and 3rd (NE Corner on Calder)	1
82901	SC - Surface Maintenance	5/23/2024	3rd St @ Basin and 3rd (West Mid- block on 3rd)	1
82877	SC - Surface Maintenance	5/23/2024	Summit Terrace @ Bailey and 13th (SCM on 13th)	1
82878	SC - Surface Maintenance	5/23/2024	Summit Terrace @ Bailey and Smith (S-SW of Smith)	1
82863	SC - Surface Maintenance	5/23/2024	Bellevue Park Ponds @ Upper Pond (Willow) SCM	1
82862	SC - Surface Maintenance	5/23/2024	Bellevue Park Ponds @ Lower Pond (Spruce) SCM	1
82898	SC - Surface Maintenance	5/28/2024	3rd St @ Calder and 3rd (NW Corner on Calder)	1
82908	SC - Surface Maintenance	5/28/2024	3rd St @ Union and 3rd (SE midblock)	1
82907	SC - Surface Maintenance	5/28/2024	3rd St @ Union and 3rd (NE Midblock)	1
82906	SC - Surface Maintenance	5/28/2024	3rd St @ Boas and 3rd (SE Corner on Boas)	1
82909	SC - Surface Maintenance	5/28/2024	3rd St @ Boas and 3rd (SW Corner on Boas)	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
82905	SC - Surface Maintenance	5/28/2024	3rd St @ Boas and 3rd (NE Corner on Boas)	1
82904	SC - Surface Maintenance	5/28/2024	3rd St @ Sayford and 3rd (SE on 3rd)	1
82900	SC - Surface Maintenance	5/28/2024	3rd St @ Calder and 3rd (SW Corner on 3rd)	1
82897	SC - Surface Maintenance	5/29/2024	3rd St @ Hamilton and 3rd (NE on Hamilton)	1
82895	SC - Surface Maintenance	5/29/2024	3rd St @ Muench and 3rd (SE on 3rd)	1
82894	SC - Surface Maintenance	5/29/2024	3rd St @ Muench and 3rd (SE on Muench)	1
82896	SC - Surface Maintenance	5/29/2024	3rd St @ Muench and 3rd (NE on Muench)	1
82902	SC - Surface Maintenance	5/29/2024	Penn and Sayford @ South SCM on Penn	1
82903	SC - Surface Maintenance	5/29/2024	Penn and Sayford @ North SCM on Penn	1
82893	SC - Surface Maintenance	5/29/2024	Royal Ter. Playground @ (N of King -inside SCM from SCM-3)	1
82884	SC - Surface Maintenance	5/29/2024	Cloverly Heights @ Lowell and Rolleston (SCM on Lowell)	1
82885	SC - Surface Maintenance	5/29/2024	Cloverly Heights @ Pemberton and 18th (SE)	1
82886	SC - Surface Maintenance	5/29/2024	So Allison Hill Business Dist @ S 15th and Derry - SCM NW on 15th	1
82887	SC - Surface Maintenance	5/29/2024	So Allison Hill Business Dist @ 15th and Derry - SCM north side of Derry West of 15th	1
82890	SC - Surface Maintenance	5/29/2024	So Allison Hill Business Dist @ Kittatinny and Derry - SCM East of Kittatinny	1
82892	SC - Surface Maintenance	5/29/2024	So Allison Hill Business Dist @ Kittatinny and Derry - SCM West of Kittatinny	1
82891	SC - Surface Maintenance	5/29/2024	So Allison Hill Business Dist @ S 14th and Derry - SCM SE on 14th	1
82888	SC - Surface Maintenance	5/29/2024	So Allison Hill Business Dist @ 14th and Derry - SCM NE on 14th	1
82889	SC - Surface Maintenance	5/29/2024	So Allison Hill Business Dist @ 14th and Derry - SCM NW on 14th	1
83757	SC - Surface Maintenance	6/16/2024	3rd St @ Emerald and 3rd (NW on 3rd -Far SCM from Emerald)	1
83758	SC - Surface Maintenance	6/16/2024	3rd St @ Emerald and 3rd (NW on 3rd -inside SCM from Emerald)	1
83759	SC - Surface Maintenance	6/16/2024	3rd St @ Emerald and 3rd (NW on 3rd -middle SCM from Emerald)	1
83760	SC - Surface Maintenance	6/16/2024	3rd St @ Emerald and 3rd (NW on Emerald -Far SCM from 3rd)	1
83761	SC - Surface Maintenance	6/16/2024	3rd St @ Emerald and 3rd (NW on Emerald -Inside SCM from 3rd)	1
83762	SC - Surface Maintenance	6/16/2024	3rd St @ Harris and 3rd (NE on Harris)	1
83763	SC - Surface Maintenance	6/16/2024	3rd St @ Kelker and 3rd (NE on 3rd)	1
83764	SC - Surface Maintenance	6/16/2024	3rd St @ Kelker and 3rd (SW on 3rd)	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
83765	SC - Surface Maintenance	6/16/2024	3rd St @ Kelker and 3rd (SW on Kelker -far SCM from 3rd)	1
83766	SC - Surface Maintenance	6/16/2024	3rd St @ Kelker and 3rd (SW on Kelker -inside SCM from 3rd)	1
83767	SC - Surface Maintenance	6/16/2024	3rd St @ McClay and 3rd (NE on 3rd)	1
83768	SC - Surface Maintenance	6/16/2024	3rd St @ McClay and 3rd (NW on 3rd -inside SCM from McClay)	1
83769	SC - Surface Maintenance	6/16/2024	3rd St @ McClay and 3rd (NW on McClay -far SCM from 3rd)	1
83770	SC - Surface Maintenance	6/16/2024	3rd St @ McClay and 3rd (NW on McClay -inside SCM from 3rd)	1
83771	SC - Surface Maintenance	6/16/2024	3rd St @ McClay and 3rd (SW on 3rd -far SCM from McClay)	1
83772	SC - Surface Maintenance	6/16/2024	3rd St @ McClay and 3rd (SW on McClay -far SCM from 3rd)	1
83773	SC - Surface Maintenance	6/16/2024	3rd St @ McClay and 3rd (SW on McClay -inside SCM from 3rd)	1
83774	SC - Surface Maintenance	6/16/2024	3rd St @ Verbeke and 3rd (SE on Verbeke)	1
83775	SC - Surface Maintenance	6/16/2024	3rd St @ Verbeke and 3rd (SW on Verbeke)	1
83776	SC - Surface Maintenance	6/16/2024	3rd St @ Woodbine and 3rd (NW on Woodbine)	1
83777	SC - Surface Maintenance	6/16/2024	3rd St @ Woodbine and 3rd (SW on Woodbine)	1
83778	SC - Surface Maintenance	6/16/2024	4th and Dauphin Park @ 4th St (NW corner of playground)	1
83779	SC - Surface Maintenance	6/16/2024	4th and Dauphin Park @ 4th St (south of the 4th St rain garden SCM-000052)	1
83733	SC - Surface Maintenance	6/20/2024	3rd St @ Emerald and 3rd (NW on 3rd -Far SCM from Emerald)	1
83735	SC - Surface Maintenance	6/20/2024	3rd St @ Emerald and 3rd (NW on 3rd -middle SCM from Emerald)	1
83734	SC - Surface Maintenance	6/20/2024	3rd St @ Emerald and 3rd (NW on 3rd -inside SCM from Emerald)	1
83737	SC - Surface Maintenance	6/20/2024	3rd St @ Emerald and 3rd (NW on Emerald -Inside SCM from 3rd)	1
83736	SC - Surface Maintenance	6/20/2024	3rd St @ Emerald and 3rd (NW on Emerald -Far SCM from 3rd)	1
83752	SC - Surface Maintenance	6/20/2024	3rd St @ Woodbine and 3rd (NW on Woodbine)	1
83753	SC - Surface Maintenance	6/20/2024	3rd St @ Woodbine and 3rd (SW on Woodbine)	1
83747	SC - Surface Maintenance	6/20/2024	3rd St @ McClay and 3rd (SW on 3rd -far SCM from McClay)	1
83744	SC - Surface Maintenance	6/20/2024	3rd St @ McClay and 3rd (NW on 3rd -inside SCM from McClay)	1
83746	SC - Surface Maintenance	6/20/2024	3rd St @ McClay and 3rd (NW on McClay -inside SCM from 3rd)	1
83745	SC - Surface Maintenance	6/20/2024	3rd St @ McClay and 3rd (NW on McClay -far SCM from 3rd)	1
83748	SC - Surface Maintenance	6/20/2024	3rd St @ McClay and 3rd (SW on McClay -far SCM from 3rd)	1
83749	SC - Surface Maintenance	6/20/2024	3rd St @ McClay and 3rd (SW on McClay -inside SCM from 3rd)	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
83743	SC - Surface Maintenance	6/20/2024	3rd St @ McClay and 3rd (NE on 3rd)	1
83741	SC - Surface Maintenance	6/20/2024	3rd St @ Kelker and 3rd (SW on Kelker -far SCM from 3rd)	1
83742	SC - Surface Maintenance	6/20/2024	3rd St @ Kelker and 3rd (SW on Kelker -inside SCM from 3rd)	1
83740	SC - Surface Maintenance	6/20/2024	3rd St @ Kelker and 3rd (SW on 3rd)	1
83739	SC - Surface Maintenance	6/20/2024	3rd St @ Kelker and 3rd (NE on 3rd)	1
83790	SC - Surface Maintenance	6/21/2024	Camp Curtin @ 6th Street Stormwater Planter	1
83751	SC - Surface Maintenance	6/21/2024	3rd St @ Verbeke and 3rd (SW on Verbeke)	1
83750	SC - Surface Maintenance	6/21/2024	3rd St @ Verbeke and 3rd (SE on Verbeke)	1
83738	SC - Surface Maintenance	6/21/2024	3rd St @ Harris and 3rd (NE on Harris)	1
83801	SC - Surface Maintenance	6/21/2024	Camp Curtin @ Woodbine St Far East Tree Box	1
83803	SC - Surface Maintenance	6/21/2024	Camp Curtin @ Woodbine St Middle East Tree Box	1
83804	SC - Surface Maintenance	6/21/2024	Camp Curtin @ Woodbine St Middle West Tree Box	1
83802	SC - Surface Maintenance	6/21/2024	Camp Curtin @ Woodbine St Far West Tree Box	1
83785	SC - Surface Maintenance	6/21/2024	Camp Curtin @ 6th Street Far North Tree Box	1
83787	SC - Surface Maintenance	6/21/2024	Camp Curtin @ 6th Street Middle North Tree Box	1
83788	SC - Surface Maintenance	6/21/2024	Camp Curtin @ 6th Street Middle South Tree Box	1
83786	SC - Surface Maintenance	6/21/2024	Camp Curtin @ 6th Street Far South Tree Box	1
83789	SC - Surface Maintenance	6/21/2024	Camp Curtin @ 6th Street Planter Bump out SCM (6th and Forrest)	1
83793	SC - Surface Maintenance	6/21/2024	Camp Curtin @ Forrest St Far West Tree Box	1
83794	SC - Surface Maintenance	6/21/2024	Camp Curtin @ Forrest St Middle Tree Box Assoc with Trench SCM	1
83792	SC - Surface Maintenance	6/21/2024	Camp Curtin @ Forrest St Far East Tree Box Assoc with Trench SCM	1
83799	SC - Surface Maintenance	6/21/2024	Camp Curtin @ Rear Y Parking South SCM Planter	1
83800	SC - Surface Maintenance	6/21/2024	Camp Curtin @ Rear Y Parking South SCM Planter Tray	1
83797	SC - Surface Maintenance	6/21/2024	Camp Curtin @ Rear Y Parking Middle SCM Planter	1
83796	SC - Surface Maintenance	6/21/2024	Camp Curtin @ Rear Y Parking Middle SCM Living Wall	1
83798	SC - Surface Maintenance	6/21/2024	Camp Curtin @ Rear Y Parking North Middle Stormwater Planter	1
83795	SC - Surface Maintenance	6/21/2024	Camp Curtin @ Rear Y Parking Far North Stormwater Planter	1
83755	SC - Surface Maintenance	6/21/2024	4th and Dauphin Park @ 4th St (south of the 4th St rain garden SCM-000052)	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
83782	SC - Surface Maintenance	6/21/2024	4th and Dauphin Park @ across 4th St and North of Dauphin St (large pavement)	1
83781	SC - Surface Maintenance	6/21/2024	4th and Dauphin Park @ Fulton St towards Kelker St	1
83754	SC - Surface Maintenance	6/21/2024	4th and Dauphin Park @ 4th St (NW corner of playground)	1
83780	SC - Surface Maintenance	6/21/2024	4th and Dauphin Park @ Dauphin and Fulton (SE Corner above SCM 50)	1
83843	SC - Surface Maintenance	6/24/2024	Summit Terrace @ Bailey and 13th (SCM on 13th)	1
83844	SC - Surface Maintenance	6/24/2024	Summit Terrace @ Bailey and Smith (S-SW of Smith)	1
83784	SC - Surface Maintenance	6/24/2024	Bellevue Park Ponds @ Upper Pond (Willow) SCM	1
83783	SC - Surface Maintenance	6/24/2024	Bellevue Park Ponds @ Lower Pond (Spruce) SCM	1
83836	SC - Surface Maintenance	6/29/2024	3rd St @ Blackberry and 3rd (NW)	1
83833	SC - Surface Maintenance	6/29/2024	3rd St @ Union and 3rd (SE midblock)	1
83832	SC - Surface Maintenance	6/29/2024	3rd St @ Union and 3rd (NE Midblock)	1
83828	SC - Surface Maintenance	6/29/2024	Penn and Sayford @ South SCM on Penn	1
83829	SC - Surface Maintenance	6/29/2024	Penn and Sayford @ North SCM on Penn	1
83842	SC - Surface Maintenance	6/29/2024	3rd St @ Sayford and 3rd (SE on 3rd)	1
83840	SC - Surface Maintenance	6/29/2024	3rd St @ Basin and 3rd (West Mid-block on 3rd)	1
83839	SC - Surface Maintenance	6/29/2024	3rd St @ Hamilton and 3rd (NE on Hamilton)	1
83838	SC - Surface Maintenance	6/29/2024	3rd St @ Muench and 3rd (SE on 3rd)	1
83825	SC - Surface Maintenance	6/29/2024	3rd St @ Muench and 3rd (SE on Muench)	1
83824	SC - Surface Maintenance	6/29/2024	3rd St @ Muench and 3rd (NE on Muench)	1
83837	SC - Surface Maintenance	6/29/2024	3rd St @ Boas and 3rd (SE Corner on Boas)	1
83835	SC - Surface Maintenance	6/29/2024	3rd St @ Boas and 3rd (NE Corner on Boas)	1
83834	SC - Surface Maintenance	6/29/2024	3rd St @ Boas and 3rd (SW Corner on Boas)	1
83818	SC - Surface Maintenance	6/29/2024	So Allison Hill Business Dist @ S 15th and Derry - SCM NW on 15th	1
83820	SC - Surface Maintenance	6/29/2024	So Allison Hill Business Dist @ 15th and Derry - SCM north side of Derry West of 15th	1
83821	SC - Surface Maintenance	6/29/2024	So Allison Hill Business Dist @ Kittatinny and Derry - SCM East of Kittatinny	1
83822	SC - Surface Maintenance	6/29/2024	So Allison Hill Business Dist @ Kittatinny and Derry - SCM West of Kittatinny	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
83823	SC - Surface Maintenance	6/29/2024	So Allison Hill Business Dist @ S 14th and Derry - SCM SE on 14th	1
83831	SC - Surface Maintenance	6/29/2024	So Allison Hill Business Dist @ 14th and Derry - SCM NE on 14th	1
83830	SC - Surface Maintenance	6/29/2024	So Allison Hill Business Dist @ 14th and Derry - SCM NW on 14th	1
83819	SC - Surface Maintenance	6/29/2024	Royal Ter. Playground @ (N of King -inside SCM from SCM-3)	1
83816	SC - Surface Maintenance	6/29/2024	Cloverly Heights @ Lowell and Rolleston (SCM on Lowell)	1
83817	SC - Surface Maintenance	6/29/2024	Cloverly Heights @ Pemberton and 18th (SE)	1
83841	SC - Surface Maintenance	6/29/2024	3rd St @ Calder and 3rd (NE Corner on Calder)	1
83826	SC - Surface Maintenance	6/29/2024	3rd St @ Calder and 3rd (SW Corner on 3rd)	1
83827	SC - Surface Maintenance	6/29/2024	3rd St @ Calder and 3rd (NW Corner on Calder)	1
82463	SC - Vactor SC Structure	5/30/2024	intersection of Jefferson and Woodbine	6
84132	SC - Vactor SC Structure	6/12/2024	13TH & BAILEY ST	2
84129	SC - Vactor SC Structure	6/12/2024	BAILEY & SUMMIT ST	2
84131	SC - Vactor SC Structure	6/12/2024	BAILEY & BALM ST	3
84135	SC - Vactor SC Structure	6/13/2024	PEMBERTON ST	1
84133	SC - Vactor SC Structure	6/13/2024	18TH & PEMBERTON ST	5
84134	SC - Vactor SC Structure	6/13/2024	PEMBERTON ST	1
84137	SC - Vactor SC Structure	6/13/2024	ROLLESTON & PEMBERTON ST	7
65362	Street Restoration Storm Pipe	5/15/2024	Muench and 5th	1
65364	Street Restoration Storm Pipe	5/15/2024	Muench and 5th	1
80683	Surface Clean Inlet	1/29/2024	16th Paxton Street (Railroad Barscreen)	1
81677	Surface Clean Inlet	3/12/2024	RR Bar Screen	1
47512	Surface Clean Inlet	3/28/2024	16th and paxton Street	1
82041	Surface Clean Inlet	4/8/2024	16th and paxton Street	1
81439	Update GIS	3/4/2024	2627 Duke St, Harrisburg, Pennsylvania, 17111	1
82245	Update GIS	5/1/2024		2
82247	Update GIS	5/1/2024		2
82557	Update GIS	5/1/2024	1346 S. 19th Street	1
82394	Update GIS	5/2/2024	927 Melrose St	2
82243	Update GIS	5/2/2024	Industrial Rd and Cameron St Storm Inlets	31
82246	Update GIS	5/2/2024		1
81505	Update GIS	5/6/2024	2312.5 Luce Street	20
81559	Update GIS	5/6/2024	HBG Cemetery	3
83009	Update GIS	5/16/2024	901 N 12TH ST	1
81899	Update GIS	6/11/2024	3028 N. 2nd Street	1
80636	Vactor Inlet	1/8/2024	1720 Berryhill St, Harrisburg, Pennsylvania, 17104	2
80677	Vactor Inlet	2/1/2024	12th & Walnut	1

WORKORDERID	DESCRIPTION	ACTUALFINISHDATE	WOADDRESS	TOTAL ASSETS
81253	Vactor Inlet	2/23/2024	205 S Front St, Harrisburg, Pennsylvania, 17104	1
81826	Vactor Inlet	3/12/2024	Brookwood & Davis St	2
82190	Vactor Inlet	4/5/2024	Maclay St & N 3rd St, Harrisburg, Pennsylvania, 17110	3
82637	Vactor Inlet	4/8/2024	2401 N 3rd St, Harrisburg, Pennsylvania, 17110	3
83329	Vactor Inlet	5/31/2024	North St & N Front St, Harrisburg, Pennsylvania, 17101	1
83702	Vactor Inlet	6/12/2024	1651 Elm St, Harrisburg, Pennsylvania, 17103	1
80358	Vactor Storm Manhole	1/9/2024	Cameron & Dauphin	1



Appendix K

APPENDIX K-2

PREVENTIVE MAINTENANCE REPORT

ENTITYUID	WORKORDERID	DESCRIPTION	STATUS	ACTUALFINISHDATE	COMMENTS
CSO-004	78296	Semi-Annual PM; CSO Type B	CLOSED	4/21/2024 10:00	
CSO-005	78297	Semi-Annual PM; CSO Type A	CLOSED	4/21/2024 11:00	
CSO-006	78110	Semi-Annual PM; CSO Type A	CLOSED	4/28/2024 9:00	
CSO-007	78112	Semi-Annual PM; CSO Type A	CLOSED	4/9/2024 10:00	
CSO-008	78463	Semi-Annual PM; CSO Type A	CLOSED	5/1/2024 14:30	Stone and debris coming into the bypass chamber. Removed bricks in the reg. chamber.
CSO-008	78463	Semi-Annual PM; CSO Type A	CLOSED	5/1/2024 14:30	We found a crack by the pipe in the bypass chamber. it looks like there is clear water coming through.
CSO-009	78166	Semi-Annual PM; CSO Type A	CLOSED	4/23/2024 12:00	steps need to be installed in the regulating chamber.
CSO-010	78299	Semi-Annual PM; CSO Type A	CLOSED	4/9/2024 11:00	
CSO-011	78376	Semi-Annual PM; CSO Type A	CLOSED	4/9/2024 12:00	
CSO-012	78411	Semi-Annual PM; CSO Type A	CLOSED	4/13/2024 9:00	
CSO-013	78452	Semi-Annual PM; CSO Type A	CLOSED	4/13/2024 10:00	
CSO-013	84002	Clean CSO Site	CLOSED	6/24/2024 12:15	
CSO-014	78409	Semi-Annual PM; CSO Type C	CLOSED	4/13/2024 11:00	
CSO-015	78453	Semi-Annual PM; CSO Type A	CLOSED	4/21/2024 12:00	There are steps in the middle of the wall by the bypass and the regulating chamber that are missing and should be replaced.
CSO-016	77941	Semi-Annual PM; CSO Type A	CLOSED	4/14/2024 12:00	
CSO-017	78464	Semi-Annual PM; CSO Type A	CLOSED	4/17/2024 12:00	
CSO-017	84005	Clean CSO Site	CLOSED	6/24/2024 13:00	
CSO-018	78427	Semi-Annual PM; CSO Type A	CLOSED	4/23/2024 14:00	
CSO-019	78428	Semi-Annual PM; CSO Type B	CLOSED	4/18/2024 14:00	

ENTITYUID	WORKORDERID	DESCRIPTION	STATUS	ACTUALFINISHDATE	COMMENTS
CSO-020	78863	Semi-Annual PM; CSO Type B	CLOSED	4/26/2024 9:00	
CSO-021	78152	Semi-Annual PM; CSO Type A	CLOSED	4/23/2024 10:00	No entry's were made in both the regulating and float chambers because of bad gas readings.
CSO-022	78867	Semi-Annual PM; CSO Type B	CLOSED	4/26/2024 12:00	
CSO-023	77944	Semi-Annual PM; CSO Type C	CLOSED	4/11/2024 12:59	
CSO-023	83974	Clean CSO Site	CLOSED	6/23/2024 10:30	
CSO-024	78057	Semi-Annual PM; CSO Type C	CLOSED	4/11/2024 13:34	
CSO-025	78058	Semi-Annual PM; CSO Type A	CLOSED	4/28/2024 11:00	
CSO-025	83977	Clean CSO Site	CLOSED	6/23/2024 10:00	
CSO-026	78059	Semi-Annual PM; CSO Type B	CLOSED	4/28/2024 13:00	
CSO-026	83976	Clean CSO Site	CLOSED	6/23/2024 10:00	
CSO-027	78036	Semi-Annual PM; CSO Type B	CLOSED	4/11/2024 13:26	
CSO-028	78037	Semi-Annual PM; CSO Type A	CLOSED	4/14/2024 11:00	
CSO-029	77946	Semi-Annual PM; CSO Type A	CLOSED	4/11/2024 13:05	
CSO-030	78035	Semi-Annual PM; CSO Type A	CLOSED	4/11/2024 13:15	
CSO-031	78064	Semi-Annual PM; CSO Type A	CLOSED	4/29/2024 14:00	
CSO-032	78034	Semi-Annual PM; CSO Type B	CLOSED	4/10/2024 12:30	
CSO-033	78002	Semi-Annual PM; CSO Type B	CLOSED	4/10/2024 11:30	
CSO-034	78466	Semi-Annual PM; CSO Type A	CLOSED	4/28/2024 10:00	
CSO-037	78150	Semi-Annual PM; CSO Type A	CLOSED	4/10/2024 10:00	
CSO-038	77973	Semi-Annual PM; CSO Type A	CLOSED	4/10/2024 9:00	
CSO-039	77963	Semi-Annual PM; CSO Type A	CLOSED	3/22/2024 11:00	
CSO-040	78081	Semi-Annual PM; CSO Type B	CLOSED	3/22/2024 9:00	

ENTITYUID	WORKORDERID	DESCRIPTION	STATUS	ACTUALFINISHDATE	COMMENTS
CSO-041	77964	Semi-Annual PM; CSO Type B	CLOSED	3/22/2024 12:00	
CSO-042	78456	Semi-Annual PM; CSO Type A	CLOSED	5/19/2024 9:00	
CSO-043	78457	Semi-Annual PM; CSO Type A	CLOSED	4/14/2024 10:00	
CSO-044	77966	Semi-Annual PM; CSO Type D	CLOSED	4/13/2024 12:00	
CSO-045	78911	Semi-Annual PM; CSO Type D	CLOSED	5/29/2024 13:00	
CSO-046	78912	Semi-Annual PM; CSO Type D	CLOSED	5/29/2024 10:00	
CSO-048	80029	Semi-Annual PM; CSO Type A	CLOSED	6/11/2024 12:00	
CSO-049	79399	Semi-Annual PM; CSO Type A	CLOSED	4/9/2024 9:00	
CSO-050	78375	Semi-Annual PM; CSO Type A	CLOSED	5/1/2024 13:00	
CSO-051	78426	Semi-Annual PM; CSO Type A	CLOSED	5/2/2024 10:00	
CSO-052	78451	Semi-Annual PM; CSO Type A	CLOSED	4/14/2024 13:00	
CSO-052	84004	Clean CSO Site	CLOSED	6/25/2024 12:30	
CSO-053	78374	Semi-Annual PM; CSO Type A	CLOSED	4/17/2024 9:00	
CSO-054	78392	Semi-Annual PM; CSO Type A	CLOSED	4/17/2024 10:00	
CSO-055	78394	Semi-Annual PM; CSO Type A	CLOSED	4/17/2024 11:00	Replaced rope and block in the bypass chamber.
CSO-056	78391	Semi-Annual PM; CSO Type A	CLOSED	4/17/2024 12:00	
CSO-057	78465	Semi-Annual PM; CSO Type A	CLOSED	4/21/2024 9:00	
CSO-058	78865	Semi-Annual PM; CSO Type B	CLOSED	4/26/2024 10:00	
CSO-059	77948	Semi-Annual PM; CSO Type D	CLOSED	4/26/2024 10:30	
CSO-060	77972	Semi-Annual PM; CSO Type C	CLOSED	3/21/2024 11:00	no grease fittings in regulating chamber
CSO-061	78151	Semi-Annual PM; CSO Type C	CLOSED	4/21/2024 8:00	
CSO-062	77976	Semi-Annual PM; CSO Type C	CLOSED	4/13/2024 12:00	

ENTITYUID	WORKORDERID	DESCRIPTION	STATUS	ACTUALFINISHDATE	COMMENTS
CSO-063	77977	Semi-Annual PM; CSO Type C	CLOSED	3/21/2024 11:00	No grease fittings in the regulating chamber.
CSO-064	77978	Semi-Annual PM; CSO Type C	CLOSED	3/21/2024 9:00	No grease fittings in the regulator chamber.

APPENDIX K-3

COMBINED SEWER OVERFLOW REPORT

APPENDIX K-3A

COMBINED SEWER OVERFLOW REPORT BY OUTFALLS
FIELD OBSERVATIONS

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - Field Observations
01/01/2024 - 06/30/2024

Inspection Id	Inspection Type	Date Inspected	Work Order #	Comments	Cause
CSO-004 (FRONT & VAUGHN)					
230639	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230881	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
232043	Daily CSO Site Inspection	01/28/2024	80654	Wooden Block	Rain
231905	Daily CSO Default 3-4	01/29/2024	80660	Wooden Block	Rain
234296	Daily CSO Default 3-4	03/02/2024	81446	Wooden Block	Rain
234877	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
237915	Daily CSO Default 3-4	03/28/2024	82016	Wooden Block	Rain
238143	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242163	Daily CSO Site Inspection	04/02/2024	82057	Wooden Block	Rain
242224	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242304	Daily CSO Default 7 Inflow	04/04/2024	82087	Wooden Block	Inflow from Creek/River
242342	Daily CSO Default 7 Inflow	04/05/2024	82113	Wooden Block	Inflow from Creek/River
242438	Daily CSO Default 7 Inflow	04/06/2024	82127	Wooden Block	Inflow from Creek/River
243130	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243221	Daily CSO Default 3-4	04/13/2024	82266	Wooden Block	Rain
244313	Daily CSO Default 3-4	04/28/2024	82597	Wooden Block	Rain
244775	Daily CSO Site Inspection	05/05/2024	82708	Wooden Block	Rain
244797	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245017	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245804	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246860	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246974	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247816	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249478	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-005 (FRONT & LEWIS)					
230643	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230884	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231664	Daily CSO Default 3-4	01/25/2024	80608	Wooden Block	Rain
232044	Daily CSO Site Inspection	01/28/2024	80654	Wooden Block	Rain
231896	Daily CSO Default 7 Inflow	01/29/2024	80660	Wooden Block	Inflow from Creek/River
231986	Daily CSO Default 7 Inflow	01/30/2024	80669	Wooden Block	Inflow from Creek/River
232977	Daily CSO Default 3-4	02/13/2024	80970	Wooden Block	Rain
233057	Daily CSO Default 3-4	02/14/2024	80987	Wooden Block	Rain
234056	Daily CSO Default 3-4	02/28/2024	81342	Wooden Block	Rain
234147	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234367	Daily CSO Default 3-4	03/03/2024	81463	Wooden Block	Rain
234506	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234465	Daily CSO Site Inspection	03/05/2024	81479	Wooden Block	Rain
234577	Daily CSO Default 3-4	03/06/2024	81499	Wooden Block	Rain
234654	Daily CSO Default 3-4	03/07/2024	81547	Wooden Block	Rain
234881	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
237659	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain
238100	Daily CSO Default 3-4	03/31/2024	82049	Wooden Block	Rain
238144	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242164	Daily CSO Site Inspection	04/02/2024	82057	Wooden Block	Rain
242225	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242307	Daily CSO Default 7 Inflow	04/04/2024	82087	Wooden Block	Inflow from Creek/River
242344	Daily CSO Default 7 Inflow	04/05/2024	82113	Wooden Block	Inflow from Creek/River
242440	Daily CSO Default 7 Inflow	04/06/2024	82127	Wooden Block	Inflow from Creek/River
243134	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243327	Daily CSO Default 3-4	04/15/2024	82287	Wooden Block	Rain
244761	Daily CSO Default 3-4	05/05/2024	82708	Wooden Block	Rain
244799	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245020	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245655	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245816	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246002	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246863	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246976	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247827	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249002	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249298	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249482	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-006 (FRONT & GEIGER)					
230653	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230697	Daily CSO Default 7 Inflow	01/11/2024	80361	Wooden Block	Inflow from Creek/River
230777	Daily CSO Default 7 Inflow	01/12/2024	80394	Wooden Block	Inflow from Creek/River
230904	Daily CSO Default 7 Inflow	01/13/2024	80423	Wooden Block	Inflow from Creek/River
230931	Daily CSO Default 7 Inflow	01/14/2024	80453	Wooden Block	Inflow from Creek/River
231000	Daily CSO Default 7 Inflow	01/15/2024	80454	Wooden Block	Inflow from Creek/River

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232046	Daily CSO Site Inspection	01/28/2024	80654	Wooden Block	Rain
231897	Daily CSO Default 7 Inflow	01/29/2024	80660	Wooden Block	Inflow from Creek/River
231987	Daily CSO Default 7 Inflow	01/30/2024	80669	Wooden Block	Inflow from Creek/River
232111	Daily CSO Default 7 Inflow	01/31/2024	80698	Wooden Block	Inflow from Creek/River
232139	Daily CSO Default 7 Inflow	02/01/2024	80718	Wooden Block	Inflow from Creek/River
232980	Daily CSO Default 3-4	02/13/2024	80970	Wooden Block	Rain
234156	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234298	Daily CSO Default 3-4	03/02/2024	81446	Wooden Block	Rain
234371	Daily CSO Default 3-4	03/03/2024	81463	Wooden Block	Rain
234888	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
234899	Daily CSO Default 7 Inflow	03/11/2024	81630	Wooden Block	Inflow from Creek/River
234978	Daily CSO Default 7 Inflow	03/12/2024	81648	Wooden Block	Inflow from Creek/River
235148	Daily CSO Default 7 Inflow	03/13/2024	81673	Wooden Block	Inflow from Creek/River
235250	Daily CSO Default 3-4	03/15/2024	81815	Wooden Block	Rain
237665	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain
238148	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242167	Daily CSO Site Inspection	04/02/2024	82057	Wooden Block	Rain
242218	Daily CSO Default 3-4	04/03/2024	82071	Wooden Block	Rain
242310	Daily CSO Default 7 Inflow	04/04/2024	82087	Wooden Block	Inflow from Creek/River
242351	Daily CSO Default 7 Inflow	04/05/2024	82113	Wooden Block	Inflow from Creek/River
242445	Daily CSO Default 7 Inflow	04/06/2024	82127	Wooden Block	Inflow from Creek/River
242483	Daily CSO Default 7 Inflow	04/07/2024	82145	Wooden Block	Inflow from Creek/River
242586	Daily CSO Default 7 Inflow	04/08/2024	82151	Wooden Block	Inflow from Creek/River
243140	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243284	Daily CSO Default 7 Inflow	04/14/2024	82277	Wooden Block	Inflow from Creek/River
243315	Daily CSO Default 7 Inflow	04/15/2024	82287	Wooden Block	Inflow from Creek/River
243408	Daily CSO Default 7 Inflow	04/16/2024	82300	Wooden Block	Inflow from Creek/River
244806	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245028	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245659	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245819	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246008	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246872	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246982	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247830	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249007	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249307	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249491	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-007 (FRONT & PEPPER)					
230656	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230698	Daily CSO Default 7 Inflow	01/11/2024	80361	Wooden Block	Inflow from Creek/River
230778	Daily CSO Default 7 Inflow	01/12/2024	80394	Wooden Block	Inflow from Creek/River
230892	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
232047	Daily CSO Site Inspection	01/28/2024	80654	Wooden Block	Rain
231898	Daily CSO Default 7 Inflow	01/29/2024	80660	Wooden Block	Inflow from Creek/River
231988	Daily CSO Default 7 Inflow	01/30/2024	80669	Wooden Block	Inflow from Creek/River
232112	Daily CSO Default 7 Inflow	01/31/2024	80698	Wooden Block	Inflow from Creek/River
234158	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234299	Daily CSO Default 3-4	03/02/2024	81446	Wooden Block	Rain
234890	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
234900	Daily CSO Default 7 Inflow	03/11/2024	81630	Wooden Block	Inflow from Creek/River
234979	Daily CSO Default 7 Inflow	03/12/2024	81648	Wooden Block	Inflow from Creek/River
237596	Daily CSO Default 3-4	03/23/2024	81941	Wooden Block	Rain
237916	Daily CSO Default 3-4	03/28/2024	82016	Wooden Block	Rain
238139	Daily CSO Default 3-4	04/01/2024	82052	Wooden Block	Rain
242170	Daily CSO Default 3-4	04/02/2024	82057	Wooden Block	Rain
242219	Daily CSO Default 3-4	04/03/2024	82071	Wooden Block	Rain
242311	Daily CSO Default 7 Inflow	04/04/2024	82087	Wooden Block	Inflow from Creek/River
242353	Daily CSO Default 7 Inflow	04/05/2024	82113	Wooden Block	Inflow from Creek/River
242447	Daily CSO Default 7 Inflow	04/06/2024	82127	Wooden Block	Inflow from Creek/River
242484	Daily CSO Default 7 Inflow	04/07/2024	82145	Wooden Block	Inflow from Creek/River
243141	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243223	Daily CSO Default 3-4	04/13/2024	82266	Wooden Block	Rain
243329	Daily CSO Default 3-4	04/15/2024	82287	Wooden Block	Rain
244808	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245661	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245742	Daily CSO Default 3-4	05/11/2024	82831	Wooden Block	Rain
245820	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246010	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246120	Daily CSO Default 3-4	05/16/2024	82988	Wooden Block	Rain
246875	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain

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246997	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247831	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249009	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249310	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249494	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-008 (FRONT & MUENCH)					
230658	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230779	Daily CSO Default 7 Inflow	01/12/2024	80394	Wooden Block	Inflow from Creek/River
230905	Daily CSO Default 7 Inflow	01/13/2024	80423	Wooden Block	Inflow from Creek/River
230932	Daily CSO Default 7 Inflow	01/14/2024	80453	Wooden Block	Inflow from Creek/River
231001	Daily CSO Default 7 Inflow	01/15/2024	80454	Wooden Block	Inflow from Creek/River
232048	Daily CSO Site Inspection	01/28/2024	80654	Wooden Block	Rain
231899	Daily CSO Default 7 Inflow	01/29/2024	80660	Wooden Block	Inflow from Creek/River
231989	Daily CSO Default 7 Inflow	01/30/2024	80669	Wooden Block	Inflow from Creek/River
232113	Daily CSO Default 7 Inflow	01/31/2024	80698	Wooden Block	Inflow from Creek/River
234160	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234372	Daily CSO Default 3-4	03/03/2024	81463	Wooden Block	Rain
234509	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234467	Daily CSO Site Inspection	03/05/2024	81479	Wooden Block	Rain
234582	Daily CSO Default 3-4	03/06/2024	81499	Wooden Block	Rain
234892	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
234980	Daily CSO Default 7 Inflow	03/12/2024	81648	Wooden Block	Inflow from Creek/River
235149	Daily CSO Default 7 Inflow	03/13/2024	81673	Wooden Block	Inflow from Creek/River
237667	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain
238150	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242168	Daily CSO Site Inspection	04/02/2024	82057	Wooden Block	Rain
242229	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242312	Daily CSO Default 7 Inflow	04/04/2024	82087	Wooden Block	Inflow from Creek/River
242354	Daily CSO Default 7 Inflow	04/05/2024	82113	Wooden Block	Inflow from Creek/River
242448	Daily CSO Default 7 Inflow	04/06/2024	82127	Wooden Block	Inflow from Creek/River
242485	Daily CSO Default 7 Inflow	04/07/2024	82145	Wooden Block	Inflow from Creek/River
242613	Daily CSO Default 7 Inflow	04/08/2024	82151	Wooden Block	Inflow from Creek/River
243142	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243285	Daily CSO Default 7 Inflow	04/14/2024	82277	Wooden Block	Inflow from Creek/River
243316	Daily CSO Default 7 Inflow	04/15/2024	82287	Wooden Block	Inflow from Creek/River
243773	Daily CSO Default 3-4	04/20/2024	82435	Wooden Block	Rain
244778	Daily CSO Site Inspection	05/05/2024	82708	Wooden Block	Rain
244809	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245009	Daily CSO Site Inspection	05/08/2024	82736	Wooden Block	Rain
245676	Daily CSO Site Inspection	05/10/2024	82794	Wooden Block	Rain
245743	Daily CSO Default 3-4	05/11/2024	82831	Wooden Block	Rain
245821	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246012	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246121	Daily CSO Default 3-4	05/16/2024	82988	Wooden Block	Rain
246301	Daily CSO Default 3-4	05/19/2024	83057	Wooden Block	Rain
246884	Daily CSO Site Inspection	05/26/2024	83151	Wooden Block	Rain
247156	Daily CSO Site Inspection	05/28/2024	83158	Wooden Block	Rain
247840	Daily CSO Site Inspection	06/06/2024	83386	Wooden Block	Rain
249011	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249312	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249496	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-009 (FRONT & HAMILTON)					
230660	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230894	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231238	Daily CSO Default 7 Inflow	01/19/2024	80544	Wooden Block	Inflow from Creek/River
231665	Daily CSO Default 3-4	01/25/2024	80608	Wooden Block	Rain
231694	Daily CSO Default 3-4	01/26/2024	80633	Wooden Block	Rain
232049	Daily CSO Site Inspection	01/28/2024	80654	Wooden Block	Rain
231906	Daily CSO Default 3-4	01/29/2024	80660	Wooden Block	Rain
232982	Daily CSO Default 3-4	02/13/2024	80970	Wooden Block	Rain
234057	Daily CSO Default 3-4	02/28/2024	81342	Wooden Block	Rain
234162	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234374	Daily CSO Default 3-4	03/03/2024	81463	Wooden Block	Rain
234525	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234445	Daily CSO Default 3-4	03/05/2024	81479	Wooden Block	Rain
234583	Daily CSO Default 3-4	03/06/2024	81499	Wooden Block	Rain
234656	Daily CSO Default 3-4	03/07/2024	81547	Wooden Block	Rain
234894	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
234901	Daily CSO Default 7 Inflow	03/11/2024	81630	Wooden Block	Inflow from Creek/River
237597	Daily CSO Default 3-4	03/23/2024	81941	Wooden Block	Rain
237669	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain

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238101	Daily CSO Default 3-4	03/31/2024	82049	Wooden Block	Rain
238140	Daily CSO Default 3-4	04/01/2024	82052	Wooden Block	Rain
242172	Daily CSO Default 3-4	04/02/2024	82057	Wooden Block	Rain
242231	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242313	Daily CSO Default 7 Inflow	04/04/2024	82087	Wooden Block	Inflow from Creek/River
242355	Daily CSO Default 7 Inflow	04/05/2024	82113	Wooden Block	Inflow from Creek/River
242449	Daily CSO Default 7 Inflow	04/06/2024	82127	Wooden Block	Inflow from Creek/River
242486	Daily CSO Default 7 Inflow	04/07/2024	82145	Wooden Block	Inflow from Creek/River
243143	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243224	Daily CSO Default 3-4	04/13/2024	82266	Wooden Block	Rain
243331	Daily CSO Default 3-4	04/15/2024	82287	Wooden Block	Rain
244780	Daily CSO Site Inspection	05/05/2024	82708	Wooden Block	Rain
244812	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245030	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245663	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245822	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
245909	Daily CSO Default 3-4	05/13/2024	82916	Wooden Block	Rain
246014	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246877	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246984	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247832	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249013	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249314	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249498	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-010 (FRONT & REILY)					
230663	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230896	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231666	Daily CSO Default 3-4	01/25/2024	80608	Wooden Block	Rain
231885	Daily CSO Default 3-4	01/28/2024	80654	Wooden Block	Rain
232983	Daily CSO Default 3-4	02/13/2024	80970	Wooden Block	Rain
234164	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234376	Daily CSO Default 3-4	03/03/2024	81463	Wooden Block	Rain
234528	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234468	Daily CSO Site Inspection	03/05/2024	81479	Wooden Block	Rain
234584	Daily CSO Default 3-4	03/06/2024	81499	Wooden Block	Rain
234657	Daily CSO Default 3-4	03/07/2024	81547	Wooden Block	Rain
234896	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
237671	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain
238141	Daily CSO Default 3-4	04/01/2024	82052	Wooden Block	Rain
242174	Daily CSO Default 3-4	04/02/2024	82057	Wooden Block	Rain
242233	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242314	Daily CSO Default 7 Inflow	04/04/2024	82087	Wooden Block	Inflow from Creek/River
242356	Daily CSO Default 7 Inflow	04/05/2024	82113	Wooden Block	Inflow from Creek/River
242450	Daily CSO Default 7 Inflow	04/06/2024	82127	Wooden Block	Inflow from Creek/River
243144	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243333	Daily CSO Default 3-4	04/15/2024	82287	Wooden Block	Rain
243621	Daily CSO Default 3-4	04/18/2024	82333	Wooden Block	Rain
244781	Daily CSO Site Inspection	05/05/2024	82708	Wooden Block	Rain
245032	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245665	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245823	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
245910	Daily CSO Default 3-4	05/13/2024	82916	Wooden Block	Rain
246016	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246879	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246986	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247833	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249316	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249500	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-011 (FRONT & CALDER)					
230664	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230898	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231887	Daily CSO Default 3-4	01/28/2024	80654	Wooden Block	Rain
231907	Daily CSO Default 3-4	01/29/2024	80660	Wooden Block	Rain
232984	Daily CSO Default 3-4	02/13/2024	80970	Wooden Block	Rain
234166	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234530	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234897	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
238152	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242176	Daily CSO Default 3-4	04/02/2024	82057	Wooden Block	Rain
242235	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242318	Daily CSO Default 3-4	04/04/2024	82087	Wooden Block	Rain

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243145	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
244782	Daily CSO Site Inspection	05/05/2024	82708	Wooden Block	Rain
245034	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245666	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245824	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246018	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246881	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
249015	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249318	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249502	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-012 (FRONT & VERBEKE)					
230640	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230901	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231667	Daily CSO Default 3-4	01/25/2024	80608	Wooden Block	Rain
231888	Daily CSO Default 3-4	01/28/2024	80654	Wooden Block	Rain
232985	Daily CSO Default 3-4	02/13/2024	80970	Wooden Block	Rain
233058	Daily CSO Default 3-4	02/14/2024	80987	Wooden Block	Rain
234058	Daily CSO Default 3-4	02/28/2024	81342	Wooden Block	Rain
234168	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234531	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234878	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
237672	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain
237917	Daily CSO Default 3-4	03/28/2024	82016	Wooden Block	Rain
238102	Daily CSO Default 3-4	03/31/2024	82049	Wooden Block	Rain
238154	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242178	Daily CSO Default 3-4	04/02/2024	82057	Wooden Block	Rain
242237	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242319	Daily CSO Default 3-4	04/04/2024	82087	Wooden Block	Rain
243131	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243335	Daily CSO Default 3-4	04/15/2024	82287	Wooden Block	Rain
243622	Daily CSO Default 3-4	04/18/2024	82333	Wooden Block	Rain
244783	Daily CSO Site Inspection	05/05/2024	82708	Wooden Block	Rain
244813	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245036	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245668	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245803	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246020	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246122	Daily CSO Default 3-4	05/16/2024	82988	Wooden Block	Rain
246644	Daily CSO Default 3-4	05/23/2024	83095	Wooden Block	Rain
246883	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246988	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247834	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249017	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249320	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249479	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-013 (FRONT & CUMBERLAND)					
230642	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230699	Daily CSO Default 7 Inflow	01/11/2024	80361	Wooden Block	Inflow from Creek/River
230780	Daily CSO Default 7 Inflow	01/12/2024	80394	Wooden Block	Inflow from Creek/River
230902	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
234059	Daily CSO Default 3-4	02/28/2024	81342	Wooden Block	Rain
234149	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234300	Daily CSO Default 3-4	03/02/2024	81446	Wooden Block	Rain
234377	Daily CSO Default 3-4	03/03/2024	81463	Wooden Block	Rain
234446	Daily CSO Default 3-4	03/05/2024	81479	Wooden Block	Rain
234585	Daily CSO Default 3-4	03/06/2024	81499	Wooden Block	Rain
234880	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
237673	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain
238156	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242180	Daily CSO Default 3-4	04/02/2024	82057	Wooden Block	Rain
242240	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242320	Daily CSO Default 3-4	04/04/2024	82087	Wooden Block	Rain
242357	Daily CSO Default 7 Inflow	04/05/2024	82113	Wooden Block	Inflow from Creek/River
242451	Daily CSO Default 7 Inflow	04/06/2024	82127	Wooden Block	Inflow from Creek/River
243146	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243225	Daily CSO Default 3-4	04/13/2024	82266	Wooden Block	Rain
243337	Daily CSO Default 3-4	04/15/2024	82287	Wooden Block	Rain
244784	Daily CSO Site Inspection	05/05/2024	82708	Wooden Block	Rain
244814	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245038	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245670	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain

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245744	Daily CSO Default 3-4	05/11/2024	82831	Wooden Block	Rain
245805	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246003	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246859	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246990	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247835	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249019	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249297	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249481	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-014 (FRONT & BOAS)					
230645	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230880	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
234152	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234533	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234883	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
238157	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242182	Daily CSO Default 3-4	04/02/2024	82057	Wooden Block	Rain
242242	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242321	Daily CSO Default 3-4	04/04/2024	82087	Wooden Block	Rain
242340	Daily CSO Default 3-4	04/05/2024	82113	Wooden Block	Rain
243147	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
244785	Daily CSO Site Inspection	05/05/2024	82708	Wooden Block	Rain
245018	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245673	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245745	Daily CSO Default 3-4	05/11/2024	82831	Wooden Block	Rain
245807	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
245911	Daily CSO Default 3-4	05/13/2024	82916	Wooden Block	Rain
246005	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246123	Daily CSO Default 3-4	05/16/2024	82988	Wooden Block	Rain
246862	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246992	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247815	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249021	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249299	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249484	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-015 (FRONT & FORSTER)					
230648	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230883	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231668	Daily CSO Default 3-4	01/25/2024	80608	Wooden Block	Rain
231889	Daily CSO Default 3-4	01/28/2024	80654	Wooden Block	Rain
231908	Daily CSO Default 3-4	01/29/2024	80660	Wooden Block	Rain
232986	Daily CSO Default 3-4	02/13/2024	80970	Wooden Block	Rain
233059	Daily CSO Default 3-4	02/14/2024	80987	Wooden Block	Rain
234155	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234378	Daily CSO Default 3-4	03/03/2024	81463	Wooden Block	Rain
234535	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234469	Daily CSO Site Inspection	03/05/2024	81479	Wooden Block	Rain
234586	Daily CSO Default 3-4	03/06/2024	81499	Wooden Block	Rain
234885	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
237674	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain
238158	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242183	Daily CSO Default 3-4	04/02/2024	82057	Wooden Block	Rain
242223	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242322	Daily CSO Default 3-4	04/04/2024	82087	Wooden Block	Rain
243148	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243338	Daily CSO Default 3-4	04/15/2024	82287	Wooden Block	Rain
243623	Daily CSO Default 3-4	04/18/2024	82333	Wooden Block	Rain
244786	Daily CSO Site Inspection	05/05/2024	82708	Wooden Block	Rain
244798	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245021	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245654	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245809	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246007	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246645	Daily CSO Default 3-4	05/23/2024	83095	Wooden Block	Rain
246864	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246942	Daily CSO Site Inspection	05/27/2024	83154	Wooden Block	Rain
247157	Daily CSO Site Inspection	05/28/2024	83158	Wooden Block	Rain
247818	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249003	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249302	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249487	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain

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CSO-016 (FRONT & LIBERTY)					
230651	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230887	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
234157	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234537	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
242184	Daily CSO Default 3-4	04/02/2024	82057	Wooden Block	Rain
242220	Daily CSO Default 3-4	04/03/2024	82071	Wooden Block	Rain
243149	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
245024	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
246867	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246975	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247819	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249006	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249305	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249490	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-017 (FRONT & MARKET)					
230654	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230891	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231890	Daily CSO Default 3-4	01/28/2024	80654	Wooden Block	Rain
234060	Daily CSO Default 3-4	02/28/2024	81342	Wooden Block	Rain
234159	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234379	Daily CSO Default 3-4	03/03/2024	81463	Wooden Block	Rain
234539	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234447	Daily CSO Default 3-4	03/05/2024	81479	Wooden Block	Rain
234587	Daily CSO Default 3-4	03/06/2024	81499	Wooden Block	Rain
234887	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
237598	Daily CSO Default 3-4	03/23/2024	81941	Wooden Block	Rain
237658	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain
238159	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242226	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242323	Daily CSO Default 3-4	04/04/2024	82087	Wooden Block	Rain
242343	Daily CSO Default 7 Inflow	04/05/2024	82113	Wooden Block	Inflow from Creek/River
243150	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243339	Daily CSO Default 3-4	04/15/2024	82287	Wooden Block	Rain
243624	Daily CSO Default 3-4	04/18/2024	82333	Wooden Block	Rain
244762	Daily CSO Default 3-4	05/05/2024	82708	Wooden Block	Rain
244800	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245027	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245656	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245810	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246009	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246870	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246977	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247820	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249008	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249308	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249493	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-018 (FRONT & MULBERRY)					
230657	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230700	Daily CSO Default 7 Inflow	01/11/2024	80361	Wooden Block	Inflow from Creek/River
230781	Daily CSO Default 7 Inflow	01/12/2024	80394	Wooden Block	Inflow from Creek/River
230893	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231669	Daily CSO Default 3-4	01/25/2024	80608	Wooden Block	Rain
231695	Daily CSO Default 3-4	01/26/2024	80633	Wooden Block	Rain
232050	Daily CSO Site Inspection	01/28/2024	80654	Wooden Block	Rain
231900	Daily CSO Default 7 Inflow	01/29/2024	80660	Wooden Block	Inflow from Creek/River
231990	Daily CSO Default 7 Inflow	01/30/2024	80669	Wooden Block	Inflow from Creek/River
232114	Daily CSO Default 7 Inflow	01/31/2024	80698	Wooden Block	Inflow from Creek/River
232987	Daily CSO Default 3-4	02/13/2024	80970	Wooden Block	Rain
233060	Daily CSO Default 3-4	02/14/2024	80987	Wooden Block	Rain
234061	Daily CSO Default 3-4	02/28/2024	81342	Wooden Block	Rain
234161	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234380	Daily CSO Default 3-4	03/03/2024	81463	Wooden Block	Rain
234540	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234470	Daily CSO Site Inspection	03/05/2024	81479	Wooden Block	Rain
234588	Daily CSO Default 3-4	03/06/2024	81499	Wooden Block	Rain
234658	Daily CSO Default 3-4	03/07/2024	81547	Wooden Block	Rain
234889	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
234902	Daily CSO Default 7 Inflow	03/11/2024	81630	Wooden Block	Inflow from Creek/River
234981	Daily CSO Default 7 Inflow	03/12/2024	81648	Wooden Block	Inflow from Creek/River
237599	Daily CSO Default 3-4	03/23/2024	81941	Wooden Block	Rain

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237660	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain
238103	Daily CSO Default 3-4	03/31/2024	82049	Wooden Block	Rain
238145	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242185	Daily CSO Default 3-4	04/02/2024	82057	Wooden Block	Rain
242228	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242315	Daily CSO Default 7 Inflow	04/04/2024	82087	Wooden Block	Inflow from Creek/River
242345	Daily CSO Default 7 Inflow	04/05/2024	82113	Wooden Block	Inflow from Creek/River
242437	Daily CSO Default 7 Inflow	04/06/2024	82127	Wooden Block	Inflow from Creek/River
242487	Daily CSO Default 7 Inflow	04/07/2024	82145	Wooden Block	Inflow from Creek/River
243151	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243340	Daily CSO Default 3-4	04/15/2024	82287	Wooden Block	Rain
244774	Daily CSO Site Inspection	05/05/2024	82708	Wooden Block	Rain
244802	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245029	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245811	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
245912	Daily CSO Default 3-4	05/13/2024	82916	Wooden Block	Rain
246873	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
247821	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249010	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249311	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249495	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-019 (FRONT & PAXTON)					
230659	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230895	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231901	Daily CSO Default 7 Inflow	01/29/2024	80660	Wooden Block	Inflow from Creek/River
231991	Daily CSO Default 7 Inflow	01/30/2024	80669	Wooden Block	Inflow from Creek/River
234541	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234903	Daily CSO Default 7 Inflow	03/11/2024	81630	Wooden Block	Inflow from Creek/River
234982	Daily CSO Default 7 Inflow	03/12/2024	81648	Wooden Block	Inflow from Creek/River
242230	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242316	Daily CSO Default 7 Inflow	04/04/2024	82087	Wooden Block	Inflow from Creek/River
242346	Daily CSO Default 7 Inflow	04/05/2024	82113	Wooden Block	Inflow from Creek/River
242439	Daily CSO Default 7 Inflow	04/06/2024	82127	Wooden Block	Inflow from Creek/River
242488	Daily CSO Default 7 Inflow	04/07/2024	82145	Wooden Block	Inflow from Creek/River
243152	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243286	Daily CSO Default 7 Inflow	04/14/2024	82277	Wooden Block	Inflow from Creek/River
245031	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245658	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
246876	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246979	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
249012	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249313	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249497	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-020 (FRONT & HANNA)					
230661	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230897	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231902	Daily CSO Default 7 Inflow	01/29/2024	80660	Wooden Block	Inflow from Creek/River
231992	Daily CSO Default 7 Inflow	01/30/2024	80669	Wooden Block	Inflow from Creek/River
232115	Daily CSO Default 7 Inflow	01/31/2024	80698	Wooden Block	Inflow from Creek/River
232140	Daily CSO Default 7 Inflow	02/01/2024	80718	Wooden Block	Inflow from Creek/River
234904	Daily CSO Default 7 Inflow	03/11/2024	81630	Wooden Block	Inflow from Creek/River
234983	Daily CSO Default 7 Inflow	03/12/2024	81648	Wooden Block	Inflow from Creek/River
235150	Daily CSO Default 7 Inflow	03/13/2024	81673	Wooden Block	Inflow from Creek/River
237662	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain
242232	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242305	Daily CSO Default 7 Inflow	04/04/2024	82087	Wooden Block	Inflow from Creek/River
242348	Daily CSO Default 7 Inflow	04/05/2024	82113	Wooden Block	Inflow from Creek/River
242441	Daily CSO Default 7 Inflow	04/06/2024	82127	Wooden Block	Inflow from Creek/River
242489	Daily CSO Default 7 Inflow	04/07/2024	82145	Wooden Block	Inflow from Creek/River
243287	Daily CSO Default 7 Inflow	04/14/2024	82277	Wooden Block	Inflow from Creek/River
243317	Daily CSO Default 7 Inflow	04/15/2024	82287	Wooden Block	Inflow from Creek/River
246878	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
CSO-021 (CAMERON & SCHUYLKILL)					
230515	Daily CSO Default 7 Inflow	01/08/2024	80303	Wooden Block	Inflow from Creek/River
230665	Daily CSO Default 7 Inflow	01/10/2024	80351	Wooden Block	Inflow from Creek/River
230849	Daily CSO Default 7 Inflow	01/13/2024	80431	Wooden Block	Inflow from Creek/River
230958	Daily CSO Default 7 Inflow	01/14/2024	80452	Wooden Block	Inflow from Creek/River
231633	Daily CSO Default 7 Inflow	01/25/2024	80616	Wooden Block	Inflow from Creek/River
231720	Daily CSO Default 7 Inflow	01/26/2024	80632	Wooden Block	Inflow from Creek/River
231752	Daily CSO Default 7 Inflow	01/27/2024	80645	Wooden Block	Inflow from Creek/River
232013	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain

CAPITAL REGION WATER
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Inspection Id	Inspection Type	Date Inspected	Work Order #	Comments	Cause
231928	Daily CSO Default 3-4	01/29/2024	80659	Wooden Block	Rain
232317	Daily CSO Default 7 Inflow	02/04/2024	80789	Wooden Block	Inflow from Creek/River
233011	Daily CSO Default 3-4	02/13/2024	80972	Wooden Block	Rain
233064	Daily CSO Default 3-4	02/14/2024	80991	Wooden Block	Rain
233248	Daily CSO Default 7 Inflow	02/15/2024	81011	Wooden Block	Inflow from Creek/River
233312	Daily CSO Default 7 Inflow	02/16/2024	81038	Wooden Block	Inflow from Creek/River
233344	Daily CSO Default 7 Inflow	02/17/2024	81065	Wooden Block	Inflow from Creek/River
233402	Daily CSO Default 7 Inflow	02/18/2024	81090	Wooden Block	Inflow from Creek/River
234100	Daily CSO Default 7 Inflow	02/28/2024	81343	Wooden Block	Inflow from Creek/River
234631	Daily CSO Default 3-4	02/29/2024	81370	Wooden Block	Rain
234265	Daily CSO Default 7 Inflow	03/02/2024	81447	Wooden Block	Inflow from Creek/River
234329	Daily CSO Default 3-4	03/03/2024	81462	Wooden Block	Rain
234473	Daily CSO Default 7 Inflow	03/05/2024	81477	Wooden Block	Inflow from Creek/River
234542	Daily CSO Default 7 Inflow	03/06/2024	81518	Wooden Block	Inflow from Creek/River
234721	Daily CSO Default 7 Inflow	03/08/2024	81581	Wooden Block	Inflow from Creek/River
234853	Daily CSO Default 3-4	03/10/2024	81627	Wooden Block	Rain
237559	Daily CSO Default 7 Inflow	03/23/2024	81940	Wooden Block	Inflow from Creek/River
238790	Daily CSO Default 7 Inflow	04/01/2024	82051	Wooden Block	Inflow from Creek/River
242133	Daily CSO Default 7 Inflow	04/02/2024	82059	Wooden Block	Inflow from Creek/River
242193	Daily CSO Default 7 Inflow	04/03/2024	82070	Wooden Block	Inflow from Creek/River
242273	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242358	Daily CSO Default 3-4	04/05/2024	82110	Wooden Block	Rain
242394	Daily CSO Default 7 Inflow	04/06/2024	82130	Wooden Block	Inflow from Creek/River
243170	Daily CSO Default 3-4	04/12/2024	82249	Wooden Block	Rain
243592	Daily CSO Default 3-4	04/18/2024	82332	Wooden Block	Rain
244281	Daily CSO Default 3-4	04/28/2024	82596	Wooden Block	Rain
244730	Daily CSO Default 7 Inflow	05/05/2024	82709	Wooden Block	Inflow from Creek/River
244822	Daily CSO Default 3-4	05/06/2024	82713	Wooden Block	Rain
245065	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
245690	Daily CSO Default 7 Inflow	05/10/2024	82792	Wooden Block	Inflow from Creek/River
245708	Daily CSO Default 3-4	05/11/2024	82833	Wooden Block	Rain
245767	Daily CSO Default 7 Inflow	05/12/2024	82912	Wooden Block	Inflow from Creek/River
245882	Daily CSO Default 3-4	05/13/2024	82915	Wooden Block	Rain
246064	Daily CSO Default 7 Inflow	05/15/2024	82963	Wooden Block	Inflow from Creek/River
246085	Daily CSO Default 3-4	05/16/2024	82992	Wooden Block	Rain
246830	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246957	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247783	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249026	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249268	Daily CSO Default 7 Inflow	06/27/2024	84033	Wooden Block	Inflow from Creek/River
249455	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-022 (FORREST & CAMERON)					
230168	Daily CSO Default 7 Inflow	01/03/2024	80198	Wooden Block	Inflow from Creek/River
230607	Daily CSO Default 7 Inflow	01/09/2024	80317	Wooden Block	Inflow from Creek/River
230668	Daily CSO Default 7 Inflow	01/10/2024	80351	Wooden Block	Inflow from Creek/River
230733	Daily CSO Default 7 Inflow	01/11/2024	80368	Wooden Block	Inflow from Creek/River
230784	Daily CSO Default 7 Inflow	01/12/2024	80398	Wooden Block	Inflow from Creek/River
230850	Daily CSO Default 7 Inflow	01/13/2024	80431	Wooden Block	Inflow from Creek/River
230959	Daily CSO Default 7 Inflow	01/14/2024	80452	Wooden Block	Inflow from Creek/River
230970	Daily CSO Default 7 Inflow	01/15/2024	80455	Wooden Block	Inflow from Creek/River
231030	Daily CSO Default 7 Inflow	01/16/2024	80460	Wooden Block	Inflow from Creek/River
231118	Daily CSO Default 7 Inflow	01/17/2024	80482	Wooden Block	Inflow from Creek/River
231269	Daily CSO Default 7 Inflow	01/19/2024	80543	Wooden Block	Inflow from Creek/River
231300	Daily CSO Default 7 Inflow	01/20/2024	80556	Wooden Block	Inflow from Creek/River
231358	Daily CSO Default 7 Inflow	01/21/2024	80569	Wooden Block	Inflow from Creek/River
231501	Daily CSO Default 7 Inflow	01/23/2024	80585	Wooden Block	Inflow from Creek/River
231568	Daily CSO Default 7 Inflow	01/24/2024	80598	Wooden Block	Inflow from Creek/River
231634	Daily CSO Default 7 Inflow	01/25/2024	80616	Wooden Block	Inflow from Creek/River
231721	Daily CSO Default 7 Inflow	01/26/2024	80632	Wooden Block	Inflow from Creek/River
232014	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
231923	Daily CSO Default 7 Inflow	01/29/2024	80659	Wooden Block	Inflow from Creek/River
231960	Daily CSO Default 7 Inflow	01/30/2024	80670	Wooden Block	Inflow from Creek/River
232051	Daily CSO Default 7 Inflow	01/31/2024	80697	Wooden Block	Inflow from Creek/River
232193	Daily CSO Default 7 Inflow	02/01/2024	80714	Wooden Block	Inflow from Creek/River
232228	Daily CSO Default 7 Inflow	02/02/2024	80751	Wooden Block	Inflow from Creek/River
232259	Daily CSO Default 7 Inflow	02/03/2024	80772	Wooden Block	Inflow from Creek/River
232318	Daily CSO Default 7 Inflow	02/04/2024	80789	Wooden Block	Inflow from Creek/River
232408	Daily CSO Default 7 Inflow	02/05/2024	80794	Wooden Block	Inflow from Creek/River
232466	Daily CSO Default 7 Inflow	02/06/2024	80813	Wooden Block	Inflow from Creek/River
232557	Daily CSO Default 7 Inflow	02/07/2024	80832	Wooden Block	Inflow from Creek/River
232642	Daily CSO Default 7 Inflow	02/08/2024	80879	Wooden Block	Inflow from Creek/River

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Combined Sewer Overflow Report by Outfalls - Field Observations
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Inspection Id	Inspection Type	Date Inspected	Work Order #	Comments	Cause
232710	Daily CSO Default 7 Inflow	02/09/2024	80909	Wooden Block	Inflow from Creek/River
232800	Daily CSO Default 7 Inflow	02/10/2024	80925	Wooden Block	Inflow from Creek/River
232858	Daily CSO Default 7 Inflow	02/11/2024	80933	Wooden Block	Inflow from Creek/River
232941	Daily CSO Default 7 Inflow	02/12/2024	80935	Wooden Block	Inflow from Creek/River
233004	Daily CSO Default 7 Inflow	02/13/2024	80972	Wooden Block	Inflow from Creek/River
233062	Daily CSO Default 7 Inflow	02/14/2024	80991	Wooden Block	Inflow from Creek/River
233249	Daily CSO Default 7 Inflow	02/15/2024	81011	Wooden Block	Inflow from Creek/River
233313	Daily CSO Default 7 Inflow	02/16/2024	81038	Wooden Block	Inflow from Creek/River
233345	Daily CSO Default 7 Inflow	02/17/2024	81065	Wooden Block	Inflow from Creek/River
233403	Daily CSO Default 7 Inflow	02/18/2024	81090	Wooden Block	Inflow from Creek/River
233524	Daily CSO Default 7 Inflow	02/20/2024	81097	Wooden Block	Inflow from Creek/River
233620	Daily CSO Default 7 Inflow	02/21/2024	81111	Wooden Block	Inflow from Creek/River
233749	Daily CSO Default 7 Inflow	02/23/2024	81214	Wooden Block	Inflow from Creek/River
233956	Daily CSO Default 7 Inflow	02/26/2024	81274	Wooden Block	Inflow from Creek/River
234185	Daily CSO Default 7 Inflow	02/29/2024	81370	Wooden Block	Inflow from Creek/River
234475	Daily CSO Default 7 Inflow	03/05/2024	81477	Wooden Block	Inflow from Creek/River
234543	Daily CSO Default 7 Inflow	03/06/2024	81518	Wooden Block	Inflow from Creek/River
234854	Daily CSO Default 3-4	03/10/2024	81627	Wooden Block	Rain
235049	Daily CSO Default 7 Inflow	03/12/2024	81649	Wooden Block	Inflow from Creek/River
235191	Daily CSO Default 7 Inflow	03/14/2024	81695	Wooden Block	Inflow from Creek/River
235324	Daily CSO Default 7 Inflow	03/15/2024	81814	Wooden Block	Inflow from Creek/River
235694	Daily CSO Default 7 Inflow	03/21/2024	81910	Wooden Block	Inflow from Creek/River
237560	Daily CSO Default 7 Inflow	03/23/2024	81940	Wooden Block	Inflow from Creek/River
237624	Daily CSO Default 7 Inflow	03/24/2024	81950	Wooden Block	Inflow from Creek/River
237677	Daily CSO Default 7 Inflow	03/25/2024	81952	Wooden Block	Inflow from Creek/River
237884	Daily CSO Default 7 Inflow	03/28/2024	82005	Wooden Block	Inflow from Creek/River
242134	Daily CSO Default 7 Inflow	04/02/2024	82059	Wooden Block	Inflow from Creek/River
242195	Daily CSO Default 7 Inflow	04/03/2024	82070	Wooden Block	Inflow from Creek/River
242276	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242366	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
242396	Daily CSO Default 7 Inflow	04/06/2024	82130	Wooden Block	Inflow from Creek/River
242460	Daily CSO Default 7 Inflow	04/07/2024	82144	Wooden Block	Inflow from Creek/River
242618	Daily CSO Default 7 Inflow	04/08/2024	82150	Wooden Block	Inflow from Creek/River
242650	Daily CSO Default 7 Inflow	04/09/2024	82193	Wooden Block	Inflow from Creek/River
242892	Daily CSO Default 7 Inflow	04/10/2024	82209	Wooden Block	Inflow from Creek/River
243065	Daily CSO Default 7 Inflow	04/11/2024	82233	Wooden Block	Inflow from Creek/River
243156	Daily CSO Default 7 Inflow	04/12/2024	82249	Wooden Block	Inflow from Creek/River
243191	Daily CSO Default 7 Inflow	04/13/2024	82270	Wooden Block	Inflow from Creek/River
243253	Daily CSO Default 7 Inflow	04/14/2024	82276	Wooden Block	Inflow from Creek/River
243342	Daily CSO Default 7 Inflow	04/15/2024	82286	Wooden Block	Inflow from Creek/River
243378	Daily CSO Default 7 Inflow	04/16/2024	82301	Wooden Block	Inflow from Creek/River
243590	Daily CSO Default 7 Inflow	04/18/2024	82332	Wooden Block	Inflow from Creek/River
243742	Daily CSO Default 7 Inflow	04/20/2024	82439	Wooden Block	Inflow from Creek/River
243858	Daily CSO Default 7 Inflow	04/21/2024	82465	Wooden Block	Inflow from Creek/River
243893	Daily CSO Default 7 Inflow	04/22/2024	82470	Wooden Block	Inflow from Creek/River
243950	Daily CSO Default 7 Inflow	04/23/2024	82481	Wooden Block	Inflow from Creek/River
244042	Daily CSO Default 7 Inflow	04/24/2024	82492	Wooden Block	Inflow from Creek/River
244284	Daily CSO Default 7 Inflow	04/28/2024	82596	Wooden Block	Inflow from Creek/River
244343	Daily CSO Default 7 Inflow	04/29/2024	82598	Wooden Block	Inflow from Creek/River
244417	Daily CSO Default 7 Inflow	04/30/2024	82616	Wooden Block	Inflow from Creek/River
244510	Daily CSO Default 7 Inflow	05/01/2024	82634	Wooden Block	Inflow from Creek/River
244631	Daily CSO Default 7 Inflow	05/03/2024	82685	Wooden Block	Inflow from Creek/River
244731	Daily CSO Default 7 Inflow	05/05/2024	82709	Wooden Block	Inflow from Creek/River
244820	Daily CSO Default 7 Inflow	05/06/2024	82713	Wooden Block	Inflow from Creek/River
244879	Daily CSO Default 7 Inflow	05/07/2024	82725	Wooden Block	Inflow from Creek/River
245090	Daily CSO Default 7 Inflow	05/08/2024	82740	Wooden Block	Inflow from Creek/River
245412	Daily CSO Default 7 Inflow	05/09/2024	82760	Wooden Block	Inflow from Creek/River
245692	Daily CSO Default 7 Inflow	05/10/2024	82792	Wooden Block	Inflow from Creek/River
246331	Daily CSO Default 7 Inflow	05/11/2024	82833	Wooden Block	Inflow from Creek/River
245768	Daily CSO Default 7 Inflow	05/12/2024	82912	Wooden Block	Inflow from Creek/River
245879	Daily CSO Default 7 Inflow	05/13/2024	82915	Wooden Block	Inflow from Creek/River
245937	Daily CSO Default 7 Inflow	05/14/2024	82930	Wooden Block	Inflow from Creek/River
246066	Daily CSO Default 7 Inflow	05/15/2024	82963	Wooden Block	Inflow from Creek/River
246089	Daily CSO Default 7 Inflow	05/16/2024	82992	Wooden Block	Inflow from Creek/River
246206	Daily CSO Default 7 Inflow	05/17/2024	83010	Wooden Block	Inflow from Creek/River
246212	Daily CSO Default 7 Inflow	05/18/2024	83047	Wooden Block	Inflow from Creek/River
246270	Daily CSO Default 7 Inflow	05/19/2024	83056	Wooden Block	Inflow from Creek/River
246388	Daily CSO Default 7 Inflow	05/20/2024	83058	Wooden Block	Inflow from Creek/River
246490	Daily CSO Default 7 Inflow	05/22/2024	83080	Wooden Block	Inflow from Creek/River
246612	Daily CSO Default 7 Inflow	05/23/2024	83102	Wooden Block	Inflow from Creek/River
246699	Daily CSO Default 7 Inflow	05/24/2024	83122	Wooden Block	Inflow from Creek/River

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Inspection Id	Inspection Type	Date Inspected	Work Order #	Comments	Cause
246848	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246943	Daily CSO Default 7 Inflow	05/28/2024	83157	Wooden Block	Inflow from Creek/River
247034	Daily CSO Default 7 Inflow	05/29/2024	83172	Wooden Block	Inflow from Creek/River
247124	Daily CSO Default 7 Inflow	05/30/2024	83188	Wooden Block	Inflow from Creek/River
247158	Daily CSO Default 7 Inflow	05/31/2024	83217	Wooden Block	Inflow from Creek/River
247216	Daily CSO Default 7 Inflow	06/01/2024	83270	Wooden Block	Inflow from Creek/River
247274	Daily CSO Default 7 Inflow	06/02/2024	83300	Wooden Block	Inflow from Creek/River
247388	Daily CSO Default 7 Inflow	06/03/2024	83303	Wooden Block	Inflow from Creek/River
247417	Daily CSO Default 7 Inflow	06/04/2024	83309	Wooden Block	Inflow from Creek/River
247553	Daily CSO Default 7 Inflow	06/05/2024	83331	Wooden Block	Inflow from Creek/River
247776	Daily CSO Default 7 Inflow	06/06/2024	83385	Wooden Block	Inflow from Creek/River
247895	Daily CSO Default 7 Inflow	06/07/2024	83409	Wooden Block	Inflow from Creek/River
247953	Daily CSO Default 7 Inflow	06/08/2024	83440	Wooden Block	Inflow from Creek/River
248011	Daily CSO Default 7 Inflow	06/09/2024	83452	Wooden Block	Inflow from Creek/River
248069	Daily CSO Default 7 Inflow	06/10/2024	83461	Wooden Block	Inflow from Creek/River
248162	Daily CSO Default 7 Inflow	06/11/2024	83475	Wooden Block	Inflow from Creek/River
248221	Daily CSO Default 7 Inflow	06/12/2024	83569	Wooden Block	Inflow from Creek/River
248306	Daily CSO Default 7 Inflow	06/13/2024	83642	Wooden Block	Inflow from Creek/River
248374	Daily CSO Default 7 Inflow	06/14/2024	83707	Wooden Block	Inflow from Creek/River
248497	Daily CSO Default 7 Inflow	06/15/2024	83729	Wooden Block	Inflow from Creek/River
248555	Daily CSO Default 7 Inflow	06/16/2024	83810	Wooden Block	Inflow from Creek/River
248596	Daily CSO Default 7 Inflow	06/17/2024	83814	Wooden Block	Inflow from Creek/River
248659	Daily CSO Default 7 Inflow	06/18/2024	83856	Wooden Block	Inflow from Creek/River
248759	Daily CSO Default 7 Inflow	06/19/2024	83882	Wooden Block	Inflow from Creek/River
248844	Daily CSO Default 7 Inflow	06/20/2024	83911	Wooden Block	Inflow from Creek/River
248902	Daily CSO Default 7 Inflow	06/21/2024	83935	Wooden Block	Inflow from Creek/River
248938	Daily CSO Default 7 Inflow	06/22/2024	83962	Wooden Block	Inflow from Creek/River
249023	Daily CSO Default 7 Inflow	06/23/2024	83966	Wooden Block	Inflow from Creek/River
249055	Daily CSO Default 7 Inflow	06/24/2024	83971	Wooden Block	Inflow from Creek/River
249119	Daily CSO Default 7 Inflow	06/25/2024	83983	Wooden Block	Inflow from Creek/River
249209	Daily CSO Default 7 Inflow	06/26/2024	84003	Wooden Block	Inflow from Creek/River
249269	Daily CSO Default 7 Inflow	06/27/2024	84033	Wooden Block	Inflow from Creek/River
249351	Daily CSO Default 7 Inflow	06/28/2024	84082	Wooden Block	Inflow from Creek/River
249414	Daily CSO Default 7 Inflow	06/29/2024	84138	Wooden Block	Inflow from Creek/River
249445	Daily CSO Default 7 Inflow	06/30/2024	84154	Wooden Block	Inflow from Creek/River
CSO-023 (CAMERON & CALDER)					
230680	Daily CSO Default 3-4	01/10/2024	80351	Wooden Block	Rain
230855	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
233012	Daily CSO Default 3-4	02/13/2024	80972	Wooden Block	Rain
233065	Daily CSO Default 3-4	02/14/2024	80991	Wooden Block	Rain
234269	Daily CSO Default 3-4	03/02/2024	81447	Wooden Block	Rain
234330	Daily CSO Default 3-4	03/03/2024	81462	Wooden Block	Rain
234857	Daily CSO Default 3-4	03/10/2024	81627	Wooden Block	Rain
235327	Daily CSO Default 3-4	03/15/2024	81814	Wooden Block	Rain
237564	Daily CSO Default 3-4	03/23/2024	81940	Wooden Block	Rain
237627	Daily CSO Default 3-4	03/24/2024	81950	Wooden Block	Rain
238079	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
242187	Daily CSO Site Inspection	04/03/2024	82070	Wooden Block	Rain
242293	Daily CSO Default 3-4	04/04/2024	82081	Wooden Block	Rain
242359	Daily CSO Default 3-4	04/05/2024	82110	Wooden Block	Rain
244282	Daily CSO Default 3-4	04/28/2024	82596	Wooden Block	Rain
244736	Daily CSO Default 3-4	05/05/2024	82709	Wooden Block	Rain
245067	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
245780	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
246850	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246959	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247786	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249030	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249275	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249456	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-024 (HILL CHAMBER T.R.W.)					
231029	Daily CSO Default 7 Inflow	01/08/2024	80303	Wooden Block	Inflow from Creek/River
230670	Daily CSO Default 7 Inflow	01/10/2024	80351	Wooden Block	Inflow from Creek/River
230734	Daily CSO Default 7 Inflow	01/11/2024	80368	Wooden Block	Inflow from Creek/River
230785	Daily CSO Default 7 Inflow	01/12/2024	80398	Wooden Block	Inflow from Creek/River
230851	Daily CSO Default 7 Inflow	01/13/2024	80431	Wooden Block	Inflow from Creek/River
230960	Daily CSO Default 7 Inflow	01/14/2024	80452	Wooden Block	Inflow from Creek/River
230971	Daily CSO Default 7 Inflow	01/15/2024	80455	Wooden Block	Inflow from Creek/River
231031	Daily CSO Default 7 Inflow	01/16/2024	80460	Wooden Block	Inflow from Creek/River
231119	Daily CSO Default 7 Inflow	01/17/2024	80482	Wooden Block	Inflow from Creek/River
231270	Daily CSO Default 7 Inflow	01/19/2024	80543	Wooden Block	Inflow from Creek/River

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Inspection Id	Inspection Type	Date Inspected	Work Order #	Comments	Cause
231301	Daily CSO Default 7 Inflow	01/20/2024	80556	Wooden Block	Inflow from Creek/River
231359	Daily CSO Default 7 Inflow	01/21/2024	80569	Wooden Block	Inflow from Creek/River
231502	Daily CSO Default 7 Inflow	01/23/2024	80585	Wooden Block	Inflow from Creek/River
231635	Daily CSO Default 7 Inflow	01/25/2024	80616	Wooden Block	Inflow from Creek/River
231722	Daily CSO Default 7 Inflow	01/26/2024	80632	Wooden Block	Inflow from Creek/River
231753	Daily CSO Default 7 Inflow	01/27/2024	80645	Wooden Block	Inflow from Creek/River
232015	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
231929	Daily CSO Default 3-4	01/29/2024	80659	Wooden Block	Rain
232052	Daily CSO Default 7 Inflow	01/31/2024	80697	Wooden Block	Inflow from Creek/River
232194	Daily CSO Default 7 Inflow	02/01/2024	80714	Wooden Block	Inflow from Creek/River
232229	Daily CSO Default 7 Inflow	02/02/2024	80751	Wooden Block	Inflow from Creek/River
232260	Daily CSO Default 7 Inflow	02/03/2024	80772	Wooden Block	Inflow from Creek/River
232319	Daily CSO Default 7 Inflow	02/04/2024	80789	Wooden Block	Inflow from Creek/River
232711	Daily CSO Default 7 Inflow	02/09/2024	80909	Wooden Block	Inflow from Creek/River
232801	Daily CSO Default 7 Inflow	02/10/2024	80925	Wooden Block	Inflow from Creek/River
233005	Daily CSO Default 7 Inflow	02/13/2024	80972	Wooden Block	Inflow from Creek/River
233063	Daily CSO Default 7 Inflow	02/14/2024	80991	Wooden Block	Inflow from Creek/River
233250	Daily CSO Default 7 Inflow	02/15/2024	81011	Wooden Block	Inflow from Creek/River
233314	Daily CSO Default 7 Inflow	02/16/2024	81038	Wooden Block	Inflow from Creek/River
233346	Daily CSO Default 7 Inflow	02/17/2024	81065	Wooden Block	Inflow from Creek/River
233404	Daily CSO Default 7 Inflow	02/18/2024	81090	Wooden Block	Inflow from Creek/River
233621	Daily CSO Default 7 Inflow	02/21/2024	81111	Wooden Block	Inflow from Creek/River
233750	Daily CSO Default 7 Inflow	02/23/2024	81214	Wooden Block	Inflow from Creek/River
234101	Daily CSO Default 7 Inflow	02/28/2024	81343	Wooden Block	Inflow from Creek/River
234186	Daily CSO Default 7 Inflow	02/29/2024	81370	Wooden Block	Inflow from Creek/River
234234	Daily CSO Default 7 Inflow	03/01/2024	81422	Wooden Block	Inflow from Creek/River
234323	Daily CSO Default 7 Inflow	03/03/2024	81462	Wooden Block	Inflow from Creek/River
234381	Daily CSO Default 7 Inflow	03/04/2024	81466	Wooden Block	Inflow from Creek/River
234476	Daily CSO Default 7 Inflow	03/05/2024	81477	Wooden Block	Inflow from Creek/River
234544	Daily CSO Default 7 Inflow	03/06/2024	81518	Wooden Block	Inflow from Creek/River
234660	Daily CSO Default 7 Inflow	03/07/2024	81540	Wooden Block	Inflow from Creek/River
234722	Daily CSO Default 7 Inflow	03/08/2024	81581	Wooden Block	Inflow from Creek/River
234780	Daily CSO Default 7 Inflow	03/09/2024	81615	Wooden Block	Inflow from Creek/River
234837	Daily CSO Default 7 Inflow	03/10/2024	81627	Wooden Block	Inflow from Creek/River
234911	Daily CSO Default 7 Inflow	03/11/2024	81629	Wooden Block	Inflow from Creek/River
235050	Daily CSO Default 7 Inflow	03/12/2024	81649	Wooden Block	Inflow from Creek/River
235086	Daily CSO Default 7 Inflow	03/13/2024	81679	Wooden Block	Inflow from Creek/River
235325	Daily CSO Default 7 Inflow	03/15/2024	81814	Wooden Block	Inflow from Creek/River
235695	Daily CSO Default 7 Inflow	03/21/2024	81910	Wooden Block	Inflow from Creek/River
237561	Daily CSO Default 7 Inflow	03/23/2024	81940	Wooden Block	Inflow from Creek/River
237625	Daily CSO Default 7 Inflow	03/24/2024	81950	Wooden Block	Inflow from Creek/River
237886	Daily CSO Default 3-4	03/28/2024	82005	Wooden Block	Rain
238791	Daily CSO Default 7 Inflow	04/01/2024	82051	Wooden Block	Inflow from Creek/River
242135	Daily CSO Default 7 Inflow	04/02/2024	82059	Wooden Block	Inflow from Creek/River
242196	Daily CSO Default 7 Inflow	04/03/2024	82070	Wooden Block	Inflow from Creek/River
242278	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242368	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
242398	Daily CSO Default 7 Inflow	04/06/2024	82130	Wooden Block	Inflow from Creek/River
242461	Daily CSO Default 7 Inflow	04/07/2024	82144	Wooden Block	Inflow from Creek/River
242619	Daily CSO Default 7 Inflow	04/08/2024	82150	Wooden Block	Inflow from Creek/River
242651	Daily CSO Default 7 Inflow	04/09/2024	82193	Wooden Block	Inflow from Creek/River
242893	Daily CSO Default 7 Inflow	04/10/2024	82209	Wooden Block	Inflow from Creek/River
243066	Daily CSO Default 7 Inflow	04/11/2024	82233	Wooden Block	Inflow from Creek/River
243158	Daily CSO Default 7 Inflow	04/12/2024	82249	Wooden Block	Inflow from Creek/River
243192	Daily CSO Default 7 Inflow	04/13/2024	82270	Wooden Block	Inflow from Creek/River
243254	Daily CSO Default 7 Inflow	04/14/2024	82276	Wooden Block	Inflow from Creek/River
243379	Daily CSO Default 7 Inflow	04/16/2024	82301	Wooden Block	Inflow from Creek/River
243716	Daily CSO Default 7 Inflow	04/19/2024	82395	Wooden Block	Inflow from Creek/River
245091	Daily CSO Default 7 Inflow	05/08/2024	82740	Wooden Block	Inflow from Creek/River
245693	Daily CSO Default 7 Inflow	05/10/2024	82792	Wooden Block	Inflow from Creek/River
245716	Daily CSO Default 7 Inflow	05/11/2024	82833	Wooden Block	Inflow from Creek/River
245769	Daily CSO Default 7 Inflow	05/12/2024	82912	Wooden Block	Inflow from Creek/River
245938	Daily CSO Default 7 Inflow	05/14/2024	82930	Wooden Block	Inflow from Creek/River
246068	Daily CSO Default 7 Inflow	05/15/2024	82963	Wooden Block	Inflow from Creek/River
246090	Daily CSO Default 7 Inflow	05/16/2024	82992	Wooden Block	Inflow from Creek/River
246207	Daily CSO Default 7 Inflow	05/17/2024	83010	Wooden Block	Inflow from Creek/River
246851	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246944	Daily CSO Default 7 Inflow	05/28/2024	83157	Wooden Block	Inflow from Creek/River
247777	Daily CSO Default 7 Inflow	06/06/2024	83385	Wooden Block	Inflow from Creek/River
247897	Daily CSO Default 3-4	06/07/2024	83409	Wooden Block	Rain
249032	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain

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Inspection Id	Inspection Type	Date Inspected	Work Order #	Comments	Cause
249270	Daily CSO Default 7 Inflow	06/27/2024	84033	Wooden Block	Inflow from Creek/River
249459	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-025 (N. CAMERON & CUMBERLAND)					
230051	Daily CSO Default 7 Inflow	01/01/2024	80188	Wooden Block	Inflow from Creek/River
230169	Daily CSO Default 7 Inflow	01/03/2024	80198	Wooden Block	Inflow from Creek/River
231026	Daily CSO Default 7 Inflow	01/04/2024	80230	Wooden Block	Inflow from Creek/River
230608	Daily CSO Default 7 Inflow	01/09/2024	80317	Wooden Block	Inflow from Creek/River
230672	Daily CSO Default 7 Inflow	01/10/2024	80351	Wooden Block	Inflow from Creek/River
230735	Daily CSO Default 7 Inflow	01/11/2024	80368	Wooden Block	Inflow from Creek/River
230786	Daily CSO Default 7 Inflow	01/12/2024	80398	Wooden Block	Inflow from Creek/River
230852	Daily CSO Default 7 Inflow	01/13/2024	80431	Wooden Block	Inflow from Creek/River
230961	Daily CSO Default 7 Inflow	01/14/2024	80452	Wooden Block	Inflow from Creek/River
230972	Daily CSO Default 7 Inflow	01/15/2024	80455	Wooden Block	Inflow from Creek/River
231032	Daily CSO Default 7 Inflow	01/16/2024	80460	Wooden Block	Inflow from Creek/River
231120	Daily CSO Default 7 Inflow	01/17/2024	80482	Wooden Block	Inflow from Creek/River
231179	Daily CSO Default 7 Inflow	01/18/2024	80514	Wooden Block	Inflow from Creek/River
231271	Daily CSO Default 7 Inflow	01/19/2024	80543	Wooden Block	Inflow from Creek/River
231302	Daily CSO Default 7 Inflow	01/20/2024	80556	Wooden Block	Inflow from Creek/River
231360	Daily CSO Default 7 Inflow	01/21/2024	80569	Wooden Block	Inflow from Creek/River
231503	Daily CSO Default 7 Inflow	01/23/2024	80585	Wooden Block	Inflow from Creek/River
231569	Daily CSO Default 7 Inflow	01/24/2024	80598	Wooden Block	Inflow from Creek/River
231636	Daily CSO Default 7 Inflow	01/25/2024	80616	Wooden Block	Inflow from Creek/River
231723	Daily CSO Default 7 Inflow	01/26/2024	80632	Wooden Block	Inflow from Creek/River
231754	Daily CSO Default 7 Inflow	01/27/2024	80645	Wooden Block	Inflow from Creek/River
232016	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
231930	Daily CSO Default 3-4	01/29/2024	80659	Wooden Block	Rain
231961	Daily CSO Default 7 Inflow	01/30/2024	80670	Wooden Block	Inflow from Creek/River
232053	Daily CSO Default 7 Inflow	01/31/2024	80697	Wooden Block	Inflow from Creek/River
232195	Daily CSO Default 7 Inflow	02/01/2024	80714	Wooden Block	Inflow from Creek/River
232230	Daily CSO Default 7 Inflow	02/02/2024	80751	Wooden Block	Inflow from Creek/River
232261	Daily CSO Default 7 Inflow	02/03/2024	80772	Wooden Block	Inflow from Creek/River
232320	Daily CSO Default 7 Inflow	02/04/2024	80789	Wooden Block	Inflow from Creek/River
232409	Daily CSO Default 7 Inflow	02/05/2024	80794	Wooden Block	Inflow from Creek/River
232467	Daily CSO Default 7 Inflow	02/06/2024	80813	Wooden Block	Inflow from Creek/River
232558	Daily CSO Default 7 Inflow	02/07/2024	80832	Wooden Block	Inflow from Creek/River
232643	Daily CSO Default 7 Inflow	02/08/2024	80879	Wooden Block	Inflow from Creek/River
232802	Daily CSO Default 7 Inflow	02/10/2024	80925	Wooden Block	Inflow from Creek/River
232859	Daily CSO Default 7 Inflow	02/11/2024	80933	Wooden Block	Inflow from Creek/River
233006	Daily CSO Default 7 Inflow	02/13/2024	80972	Wooden Block	Inflow from Creek/River
233251	Daily CSO Default 7 Inflow	02/15/2024	81011	Wooden Block	Inflow from Creek/River
233315	Daily CSO Default 7 Inflow	02/16/2024	81038	Wooden Block	Inflow from Creek/River
233347	Daily CSO Default 7 Inflow	02/17/2024	81065	Wooden Block	Inflow from Creek/River
233405	Daily CSO Default 7 Inflow	02/18/2024	81090	Wooden Block	Inflow from Creek/River
233464	Daily CSO Default 7 Inflow	02/19/2024	81095	Wooden Block	Inflow from Creek/River
233525	Daily CSO Default 7 Inflow	02/20/2024	81097	Wooden Block	Inflow from Creek/River
233622	Daily CSO Default 7 Inflow	02/21/2024	81111	Wooden Block	Inflow from Creek/River
233751	Daily CSO Default 7 Inflow	02/23/2024	81214	Wooden Block	Inflow from Creek/River
233866	Daily CSO Default 7 Inflow	02/25/2024	81263	Wooden Block	Inflow from Creek/River
233957	Daily CSO Default 7 Inflow	02/26/2024	81274	Wooden Block	Inflow from Creek/River
234102	Daily CSO Default 7 Inflow	02/28/2024	81343	Wooden Block	Inflow from Creek/River
234187	Daily CSO Default 7 Inflow	02/29/2024	81370	Wooden Block	Inflow from Creek/River
234235	Daily CSO Default 7 Inflow	03/01/2024	81422	Wooden Block	Inflow from Creek/River
234266	Daily CSO Default 7 Inflow	03/02/2024	81447	Wooden Block	Inflow from Creek/River
234324	Daily CSO Default 7 Inflow	03/03/2024	81462	Wooden Block	Inflow from Creek/River
234382	Daily CSO Default 7 Inflow	03/04/2024	81466	Wooden Block	Inflow from Creek/River
234477	Daily CSO Default 7 Inflow	03/05/2024	81477	Wooden Block	Inflow from Creek/River
234545	Daily CSO Default 7 Inflow	03/06/2024	81518	Wooden Block	Inflow from Creek/River
234661	Daily CSO Default 7 Inflow	03/07/2024	81540	Wooden Block	Inflow from Creek/River
234723	Daily CSO Default 7 Inflow	03/08/2024	81581	Wooden Block	Inflow from Creek/River
234781	Daily CSO Default 7 Inflow	03/09/2024	81615	Wooden Block	Inflow from Creek/River
234838	Daily CSO Default 7 Inflow	03/10/2024	81627	Wooden Block	Inflow from Creek/River
234912	Daily CSO Default 7 Inflow	03/11/2024	81629	Wooden Block	Inflow from Creek/River
235051	Daily CSO Default 7 Inflow	03/12/2024	81649	Wooden Block	Inflow from Creek/River
235087	Daily CSO Default 7 Inflow	03/13/2024	81679	Wooden Block	Inflow from Creek/River
235192	Daily CSO Default 7 Inflow	03/14/2024	81695	Wooden Block	Inflow from Creek/River
235326	Daily CSO Default 7 Inflow	03/15/2024	81814	Wooden Block	Inflow from Creek/River
240328	Daily CSO Default 7 Inflow	03/18/2024	81851	Wooden Block	Inflow from Creek/River
235604	Daily CSO Default 7 Inflow	03/19/2024	81861	Wooden Block	Inflow from Creek/River
235635	Daily CSO Default 7 Inflow	03/20/2024	81886	Wooden Block	Inflow from Creek/River
235696	Daily CSO Default 7 Inflow	03/21/2024	81910	Wooden Block	Inflow from Creek/River
237496	Daily CSO Default 7 Inflow	03/22/2024	81927	Wooden Block	Inflow from Creek/River

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Inspection Id	Inspection Type	Date Inspected	Work Order #	Comments	Cause
237562	Daily CSO Default 7 Inflow	03/23/2024	81940	Wooden Block	Inflow from Creek/River
237626	Daily CSO Default 7 Inflow	03/24/2024	81950	Wooden Block	Inflow from Creek/River
237678	Daily CSO Default 7 Inflow	03/25/2024	81952	Wooden Block	Inflow from Creek/River
237766	Daily CSO Default 7 Inflow	03/26/2024	81973	Wooden Block	Inflow from Creek/River
237796	Daily CSO Default 7 Inflow	03/27/2024	81990	Wooden Block	Inflow from Creek/River
237885	Daily CSO Default 7 Inflow	03/28/2024	82005	Wooden Block	Inflow from Creek/River
237945	Daily CSO Default 7 Inflow	03/29/2024	82026	Wooden Block	Inflow from Creek/River
238004	Daily CSO Default 7 Inflow	03/30/2024	82046	Wooden Block	Inflow from Creek/River
238080	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
238792	Daily CSO Default 7 Inflow	04/01/2024	82051	Wooden Block	Inflow from Creek/River
242136	Daily CSO Default 7 Inflow	04/02/2024	82059	Wooden Block	Inflow from Creek/River
242197	Daily CSO Default 7 Inflow	04/03/2024	82070	Wooden Block	Inflow from Creek/River
242280	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242370	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
242400	Daily CSO Default 7 Inflow	04/06/2024	82130	Wooden Block	Inflow from Creek/River
242462	Daily CSO Default 7 Inflow	04/07/2024	82144	Wooden Block	Inflow from Creek/River
242620	Daily CSO Default 7 Inflow	04/08/2024	82150	Wooden Block	Inflow from Creek/River
242652	Daily CSO Default 7 Inflow	04/09/2024	82193	Wooden Block	Inflow from Creek/River
242894	Daily CSO Default 7 Inflow	04/10/2024	82209	Wooden Block	Inflow from Creek/River
243067	Daily CSO Default 7 Inflow	04/11/2024	82233	Wooden Block	Inflow from Creek/River
243159	Daily CSO Default 7 Inflow	04/12/2024	82249	Wooden Block	Inflow from Creek/River
243193	Daily CSO Default 7 Inflow	04/13/2024	82270	Wooden Block	Inflow from Creek/River
243255	Daily CSO Default 7 Inflow	04/14/2024	82276	Wooden Block	Inflow from Creek/River
243344	Daily CSO Default 3-4	04/15/2024	82286	Wooden Block	Rain
243380	Daily CSO Default 7 Inflow	04/16/2024	82301	Wooden Block	Inflow from Creek/River
243591	Daily CSO Default 7 Inflow	04/18/2024	82332	Wooden Block	Inflow from Creek/River
243717	Daily CSO Default 7 Inflow	04/19/2024	82395	Wooden Block	Inflow from Creek/River
243743	Daily CSO Default 7 Inflow	04/20/2024	82439	Wooden Block	Inflow from Creek/River
243859	Daily CSO Default 7 Inflow	04/21/2024	82465	Wooden Block	Inflow from Creek/River
243894	Daily CSO Default 7 Inflow	04/22/2024	82470	Wooden Block	Inflow from Creek/River
243951	Daily CSO Default 7 Inflow	04/23/2024	82481	Wooden Block	Inflow from Creek/River
244482	Daily CSO Default 7 Inflow	04/24/2024	82492	Wooden Block	Inflow from Creek/River
244285	Daily CSO Default 7 Inflow	04/28/2024	82596	Wooden Block	Inflow from Creek/River
244344	Daily CSO Default 7 Inflow	04/29/2024	82598	Wooden Block	Inflow from Creek/River
244418	Daily CSO Default 7 Inflow	04/30/2024	82616	Wooden Block	Inflow from Creek/River
244511	Daily CSO Default 7 Inflow	05/01/2024	82634	Wooden Block	Inflow from Creek/River
244632	Daily CSO Default 7 Inflow	05/03/2024	82685	Wooden Block	Inflow from Creek/River
244699	Daily CSO Default 7 Inflow	05/04/2024	82696	Wooden Block	Inflow from Creek/River
244732	Daily CSO Default 7 Inflow	05/05/2024	82709	Wooden Block	Inflow from Creek/River
244821	Daily CSO Default 7 Inflow	05/06/2024	82713	Wooden Block	Inflow from Creek/River
244880	Daily CSO Default 7 Inflow	05/07/2024	82725	Wooden Block	Inflow from Creek/River
245092	Daily CSO Default 7 Inflow	05/08/2024	82740	Wooden Block	Inflow from Creek/River
245413	Daily CSO Default 7 Inflow	05/09/2024	82760	Wooden Block	Inflow from Creek/River
245694	Daily CSO Default 7 Inflow	05/10/2024	82792	Wooden Block	Inflow from Creek/River
245709	Daily CSO Default 3-4	05/11/2024	82833	Wooden Block	Rain
245782	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
246070	Daily CSO Default 7 Inflow	05/15/2024	82963	Wooden Block	Inflow from Creek/River
246091	Daily CSO Default 7 Inflow	05/16/2024	82992	Wooden Block	Inflow from Creek/River
246208	Daily CSO Default 7 Inflow	05/17/2024	83010	Wooden Block	Inflow from Creek/River
246271	Daily CSO Default 7 Inflow	05/19/2024	83056	Wooden Block	Inflow from Creek/River
246389	Daily CSO Default 7 Inflow	05/20/2024	83058	Wooden Block	Inflow from Creek/River
246491	Daily CSO Default 7 Inflow	05/22/2024	83080	Wooden Block	Inflow from Creek/River
246700	Daily CSO Default 7 Inflow	05/24/2024	83122	Wooden Block	Inflow from Creek/River
246852	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246945	Daily CSO Default 7 Inflow	05/28/2024	83157	Wooden Block	Inflow from Creek/River
247035	Daily CSO Default 7 Inflow	05/29/2024	83172	Wooden Block	Inflow from Creek/River
247125	Daily CSO Default 7 Inflow	05/30/2024	83188	Wooden Block	Inflow from Creek/River
247159	Daily CSO Default 7 Inflow	05/31/2024	83217	Wooden Block	Inflow from Creek/River
247217	Daily CSO Default 7 Inflow	06/01/2024	83270	Wooden Block	Inflow from Creek/River
247275	Daily CSO Default 7 Inflow	06/02/2024	83300	Wooden Block	Inflow from Creek/River
247389	Daily CSO Default 7 Inflow	06/03/2024	83303	Wooden Block	Inflow from Creek/River
247418	Daily CSO Default 7 Inflow	06/04/2024	83309	Wooden Block	Inflow from Creek/River
247554	Daily CSO Default 7 Inflow	06/05/2024	83331	Wooden Block	Inflow from Creek/River
247778	Daily CSO Default 7 Inflow	06/06/2024	83385	Wooden Block	Inflow from Creek/River
247896	Daily CSO Default 7 Inflow	06/07/2024	83409	Wooden Block	Inflow from Creek/River
247954	Daily CSO Default 7 Inflow	06/08/2024	83440	Wooden Block	Inflow from Creek/River
248012	Daily CSO Default 7 Inflow	06/09/2024	83452	Wooden Block	Inflow from Creek/River
248070	Daily CSO Default 7 Inflow	06/10/2024	83461	Wooden Block	Inflow from Creek/River
248163	Daily CSO Default 7 Inflow	06/11/2024	83475	Wooden Block	Inflow from Creek/River
248222	Daily CSO Default 7 Inflow	06/12/2024	83569	Wooden Block	Inflow from Creek/River
248375	Daily CSO Default 7 Inflow	06/14/2024	83707	Wooden Block	Inflow from Creek/River

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Inspection Id	Inspection Type	Date Inspected	Work Order #	Comments	Cause
248498	Daily CSO Default 7 Inflow	06/15/2024	83729	Wooden Block	Inflow from Creek/River
248556	Daily CSO Default 7 Inflow	06/16/2024	83810	Wooden Block	Inflow from Creek/River
249024	Daily CSO Default 7 Inflow	06/23/2024	83966	Wooden Block	Inflow from Creek/River
249271	Daily CSO Default 7 Inflow	06/27/2024	84033	Wooden Block	Inflow from Creek/River
249352	Daily CSO Default 7 Inflow	06/28/2024	84082	Wooden Block	Inflow from Creek/River
249446	Daily CSO Default 7 Inflow	06/30/2024	84154	Wooden Block	Inflow from Creek/River
CSO-026 (S. CAMERON & CUMBERLAND)					
230673	Daily CSO Default 7 Inflow	01/10/2024	80351	Wooden Block	Inflow from Creek/River
230736	Daily CSO Default 7 Inflow	01/11/2024	80368	Wooden Block	Inflow from Creek/River
230787	Daily CSO Default 7 Inflow	01/12/2024	80398	Wooden Block	Inflow from Creek/River
230853	Daily CSO Default 7 Inflow	01/13/2024	80431	Wooden Block	Inflow from Creek/River
230962	Daily CSO Default 7 Inflow	01/14/2024	80452	Wooden Block	Inflow from Creek/River
230973	Daily CSO Default 7 Inflow	01/15/2024	80455	Wooden Block	Inflow from Creek/River
231033	Daily CSO Default 7 Inflow	01/16/2024	80460	Wooden Block	Inflow from Creek/River
231180	Daily CSO Default 7 Inflow	01/18/2024	80514	Wooden Block	Inflow from Creek/River
231272	Daily CSO Default 7 Inflow	01/19/2024	80543	Wooden Block	Inflow from Creek/River
231303	Daily CSO Default 7 Inflow	01/20/2024	80556	Wooden Block	Inflow from Creek/River
231361	Daily CSO Default 7 Inflow	01/21/2024	80569	Wooden Block	Inflow from Creek/River
231443	Daily CSO Site Inspection	01/22/2024	80572	Dry Weather Overflow	Unknown
231724	Daily CSO Default 7 Inflow	01/26/2024	80632	Wooden Block	Inflow from Creek/River
232017	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
233123	Daily CSO Default 7 Inflow	02/11/2024	80933	Wooden Block	Inflow from Creek/River
233007	Daily CSO Default 7 Inflow	02/13/2024	80972	Wooden Block	Inflow from Creek/River
233348	Daily CSO Default 7 Inflow	02/17/2024	81065	Wooden Block	Inflow from Creek/River
234103	Daily CSO Default 7 Inflow	02/28/2024	81343	Wooden Block	Inflow from Creek/River
234188	Daily CSO Default 7 Inflow	02/29/2024	81370	Wooden Block	Inflow from Creek/River
234270	Daily CSO Default 3-4	03/02/2024	81447	Wooden Block	Rain
234325	Daily CSO Default 7 Inflow	03/03/2024	81462	Wooden Block	Inflow from Creek/River
234478	Daily CSO Default 7 Inflow	03/05/2024	81477	Wooden Block	Inflow from Creek/River
234546	Daily CSO Default 7 Inflow	03/06/2024	81518	Wooden Block	Inflow from Creek/River
234839	Daily CSO Default 7 Inflow	03/10/2024	81627	Wooden Block	Inflow from Creek/River
237563	Daily CSO Default 7 Inflow	03/23/2024	81940	Wooden Block	Inflow from Creek/River
238082	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
238793	Daily CSO Default 7 Inflow	04/01/2024	82051	Wooden Block	Inflow from Creek/River
242137	Daily CSO Default 7 Inflow	04/02/2024	82059	Wooden Block	Inflow from Creek/River
242198	Daily CSO Default 7 Inflow	04/03/2024	82070	Wooden Block	Inflow from Creek/River
242282	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242372	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
242403	Daily CSO Default 7 Inflow	04/06/2024	82130	Wooden Block	Inflow from Creek/River
242621	Daily CSO Default 7 Inflow	04/08/2024	82150	Wooden Block	Inflow from Creek/River
243160	Daily CSO Default 7 Inflow	04/12/2024	82249	Wooden Block	Inflow from Creek/River
243194	Daily CSO Default 7 Inflow	04/13/2024	82270	Wooden Block	Inflow from Creek/River
243256	Daily CSO Default 7 Inflow	04/14/2024	82276	Wooden Block	Inflow from Creek/River
243346	Daily CSO Default 3-4	04/15/2024	82286	Wooden Block	Rain
244733	Daily CSO Default 7 Inflow	05/05/2024	82709	Wooden Block	Inflow from Creek/River
245093	Daily CSO Default 7 Inflow	05/08/2024	82740	Wooden Block	Inflow from Creek/River
245695	Daily CSO Default 7 Inflow	05/10/2024	82792	Wooden Block	Inflow from Creek/River
245770	Daily CSO Default 7 Inflow	05/12/2024	82912	Wooden Block	Inflow from Creek/River
245880	Daily CSO Default 7 Inflow	05/13/2024	82915	Wooden Block	Inflow from Creek/River
246072	Daily CSO Default 7 Inflow	05/15/2024	82963	Wooden Block	Inflow from Creek/River
246092	Daily CSO Default 7 Inflow	05/16/2024	82992	Wooden Block	Inflow from Creek/River
246853	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246915	Daily CSO Default 7 Inflow	05/27/2024	83153	Wooden Block	Inflow from Creek/River
247779	Daily CSO Default 7 Inflow	06/06/2024	83385	Wooden Block	Inflow from Creek/River
249025	Daily CSO Site Inspection	06/23/2024	83966	Wooden Block	Rain
249272	Daily CSO Default 7 Inflow	06/27/2024	84033	Wooden Block	Inflow from Creek/River
249447	Daily CSO Default 7 Inflow	06/30/2024	84154	Wooden Block	Inflow from Creek/River
CSO-027 (9TH & CUMBERLAND)					
230674	Daily CSO Default 7 Inflow	01/10/2024	80351	Wooden Block	Inflow from Creek/River
230859	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
230974	Daily CSO Default 7 Inflow	01/15/2024	80455	Wooden Block	Inflow from Creek/River
231755	Daily CSO Default 7 Inflow	01/27/2024	80645	Wooden Block	Inflow from Creek/River
232018	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
231962	Daily CSO Default 7 Inflow	01/30/2024	80670	Wooden Block	Inflow from Creek/River
233008	Daily CSO Default 7 Inflow	02/13/2024	80972	Wooden Block	Inflow from Creek/River
233252	Daily CSO Default 7 Inflow	02/15/2024	81011	Wooden Block	Inflow from Creek/River
233349	Daily CSO Default 7 Inflow	02/17/2024	81065	Wooden Block	Inflow from Creek/River
234189	Daily CSO Default 7 Inflow	02/29/2024	81370	Wooden Block	Inflow from Creek/River
234326	Daily CSO Default 7 Inflow	03/03/2024	81462	Wooden Block	Inflow from Creek/River
234383	Daily CSO Default 7 Inflow	03/04/2024	81466	Wooden Block	Inflow from Creek/River
234479	Daily CSO Default 7 Inflow	03/05/2024	81477	Wooden Block	Inflow from Creek/River

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Inspection Id	Inspection Type	Date Inspected	Work Order #	Comments	Cause
234662	Daily CSO Default 7 Inflow	03/07/2024	81540	Wooden Block	Inflow from Creek/River
234724	Daily CSO Default 7 Inflow	03/08/2024	81581	Wooden Block	Inflow from Creek/River
234864	Daily CSO Default 3-4	03/10/2024	81627	Wooden Block	Rain
235052	Daily CSO Default 7 Inflow	03/12/2024	81649	Wooden Block	Inflow from Creek/River
235193	Daily CSO Default 7 Inflow	03/14/2024	81695	Wooden Block	Inflow from Creek/River
238794	Daily CSO Default 7 Inflow	04/01/2024	82051	Wooden Block	Inflow from Creek/River
242205	Daily CSO Default 3-4	04/03/2024	82070	Wooden Block	Rain
242284	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242374	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
242405	Daily CSO Default 7 Inflow	04/06/2024	82130	Wooden Block	Inflow from Creek/River
242463	Daily CSO Default 7 Inflow	04/07/2024	82144	Wooden Block	Inflow from Creek/River
242622	Daily CSO Default 7 Inflow	04/08/2024	82150	Wooden Block	Inflow from Creek/River
244409	Daily CSO Default 7 Inflow	04/12/2024	82249	Wooden Block	Inflow from Creek/River
243195	Daily CSO Default 7 Inflow	04/13/2024	82270	Wooden Block	Inflow from Creek/River
245069	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
246073	Daily CSO Default 7 Inflow	05/15/2024	82963	Wooden Block	Inflow from Creek/River
246854	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246946	Daily CSO Default 7 Inflow	05/28/2024	83157	Wooden Block	Inflow from Creek/River
247780	Daily CSO Default 7 Inflow	06/06/2024	83385	Wooden Block	Inflow from Creek/River
249034	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249273	Daily CSO Default 7 Inflow	06/27/2024	84033	Wooden Block	Inflow from Creek/River
CSO-028 (9TH & HERR)					
230675	Daily CSO Default 7 Inflow	01/10/2024	80351	Wooden Block	Inflow from Creek/River
230861	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
232138	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
233013	Daily CSO Default 3-4	02/13/2024	80972	Wooden Block	Rain
234191	Daily CSO Default 3-4	02/29/2024	81370	Wooden Block	Rain
234331	Daily CSO Default 3-4	03/03/2024	81462	Wooden Block	Rain
234480	Daily CSO Default 7 Inflow	03/05/2024	81477	Wooden Block	Inflow from Creek/River
234566	Daily CSO Default 3-4	03/06/2024	81518	Wooden Block	Rain
234866	Daily CSO Default 3-4	03/10/2024	81627	Wooden Block	Rain
237628	Daily CSO Default 3-4	03/24/2024	81950	Wooden Block	Rain
238084	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
238820	Daily CSO Site Inspection	04/01/2024	82051	Wooden Block	Rain
242138	Daily CSO Default 3-4	04/02/2024	82059	Wooden Block	Rain
242188	Daily CSO Site Inspection	04/03/2024	82070	Wooden Block	Rain
242286	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
244410	Daily CSO Default 3-4	04/12/2024	82249	Wooden Block	Rain
243348	Daily CSO Default 3-4	04/15/2024	82286	Wooden Block	Rain
243593	Daily CSO Default 3-4	04/18/2024	82332	Wooden Block	Rain
244737	Daily CSO Default 3-4	05/05/2024	82709	Wooden Block	Rain
244823	Daily CSO Default 3-4	05/06/2024	82713	Wooden Block	Rain
245071	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
245701	Daily CSO Default 3-4	05/10/2024	82792	Wooden Block	Rain
245710	Daily CSO Default 3-4	05/11/2024	82833	Wooden Block	Rain
245784	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
246074	Daily CSO Default 7 Inflow	05/15/2024	82963	Wooden Block	Inflow from Creek/River
246855	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246961	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247789	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249036	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249278	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249462	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-029 (E. CAMERON & NORTH)					
230516	Daily CSO Default 7 Inflow	01/08/2024	80303	Wooden Block	Inflow from Creek/River
230609	Daily CSO Default 7 Inflow	01/09/2024	80317	Wooden Block	Inflow from Creek/River
230676	Daily CSO Default 7 Inflow	01/10/2024	80351	Wooden Block	Inflow from Creek/River
230737	Daily CSO Default 7 Inflow	01/11/2024	80368	Wooden Block	Inflow from Creek/River
230788	Daily CSO Default 7 Inflow	01/12/2024	80398	Wooden Block	Inflow from Creek/River
230863	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
230963	Daily CSO Default 7 Inflow	01/14/2024	80452	Wooden Block	Inflow from Creek/River
230975	Daily CSO Default 7 Inflow	01/15/2024	80455	Wooden Block	Inflow from Creek/River
231121	Daily CSO Default 7 Inflow	01/17/2024	80482	Wooden Block	Inflow from Creek/River
231273	Daily CSO Default 7 Inflow	01/19/2024	80543	Wooden Block	Inflow from Creek/River
231304	Daily CSO Default 7 Inflow	01/20/2024	80556	Wooden Block	Inflow from Creek/River
231362	Daily CSO Default 7 Inflow	01/21/2024	80569	Wooden Block	Inflow from Creek/River
231504	Daily CSO Default 7 Inflow	01/23/2024	80585	Wooden Block	Inflow from Creek/River
231570	Daily CSO Default 7 Inflow	01/24/2024	80598	Wooden Block	Inflow from Creek/River
231725	Daily CSO Default 7 Inflow	01/26/2024	80632	Wooden Block	Inflow from Creek/River
231756	Daily CSO Default 7 Inflow	01/27/2024	80645	Wooden Block	Inflow from Creek/River
232019	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain

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231924	Daily CSO Default 7 Inflow	01/29/2024	80659	Wooden Block	Inflow from Creek/River
231963	Daily CSO Default 7 Inflow	01/30/2024	80670	Wooden Block	Inflow from Creek/River
232054	Daily CSO Default 7 Inflow	01/31/2024	80697	Wooden Block	Inflow from Creek/River
232196	Daily CSO Default 7 Inflow	02/01/2024	80714	Wooden Block	Inflow from Creek/River
232262	Daily CSO Default 7 Inflow	02/03/2024	80772	Wooden Block	Inflow from Creek/River
232321	Daily CSO Default 7 Inflow	02/04/2024	80789	Wooden Block	Inflow from Creek/River
232468	Daily CSO Default 7 Inflow	02/06/2024	80813	Wooden Block	Inflow from Creek/River
232559	Daily CSO Default 7 Inflow	02/07/2024	80832	Wooden Block	Inflow from Creek/River
232644	Daily CSO Default 7 Inflow	02/08/2024	80879	Wooden Block	Inflow from Creek/River
232712	Daily CSO Default 7 Inflow	02/09/2024	80909	Wooden Block	Inflow from Creek/River
232803	Daily CSO Default 7 Inflow	02/10/2024	80925	Wooden Block	Inflow from Creek/River
232860	Daily CSO Default 7 Inflow	02/11/2024	80933	Wooden Block	Inflow from Creek/River
233009	Daily CSO Default 7 Inflow	02/13/2024	80972	Wooden Block	Inflow from Creek/River
233253	Daily CSO Default 7 Inflow	02/15/2024	81011	Wooden Block	Inflow from Creek/River
233316	Daily CSO Default 7 Inflow	02/16/2024	81038	Wooden Block	Inflow from Creek/River
233350	Daily CSO Default 7 Inflow	02/17/2024	81065	Wooden Block	Inflow from Creek/River
233406	Daily CSO Default 7 Inflow	02/18/2024	81090	Wooden Block	Inflow from Creek/River
233865	Daily CSO Default 3-4	02/24/2024	81241	Wooden Block	Rain
234104	Daily CSO Default 3-4	02/28/2024	81343	Wooden Block	Rain
234190	Daily CSO Default 7 Inflow	02/29/2024	81370	Wooden Block	Inflow from Creek/River
234267	Daily CSO Default 7 Inflow	03/02/2024	81447	Wooden Block	Inflow from Creek/River
234327	Daily CSO Default 7 Inflow	03/03/2024	81462	Wooden Block	Inflow from Creek/River
234481	Daily CSO Default 7 Inflow	03/05/2024	81477	Wooden Block	Inflow from Creek/River
234567	Daily CSO Default 3-4	03/06/2024	81518	Wooden Block	Rain
234664	Daily CSO Default 3-4	03/07/2024	81540	Wooden Block	Rain
234868	Daily CSO Default 3-4	03/10/2024	81627	Wooden Block	Rain
235355	Daily CSO Default 3-4	03/15/2024	81814	Wooden Block	Rain
237565	Daily CSO Default 3-4	03/23/2024	81940	Wooden Block	Rain
237887	Daily CSO Default 3-4	03/28/2024	82005	Wooden Block	Rain
238067	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
238795	Daily CSO Default 7 Inflow	04/01/2024	82051	Wooden Block	Inflow from Creek/River
242139	Daily CSO Default 3-4	04/02/2024	82059	Wooden Block	Rain
242199	Daily CSO Default 7 Inflow	04/03/2024	82070	Wooden Block	Inflow from Creek/River
242288	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242360	Daily CSO Default 3-4	04/05/2024	82110	Wooden Block	Rain
243172	Daily CSO Default 3-4	04/12/2024	82249	Wooden Block	Rain
243215	Daily CSO Default 3-4	04/13/2024	82270	Wooden Block	Rain
243349	Daily CSO Default 3-4	04/15/2024	82286	Wooden Block	Rain
243594	Daily CSO Default 3-4	04/18/2024	82332	Wooden Block	Rain
244738	Daily CSO Default 3-4	05/05/2024	82709	Wooden Block	Rain
244824	Daily CSO Default 3-4	05/06/2024	82713	Wooden Block	Rain
245073	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
245696	Daily CSO Default 7 Inflow	05/10/2024	82792	Wooden Block	Inflow from Creek/River
245711	Daily CSO Default 3-4	05/11/2024	82833	Wooden Block	Rain
245786	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
245883	Daily CSO Default 3-4	05/13/2024	82915	Wooden Block	Rain
246047	Daily CSO Default 3-4	05/15/2024	82963	Wooden Block	Rain
246272	Daily CSO Default 3-4	05/19/2024	83056	Wooden Block	Rain
246856	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246962	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247792	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249048	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249280	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249464	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-030 (W. CAMERON & NORTH)					
230677	Daily CSO Default 7 Inflow	01/10/2024	80351	Wooden Block	Inflow from Creek/River
230738	Daily CSO Default 7 Inflow	01/11/2024	80368	Wooden Block	Inflow from Creek/River
230865	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
232020	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
231931	Daily CSO Default 3-4	01/29/2024	80659	Wooden Block	Rain
234105	Daily CSO Default 3-4	02/28/2024	81343	Wooden Block	Rain
234192	Daily CSO Default 3-4	02/29/2024	81370	Wooden Block	Rain
234482	Daily CSO Default 7 Inflow	03/05/2024	81477	Wooden Block	Inflow from Creek/River
234870	Daily CSO Default 3-4	03/10/2024	81627	Wooden Block	Rain
242147	Daily CSO Site Inspection	04/02/2024	82059	Wooden Block	Rain
242200	Daily CSO Default 7 Inflow	04/03/2024	82070	Wooden Block	Inflow from Creek/River
242294	Daily CSO Default 3-4	04/04/2024	82081	Wooden Block	Rain
243161	Daily CSO Default 7 Inflow	04/12/2024	82249	Wooden Block	Inflow from Creek/River
244739	Daily CSO Default 3-4	05/05/2024	82709	Wooden Block	Rain
245702	Daily CSO Default 3-4	05/10/2024	82792	Wooden Block	Rain
245788	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain

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246360	Daily CSO Default 7 Inflow	05/13/2024	82915	Wooden Block	Inflow from Creek/River
246048	Daily CSO Default 3-4	05/15/2024	82963	Wooden Block	Rain
246857	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246964	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247795	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249038	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249282	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249466	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-031 (CAMERON & STATE)					
230678	Daily CSO Default 7 Inflow	01/10/2024	80351	Wooden Block	Inflow from Creek/River
230866	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
231637	Daily CSO Default 3-4	01/25/2024	80616	Wooden Block	Rain
232021	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
231932	Daily CSO Default 3-4	01/29/2024	80659	Wooden Block	Rain
234499	Daily CSO Site Inspection	03/05/2024	81477	Wooden Block	Rain
234851	Daily CSO Default 3-4	03/10/2024	81627	Wooden Block	Rain
237566	Daily CSO Default 3-4	03/23/2024	81940	Wooden Block	Rain
237629	Daily CSO Default 3-4	03/24/2024	81950	Wooden Block	Rain
238086	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
238821	Daily CSO Site Inspection	04/01/2024	82051	Wooden Block	Rain
242150	Daily CSO Site Inspection	04/02/2024	82059	Wooden Block	Rain
242189	Daily CSO Site Inspection	04/03/2024	82070	Wooden Block	Rain
242289	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242361	Daily CSO Default 3-4	04/05/2024	82110	Wooden Block	Rain
243181	Daily CSO Site Inspection	04/12/2024	82249	Wooden Block	Rain
243220	Daily CSO Default 3-4	04/13/2024	82270	Wooden Block	Rain
243350	Daily CSO Default 3-4	04/15/2024	82286	Wooden Block	Rain
243595	Daily CSO Default 3-4	04/18/2024	82332	Wooden Block	Rain
244757	Daily CSO Site Inspection	05/05/2024	82709	Wooden Block	Rain
244825	Daily CSO Default 3-4	05/06/2024	82713	Wooden Block	Rain
245075	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
245677	Daily CSO Site Inspection	05/10/2024	82792	Wooden Block	Rain
245712	Daily CSO Default 3-4	05/11/2024	82833	Wooden Block	Rain
245790	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
245884	Daily CSO Default 3-4	05/13/2024	82915	Wooden Block	Rain
246075	Daily CSO Default 7 Inflow	05/15/2024	82963	Wooden Block	Inflow from Creek/River
246086	Daily CSO Default 3-4	05/16/2024	82992	Wooden Block	Rain
246273	Daily CSO Default 3-4	05/19/2024	83056	Wooden Block	Rain
246829	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246966	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247797	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
247924	Daily CSO Site Inspection	06/07/2024	83409	Wooden Block	Rain
249040	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249284	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249468	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-032 (W. CAMERON & WALNUT)					
230868	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
234193	Daily CSO Default 3-4	02/29/2024	81370	Wooden Block	Rain
238088	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
242207	Daily CSO Default 3-4	04/03/2024	82070	Wooden Block	Rain
242295	Daily CSO Default 3-4	04/04/2024	82081	Wooden Block	Rain
245077	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
246832	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246969	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247799	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249042	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249286	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249470	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-033 (E. CAMERON & WALNUT)					
230681	Daily CSO Default 3-4	01/10/2024	80351	Wooden Block	Rain
230871	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
231034	Daily CSO Default 7 Inflow	01/16/2024	80460	Wooden Block	Inflow from Creek/River
231727	Daily CSO Default 3-4	01/26/2024	80632	Wooden Block	Rain
232027	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
231933	Daily CSO Default 3-4	01/29/2024	80659	Wooden Block	Rain
234106	Daily CSO Default 3-4	02/28/2024	81343	Wooden Block	Rain
234194	Daily CSO Default 3-4	02/29/2024	81370	Wooden Block	Rain
234332	Daily CSO Default 3-4	03/03/2024	81462	Wooden Block	Rain
235362	Daily CSO Default 7 Inflow	03/04/2024	81466	Wooden Block	Inflow from Creek/River
234855	Daily CSO Default 3-4	03/10/2024	81627	Wooden Block	Rain
238090	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain

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238822	Daily CSO Site Inspection	04/01/2024	82051	Wooden Block	Rain
242151	Daily CSO Site Inspection	04/02/2024	82059	Wooden Block	Rain
242201	Daily CSO Default 7 Inflow	04/03/2024	82070	Wooden Block	Inflow from Creek/River
242292	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242376	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
243155	Daily CSO Default 7 Inflow	04/12/2024	82249	Wooden Block	Inflow from Creek/River
243351	Daily CSO Default 3-4	04/15/2024	82286	Wooden Block	Rain
243982	Daily CSO Site Inspection	04/23/2024	82481	Dry Weather Overflow	Hydrant Flushing
244826	Daily CSO Default 3-4	05/06/2024	82713	Wooden Block	Rain
245697	Daily CSO Default 7 Inflow	05/10/2024	82792	Wooden Block	Inflow from Creek/River
245792	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
246076	Daily CSO Default 7 Inflow	05/15/2024	82963	Wooden Block	Inflow from Creek/River
246833	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246948	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247801	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249049	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249289	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249448	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-034 (S. MARKET & CAMERON)					
230682	Daily CSO Default 3-4	01/10/2024	80351	Wooden Block	Rain
230873	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
231728	Daily CSO Default 3-4	01/26/2024	80632	Wooden Block	Rain
232028	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
231934	Daily CSO Default 3-4	01/29/2024	80659	Wooden Block	Rain
233014	Daily CSO Default 3-4	02/13/2024	80972	Wooden Block	Rain
233066	Daily CSO Default 3-4	02/14/2024	80991	Wooden Block	Rain
234107	Daily CSO Default 3-4	02/28/2024	81343	Wooden Block	Rain
234195	Daily CSO Default 3-4	02/29/2024	81370	Wooden Block	Rain
234333	Daily CSO Default 3-4	03/03/2024	81462	Wooden Block	Rain
234665	Daily CSO Default 3-4	03/07/2024	81540	Wooden Block	Rain
234856	Daily CSO Default 3-4	03/10/2024	81627	Wooden Block	Rain
237630	Daily CSO Default 3-4	03/24/2024	81950	Wooden Block	Rain
237888	Daily CSO Default 3-4	03/28/2024	82005	Wooden Block	Rain
238092	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
238823	Daily CSO Site Inspection	04/01/2024	82051	Wooden Block	Rain
242140	Daily CSO Default 3-4	04/02/2024	82059	Wooden Block	Rain
242208	Daily CSO Default 3-4	04/03/2024	82070	Wooden Block	Rain
242296	Daily CSO Default 3-4	04/04/2024	82081	Wooden Block	Rain
242362	Daily CSO Default 3-4	04/05/2024	82110	Wooden Block	Rain
243173	Daily CSO Default 3-4	04/12/2024	82249	Wooden Block	Rain
243352	Daily CSO Default 3-4	04/15/2024	82286	Wooden Block	Rain
243596	Daily CSO Default 3-4	04/18/2024	82332	Wooden Block	Rain
244740	Daily CSO Default 3-4	05/05/2024	82709	Wooden Block	Rain
244827	Daily CSO Default 3-4	05/06/2024	82713	Wooden Block	Rain
245080	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
245703	Daily CSO Default 3-4	05/10/2024	82792	Wooden Block	Rain
245794	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
245885	Daily CSO Default 3-4	05/13/2024	82915	Wooden Block	Rain
246049	Daily CSO Default 3-4	05/15/2024	82963	Wooden Block	Rain
246087	Daily CSO Default 3-4	05/16/2024	82992	Wooden Block	Rain
246836	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246970	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247804	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249044	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249291	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249472	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-037 (10TH & MARKET)					
230683	Daily CSO Default 3-4	01/10/2024	80351	Wooden Block	Rain
230875	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
231729	Daily CSO Default 3-4	01/26/2024	80632	Wooden Block	Rain
232029	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
233015	Daily CSO Default 3-4	02/13/2024	80972	Wooden Block	Rain
234108	Daily CSO Default 3-4	02/28/2024	81343	Wooden Block	Rain
234196	Daily CSO Default 3-4	02/29/2024	81370	Wooden Block	Rain
234500	Daily CSO Site Inspection	03/05/2024	81477	Wooden Block	Rain
234568	Daily CSO Default 3-4	03/06/2024	81518	Wooden Block	Rain
234666	Daily CSO Default 3-4	03/07/2024	81540	Wooden Block	Rain
234859	Daily CSO Default 3-4	03/10/2024	81627	Wooden Block	Rain
237631	Daily CSO Default 3-4	03/24/2024	81950	Wooden Block	Rain
238095	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
238824	Daily CSO Site Inspection	04/01/2024	82051	Wooden Block	Rain

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242141	Daily CSO Default 3-4	04/02/2024	82059	Wooden Block	Rain
242209	Daily CSO Default 3-4	04/03/2024	82070	Wooden Block	Rain
242297	Daily CSO Default 3-4	04/04/2024	82081	Wooden Block	Rain
243174	Daily CSO Default 3-4	04/12/2024	82249	Wooden Block	Rain
243353	Daily CSO Default 3-4	04/15/2024	82286	Wooden Block	Rain
243597	Daily CSO Default 3-4	04/18/2024	82332	Wooden Block	Rain
244741	Daily CSO Default 3-4	05/05/2024	82709	Wooden Block	Rain
245081	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
245704	Daily CSO Default 3-4	05/10/2024	82792	Wooden Block	Rain
245713	Daily CSO Default 3-4	05/11/2024	82833	Wooden Block	Rain
245796	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
246050	Daily CSO Default 3-4	05/15/2024	82963	Wooden Block	Rain
246274	Daily CSO Default 3-4	05/19/2024	83056	Wooden Block	Rain
246838	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246972	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247806	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
247898	Daily CSO Default 3-4	06/07/2024	83409	Wooden Block	Rain
249046	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249293	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249474	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-038 (10TH & CHESTNUT)					
230684	Daily CSO Default 3-4	01/10/2024	80351	Wooden Block	Rain
230856	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
232030	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
231935	Daily CSO Default 3-4	01/29/2024	80659	Wooden Block	Rain
233016	Daily CSO Default 3-4	02/13/2024	80972	Wooden Block	Rain
234109	Daily CSO Default 3-4	02/28/2024	81343	Wooden Block	Rain
234197	Daily CSO Default 3-4	02/29/2024	81370	Wooden Block	Rain
234501	Daily CSO Site Inspection	03/05/2024	81477	Wooden Block	Rain
234569	Daily CSO Default 3-4	03/06/2024	81518	Wooden Block	Rain
234861	Daily CSO Default 3-4	03/10/2024	81627	Wooden Block	Rain
237632	Daily CSO Default 3-4	03/24/2024	81950	Wooden Block	Rain
238097	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
239600	Daily CSO Site Inspection	04/01/2024	82051	Wooden Block	Rain
242142	Daily CSO Default 3-4	04/02/2024	82059	Wooden Block	Rain
242210	Daily CSO Default 3-4	04/03/2024	82070	Wooden Block	Rain
242298	Daily CSO Default 3-4	04/04/2024	82081	Wooden Block	Rain
243175	Daily CSO Default 3-4	04/12/2024	82249	Wooden Block	Rain
243354	Daily CSO Default 3-4	04/15/2024	82286	Wooden Block	Rain
245083	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
245705	Daily CSO Default 3-4	05/10/2024	82792	Wooden Block	Rain
245797	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
246051	Daily CSO Default 3-4	05/15/2024	82963	Wooden Block	Rain
246840	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246973	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247784	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249027	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249295	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249453	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-039 (S. MULBERRY & CAMERON)					
230666	Daily CSO Default 7 Inflow	01/10/2024	80351	Wooden Block	Inflow from Creek/River
230854	Daily CSO Default 7 Inflow	01/13/2024	80431	Wooden Block	Inflow from Creek/River
230964	Daily CSO Default 7 Inflow	01/14/2024	80452	Wooden Block	Inflow from Creek/River
230976	Daily CSO Default 7 Inflow	01/15/2024	80455	Wooden Block	Inflow from Creek/River
231505	Daily CSO Site Inspection	01/23/2024	80585	Dry Weather Overflow	Unknown
231726	Daily CSO Default 7 Inflow	01/26/2024	80632	Wooden Block	Inflow from Creek/River
232031	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
231925	Daily CSO Default 7 Inflow	01/29/2024	80659	Wooden Block	Inflow from Creek/River
233010	Daily CSO Default 7 Inflow	02/13/2024	80972	Wooden Block	Inflow from Creek/River
234632	Daily CSO Default 3-4	02/29/2024	81370	Wooden Block	Rain
234268	Daily CSO Default 7 Inflow	03/02/2024	81447	Wooden Block	Inflow from Creek/River
234328	Daily CSO Default 7 Inflow	03/03/2024	81462	Wooden Block	Inflow from Creek/River
234483	Daily CSO Default 7 Inflow	03/05/2024	81477	Wooden Block	Inflow from Creek/River
234663	Daily CSO Default 7 Inflow	03/07/2024	81540	Wooden Block	Inflow from Creek/River
234840	Daily CSO Default 7 Inflow	03/10/2024	81627	Wooden Block	Inflow from Creek/River
234913	Daily CSO Default 7 Inflow	03/11/2024	81629	Wooden Block	Inflow from Creek/River
235693	Daily CSO Site Inspection	03/21/2024	81910	Dry Weather Overflow	Unknown
237633	Daily CSO Default 3-4	03/24/2024	81950	Wooden Block	Rain
238078	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
238796	Daily CSO Default 7 Inflow	04/01/2024	82051	Wooden Block	Inflow from Creek/River
242152	Daily CSO Site Inspection	04/02/2024	82059	Wooden Block	Rain

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242202	Daily CSO Default 7 Inflow	04/03/2024	82070	Wooden Block	Inflow from Creek/River
242274	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242377	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
242406	Daily CSO Default 7 Inflow	04/06/2024	82130	Wooden Block	Inflow from Creek/River
243162	Daily CSO Default 7 Inflow	04/12/2024	82249	Wooden Block	Inflow from Creek/River
244742	Daily CSO Default 3-4	05/05/2024	82709	Wooden Block	Rain
244828	Daily CSO Default 3-4	05/06/2024	82713	Wooden Block	Rain
245094	Daily CSO Default 7 Inflow	05/08/2024	82740	Wooden Block	Inflow from Creek/River
245698	Daily CSO Default 7 Inflow	05/10/2024	82792	Wooden Block	Inflow from Creek/River
245717	Daily CSO Default 7 Inflow	05/11/2024	82833	Wooden Block	Inflow from Creek/River
245771	Daily CSO Default 7 Inflow	05/12/2024	82912	Wooden Block	Inflow from Creek/River
245881	Daily CSO Default 7 Inflow	05/13/2024	82915	Wooden Block	Inflow from Creek/River
246077	Daily CSO Default 7 Inflow	05/15/2024	82963	Wooden Block	Inflow from Creek/River
246093	Daily CSO Default 7 Inflow	05/16/2024	82992	Wooden Block	Inflow from Creek/River
246845	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246947	Daily CSO Default 7 Inflow	05/28/2024	83157	Wooden Block	Inflow from Creek/River
247781	Daily CSO Default 7 Inflow	06/06/2024	83385	Wooden Block	Inflow from Creek/River
249029	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249274	Daily CSO Default 7 Inflow	06/27/2024	84033	Wooden Block	Inflow from Creek/River
249457	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-040 (N. MULBERRY & CAMERON)					
230667	Daily CSO Default 7 Inflow	01/10/2024	80351	Wooden Block	Inflow from Creek/River
230858	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
232032	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
231936	Daily CSO Default 3-4	01/29/2024	80659	Wooden Block	Rain
234472	Daily CSO Default 7 Inflow	03/05/2024	81477	Wooden Block	Inflow from Creek/River
234865	Daily CSO Default 3-4	03/10/2024	81627	Wooden Block	Rain
235088	Daily CSO Default 7 Inflow	03/13/2024	81679	Wooden Block	Inflow from Creek/River
235328	Daily CSO Default 3-4	03/15/2024	81814	Wooden Block	Rain
238081	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
242143	Daily CSO Default 3-4	04/02/2024	82059	Wooden Block	Rain
242203	Daily CSO Default 7 Inflow	04/03/2024	82070	Wooden Block	Inflow from Creek/River
242275	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242379	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
242407	Daily CSO Default 7 Inflow	04/06/2024	82130	Wooden Block	Inflow from Creek/River
243355	Daily CSO Default 3-4	04/15/2024	82286	Wooden Block	Rain
244734	Daily CSO Default 7 Inflow	05/05/2024	82709	Wooden Block	Inflow from Creek/River
245066	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
245699	Daily CSO Default 7 Inflow	05/10/2024	82792	Wooden Block	Inflow from Creek/River
245714	Daily CSO Default 3-4	05/11/2024	82833	Wooden Block	Rain
245781	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
246065	Daily CSO Default 7 Inflow	05/15/2024	82963	Wooden Block	Inflow from Creek/River
246094	Daily CSO Default 7 Inflow	05/16/2024	82992	Wooden Block	Inflow from Creek/River
246846	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
247782	Daily CSO Default 7 Inflow	06/06/2024	83385	Wooden Block	Inflow from Creek/River
247925	Daily CSO Site Inspection	06/07/2024	83409	Wooden Block	Rain
249460	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-041 (W. MULBERRY & CAMERON)					
230669	Daily CSO Default 7 Inflow	01/10/2024	80351	Wooden Block	Inflow from Creek/River
230860	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
232033	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
234474	Daily CSO Default 7 Inflow	03/05/2024	81477	Wooden Block	Inflow from Creek/River
238083	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
238817	Daily CSO Default 3-4	04/01/2024	82051	Wooden Block	Rain
242144	Daily CSO Default 3-4	04/02/2024	82059	Wooden Block	Rain
244406	Daily CSO Default 3-4	04/03/2024	82070	Wooden Block	Rain
242277	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242363	Daily CSO Default 3-4	04/05/2024	82110	Wooden Block	Rain
243176	Daily CSO Default 3-4	04/12/2024	82249	Wooden Block	Rain
245068	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
245706	Daily CSO Default 3-4	05/10/2024	82792	Wooden Block	Rain
245783	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
246847	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
247787	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249033	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249277	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249463	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-042 (N. KITTATINNY & CAMERON)					
230671	Daily CSO Default 7 Inflow	01/10/2024	80351	Wooden Block	Inflow from Creek/River
230862	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
231122	Daily CSO Default 7 Inflow	01/17/2024	80482	Wooden Block	Inflow from Creek/River

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231638	Daily CSO Default 3-4	01/25/2024	80616	Wooden Block	Rain
231747	Daily CSO Default 3-4	01/26/2024	80632	Wooden Block	Rain
232034	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
232942	Daily CSO Default 7 Inflow	02/12/2024	80935	Wooden Block	Inflow from Creek/River
233067	Daily CSO Default 3-4	02/14/2024	80991	Wooden Block	Rain
234110	Daily CSO Default 3-4	02/28/2024	81343	Wooden Block	Rain
234271	Daily CSO Default 3-4	03/02/2024	81447	Wooden Block	Rain
234334	Daily CSO Default 3-4	03/03/2024	81462	Wooden Block	Rain
234502	Daily CSO Site Inspection	03/05/2024	81477	Wooden Block	Rain
237567	Daily CSO Default 3-4	03/23/2024	81940	Wooden Block	Rain
238085	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
239601	Daily CSO Site Inspection	04/01/2024	82051	Wooden Block	Rain
242153	Daily CSO Site Inspection	04/02/2024	82059	Wooden Block	Rain
242192	Daily CSO Default 7 Inflow	04/03/2024	82070	Wooden Block	Inflow from Creek/River
242279	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242381	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
243182	Daily CSO Site Inspection	04/12/2024	82249	Wooden Block	Rain
243343	Daily CSO Default 3-4	04/15/2024	82286	Wooden Block	Rain
244735	Daily CSO Default 7 Inflow	05/05/2024	82709	Wooden Block	Inflow from Creek/River
244829	Daily CSO Site Default 3-4	05/06/2024	82713	Wooden Block	Rain
245070	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
245700	Daily CSO Default 7 Inflow	05/10/2024	82792	Wooden Block	Inflow from Creek/River
245715	Daily CSO Default 3-4	05/11/2024	82833	Wooden Block	Rain
245785	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
245886	Daily CSO Default 3-4	05/13/2024	82915	Wooden Block	Rain
246067	Daily CSO Default 7 Inflow	05/15/2024	82963	Wooden Block	Inflow from Creek/River
246088	Daily CSO Default 3-4	05/16/2024	82992	Wooden Block	Rain
246849	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246956	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247790	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249035	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249279	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249465	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-043 (S. KITTATINNY & CAMERON)					
230686	Daily CSO Default 3-4	01/10/2024	80351	Wooden Block	Rain
230867	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
232036	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
238797	Daily CSO Default 7 Inflow	04/01/2024	82051	Wooden Block	Inflow from Creek/River
242155	Daily CSO Site Inspection	04/02/2024	82059	Wooden Block	Rain
242194	Daily CSO Default 7 Inflow	04/03/2024	82070	Wooden Block	Inflow from Creek/River
242281	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242382	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
242408	Daily CSO Default 7 Inflow	04/06/2024	82130	Wooden Block	Inflow from Creek/River
243178	Daily CSO Default 3-4	04/12/2024	82249	Wooden Block	Rain
244743	Daily CSO Default 3-4	05/05/2024	82709	Wooden Block	Rain
245691	Daily CSO Default 7 Inflow	05/10/2024	82792	Wooden Block	Inflow from Creek/River
246069	Daily CSO Default 7 Inflow	05/15/2024	82963	Wooden Block	Inflow from Creek/River
246831	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246960	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247796	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
247899	Daily CSO Default 3-4	06/07/2024	83409	Wooden Block	Rain
249050	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249283	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249469	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-044 (CAMERON & BERRYHILL)					
230687	Daily CSO Default 3-4	01/10/2024	80351	Wooden Block	Rain
230869	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
232037	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
234273	Daily CSO Default 3-4	03/02/2024	81447	Wooden Block	Rain
242145	Daily CSO Default 3-4	04/02/2024	82059	Wooden Block	Rain
242212	Daily CSO Default 3-4	04/03/2024	82070	Wooden Block	Rain
242365	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
242409	Daily CSO Default 7 Inflow	04/06/2024	82130	Wooden Block	Inflow from Creek/River
246834	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246963	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247798	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249285	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249471	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-045 (S. PAXTON STREET)					
230870	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
232038	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain

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Inspection Id	Inspection Type	Date Inspected	Work Order #	Comments	Cause
234274	Daily CSO Default 3-4	03/02/2024	81447	Wooden Block	Rain
234504	Daily CSO Site Inspection	03/05/2024	81477	Wooden Block	Rain
242156	Daily CSO Site Inspection	04/02/2024	82059	Wooden Block	Rain
244407	Daily CSO Default 3-4	04/03/2024	82070	Wooden Block	Rain
242283	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242367	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
242395	Daily CSO Default 7 Inflow	04/06/2024	82130	Wooden Block	Inflow from Creek/River
244758	Daily CSO Site Inspection	05/05/2024	82709	Wooden Block	Rain
246835	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
247800	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
CSO-046 (N. PAXTON STREET)					
230872	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
232039	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
234275	Daily CSO Default 3-4	03/02/2024	81447	Wooden Block	Rain
242157	Daily CSO Site Inspection	04/02/2024	82059	Wooden Block	Rain
244408	Daily CSO Default 3-4	04/03/2024	82070	Wooden Block	Rain
242285	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242369	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
242397	Daily CSO Default 7 Inflow	04/06/2024	82130	Wooden Block	Inflow from Creek/River
244759	Daily CSO Site Inspection	05/05/2024	82709	Wooden Block	Rain
246837	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
247802	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
CSO-048 (10TH & SHANNON)					
230692	Daily CSO Site Inspection	01/10/2024	80351	Wooden Block	Rain
230754	Daily CSO Site Inspection	01/11/2024	80368	Dry Weather Overflow	Unknown
230874	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
231731	Daily CSO Default 3-4	01/26/2024	80632	Wooden Block	Rain
232040	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
231937	Daily CSO Default 3-4	01/29/2024	80659	Wooden Block	Rain
234276	Daily CSO Default 3-4	03/02/2024	81447	Wooden Block	Rain
234336	Daily CSO Default 3-4	03/03/2024	81462	Wooden Block	Rain
234571	Daily CSO Default 3-4	03/06/2024	81518	Wooden Block	Rain
234869	Daily CSO Default 3-4	03/10/2024	81627	Wooden Block	Rain
237569	Daily CSO Default 3-4	03/23/2024	81940	Wooden Block	Rain
237635	Daily CSO Default 3-4	03/24/2024	81950	Wooden Block	Rain
237890	Daily CSO Default 3-4	03/28/2024	82005	Wooden Block	Rain
238093	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
239604	Daily CSO Site Inspection	04/01/2024	82051	Wooden Block	Rain
242158	Daily CSO Site Inspection	04/02/2024	82059	Wooden Block	Rain
242191	Daily CSO Site Inspection	04/03/2024	82070	Wooden Block	Rain
242287	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242371	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
242399	Daily CSO Default 7 Inflow	04/06/2024	82130	Wooden Block	Inflow from Creek/River
243183	Daily CSO Site Inspection	04/12/2024	82249	Wooden Block	Rain
244760	Daily CSO Site Inspection	05/05/2024	82709	Wooden Block	Rain
245074	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
245678	Daily CSO Site Inspection	05/10/2024	82792	Wooden Block	Rain
245787	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
246071	Daily CSO Default 7 Inflow	05/15/2024	82963	Wooden Block	Inflow from Creek/River
246839	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
247803	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249039	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249287	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
CSO-049 (FRONT & SCHUYLKILL)					
230662	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230899	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231891	Daily CSO Default 3-4	01/28/2024	80654	Wooden Block	Rain
231903	Daily CSO Default 7 Inflow	01/29/2024	80660	Wooden Block	Inflow from Creek/River
231993	Daily CSO Default 7 Inflow	01/30/2024	80669	Wooden Block	Inflow from Creek/River
234163	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234366	Daily CSO Default 3-4	03/03/2024	81463	Wooden Block	Rain
234526	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234893	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
238147	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242169	Daily CSO Site Inspection	04/02/2024	82057	Wooden Block	Rain
242221	Daily CSO Default 3-4	04/03/2024	82071	Wooden Block	Rain
242306	Daily CSO Default 7 Inflow	04/04/2024	82087	Wooden Block	Inflow from Creek/River
242350	Daily CSO Default 7 Inflow	04/05/2024	82113	Wooden Block	Inflow from Creek/River
242444	Daily CSO Default 7 Inflow	04/06/2024	82127	Wooden Block	Inflow from Creek/River
243153	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243341	Daily CSO Default 3-4	04/15/2024	82287	Wooden Block	Rain

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Inspection Id	Inspection Type	Date Inspected	Work Order #	Comments	Cause
243625	Daily CSO Default 3-4	04/18/2024	82333	Wooden Block	Rain
244804	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245033	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245660	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245812	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246011	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246880	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246981	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247822	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249014	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249315	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249499	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-050 (SENECA & SUSQUEHANNA)					
230646	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230886	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231883	Daily CSO Default 3-4	01/28/2024	80654	Wooden Block	Rain
234150	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234297	Daily CSO Default 3-4	03/02/2024	81446	Wooden Block	Rain
234579	Daily CSO Default 3-4	03/06/2024	81499	Wooden Block	Rain
234884	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
235249	Daily CSO Default 3-4	03/15/2024	81815	Wooden Block	Rain
237661	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain
242165	Daily CSO Site Inspection	04/02/2024	82057	Wooden Block	Rain
242347	Daily CSO Default 7 Inflow	04/05/2024	82113	Wooden Block	Inflow from Creek/River
242442	Daily CSO Default 7 Inflow	04/06/2024	82127	Wooden Block	Inflow from Creek/River
243136	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
244314	Daily CSO Default 3-4	04/28/2024	82597	Wooden Block	Rain
244801	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245023	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245657	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245740	Daily CSO Default 3-4	05/11/2024	82831	Wooden Block	Rain
245817	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246004	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246119	Daily CSO Default 3-4	05/16/2024	82988	Wooden Block	Rain
246866	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246978	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247828	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249301	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249485	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-051 (WOODBINE & GREEN)					
230650	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230889	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231693	Daily CSO Default 3-4	01/26/2024	80633	Wooden Block	Rain
232045	Daily CSO Site Inspection	01/28/2024	80654	Wooden Block	Rain
234153	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234369	Daily CSO Default 3-4	03/03/2024	81463	Wooden Block	Rain
234508	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234466	Daily CSO Site Inspection	03/05/2024	81479	Wooden Block	Rain
234581	Daily CSO Default 3-4	03/06/2024	81499	Wooden Block	Rain
234655	Daily CSO Default 3-4	03/07/2024	81547	Wooden Block	Rain
234886	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
237590	Daily CSO Site Inspection	03/23/2024	81941	Wooden Block	Rain
237663	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain
238146	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242166	Daily CSO Site Inspection	04/02/2024	82057	Wooden Block	Rain
242227	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242308	Daily CSO Default 7 Inflow	04/04/2024	82087	Wooden Block	Inflow from Creek/River
242349	Daily CSO Default 7 Inflow	04/05/2024	82113	Wooden Block	Inflow from Creek/River
242443	Daily CSO Default 7 Inflow	04/06/2024	82127	Wooden Block	Inflow from Creek/River
243138	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243222	Daily CSO Default 3-4	04/13/2024	82266	Wooden Block	Rain
244776	Daily CSO Site Inspection	05/05/2024	82708	Wooden Block	Rain
244803	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245026	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
246210	Daily CSO Site Inspection	05/10/2024	82794	Wooden Block	Rain
245741	Daily CSO Default 3-4	05/11/2024	82831	Wooden Block	Rain
245818	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246006	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246869	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246980	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247829	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain

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Inspection Id	Inspection Type	Date Inspected	Work Order #	Comments	Cause
249005	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249304	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249488	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-052 (FRONT & STATE)					
230641	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230900	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231670	Daily CSO Default 3-4	01/25/2024	80608	Wooden Block	Rain
231696	Daily CSO Default 3-4	01/26/2024	80633	Wooden Block	Rain
231892	Daily CSO Default 3-4	01/28/2024	80654	Wooden Block	Rain
231909	Daily CSO Default 3-4	01/29/2024	80660	Wooden Block	Rain
233061	Daily CSO Default 3-4	02/14/2024	80987	Wooden Block	Rain
234062	Daily CSO Default 3-4	02/28/2024	81342	Wooden Block	Rain
234165	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234527	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234471	Daily CSO Site Inspection	03/05/2024	81479	Wooden Block	Rain
234603	Daily CSO Default 3-4	03/06/2024	81499	Wooden Block	Rain
234659	Daily CSO Default 3-4	03/07/2024	81547	Wooden Block	Rain
235543	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
235251	Daily CSO Default 3-4	03/15/2024	81815	Wooden Block	Rain
237600	Daily CSO Default 3-4	03/23/2024	81941	Wooden Block	Rain
237664	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain
238130	Daily CSO Default 3-4	03/31/2024	82049	Wooden Block	Rain
238149	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242171	Daily CSO Default 3-4	04/02/2024	82057	Wooden Block	Rain
242234	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242324	Daily CSO Default 3-4	04/04/2024	82087	Wooden Block	Rain
242341	Daily CSO Default 3-4	04/05/2024	82113	Wooden Block	Rain
243154	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243226	Daily CSO Default 3-4	04/13/2024	82266	Wooden Block	Rain
243326	Daily CSO Default 3-4	04/15/2024	82287	Wooden Block	Rain
243626	Daily CSO Default 3-4	04/18/2024	82333	Wooden Block	Rain
244315	Daily CSO Default 3-4	04/28/2024	82597	Wooden Block	Rain
244777	Daily CSO Site Inspection	05/05/2024	82708	Wooden Block	Rain
244805	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245035	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245662	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245746	Daily CSO Default 3-4	05/11/2024	82831	Wooden Block	Rain
245813	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
245913	Daily CSO Default 3-4	05/13/2024	82916	Wooden Block	Rain
246013	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246302	Daily CSO Default 3-4	05/19/2024	83057	Wooden Block	Rain
246882	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246983	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247823	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
247926	Daily CSO Default 3-4	06/07/2024	83412	Wooden Block	Rain
249016	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249317	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249501	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-053 (FRONT & SOUTH)					
230644	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230903	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231893	Daily CSO Default 3-4	01/28/2024	80654	Wooden Block	Rain
232988	Daily CSO Default 3-4	02/13/2024	80970	Wooden Block	Rain
234063	Daily CSO Default 3-4	02/28/2024	81342	Wooden Block	Rain
234167	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234529	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
242173	Daily CSO Default 3-4	04/02/2024	82057	Wooden Block	Rain
242236	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242325	Daily CSO Default 3-4	04/04/2024	82087	Wooden Block	Rain
243132	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243328	Daily CSO Default 3-4	04/15/2024	82287	Wooden Block	Rain
243627	Daily CSO Default 3-4	04/18/2024	82333	Wooden Block	Rain
244807	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245037	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245664	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245747	Daily CSO Default 3-4	05/11/2024	82831	Wooden Block	Rain
245814	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246015	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246858	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246985	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247824	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain

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247927	Daily CSO Default 3-4	06/07/2024	83412	Wooden Block	Rain
249018	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249319	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249480	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-054 (FRONT & PINE)					
230647	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230882	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231894	Daily CSO Default 3-4	01/28/2024	80654	Wooden Block	Rain
231910	Daily CSO Default 3-4	01/29/2024	80660	Wooden Block	Rain
232989	Daily CSO Default 3-4	02/13/2024	80970	Wooden Block	Rain
234064	Daily CSO Default 3-4	02/28/2024	81342	Wooden Block	Rain
234169	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234368	Daily CSO Default 3-4	03/03/2024	81463	Wooden Block	Rain
234532	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234898	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
235147	Daily CSO Site Inspection	03/13/2024	81673	Dry Weather Overflow	Unknown
235479	Daily CSO Site Inspection	03/17/2024	81850	Dry Weather Overflow	Unknown
238003	Daily CSO Site Inspection	03/29/2024	82027	Dry Weather Overflow	Blocked with Heavy Rags
238104	Daily CSO Default 3-4	03/31/2024	82049	Wooden Block	Rain
238151	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242175	Daily CSO Default 3-4	04/02/2024	82057	Wooden Block	Rain
242238	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242326	Daily CSO Default 3-4	04/04/2024	82087	Wooden Block	Rain
243133	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243330	Daily CSO Default 3-4	04/15/2024	82287	Wooden Block	Rain
244779	Daily CSO Site Inspection	05/05/2024	82708	Wooden Block	Rain
244810	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245039	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245667	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245815	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246017	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246861	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246987	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247825	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249020	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249296	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249483	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-055 (FRONT & LOCUST)					
230649	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230885	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231671	Daily CSO Default 3-4	01/25/2024	80608	Wooden Block	Rain
231882	Daily CSO Default 3-4	01/28/2024	80654	Wooden Block	Rain
232978	Daily CSO Default 3-4	02/13/2024	80970	Wooden Block	Rain
234065	Daily CSO Default 3-4	02/28/2024	81342	Wooden Block	Rain
234148	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234370	Daily CSO Default 3-4	03/03/2024	81463	Wooden Block	Rain
234534	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234876	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
237666	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain
238105	Daily CSO Default 3-4	03/31/2024	82049	Wooden Block	Rain
238142	Daily CSO Default 3-4	04/01/2024	82052	Wooden Block	Rain
242177	Daily CSO Default 3-4	04/02/2024	82057	Wooden Block	Rain
242239	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242327	Daily CSO Default 3-4	04/04/2024	82087	Wooden Block	Rain
243135	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243332	Daily CSO Default 3-4	04/15/2024	82287	Wooden Block	Rain
244316	Daily CSO Default 3-4	04/28/2024	82597	Wooden Block	Rain
244763	Daily CSO Default 3-4	05/05/2024	82708	Wooden Block	Rain
245019	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245669	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245802	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246019	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246865	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246989	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247826	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249022	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249300	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249486	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-056 (FRONT & WALNUT)					
230652	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230888	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - Field Observations
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Inspection Id	Inspection Type	Date Inspected	Work Order #	Comments	Cause
231884	Daily CSO Default 3-4	01/28/2024	80654	Wooden Block	Rain
231911	Daily CSO Default 3-4	01/29/2024	80660	Wooden Block	Rain
232979	Daily CSO Default 3-4	02/13/2024	80970	Wooden Block	Rain
234151	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234373	Daily CSO Default 3-4	03/03/2024	81463	Wooden Block	Rain
234536	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234448	Daily CSO Default 3-4	03/05/2024	81479	Wooden Block	Rain
234578	Daily CSO Default 3-4	03/06/2024	81499	Wooden Block	Rain
234879	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
237668	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain
238153	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242179	Daily CSO Default 3-4	04/02/2024	82057	Wooden Block	Rain
242241	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
243137	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243227	Daily CSO Default 3-4	04/13/2024	82266	Wooden Block	Rain
243334	Daily CSO Default 3-4	04/15/2024	82287	Wooden Block	Rain
244811	Daily CSO Default 3-4	05/06/2024	82714	Wooden Block	Rain
245022	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245671	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245806	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
245914	Daily CSO Default 3-4	05/13/2024	82916	Wooden Block	Rain
246021	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246868	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246991	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247814	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249001	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249303	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249489	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-057 (CHERRY & MULBERRY)					
230655	Daily CSO Default 3-4	01/10/2024	80345	Wooden Block	Rain
230890	Daily CSO Default 3-4	01/13/2024	80423	Wooden Block	Rain
231236	Daily CSO Site Inspection	01/18/2024	80527	Dry Weather Overflow	Unknown
231886	Daily CSO Default 3-4	01/28/2024	80654	Wooden Block	Rain
231912	Daily CSO Default 3-4	01/29/2024	80660	Wooden Block	Rain
232981	Daily CSO Default 3-4	02/13/2024	80970	Wooden Block	Rain
234055	Daily CSO Default 3-4	02/28/2024	81342	Wooden Block	Rain
234154	Daily CSO Default 3-4	02/29/2024	81367	Wooden Block	Rain
234375	Daily CSO Default 3-4	03/03/2024	81463	Wooden Block	Rain
234538	Daily CSO Site Inspection	03/04/2024	81446	Wooden Block	Rain
234449	Daily CSO Default 3-4	03/05/2024	81479	Wooden Block	Rain
234580	Daily CSO Default 3-4	03/06/2024	81499	Wooden Block	Rain
234882	Daily CSO Default 3-4	03/10/2024	81628	Wooden Block	Rain
237670	Daily CSO Default 3-4	03/24/2024	81951	Wooden Block	Rain
238107	Daily CSO Default 3-4	03/31/2024	82049	Wooden Block	Rain
238155	Daily CSO Site Inspection	04/01/2024	82052	Wooden Block	Rain
242181	Daily CSO Default 3-4	04/02/2024	82057	Wooden Block	Rain
242222	Daily CSO Site Inspection	04/03/2024	82071	Wooden Block	Rain
242317	Daily CSO Default 3-4	04/04/2024	82087	Wooden Block	Rain
243139	Daily CSO Default 3-4	04/12/2024	82250	Wooden Block	Rain
243336	Daily CSO Default 3-4	04/15/2024	82287	Wooden Block	Rain
243628	Daily CSO Default 3-4	04/18/2024	82333	Wooden Block	Rain
245025	Daily CSO Default 3-4	05/08/2024	82736	Wooden Block	Rain
245672	Daily CSO Default 3-4	05/10/2024	82794	Wooden Block	Rain
245808	Daily CSO Default 3-4	05/12/2024	82913	Wooden Block	Rain
246001	Daily CSO Default 3-4	05/15/2024	82965	Wooden Block	Rain
246646	Daily CSO Default 3-4	05/23/2024	83095	Wooden Block	Rain
246871	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
246993	Daily CSO Default 3-4	05/28/2024	83158	Wooden Block	Rain
247817	Daily CSO Default 3-4	06/06/2024	83386	Wooden Block	Rain
249004	Daily CSO Default 3-4	06/23/2024	83967	Wooden Block	Rain
249306	Daily CSO Default 3-4	06/27/2024	84030	Wooden Block	Rain
249492	Daily CSO Default 3-4	06/30/2024	84153	Wooden Block	Rain
CSO-058 (FRONT & TUSCARORA)					
230701	Daily CSO Default 7 Inflow	01/11/2024	80361	Wooden Block	Inflow from Creek/River
230782	Daily CSO Default 7 Inflow	01/12/2024	80394	Wooden Block	Inflow from Creek/River
230906	Daily CSO Default 7 Inflow	01/13/2024	80423	Wooden Block	Inflow from Creek/River
230933	Daily CSO Default 7 Inflow	01/14/2024	80453	Wooden Block	Inflow from Creek/River
231002	Daily CSO Default 7 Inflow	01/15/2024	80454	Wooden Block	Inflow from Creek/River
231895	Daily CSO Default 7 Inflow	01/28/2024	80654	Wooden Block	Inflow from Creek/River
231904	Daily CSO Default 7 Inflow	01/29/2024	80660	Wooden Block	Inflow from Creek/River
231994	Daily CSO Default 7 Inflow	01/30/2024	80669	Wooden Block	Inflow from Creek/River

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Inspection Id	Inspection Type	Date Inspected	Work Order #	Comments	Cause
232137	Daily CSO Default 7 Inflow	01/31/2024	80698	Wooden Block	Inflow from Creek/River
234464	Daily CSO Default 7 Inflow	03/05/2024	81479	Wooden Block	Inflow from Creek/River
234905	Daily CSO Default 7 Inflow	03/11/2024	81630	Wooden Block	Inflow from Creek/River
234984	Daily CSO Default 7 Inflow	03/12/2024	81648	Wooden Block	Inflow from Creek/River
238138	Daily CSO Default 7 Inflow	04/01/2024	82052	Wooden Block	Inflow from Creek/River
242162	Daily CSO Default 7 Inflow	04/02/2024	82057	Wooden Block	Inflow from Creek/River
242217	Daily CSO Default 7 Inflow	04/03/2024	82071	Wooden Block	Inflow from Creek/River
242309	Daily CSO Default 7 Inflow	04/04/2024	82087	Wooden Block	Inflow from Creek/River
242352	Daily CSO Default 7 Inflow	04/05/2024	82113	Wooden Block	Inflow from Creek/River
242446	Daily CSO Default 7 Inflow	04/06/2024	82127	Wooden Block	Inflow from Creek/River
242490	Daily CSO Default 7 Inflow	04/07/2024	82145	Wooden Block	Inflow from Creek/River
243288	Daily CSO Default 7 Inflow	04/14/2024	82277	Wooden Block	Inflow from Creek/River
243318	Daily CSO Default 7 Inflow	04/15/2024	82287	Wooden Block	Inflow from Creek/River
243629	Daily CSO Default 3-4	04/18/2024	82333	Wooden Block	Rain
246874	Daily CSO Default 3-4	05/26/2024	83151	Wooden Block	Rain
CSO-059 (E. KITTATINNY & CAMERON)					
230685	Daily CSO Default 3-4	01/10/2024	80351	Wooden Block	Rain
230864	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
231730	Daily CSO Default 3-4	01/26/2024	80632	Wooden Block	Rain
232035	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
233017	Daily CSO Default 3-4	02/13/2024	80972	Wooden Block	Rain
233068	Daily CSO Default 3-4	02/14/2024	80991	Wooden Block	Rain
234111	Daily CSO Default 3-4	02/28/2024	81343	Wooden Block	Rain
234272	Daily CSO Default 3-4	03/02/2024	81447	Wooden Block	Rain
234335	Daily CSO Default 3-4	03/03/2024	81462	Wooden Block	Rain
234503	Daily CSO Site Inspection	03/05/2024	81477	Wooden Block	Rain
234570	Daily CSO Default 3-4	03/06/2024	81518	Wooden Block	Rain
234867	Daily CSO Default 3-4	03/10/2024	81627	Wooden Block	Rain
237568	Daily CSO Default 3-4	03/23/2024	81940	Wooden Block	Rain
237634	Daily CSO Default 3-4	03/24/2024	81950	Wooden Block	Rain
237889	Daily CSO Default 3-4	03/28/2024	82005	Wooden Block	Rain
238087	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
239602	Daily CSO Site Inspection	04/01/2024	82051	Wooden Block	Rain
242154	Daily CSO Site Inspection	04/02/2024	82059	Wooden Block	Rain
242190	Daily CSO Site Inspection	04/03/2024	82070	Wooden Block	Rain
242299	Daily CSO Default 3-4	04/04/2024	82081	Wooden Block	Rain
242364	Daily CSO Default 3-4	04/05/2024	82110	Wooden Block	Rain
243177	Daily CSO Default 3-4	04/12/2024	82249	Wooden Block	Rain
243217	Daily CSO Default 3-4	04/13/2024	82270	Wooden Block	Rain
243345	Daily CSO Default 3-4	04/15/2024	82286	Wooden Block	Rain
243598	Daily CSO Default 3-4	04/18/2024	82332	Wooden Block	Rain
245072	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
246052	Daily CSO Default 3-4	05/15/2024	82963	Wooden Block	Rain
246614	Daily CSO Default 3-4	05/23/2024	83102	Wooden Block	Rain
246827	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246958	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247793	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249037	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249281	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249467	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-060 (SALMON STREET)					
230691	Daily CSO Site Inspection	01/10/2024	80351	Wooden Block	Rain
230857	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
232041	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
231926	Daily CSO Default 7 Inflow	01/29/2024	80659	Wooden Block	Inflow from Creek/River
231964	Daily CSO Default 7 Inflow	01/30/2024	80670	Wooden Block	Inflow from Creek/River
234277	Daily CSO Default 3-4	03/02/2024	81447	Wooden Block	Rain
234871	Daily CSO Default 3-4	03/10/2024	81627	Wooden Block	Rain
238094	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
238818	Daily CSO Default 3-4	04/01/2024	82051	Wooden Block	Rain
242148	Daily CSO Site Inspection	04/02/2024	82059	Wooden Block	Rain
242213	Daily CSO Default 3-4	04/03/2024	82070	Wooden Block	Rain
242290	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242373	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
242401	Daily CSO Default 7 Inflow	04/06/2024	82130	Wooden Block	Inflow from Creek/River
244411	Daily CSO Default 3-4	04/12/2024	82249	Wooden Block	Rain
245076	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
246053	Daily CSO Default 3-4	05/15/2024	82963	Wooden Block	Rain
246841	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246965	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247805	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain

CAPITAL REGION WATER
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Inspection Id	Inspection Type	Date Inspected	Work Order #	Comments	Cause
249041	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249288	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249473	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-061 (10TH & SYCAMORE)					
230052	Daily CSO Default 3-4	01/01/2024	80188	Wooden Block	Rain
230693	Daily CSO Site Inspection	01/10/2024	80351	Wooden Block	Rain
230876	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
231639	Daily CSO Default 3-4	01/25/2024	80616	Wooden Block	Rain
231732	Daily CSO Default 3-4	01/26/2024	80632	Wooden Block	Rain
234199	Daily CSO Default 3-4	02/29/2024	81370	Wooden Block	Rain
234337	Daily CSO Default 3-4	03/03/2024	81462	Wooden Block	Rain
242214	Daily CSO Default 3-4	04/03/2024	82070	Wooden Block	Rain
242300	Daily CSO Default 3-4	04/04/2024	82081	Wooden Block	Rain
242375	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
242402	Daily CSO Default 7 Inflow	04/06/2024	82130	Wooden Block	Inflow from Creek/River
243179	Daily CSO Default 3-4	04/12/2024	82249	Wooden Block	Rain
243218	Daily CSO Default 3-4	04/13/2024	82270	Wooden Block	Rain
245078	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
245789	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
246054	Daily CSO Default 3-4	05/15/2024	82963	Wooden Block	Rain
246842	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246967	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247785	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249043	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249290	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249475	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-062 (SHANUIS STREET)					
230694	Daily CSO Site Inspection	01/10/2024	80351	Wooden Block	Rain
230877	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
238819	Daily CSO Default 3-4	04/01/2024	82051	Wooden Block	Rain
242146	Daily CSO Default 3-4	04/02/2024	82059	Wooden Block	Rain
242215	Daily CSO Default 3-4	04/03/2024	82070	Wooden Block	Rain
242291	Daily CSO Default 7 Inflow	04/04/2024	82081	Wooden Block	Inflow from Creek/River
242378	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
242404	Daily CSO Default 7 Inflow	04/06/2024	82130	Wooden Block	Inflow from Creek/River
243180	Daily CSO Default 3-4	04/12/2024	82249	Wooden Block	Rain
245079	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
245791	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
246055	Daily CSO Default 3-4	05/15/2024	82963	Wooden Block	Rain
246843	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246968	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247788	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249045	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249292	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249454	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-063 (CAMERON & HANOVER)					
230695	Daily CSO Site Inspection	01/10/2024	80351	Wooden Block	Rain
230878	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
232042	Daily CSO Site Inspection	01/28/2024	80653	Wooden Block	Rain
231927	Daily CSO Default 7 Inflow	01/29/2024	80659	Wooden Block	Inflow from Creek/River
231965	Daily CSO Default 7 Inflow	01/30/2024	80670	Wooden Block	Inflow from Creek/River
234200	Daily CSO Default 3-4	02/29/2024	81370	Wooden Block	Rain
235363	Daily CSO Default 3-4	03/05/2024	81477	Wooden Block	Rain
234572	Daily CSO Default 3-4	03/06/2024	81518	Wooden Block	Rain
235329	Daily CSO Default 3-4	03/15/2024	81814	Wooden Block	Rain
237636	Daily CSO Default 3-4	03/24/2024	81950	Wooden Block	Rain
238096	Daily CSO Default 3-4	03/31/2024	82048	Wooden Block	Rain
239605	Daily CSO Site Inspection	04/01/2024	82051	Wooden Block	Rain
242149	Daily CSO Site Inspection	04/02/2024	82059	Wooden Block	Rain
242204	Daily CSO Default 3-4	04/03/2024	82070	Wooden Block	Rain
242301	Daily CSO Default 3-4	04/04/2024	82081	Wooden Block	Rain
243169	Daily CSO Default 3-4	04/12/2024	82249	Wooden Block	Rain
244283	Daily CSO Default 3-4	04/28/2024	82596	Wooden Block	Rain
244744	Daily CSO Default 3-4	05/05/2024	82709	Wooden Block	Rain
245082	Daily CSO Default 3-4	05/08/2024	82740	Wooden Block	Rain
245707	Daily CSO Default 3-4	05/10/2024	82792	Wooden Block	Rain
245793	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
246056	Daily CSO Default 3-4	05/15/2024	82963	Wooden Block	Rain
246844	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
246971	Daily CSO Default 3-4	05/28/2024	83157	Wooden Block	Rain
247791	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - Field Observations
01/01/2024 - 06/30/2024

Inspection Id	Inspection Type	Date Inspected	Work Order #	Comments	Cause
249028	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249294	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249458	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain
CSO-064 (CAMERON & MAGNOLIA)					
230696	Daily CSO Site Inspection	01/10/2024	80351	Wooden Block	Rain
230879	Daily CSO Default 3-4	01/13/2024	80431	Wooden Block	Rain
234112	Daily CSO Default 3-4	02/28/2024	81343	Wooden Block	Rain
242206	Daily CSO Default 3-4	04/03/2024	82070	Wooden Block	Rain
242380	Daily CSO Default 7 Inflow	04/05/2024	82110	Wooden Block	Inflow from Creek/River
243171	Daily CSO Default 3-4	04/12/2024	82249	Wooden Block	Rain
243347	Daily CSO Default 3-4	04/15/2024	82286	Wooden Block	Rain
245795	Daily CSO Default 3-4	05/12/2024	82912	Wooden Block	Rain
246459	Daily CSO Default 3-4	05/19/2024	83056	Wooden Block	Rain
246828	Daily CSO Default 3-4	05/26/2024	83150	Wooden Block	Rain
247794	Daily CSO Default 3-4	06/06/2024	83385	Wooden Block	Rain
249047	Daily CSO Default 3-4	06/23/2024	83966	Wooden Block	Rain
249276	Daily CSO Default 3-4	06/27/2024	84033	Wooden Block	Rain
249461	Daily CSO Default 3-4	06/30/2024	84154	Wooden Block	Rain

APPENDIX K-3B

H&H MODEL SIMULATION
COMBINED SEWER OVERFLOW REPORT

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
CSO-04					7,514,000
1/6/24 13:40	1/6/24 23:20	1.19	21.8	9.5	456,399
1/9/24 10:10	1/10/24 1:50	2.15	17.4	15.5	859,733
1/12/24 20:50	1/13/24 3:50	0.92	8.8	6.8	332,961
1/24/24 21:10	1/25/24 8:40	0.26	20.3	3.0	10,592
1/25/24 23:00	1/26/24 4:00	0.22	10.1	4.7	29,249
1/28/24 2:10	1/28/24 10:20	0.79	12.6	8.2	230,694
2/13/24 0:30	2/13/24 10:10	1.38	12.3	9.5	516,245
2/17/24 1:10	2/17/24 4:10	0.20	8.0	2.8	38,351
2/22/24 22:40	2/23/24 1:00	0.24	15.3	2.2	17,398
2/28/24 5:20	2/28/24 19:50	0.74	28.0	11.7	202,662
3/2/24 7:00	3/2/24 16:10	0.60	15.2	9.0	169,131
3/5/24 8:40	3/5/24 10:50	0.22	6.4	2.0	20,572
3/6/24 22:40	3/7/24 2:30	0.22	16.5	2.5	18,845
3/9/24 12:00	3/9/24 21:30	1.17	19.5	9.5	414,531
3/23/24 2:00	3/23/24 14:20	0.97	13.2	12.2	268,341
3/30/24 20:20	3/30/24 22:50	0.21	4.8	2.5	34,165
4/1/24 7:00	4/1/24 12:10	0.65	6.1	5.2	216,624
4/2/24 3:20	4/3/24 20:40	2.53	45.5	25.3	835,301
4/12/24 6:30	4/12/24 10:50	0.60	16.3	4.2	158,060
4/14/24 23:30	4/15/24 1:50	0.24	7.8	2.2	40,456
4/18/24 0:20	4/18/24 2:30	0.08	2.9	1.8	56,206
5/4/24 19:20	5/5/24 10:20	0.83	37.7	13.3	157,779
5/8/24 5:10	5/8/24 7:30	0.39	1.2	2.2	139,633
5/9/24 18:20	5/10/24 15:10	1.26	26.5	18.2	419,163
5/11/24 19:00	5/12/24 16:30	0.62	27.7	5.2	117,977
5/14/24 19:00	5/15/24 1:10	0.92	19.3	6.0	291,494
5/25/24 17:40	5/25/24 22:20	0.66	7.3	4.7	514,292
5/27/24 1:20	5/27/24 2:10	0.11	1.2	0.8	5,918
5/27/24 18:40	5/27/24 20:50	0.36	6.8	2.2	215,057
6/5/24 18:40	6/6/24 0:30	1.00	6.4	5.7	343,394
6/23/24 0:40	6/23/24 1:30	0.76	10.3	0.8	5,767
6/26/24 23:00	6/27/24 1:50	1.52	7.7	2.7	377,201
CSO-05					10,093,000
1/6/24 14:00	1/6/24 22:20	1.19	21.8	8.3	652,940
1/9/24 10:20	1/9/24 23:50	2.15	17.4	13.5	1,311,418
1/12/24 21:00	1/13/24 2:40	0.92	8.8	5.3	481,429
1/28/24 2:30	1/28/24 9:20	0.79	12.6	6.7	283,222
2/13/24 0:40	2/13/24 9:20	1.38	12.3	8.5	773,807
2/17/24 1:50	2/17/24 3:10	0.20	8.0	1.5	25,354
2/28/24 5:30	2/28/24 19:00	0.74	28.0	7.3	199,672
3/2/24 7:20	3/2/24 15:10	0.60	15.2	5.8	165,024
3/5/24 9:10	3/5/24 9:40	0.22	6.4	0.5	2,449
3/6/24 23:10	3/6/24 23:20	0.22	16.5	0.3	516
3/9/24 12:30	3/9/24 20:40	1.17	19.5	8.3	586,647
3/23/24 3:20	3/23/24 13:30	0.97	13.2	10.3	298,228
3/30/24 20:30	3/30/24 22:10	0.21	4.8	1.5	26,134
4/1/24 7:10	4/1/24 11:30	0.65	6.1	4.3	300,422
4/2/24 4:30	4/3/24 14:10	2.53	45.5	16.3	1,056,154
4/12/24 6:40	4/12/24 9:50	0.60	16.3	3.2	220,321
4/14/24 23:40	4/15/24 1:10	0.24	7.8	1.3	35,980
4/18/24 0:20	4/18/24 1:30	0.08	2.9	1.3	79,276
5/4/24 23:20	5/5/24 9:10	0.83	37.7	6.3	111,951
5/8/24 5:10	5/8/24 6:50	0.39	1.2	1.8	200,386
5/9/24 19:10	5/10/24 9:50	1.26	26.5	10.7	467,884
5/11/24 19:00	5/12/24 15:50	0.62	27.7	2.8	123,182

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
5/14/24 20:00	5/15/24 0:20	0.92	19.3	4.3	412,242
5/25/24 17:40	5/25/24 21:40	0.66	7.3	3.5	870,317
5/27/24 18:40	5/27/24 20:20	0.36	6.8	1.7	346,547
6/5/24 18:50	6/5/24 23:50	1.00	6.4	5.2	486,396
6/26/24 23:00	6/27/24 1:10	1.52	7.7	2.2	575,531
CSO-06					2,636,000
1/6/24 14:20	1/6/24 21:10	1.19	21.8	6.5	178,619
1/9/24 10:20	1/9/24 21:30	2.15	17.4	11.3	375,616
1/12/24 21:10	1/13/24 1:40	0.92	8.8	3.7	126,843
1/28/24 3:00	1/28/24 11:30	0.79	12.6	2.3	79,144
2/13/24 1:10	2/13/24 7:50	1.38	12.3	6.8	212,244
2/28/24 18:10	2/28/24 18:30	0.74	28.0	0.5	3,524
3/2/24 10:00	3/2/24 11:20	0.60	15.2	0.8	9,858
3/9/24 12:40	3/9/24 20:10	1.17	19.5	6.2	144,334
3/23/24 9:10	3/23/24 12:00	0.97	13.2	2.8	32,444
4/1/24 7:20	4/1/24 10:20	0.65	6.1	3.2	66,629
4/2/24 4:30	4/3/24 10:40	2.53	45.5	8.5	268,841
4/12/24 6:40	4/12/24 8:10	0.60	16.3	1.5	48,837
5/8/24 5:10	5/8/24 6:10	0.39	1.2	1.2	112,386
5/9/24 19:20	5/10/24 2:10	1.26	26.5	2.8	65,792
5/11/24 19:20	5/12/24 0:30	0.62	27.7	1.2	20,092
5/14/24 20:20	5/14/24 23:50	0.92	19.3	3.7	94,408
5/25/24 17:50	5/25/24 21:10	0.66	7.3	1.8	166,952
5/27/24 18:50	5/27/24 19:30	0.36	6.8	0.8	103,813
6/5/24 19:00	6/5/24 23:00	1.00	6.4	3.2	156,550
6/22/24 17:10	6/22/24 18:00	0.76	10.3	1.0	44,255
6/26/24 23:00	6/27/24 0:30	1.52	7.7	1.5	325,095
CSO-07					3,358,000
1/6/24 14:00	1/6/24 21:10	1.19	21.8	7.3	222,794
1/9/24 10:10	1/9/24 23:10	2.15	17.4	11.8	470,368
1/12/24 21:00	1/13/24 1:50	0.92	8.8	4.8	170,698
1/28/24 2:30	1/28/24 8:20	0.79	12.6	4.2	83,158
2/13/24 0:40	2/13/24 8:00	1.38	12.3	7.5	276,746
2/28/24 5:30	2/28/24 18:30	0.74	28.0	1.3	28,818
3/2/24 7:20	3/2/24 11:20	0.60	15.2	2.3	24,529
3/5/24 8:40	3/5/24 9:10	0.22	6.4	0.5	1,583
3/9/24 12:30	3/9/24 20:10	1.17	19.5	6.3	185,132
3/23/24 6:10	3/23/24 12:00	0.97	13.2	4.3	51,218
3/30/24 20:30	3/30/24 20:50	0.21	4.8	0.5	7,182
4/1/24 7:10	4/1/24 10:30	0.65	6.1	3.3	88,705
4/2/24 4:20	4/3/24 14:00	2.53	45.5	9.7	372,372
4/12/24 6:40	4/12/24 8:10	0.60	16.3	1.7	59,553
4/14/24 23:40	4/15/24 0:10	0.24	7.8	0.5	9,301
5/5/24 5:50	5/5/24 8:30	0.83	37.7	1.2	6,166
5/8/24 5:10	5/8/24 6:10	0.39	1.2	1.2	119,809
5/9/24 19:00	5/10/24 3:50	1.26	26.5	5.5	103,731
5/11/24 19:10	5/12/24 0:30	0.62	27.7	1.7	45,852
5/14/24 20:10	5/14/24 23:50	0.92	19.3	3.8	125,328
5/25/24 17:50	5/25/24 21:10	0.66	7.3	2.0	184,865
5/27/24 18:50	5/27/24 19:30	0.36	6.8	0.8	117,745
6/5/24 18:50	6/5/24 23:00	1.00	6.4	3.3	193,461
6/22/24 17:10	6/22/24 18:00	0.76	10.3	1.0	53,357
6/26/24 23:00	6/27/24 0:30	1.52	7.7	1.5	351,886
6/29/24 21:50	6/29/24 22:00	0.33	3.8	0.3	3,805
CSO-08					12,369,000
1/6/24 13:20	1/6/24 22:10	1.19	21.8	9.0	803,458

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
1/9/24 10:00	1/9/24 23:50	2.15	17.4	13.7	1,545,075
1/12/24 20:40	1/13/24 2:40	0.92	8.8	5.8	577,498
1/24/24 22:40	1/24/24 23:10	0.26	20.3	0.7	3,986
1/25/24 22:50	1/26/24 2:20	0.22	10.1	3.5	24,971
1/28/24 2:00	1/28/24 10:40	0.79	12.6	7.7	407,676
2/13/24 0:30	2/13/24 9:40	1.38	12.3	9.2	920,084
2/17/24 1:30	2/17/24 3:30	0.20	8.0	2.0	37,917
2/22/24 22:30	2/22/24 23:50	0.24	15.3	1.3	13,171
2/28/24 0:50	2/28/24 19:20	0.74	28.0	8.0	189,938
3/2/24 6:50	3/2/24 15:00	0.60	15.2	6.8	225,259
3/5/24 8:30	3/5/24 10:00	0.22	6.4	1.7	43,114
3/6/24 22:40	3/7/24 2:00	0.22	16.5	1.3	13,647
3/9/24 12:00	3/9/24 20:50	1.17	19.5	9.0	704,872
3/23/24 2:20	3/23/24 13:40	0.97	13.2	11.2	450,994
3/30/24 20:30	3/30/24 22:20	0.21	4.8	2.0	48,444
4/1/24 7:00	4/1/24 11:40	0.65	6.1	4.7	351,564
4/2/24 3:00	4/3/24 20:10	2.53	45.5	21.5	1,337,473
4/12/24 6:30	4/12/24 9:30	0.60	16.3	3.2	200,851
4/14/24 23:40	4/15/24 1:20	0.24	7.8	1.5	48,523
4/18/24 0:40	4/18/24 1:00	0.08	2.9	0.5	3,182
5/4/24 23:20	5/5/24 9:20	0.83	37.7	7.3	166,440
5/8/24 5:10	5/8/24 7:00	0.39	1.2	1.8	348,925
5/9/24 18:10	5/10/24 9:30	1.26	26.5	13.2	523,228
5/11/24 18:50	5/12/24 1:10	0.62	27.7	3.2	175,071
5/14/24 20:00	5/15/24 0:40	0.92	19.3	4.7	429,022
5/25/24 17:50	5/25/24 21:50	0.66	7.3	3.5	519,159
5/27/24 1:20	5/27/24 1:40	0.11	1.2	0.5	5,691
5/27/24 18:50	5/27/24 20:20	0.36	6.8	1.7	307,872
6/5/24 18:40	6/5/24 23:50	1.00	6.4	5.3	618,692
6/22/24 17:10	6/23/24 1:10	0.76	10.3	2.3	247,591
6/26/24 23:00	6/27/24 1:20	1.52	7.7	2.3	1,048,095
6/29/24 21:40	6/29/24 22:40	0.33	3.8	1.0	27,841
CSO-09					18,412,000
1/6/24 14:40	1/6/24 22:00	1.19	21.8	7.5	1,356,211
1/9/24 10:30	1/9/24 22:00	2.15	17.4	11.7	2,707,344
1/12/24 21:50	1/13/24 2:20	0.92	8.8	4.5	951,032
1/28/24 3:00	1/28/24 9:00	0.79	12.6	4.3	566,115
2/13/24 1:10	2/13/24 8:30	1.38	12.3	7.5	1,617,385
2/28/24 18:10	2/28/24 19:00	0.74	28.0	1.0	109,442
3/2/24 10:20	3/2/24 11:50	0.60	15.2	1.7	150,538
3/9/24 12:40	3/9/24 20:30	1.17	19.5	8.0	1,304,889
3/23/24 9:00	3/23/24 13:00	0.97	13.2	4.2	476,584
4/1/24 7:20	4/1/24 11:20	0.65	6.1	4.2	633,674
4/2/24 4:30	4/3/24 11:10	2.53	45.5	11.7	2,036,002
4/12/24 6:40	4/12/24 8:40	0.60	16.3	2.2	304,915
5/8/24 5:10	5/8/24 6:50	0.39	1.2	1.8	478,545
5/9/24 22:30	5/10/24 4:10	1.26	26.5	4.8	526,031
5/11/24 19:20	5/12/24 0:50	0.62	27.7	1.8	197,965
5/14/24 20:20	5/15/24 0:30	0.92	19.3	4.2	728,727
5/25/24 18:00	5/25/24 21:30	0.66	7.3	2.8	587,366
5/27/24 18:50	5/27/24 20:00	0.36	6.8	1.3	274,001
6/5/24 19:00	6/5/24 23:40	1.00	6.4	4.8	1,017,770
6/22/24 17:10	6/22/24 18:50	0.76	10.3	1.8	647,884
6/26/24 23:00	6/27/24 1:20	1.52	7.7	2.3	1,683,622
6/29/24 21:50	6/29/24 22:20	0.33	3.8	0.7	55,609
CSO-10					10,996,000

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
1/6/24 13:50	1/6/24 22:50	1.19	21.8	9.2	755,734
1/9/24 10:10	1/9/24 23:50	2.15	17.4	13.8	1,459,691
1/12/24 21:10	1/13/24 3:20	0.92	8.8	6.2	507,560
1/28/24 2:20	1/28/24 10:10	0.79	12.6	8.0	375,713
2/13/24 0:50	2/13/24 10:10	1.38	12.3	9.5	877,160
2/28/24 5:30	2/28/24 19:50	0.74	28.0	7.8	165,781
3/2/24 7:10	3/2/24 15:20	0.60	15.2	7.0	201,330
3/5/24 8:40	3/5/24 10:30	0.22	6.4	1.8	24,326
3/9/24 12:30	3/9/24 21:10	1.17	19.5	8.8	673,310
3/23/24 3:30	3/23/24 14:00	0.97	13.2	10.7	439,024
3/30/24 21:40	3/30/24 22:20	0.21	4.8	0.8	8,936
4/1/24 7:10	4/1/24 12:10	0.65	6.1	5.0	332,444
4/2/24 4:10	4/3/24 20:20	2.53	45.5	22.8	1,263,272
4/12/24 6:30	4/12/24 10:10	0.60	16.3	3.8	192,678
4/14/24 23:50	4/15/24 1:10	0.24	7.8	1.3	12,514
5/4/24 23:40	5/5/24 10:00	0.83	37.7	7.0	146,386
5/8/24 5:10	5/8/24 7:40	0.39	1.2	2.5	269,801
5/9/24 19:00	5/10/24 10:10	1.26	26.5	14.5	425,442
5/11/24 19:10	5/12/24 1:20	0.62	27.7	3.2	124,614
5/14/24 20:10	5/15/24 1:00	0.92	19.3	4.7	382,209
5/25/24 18:00	5/25/24 22:00	0.66	7.3	4.2	326,971
5/27/24 18:50	5/27/24 20:40	0.36	6.8	1.8	142,628
6/5/24 19:00	6/6/24 0:10	1.00	6.4	5.0	535,270
6/22/24 17:10	6/22/24 19:30	0.76	10.3	2.5	362,716
6/26/24 23:00	6/27/24 1:40	1.52	7.7	2.7	957,781
6/29/24 21:40	6/29/24 22:40	0.33	3.8	1.2	32,332
CSO-11					8,854,000
1/6/24 14:00	1/6/24 21:20	1.19	21.8	7.5	624,701
1/9/24 10:10	1/9/24 23:10	2.15	17.4	11.8	1,200,431
1/12/24 21:00	1/13/24 2:00	0.92	8.8	5.0	448,009
1/28/24 2:30	1/28/24 8:30	0.79	12.6	4.5	280,089
2/13/24 0:40	2/13/24 8:10	1.38	12.3	7.5	724,488
2/28/24 0:50	2/28/24 18:50	0.74	28.0	1.7	84,336
3/2/24 7:20	3/2/24 11:30	0.60	15.2	2.7	111,886
3/9/24 12:30	3/9/24 20:20	1.17	19.5	7.3	568,597
3/23/24 5:50	3/23/24 12:40	0.97	13.2	7.0	276,598
4/1/24 7:10	4/1/24 11:10	0.65	6.1	4.2	289,845
4/2/24 4:20	4/3/24 14:00	2.53	45.5	10.7	981,316
4/12/24 6:40	4/12/24 8:20	0.60	16.3	1.8	154,994
4/14/24 23:40	4/15/24 0:10	0.24	7.8	0.3	14,934
5/5/24 5:50	5/5/24 8:40	0.83	37.7	1.2	44,274
5/8/24 5:10	5/8/24 6:20	0.39	1.2	1.3	237,465
5/9/24 19:10	5/10/24 4:00	1.26	26.5	5.8	307,774
5/11/24 19:10	5/12/24 0:40	0.62	27.7	2.0	133,798
5/14/24 20:10	5/15/24 0:10	0.92	19.3	4.0	350,229
5/25/24 17:50	5/25/24 21:20	0.66	7.3	2.3	291,150
5/27/24 18:50	5/27/24 19:40	0.36	6.8	1.0	150,014
6/5/24 18:50	6/5/24 23:10	1.00	6.4	4.5	462,371
6/22/24 17:00	6/22/24 18:20	0.76	10.3	1.5	291,515
6/26/24 22:50	6/27/24 0:40	1.52	7.7	1.8	773,761
6/29/24 21:40	6/29/24 22:20	0.33	3.8	0.8	51,732
CSO-12					4,751,000
1/6/24 14:10	1/6/24 21:40	1.19	21.8	7.5	333,443
1/9/24 10:20	1/9/24 21:40	2.15	17.4	11.5	679,916
1/12/24 21:10	1/13/24 2:00	0.92	8.8	4.8	246,962
1/28/24 2:50	1/28/24 8:40	0.79	12.6	4.3	131,697

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
2/13/24 1:00	2/13/24 8:10	1.38	12.3	7.3	412,491
2/28/24 18:10	2/28/24 18:50	0.74	28.0	0.8	28,631
3/2/24 7:30	3/2/24 11:30	0.60	15.2	2.3	39,034
3/9/24 12:30	3/9/24 20:20	1.17	19.5	7.5	301,124
3/23/24 5:50	3/23/24 12:50	0.97	13.2	7.0	121,872
4/1/24 7:20	4/1/24 11:10	0.65	6.1	4.0	155,773
4/2/24 4:20	4/3/24 10:50	2.53	45.5	10.8	519,195
4/12/24 6:40	4/12/24 8:20	0.60	16.3	1.8	82,024
4/14/24 23:50	4/15/24 0:10	0.24	7.8	0.3	3,244
5/5/24 5:50	5/5/24 8:30	0.83	37.7	1.0	11,669
5/8/24 5:10	5/8/24 6:30	0.39	1.2	1.5	128,244
5/9/24 19:10	5/10/24 2:20	1.26	26.5	4.7	123,869
5/11/24 19:10	5/12/24 0:50	0.62	27.7	2.0	57,696
5/14/24 20:10	5/15/24 0:20	0.92	19.3	4.2	186,487
5/25/24 18:00	5/25/24 21:20	0.66	7.3	2.3	149,276
5/27/24 18:50	5/27/24 19:50	0.36	6.8	1.2	69,789
6/5/24 19:00	6/5/24 23:20	1.00	6.4	4.5	265,305
6/22/24 17:00	6/22/24 18:40	0.76	10.3	1.7	196,395
6/26/24 22:50	6/27/24 1:00	1.52	7.7	2.0	478,788
6/29/24 21:40	6/29/24 22:20	0.33	3.8	0.8	27,737
CSO-13					1,096,000
1/6/24 19:40	1/6/24 20:30	1.19	21.8	1.0	42,978
1/9/24 15:50	1/9/24 19:40	2.15	17.4	2.7	141,128
1/12/24 22:50	1/12/24 23:30	0.92	8.8	0.8	43,809
2/13/24 5:00	2/13/24 7:00	1.38	12.3	2.2	47,482
2/28/24 18:10	2/28/24 18:20	0.74	28.0	0.3	13,226
3/9/24 16:50	3/9/24 17:10	1.17	19.5	0.5	14,333
4/2/24 12:20	4/2/24 13:10	2.53	45.5	1.0	68,296
4/12/24 7:40	4/12/24 7:40	0.60	16.3	0.2	7,128
5/8/24 5:10	5/8/24 5:50	0.39	1.2	0.8	67,747
5/9/24 23:10	5/9/24 23:20	1.26	26.5	0.3	9,315
5/11/24 23:50	5/12/24 0:10	0.62	27.7	0.3	9,939
5/14/24 21:10	5/14/24 21:30	0.92	19.3	0.5	32,880
5/25/24 18:00	5/25/24 18:20	0.66	7.3	0.5	58,229
5/27/24 18:50	5/27/24 19:10	0.36	6.8	0.5	26,578
6/5/24 20:40	6/5/24 22:30	1.00	6.4	1.3	75,692
6/22/24 17:10	6/22/24 17:50	0.76	10.3	0.8	114,414
6/26/24 23:00	6/26/24 23:50	1.52	7.7	1.0	312,165
6/29/24 21:40	6/29/24 21:50	0.33	3.8	0.3	11,119
CSO-14					4,965,000
1/6/24 14:00	1/6/24 21:20	1.19	21.8	7.2	301,877
1/9/24 10:10	1/9/24 21:30	2.15	17.4	11.5	717,053
1/12/24 21:00	1/13/24 1:50	0.92	8.8	4.7	233,002
1/28/24 2:50	1/28/24 8:20	0.79	12.6	3.7	103,681
2/13/24 0:50	2/13/24 8:00	1.38	12.3	7.3	395,675
2/28/24 0:50	2/28/24 18:40	0.74	28.0	1.0	29,510
3/2/24 7:30	3/2/24 11:10	0.60	15.2	1.5	15,545
3/5/24 8:50	3/5/24 8:50	0.22	6.4	0.2	146
3/9/24 12:30	3/9/24 20:10	1.17	19.5	7.0	252,778
3/23/24 6:00	3/23/24 12:10	0.97	13.2	3.8	67,088
4/1/24 7:20	4/1/24 11:00	0.65	6.1	3.8	127,106
4/2/24 4:20	4/3/24 10:40	2.53	45.5	10.0	490,396
4/12/24 6:40	4/12/24 8:10	0.60	16.3	1.7	72,045
4/14/24 23:50	4/14/24 23:50	0.24	7.8	0.2	3,423
5/5/24 8:10	5/5/24 8:20	0.83	37.7	0.2	636
5/8/24 5:10	5/8/24 6:20	0.39	1.2	1.3	126,995

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
5/9/24 19:10	5/10/24 2:00	1.26	26.5	2.8	72,079
5/11/24 19:10	5/12/24 0:40	0.62	27.7	1.8	46,006
5/14/24 20:20	5/14/24 23:50	0.92	19.3	3.7	171,060
5/25/24 18:00	5/25/24 21:10	0.66	7.3	2.0	170,790
5/27/24 19:00	5/27/24 19:40	0.36	6.8	0.8	59,262
6/5/24 18:50	6/5/24 23:10	1.00	6.4	4.0	301,626
6/22/24 17:10	6/22/24 18:30	0.76	10.3	1.5	363,638
6/26/24 22:50	6/27/24 0:50	1.52	7.7	1.8	805,013
6/29/24 21:40	6/29/24 22:20	0.33	3.8	0.7	38,518
CSO-15					4,054,000
1/6/24 15:20	1/6/24 21:40	1.19	21.8	6.3	282,975
1/9/24 10:40	1/9/24 21:50	2.15	17.4	11.2	660,363
1/12/24 22:00	1/13/24 2:10	0.92	8.8	4.2	209,159
1/28/24 5:40	1/28/24 9:00	0.79	12.6	3.3	98,402
2/13/24 1:30	2/13/24 8:20	1.38	12.3	7.0	371,304
2/28/24 18:20	2/28/24 18:50	0.74	28.0	0.7	9,583
3/2/24 10:40	3/2/24 11:40	0.60	15.2	1.0	9,975
3/9/24 12:50	3/9/24 20:30	1.17	19.5	7.3	248,952
3/23/24 9:20	3/23/24 12:50	0.97	13.2	3.7	76,647
4/1/24 7:40	4/1/24 11:10	0.65	6.1	3.7	110,564
4/2/24 4:40	4/3/24 11:00	2.53	45.5	10.3	400,089
4/12/24 7:00	4/12/24 8:30	0.60	16.3	1.7	50,456
5/8/24 5:20	5/8/24 6:40	0.39	1.2	1.5	85,239
5/9/24 22:50	5/10/24 2:20	1.26	26.5	1.8	58,113
5/11/24 23:50	5/12/24 1:00	0.62	27.7	1.0	31,482
5/14/24 21:00	5/15/24 0:20	0.92	19.3	3.3	137,328
5/25/24 18:00	5/25/24 21:30	0.66	7.3	2.3	88,275
5/27/24 19:10	5/27/24 19:50	0.36	6.8	0.8	19,763
6/5/24 19:20	6/5/24 23:30	1.00	6.4	4.3	243,384
6/22/24 17:10	6/22/24 19:10	0.76	10.3	2.2	271,707
6/26/24 23:00	6/27/24 1:20	1.52	7.7	2.3	569,315
6/29/24 21:50	6/29/24 22:20	0.33	3.8	0.7	20,439
CSO-16					1,259,000
1/6/24 13:20	1/6/24 21:00	1.19	21.8	6.8	61,363
1/9/24 9:50	1/9/24 23:00	2.15	17.4	11.5	156,384
1/12/24 20:50	1/13/24 1:40	0.92	8.8	4.7	51,153
1/25/24 22:30	1/26/24 1:10	0.22	10.1	0.2	259
1/28/24 2:00	1/28/24 8:10	0.79	12.6	4.2	19,474
2/13/24 0:20	2/13/24 9:10	1.38	12.3	7.5	80,889
2/28/24 0:40	2/28/24 18:30	0.74	28.0	1.7	16,261
3/2/24 6:40	3/2/24 14:20	0.60	15.2	2.3	5,666
3/5/24 8:20	3/5/24 9:10	0.22	6.4	0.7	1,288
3/9/24 12:00	3/9/24 20:00	1.17	19.5	5.8	51,805
3/23/24 3:00	3/23/24 12:20	0.97	13.2	4.2	12,785
3/30/24 20:20	3/30/24 21:40	0.21	4.8	0.3	784
4/1/24 7:00	4/1/24 10:50	0.65	6.1	3.2	25,778
4/2/24 2:50	4/3/24 15:30	2.53	45.5	9.5	123,286
4/12/24 6:20	4/12/24 8:00	0.60	16.3	1.7	19,693
4/14/24 23:30	4/14/24 23:50	0.24	7.8	0.5	2,561
5/4/24 23:20	5/5/24 8:20	0.83	37.7	1.0	1,956
5/8/24 5:00	5/8/24 6:00	0.39	1.2	1.0	38,841
5/9/24 18:30	5/10/24 7:50	1.26	26.5	4.0	22,442
5/11/24 18:50	5/12/24 0:20	0.62	27.7	1.5	18,243
5/14/24 19:50	5/14/24 23:50	0.92	19.3	3.3	37,454
5/25/24 17:50	5/25/24 21:00	0.66	7.3	1.5	45,914
5/27/24 18:50	5/27/24 19:20	0.36	6.8	0.7	18,008

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
6/5/24 18:40	6/5/24 22:50	1.00	6.4	3.5	72,120
6/22/24 17:00	6/22/24 18:10	0.76	10.3	1.3	109,942
6/26/24 17:40	6/27/24 0:30	1.52	7.7	1.5	250,979
6/29/24 21:20	6/29/24 22:00	0.33	3.8	0.8	13,768
CSO-17					260,000
1/9/24 16:20	1/9/24 19:30	2.15	17.4	1.3	14,498
4/2/24 12:30	4/2/24 13:00	2.53	45.5	0.7	10,594
5/25/24 18:00	5/25/24 18:10	0.66	7.3	0.3	14,499
5/27/24 19:00	5/27/24 19:00	0.36	6.8	0.2	4,553
6/5/24 20:40	6/5/24 21:00	1.00	6.4	0.5	14,296
6/22/24 17:10	6/22/24 17:40	0.76	10.3	0.7	52,451
6/26/24 23:00	6/26/24 23:50	1.52	7.7	1.0	143,819
6/29/24 21:40	6/29/24 21:40	0.33	3.8	0.2	5,262
CSO-18					6,073,000
1/6/24 14:00	1/6/24 21:30	1.19	21.8	7.7	361,526
1/9/24 10:10	1/9/24 23:10	2.15	17.4	12.2	891,957
1/12/24 21:10	1/13/24 2:00	0.92	8.8	4.8	278,243
1/28/24 2:30	1/28/24 9:10	0.79	12.6	4.0	124,522
2/13/24 0:50	2/13/24 9:10	1.38	12.3	7.5	486,474
2/28/24 0:50	2/28/24 18:50	0.74	28.0	2.3	40,859
3/2/24 7:30	3/2/24 11:30	0.60	15.2	2.7	37,974
3/9/24 12:30	3/9/24 20:20	1.17	19.5	7.3	334,719
3/23/24 4:00	3/23/24 12:50	0.97	13.2	6.5	142,664
4/1/24 7:20	4/1/24 11:10	0.65	6.1	4.0	158,499
4/2/24 4:20	4/3/24 14:10	2.53	45.5	11.7	648,227
4/12/24 6:40	4/12/24 8:30	0.60	16.3	2.0	93,874
4/14/24 23:50	4/15/24 0:10	0.24	7.8	0.2	1,022
5/5/24 5:50	5/5/24 8:30	0.83	37.7	1.0	6,917
5/8/24 5:20	5/8/24 6:30	0.39	1.2	1.3	78,829
5/9/24 19:10	5/10/24 3:50	1.26	26.5	5.2	112,256
5/11/24 19:20	5/12/24 1:00	0.62	27.7	2.2	70,393
5/14/24 20:20	5/15/24 0:20	0.92	19.3	4.0	220,104
5/25/24 18:00	5/25/24 21:20	0.66	7.3	2.3	155,082
5/27/24 19:00	5/27/24 19:50	0.36	6.8	1.0	46,514
6/5/24 18:50	6/5/24 23:20	1.00	6.4	4.7	372,973
6/22/24 17:10	6/22/24 19:00	0.76	10.3	2.0	444,077
6/26/24 22:50	6/27/24 1:10	1.52	7.7	2.3	889,803
6/29/24 21:30	6/29/24 22:30	0.33	3.8	1.2	75,041
CSO-19					5,000
6/26/24 23:00	6/26/24 23:20	1.52	7.7	0.5	4,744
CSO-20					31,000
4/2/24 12:10	4/2/24 12:50	2.53	45.5	0.3	706
5/25/24 18:00	5/25/24 18:00	0.66	7.3	0.2	1,260
5/27/24 19:00	5/27/24 19:00	0.36	6.8	0.2	303
6/5/24 20:40	6/5/24 20:50	1.00	6.4	0.3	831
6/22/24 17:00	6/22/24 17:40	0.76	10.3	0.5	3,556
6/26/24 22:50	6/26/24 23:50	1.52	7.7	1.2	23,037
6/29/24 21:20	6/29/24 21:40	0.33	3.8	0.3	839
CSO-21					30,688,000
1/6/24 13:30	1/7/24 20:50	1.19	21.8	29.0	844,090
1/9/24 7:20	1/10/24 12:40	2.15	17.4	27.5	1,830,637
1/12/24 18:20	1/13/24 15:10	0.92	8.8	19.8	917,969
1/15/24 22:50	1/16/24 23:50	0.22	13.2	24.3	369,497
1/19/24 6:40	1/20/24 1:20	0.10	6.8	18.0	237,761
1/28/24 2:10	1/28/24 22:50	0.79	12.6	19.8	731,620
2/1/24 23:30	2/2/24 15:00	0.07	3.5	15.2	226,182

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
2/13/24 0:30	2/13/24 21:10	1.38	12.3	18.5	1,008,585
2/16/24 22:40	2/17/24 18:40	0.20	8.0	19.8	378,080
2/22/24 13:00	2/23/24 16:10	0.24	15.3	26.7	457,317
2/23/24 23:40	2/24/24 14:50	0.06	3.3	15.2	218,628
2/27/24 15:00	2/29/24 6:50	0.74	28.0	37.8	879,343
3/2/24 1:10	3/3/24 4:20	0.60	15.2	24.8	582,703
3/5/24 4:40	3/5/24 23:00	0.22	6.4	16.5	290,526
3/6/24 12:10	3/7/24 16:40	0.22	16.5	27.2	444,737
3/9/24 5:20	3/10/24 12:50	1.17	19.5	30.0	1,232,675
3/14/24 23:50	3/15/24 14:30	0.06	2.7	13.3	178,113
3/23/24 0:10	3/24/24 1:10	0.97	13.2	23.8	858,974
3/27/24 10:30	3/28/24 4:00	0.06	5.5	16.5	223,489
3/30/24 17:10	3/31/24 9:50	0.21	4.8	15.2	274,233
4/1/24 5:10	4/1/24 23:10	0.65	6.1	17.8	755,958
4/2/24 2:00	4/4/24 11:30	2.53	45.5	55.5	2,797,293
4/4/24 14:00	4/5/24 6:00	0.06	4.2	15.5	496,987
4/11/24 18:00	4/12/24 22:10	0.60	16.3	27.8	875,003
4/12/24 23:20	4/13/24 14:50	0.04	3.6	14.7	245,984
4/14/24 20:20	4/15/24 16:10	0.24	7.8	19.0	382,429
4/18/24 0:10	4/18/24 14:50	0.08	2.9	14.5	294,725
4/24/24 10:50	4/25/24 0:20	0.03	1.6	13.3	221,755
5/4/24 9:20	5/6/24 11:00	0.83	37.7	48.2	1,099,719
5/7/24 18:30	5/8/24 4:40	0.04	0.5	10.0	149,613
5/8/24 4:50	5/8/24 17:50	0.39	1.2	12.7	446,809
5/9/24 16:10	5/11/24 6:40	1.26	26.5	38.3	1,604,448
5/11/24 18:00	5/13/24 9:30	0.62	27.7	38.3	1,122,664
5/14/24 13:10	5/15/24 20:30	0.92	19.3	31.2	1,147,483
5/18/24 5:00	5/18/24 23:50	0.10	7.0	17.5	291,532
5/23/24 4:10	5/23/24 20:50	0.07	4.7	16.5	265,708
5/25/24 13:50	5/26/24 9:00	0.66	7.3	18.7	1,019,068
5/27/24 0:20	5/27/24 12:20	0.11	1.2	12.2	331,137
5/27/24 12:30	5/28/24 7:10	0.36	6.8	17.3	872,622
5/29/24 13:50	5/30/24 14:30	0.07	12.8	23.2	626,698
6/5/24 16:50	6/6/24 6:50	1.00	6.4	13.8	869,546
6/6/24 6:50	6/7/24 1:40	0.10	6.9	18.5	521,138
6/22/24 17:20	6/23/24 14:50	0.76	10.3	19.0	340,764
6/23/24 17:00	6/24/24 11:40	0.04	6.8	16.5	251,998
6/26/24 17:20	6/27/24 12:50	1.52	7.7	18.5	1,064,489
6/29/24 18:10	6/30/24 9:50	0.33	3.8	15.0	407,587
CSO-22					1,074,000
1/6/24 18:00	1/6/24 21:40	1.19	21.8	1.8	28,190
1/9/24 10:50	1/10/24 6:00	2.15	17.4	10.8	276,174
1/12/24 22:20	1/13/24 6:00	0.92	8.8	4.2	64,114
2/13/24 2:30	2/13/24 9:10	1.38	12.3	3.0	65,645
3/9/24 12:50	3/9/24 23:50	1.17	19.5	4.0	74,358
4/2/24 4:40	4/3/24 12:40	2.53	45.5	5.7	85,973
5/8/24 5:20	5/8/24 7:10	0.39	1.2	0.7	24,381
5/9/24 22:50	5/10/24 2:30	1.26	26.5	0.5	11,637
5/14/24 20:50	5/15/24 3:40	0.92	19.3	2.7	63,467
5/25/24 17:50	5/25/24 23:00	0.66	7.3	3.5	98,640
5/27/24 18:50	5/28/24 0:30	0.36	6.8	1.2	46,999
6/5/24 20:50	6/6/24 2:40	1.00	6.4	3.5	76,582
6/26/24 23:00	6/27/24 4:20	1.52	7.7	3.8	157,676
CSO-23					568,000
1/6/24 17:50	1/6/24 20:50	1.19	21.8	1.7	12,613
1/9/24 15:20	1/10/24 0:10	2.15	17.4	7.0	315,082

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
1/12/24 22:40	1/13/24 0:50	0.92	8.8	1.0	4,892
1/28/24 7:10	1/28/24 7:10	0.79	12.6	0.2	323
2/13/24 4:20	2/13/24 7:30	1.38	12.3	3.0	20,676
2/28/24 18:10	2/28/24 18:10	0.74	28.0	0.2	2,854
3/9/24 12:40	3/9/24 18:50	1.17	19.5	0.8	3,250
4/2/24 4:30	4/3/24 9:10	2.53	45.5	2.2	21,581
4/12/24 6:40	4/12/24 7:40	0.60	16.3	0.3	1,333
5/8/24 5:10	5/8/24 5:40	0.39	1.2	0.7	20,721
5/9/24 22:50	5/9/24 23:10	1.26	26.5	0.5	1,575
5/11/24 23:40	5/11/24 23:50	0.62	27.7	0.3	2,028
5/14/24 21:10	5/14/24 22:40	0.92	19.3	0.3	3,580
5/25/24 17:50	5/25/24 20:30	0.66	7.3	0.8	18,577
5/27/24 18:50	5/27/24 19:10	0.36	6.8	0.5	20,183
6/5/24 19:00	6/5/24 22:50	1.00	6.4	2.0	25,810
6/22/24 17:00	6/22/24 17:30	0.76	10.3	0.7	15,560
6/26/24 22:50	6/27/24 0:30	1.52	7.7	1.5	74,826
6/29/24 21:40	6/29/24 21:40	0.33	3.8	0.2	1,891
CSO-24					4,705,000
1/6/24 14:20	1/6/24 21:00	1.19	21.8	4.7	333,067
1/9/24 10:20	1/9/24 21:40	2.15	17.4	7.0	582,355
1/12/24 21:10	1/13/24 1:50	0.92	8.8	3.2	224,909
1/28/24 3:00	1/28/24 8:20	0.79	12.6	1.8	55,539
2/13/24 1:00	2/13/24 8:00	1.38	12.3	6.7	429,980
2/28/24 18:10	2/28/24 18:40	0.74	28.0	0.2	16,719
3/9/24 12:40	3/9/24 20:00	1.17	19.5	3.2	206,902
3/23/24 9:20	3/23/24 11:50	0.97	13.2	0.8	14,649
4/1/24 7:20	4/1/24 10:40	0.65	6.1	1.5	88,687
4/2/24 4:30	4/3/24 10:50	2.53	45.5	5.7	471,035
4/12/24 6:50	4/12/24 8:10	0.60	16.3	1.2	84,020
4/14/24 23:50	4/15/24 0:10	0.24	7.8	0.2	4,958
5/8/24 5:20	5/8/24 6:10	0.39	1.2	0.7	182,943
5/9/24 20:20	5/9/24 23:50	1.26	26.5	1.3	101,667
5/11/24 19:20	5/12/24 0:30	0.62	27.7	0.8	46,870
5/14/24 20:20	5/15/24 0:10	0.92	19.3	2.2	158,660
5/25/24 17:50	5/25/24 21:20	0.66	7.3	1.0	246,287
5/27/24 18:50	5/27/24 19:40	0.36	6.8	0.7	204,032
6/5/24 19:00	6/5/24 23:10	1.00	6.4	2.8	334,275
6/22/24 17:10	6/22/24 18:00	0.76	10.3	1.0	195,514
6/26/24 23:00	6/27/24 0:30	1.52	7.7	1.0	707,902
6/29/24 21:50	6/29/24 22:00	0.33	3.8	0.3	14,168
CSO-25					1,906,000
1/9/24 16:10	1/10/24 12:40	2.15	17.4	9.5	94,982
1/12/24 18:20	1/13/24 15:10	0.92	8.8	11.2	146,174
1/15/24 22:50	1/16/24 23:50	0.22	13.2	15.5	76,711
1/19/24 6:40	1/20/24 1:20	0.10	6.8	12.5	49,023
1/24/24 15:20	1/25/24 21:40	0.26	20.3	20.8	96,317
1/25/24 21:40	1/26/24 19:40	0.22	10.1	14.0	62,998
1/27/24 22:20	1/28/24 22:50	0.79	12.6	8.0	81,546
2/1/24 23:30	2/2/24 15:00	0.07	3.5	10.0	45,190
2/12/24 21:00	2/13/24 21:10	1.38	12.3	13.3	109,647
2/16/24 22:40	2/17/24 18:40	0.20	8.0	14.3	68,125
2/22/24 13:00	2/23/24 16:10	0.24	15.3	20.7	89,719
2/23/24 23:40	2/24/24 14:50	0.06	3.3	11.7	49,481
2/27/24 15:00	2/29/24 6:50	0.74	28.0	23.0	151,082
3/2/24 1:10	3/3/24 4:20	0.60	15.2	13.0	82,156
3/5/24 4:40	3/5/24 23:00	0.22	6.4	10.5	41,072

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
3/6/24 12:10	3/7/24 16:40	0.22	16.5	17.5	76,860
3/9/24 5:20	3/10/24 12:50	1.17	19.5	16.3	128,950
3/14/24 23:50	3/15/24 14:30	0.06	2.7	9.7	43,244
5/8/24 5:20	5/8/24 17:50	0.39	1.2	6.5	38,391
5/25/24 18:00	5/26/24 9:00	0.66	7.3	4.5	46,851
5/27/24 0:20	5/27/24 12:20	0.11	1.2	6.3	31,525
5/27/24 12:30	5/28/24 7:10	0.36	6.8	7.2	90,416
5/29/24 13:50	5/30/24 14:30	0.07	12.8	16.2	83,131
6/22/24 17:10	6/22/24 21:10	0.76	10.3	1.7	9,691
6/26/24 23:00	6/27/24 12:50	1.52	7.7	7.3	112,652
CSO-26					6,928,000
1/6/24 13:40	1/6/24 23:10	1.19	21.8	7.8	386,334
1/9/24 10:10	1/10/24 9:30	2.15	17.4	16.5	1,238,950
1/12/24 21:00	1/13/24 8:20	0.92	8.8	7.5	310,439
1/25/24 22:50	1/26/24 4:20	0.22	10.1	0.3	1,546
1/28/24 2:10	1/28/24 14:00	0.79	12.6	7.0	200,571
2/13/24 0:30	2/13/24 11:30	1.38	12.3	8.5	538,464
2/28/24 0:50	2/28/24 21:20	0.74	28.0	4.7	107,890
3/2/24 7:00	3/2/24 17:20	0.60	15.2	5.0	94,323
3/5/24 8:30	3/5/24 11:40	0.22	6.4	1.0	15,225
3/9/24 12:20	3/10/24 3:20	1.17	19.5	10.0	363,554
3/23/24 3:20	3/23/24 16:30	0.97	13.2	10.0	219,730
3/30/24 20:30	3/30/24 23:10	0.21	4.8	0.8	10,625
4/1/24 7:10	4/1/24 15:20	0.65	6.1	4.3	159,048
4/2/24 3:10	4/4/24 1:00	2.53	45.5	24.5	906,497
4/12/24 6:30	4/12/24 13:50	0.60	16.3	2.7	90,923
4/14/24 23:40	4/15/24 3:10	0.24	7.8	1.2	18,177
5/4/24 23:40	5/5/24 11:40	0.83	37.7	4.5	73,183
5/8/24 5:10	5/8/24 8:50	0.39	1.2	1.0	148,200
5/9/24 18:20	5/10/24 16:10	1.26	26.5	12.3	276,645
5/11/24 19:10	5/12/24 3:10	0.62	27.7	1.7	54,747
5/14/24 20:10	5/15/24 7:00	0.92	19.3	5.7	261,416
5/25/24 18:00	5/26/24 1:10	0.66	7.3	2.7	210,210
5/27/24 18:50	5/28/24 2:10	0.36	6.8	1.8	101,355
6/5/24 18:50	6/6/24 3:40	1.00	6.4	4.8	374,943
6/22/24 17:10	6/22/24 19:30	0.76	10.3	1.3	188,256
6/26/24 22:50	6/27/24 5:50	1.52	7.7	3.0	530,126
6/29/24 21:40	6/29/24 23:40	0.33	3.8	0.7	46,297
CSO-27					1,806,000
1/6/24 13:40	1/6/24 21:50	1.19	21.8	4.3	44,992
1/9/24 10:10	1/10/24 9:40	2.15	17.4	18.7	379,232
1/12/24 21:00	1/13/24 7:20	0.92	8.8	7.0	203,683
1/28/24 2:10	1/28/24 10:20	0.79	12.6	2.3	20,183
2/13/24 0:30	2/13/24 9:30	1.38	12.3	6.7	85,272
2/28/24 0:50	2/28/24 19:40	0.74	28.0	0.5	4,148
3/9/24 12:20	3/10/24 2:00	1.17	19.5	8.8	102,243
3/23/24 3:30	3/23/24 14:40	0.97	13.2	3.0	15,899
4/1/24 7:10	4/1/24 13:00	0.65	6.1	3.7	25,439
4/2/24 4:10	4/4/24 1:20	2.53	45.5	28.3	433,677
4/12/24 6:30	4/12/24 10:30	0.60	16.3	1.3	16,268
5/8/24 5:10	5/8/24 7:20	0.39	1.2	1.0	45,411
5/9/24 18:30	5/10/24 8:30	1.26	26.5	3.0	24,469
5/11/24 19:10	5/12/24 1:50	0.62	27.7	0.5	9,001
5/14/24 20:00	5/15/24 5:00	0.92	19.3	6.5	60,474
5/25/24 17:50	5/25/24 22:50	0.66	7.3	1.5	34,891
5/27/24 18:50	5/27/24 21:10	0.36	6.8	0.7	26,593

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
6/5/24 18:50	6/6/24 1:40	1.00	6.4	3.5	68,829
6/22/24 17:00	6/22/24 19:00	0.76	10.3	1.0	30,142
6/26/24 22:50	6/27/24 4:10	1.52	7.7	3.3	175,102
CSO-28					5,960,000
1/6/24 15:20	1/6/24 22:30	1.19	21.8	7.0	361,687
1/9/24 10:40	1/10/24 4:40	2.15	17.4	16.7	1,385,370
1/12/24 22:00	1/13/24 4:50	0.92	8.8	4.7	255,857
1/28/24 5:30	1/28/24 9:50	0.79	12.6	2.5	69,468
2/13/24 1:20	2/13/24 9:50	1.38	12.3	7.8	475,198
2/28/24 18:20	2/28/24 19:20	0.74	28.0	0.3	12,386
3/9/24 12:50	3/9/24 22:50	1.17	19.5	6.7	255,597
3/23/24 9:10	3/23/24 13:40	0.97	13.2	3.0	44,434
4/1/24 7:30	4/1/24 12:00	0.65	6.1	3.5	71,277
4/2/24 4:40	4/3/24 17:10	2.53	45.5	13.3	508,557
4/12/24 6:50	4/12/24 9:30	0.60	16.3	1.3	32,429
5/8/24 5:20	5/8/24 7:20	0.39	1.2	1.5	179,124
5/9/24 22:40	5/10/24 4:20	1.26	26.5	1.3	56,976
5/11/24 23:50	5/12/24 1:30	0.62	27.7	0.7	16,858
5/14/24 21:00	5/15/24 2:40	0.92	19.3	3.7	179,402
5/25/24 18:00	5/25/24 22:20	0.66	7.3	2.2	183,615
5/27/24 19:00	5/27/24 22:10	0.36	6.8	1.3	100,065
6/5/24 19:10	6/6/24 0:50	1.00	6.4	4.2	320,817
6/22/24 17:10	6/22/24 19:20	0.76	10.3	2.2	183,013
6/26/24 23:00	6/27/24 3:10	1.52	7.7	4.0	1,264,706
6/29/24 21:50	6/29/24 22:30	0.33	3.8	0.3	3,325
CSO-29					6,910,000
1/6/24 11:30	1/6/24 23:20	1.19	21.8	9.2	463,676
1/9/24 9:10	1/10/24 4:50	2.15	17.4	17.2	1,204,403
1/12/24 20:00	1/13/24 4:20	0.92	8.8	6.8	359,632
1/24/24 15:50	1/25/24 8:40	0.26	20.3	0.7	5,860
1/25/24 22:20	1/26/24 7:30	0.22	10.1	1.0	10,189
1/28/24 0:40	1/28/24 10:20	0.79	12.6	5.7	161,440
2/12/24 21:20	2/13/24 17:00	1.38	12.3	8.2	592,744
2/17/24 0:10	2/17/24 7:40	0.20	8.0	1.2	6,980
2/22/24 13:10	2/23/24 2:40	0.24	15.3	1.2	6,342
2/27/24 15:40	2/28/24 20:20	0.74	28.0	4.8	126,518
3/2/24 1:30	3/2/24 15:40	0.60	15.2	4.8	75,850
3/5/24 6:00	3/5/24 10:40	0.22	6.4	1.3	22,899
3/6/24 19:30	3/7/24 2:20	0.22	16.5	0.7	6,757
3/9/24 10:20	3/10/24 1:10	1.17	19.5	7.7	377,560
3/23/24 0:40	3/23/24 14:00	0.97	13.2	9.5	148,174
3/30/24 18:40	3/30/24 22:30	0.21	4.8	1.0	24,813
4/1/24 6:10	4/1/24 22:00	0.65	6.1	4.3	140,762
4/2/24 2:30	4/3/24 22:00	2.53	45.5	16.7	811,057
4/11/24 18:10	4/12/24 22:00	0.60	16.3	1.7	102,693
4/14/24 20:50	4/15/24 2:00	0.24	7.8	0.5	25,154
5/4/24 10:20	5/5/24 17:00	0.83	37.7	6.5	65,243
5/8/24 5:00	5/8/24 6:40	0.39	1.2	1.2	174,595
5/9/24 17:20	5/10/24 19:00	1.26	26.5	8.0	195,486
5/11/24 18:30	5/12/24 17:00	0.62	27.7	2.2	82,058
5/14/24 13:20	5/15/24 8:50	0.92	19.3	4.2	295,648
5/23/24 8:40	5/23/24 17:00	0.07	4.7	0.5	4,321
5/25/24 17:40	5/25/24 22:00	0.66	7.3	2.2	200,438
5/27/24 0:50	5/27/24 2:10	0.11	1.2	0.7	6,650
5/27/24 12:40	5/27/24 20:30	0.36	6.8	1.0	134,746
6/5/24 18:10	6/5/24 23:50	1.00	6.4	5.3	445,618

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
6/22/24 17:00	6/23/24 1:20	0.76	10.3	2.3	240,141
6/26/24 17:30	6/27/24 2:20	1.52	7.7	3.5	337,407
6/29/24 18:40	6/29/24 22:50	0.33	3.8	1.8	53,701
CSO-30					443,000
1/6/24 19:50	1/6/24 20:20	1.19	21.8	0.7	7,454
1/9/24 16:00	1/9/24 21:50	2.15	17.4	0.8	19,392
1/12/24 22:50	1/12/24 23:40	0.92	8.8	0.5	2,364
2/13/24 5:10	2/13/24 7:20	1.38	12.3	1.8	6,962
2/28/24 18:10	2/28/24 18:20	0.74	28.0	0.2	1,230
4/2/24 12:20	4/3/24 3:50	2.53	45.5	0.8	18,235
5/8/24 5:20	5/8/24 5:50	0.39	1.2	0.3	10,943
5/25/24 18:00	5/25/24 20:50	0.66	7.3	0.2	23,869
5/27/24 19:00	5/27/24 19:20	0.36	6.8	0.2	11,322
6/5/24 20:40	6/5/24 22:50	1.00	6.4	0.3	13,227
6/22/24 17:10	6/22/24 18:00	0.76	10.3	1.0	83,909
6/26/24 23:00	6/27/24 1:10	1.52	7.7	1.2	237,008
6/29/24 21:40	6/29/24 21:50	0.33	3.8	0.3	6,952
CSO-31					28,928,000
1/6/24 13:30	1/6/24 23:30	1.19	21.8	10.2	1,443,274
1/9/24 10:00	1/10/24 1:10	2.15	17.4	14.8	4,560,302
1/12/24 20:50	1/13/24 3:40	0.92	8.8	6.8	1,086,852
1/24/24 22:50	1/25/24 0:30	0.26	20.3	1.7	18,140
1/25/24 22:50	1/26/24 3:20	0.22	10.1	4.3	79,847
1/28/24 2:10	1/28/24 10:50	0.79	12.6	8.7	772,946
2/13/24 0:30	2/13/24 11:50	1.38	12.3	11.2	2,081,753
2/17/24 2:50	2/17/24 4:20	0.20	8.0	1.5	22,562
2/22/24 22:20	2/23/24 1:20	0.24	15.3	2.8	64,461
2/28/24 0:40	2/28/24 21:30	0.74	28.0	17.3	677,767
3/2/24 7:00	3/2/24 16:00	0.60	15.2	9.0	447,451
3/5/24 8:20	3/5/24 11:00	0.22	6.4	2.8	107,135
3/6/24 22:50	3/6/24 23:50	0.22	16.5	1.2	17,793
3/9/24 12:10	3/9/24 21:50	1.17	19.5	9.7	1,285,985
3/23/24 3:20	3/23/24 14:30	0.97	13.2	11.2	861,970
3/30/24 20:30	3/30/24 22:50	0.21	4.8	2.3	84,967
4/1/24 7:00	4/1/24 14:00	0.65	6.1	7.0	686,060
4/2/24 3:00	4/3/24 22:00	2.53	45.5	33.7	3,119,145
4/11/24 23:10	4/12/24 11:50	0.60	16.3	6.7	473,924
4/14/24 23:40	4/15/24 2:40	0.24	7.8	2.8	128,193
5/4/24 23:20	5/5/24 11:40	0.83	37.7	12.2	439,830
5/8/24 5:10	5/8/24 8:10	0.39	1.2	3.0	491,711
5/9/24 18:10	5/10/24 15:40	1.26	26.5	21.5	1,101,347
5/11/24 19:10	5/12/24 2:20	0.62	27.7	5.3	315,657
5/14/24 20:10	5/15/24 2:30	0.92	19.3	6.3	988,297
5/25/24 18:00	5/25/24 22:50	0.66	7.3	4.8	758,561
5/27/24 1:20	5/27/24 2:30	0.11	1.2	1.3	23,745
5/27/24 18:50	5/27/24 21:50	0.36	6.8	3.2	398,111
6/5/24 18:40	6/6/24 1:10	1.00	6.4	6.5	1,431,894
6/22/24 17:10	6/22/24 20:40	0.76	10.3	3.5	863,588
6/26/24 17:50	6/27/24 4:20	1.52	7.7	6.8	3,845,176
6/29/24 21:30	6/30/24 0:10	0.33	3.8	2.7	249,812
CSO-32					7,688,000
1/6/24 13:20	1/7/24 20:50	1.19	21.8	31.3	349,408
1/9/24 7:20	1/10/24 12:40	2.15	17.4	27.7	664,472
1/12/24 18:20	1/13/24 15:10	0.92	8.8	20.5	263,547
1/15/24 22:50	1/16/24 23:50	0.22	13.2	25.0	81,707
1/19/24 6:40	1/20/24 1:20	0.10	6.8	18.7	45,354

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
1/24/24 15:20	1/25/24 21:40	0.26	20.3	30.5	98,732
1/25/24 21:40	1/26/24 19:40	0.22	10.1	22.2	87,925
1/27/24 22:20	1/28/24 22:50	0.79	12.6	24.5	239,947
2/1/24 23:30	2/2/24 15:00	0.07	3.5	15.5	33,149
2/12/24 21:00	2/13/24 21:10	1.38	12.3	24.2	396,675
2/16/24 22:40	2/17/24 18:40	0.20	8.0	20.0	69,500
2/22/24 13:00	2/23/24 16:10	0.24	15.3	27.2	89,142
2/23/24 23:40	2/24/24 14:50	0.06	3.3	15.2	33,109
2/27/24 15:00	2/29/24 6:50	0.74	28.0	39.7	246,013
3/2/24 1:10	3/3/24 4:20	0.60	15.2	27.2	178,931
3/5/24 4:40	3/5/24 23:00	0.22	6.4	18.5	74,005
3/6/24 12:10	3/7/24 16:40	0.22	16.5	28.5	83,903
3/9/24 5:20	3/10/24 12:50	1.17	19.5	30.7	345,633
3/14/24 23:50	3/15/24 14:30	0.06	2.7	14.7	30,693
3/23/24 0:10	3/24/24 1:10	0.97	13.2	25.0	280,224
3/27/24 10:30	3/28/24 4:00	0.06	5.5	17.5	36,822
3/30/24 17:10	3/31/24 9:50	0.21	4.8	16.7	62,571
4/1/24 5:10	4/1/24 23:10	0.65	6.1	18.2	185,482
4/2/24 2:00	4/4/24 11:30	2.53	45.5	56.3	693,015
4/4/24 14:00	4/5/24 6:00	0.06	4.2	15.7	32,170
4/11/24 18:00	4/12/24 22:10	0.60	16.3	28.2	169,054
4/12/24 23:20	4/13/24 14:50	0.04	3.6	15.5	28,829
4/14/24 20:20	4/15/24 16:10	0.24	7.8	19.8	68,993
4/18/24 0:10	4/18/24 14:50	0.08	2.9	14.8	30,727
4/24/24 10:50	4/25/24 0:20	0.03	1.6	13.5	26,502
5/4/24 9:20	5/6/24 11:00	0.83	37.7	49.5	230,978
5/7/24 18:30	5/8/24 4:40	0.04	0.5	10.2	20,393
5/8/24 4:50	5/8/24 17:50	0.39	1.2	13.2	106,135
5/9/24 16:10	5/11/24 6:40	1.26	26.5	38.3	321,682
5/11/24 18:00	5/13/24 9:30	0.62	27.7	39.3	169,007
5/14/24 13:10	5/15/24 20:30	0.92	19.3	31.0	240,811
5/18/24 5:00	5/18/24 23:50	0.10	7.0	19.0	40,714
5/23/24 4:10	5/23/24 20:50	0.07	4.7	16.8	35,652
5/25/24 13:50	5/26/24 9:00	0.66	7.3	19.2	161,109
5/27/24 0:20	5/27/24 12:20	0.11	1.2	12.2	29,324
5/27/24 12:30	5/28/24 7:10	0.36	6.8	17.8	85,361
5/29/24 13:50	5/30/24 14:30	0.07	12.8	24.7	47,894
6/5/24 16:50	6/6/24 6:50	1.00	6.4	14.2	266,126
6/6/24 6:50	6/7/24 1:40	0.10	6.9	19.0	41,792
6/22/24 16:40	6/23/24 14:50	0.76	10.3	22.2	274,110
6/23/24 17:00	6/24/24 11:40	0.04	6.8	18.7	33,064
6/26/24 17:20	6/27/24 12:50	1.52	7.7	19.3	461,709
6/29/24 18:10	6/30/24 9:50	0.33	3.8	15.7	96,090
CSO-33					4,141,000
1/6/24 13:20	1/6/24 21:20	1.19	21.8	7.2	172,952
1/9/24 10:00	1/10/24 11:00	2.15	17.4	24.3	676,108
1/12/24 20:50	1/13/24 7:10	0.92	8.8	9.7	180,082
1/24/24 22:10	1/24/24 22:50	0.26	20.3	0.7	1,792
1/25/24 22:30	1/26/24 1:40	0.22	10.1	0.8	3,917
1/28/24 2:00	1/28/24 9:10	0.79	12.6	5.7	83,090
2/13/24 0:20	2/13/24 9:20	1.38	12.3	8.0	246,148
2/22/24 22:20	2/22/24 23:10	0.24	15.3	0.7	2,314
2/28/24 0:40	2/28/24 18:40	0.74	28.0	5.0	73,388
3/2/24 6:50	3/2/24 15:00	0.60	15.2	4.2	38,297
3/5/24 8:10	3/5/24 9:40	0.22	6.4	1.3	11,733
3/6/24 22:30	3/6/24 23:00	0.22	16.5	0.7	4,756

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
3/9/24 12:00	3/10/24 1:40	1.17	19.5	12.7	229,986
3/23/24 3:10	3/23/24 13:30	0.97	13.2	9.5	85,683
3/30/24 20:20	3/30/24 21:50	0.21	4.8	1.0	6,479
4/1/24 7:00	4/1/24 11:30	0.65	6.1	4.0	70,390
4/2/24 3:00	4/4/24 1:30	2.53	45.5	35.5	577,557
4/12/24 6:30	4/12/24 8:40	0.60	16.3	1.5	48,726
4/14/24 23:30	4/15/24 1:00	0.24	7.8	1.2	10,678
5/4/24 23:30	5/5/24 8:30	0.83	37.7	4.2	26,154
5/8/24 5:10	5/8/24 6:30	0.39	1.2	1.0	55,570
5/9/24 18:10	5/10/24 12:20	1.26	26.5	10.2	147,719
5/11/24 19:00	5/12/24 1:00	0.62	27.7	2.2	44,465
5/14/24 20:10	5/15/24 5:10	0.92	19.3	8.5	173,895
5/25/24 17:50	5/25/24 22:10	0.66	7.3	4.0	122,166
5/27/24 1:10	5/27/24 1:30	0.11	1.2	0.5	3,817
5/27/24 18:50	5/27/24 23:50	0.36	6.8	4.8	77,488
6/5/24 18:30	6/6/24 1:30	1.00	6.4	6.7	251,352
6/22/24 17:00	6/22/24 18:40	0.76	10.3	1.8	198,861
6/26/24 17:40	6/27/24 3:40	1.52	7.7	4.5	460,159
6/29/24 21:20	6/29/24 22:10	0.33	3.8	1.0	55,316
CSO-34					10,912,000
1/6/24 13:10	1/6/24 22:00	1.19	21.8	9.0	493,366
1/9/24 9:50	1/10/24 4:10	2.15	17.4	17.7	1,855,525
1/12/24 20:20	1/13/24 3:30	0.92	8.8	7.0	438,181
1/24/24 22:10	1/24/24 23:00	0.26	20.3	1.0	8,825
1/25/24 22:30	1/26/24 1:50	0.22	10.1	1.7	18,569
1/28/24 2:00	1/28/24 9:00	0.79	12.6	7.2	251,568
2/13/24 0:20	2/13/24 9:30	1.38	12.3	8.8	712,539
2/17/24 2:40	2/17/24 3:10	0.20	8.0	0.7	4,543
2/22/24 22:20	2/22/24 23:30	0.24	15.3	1.2	9,367
2/28/24 0:40	2/28/24 18:50	0.74	28.0	7.5	202,610
3/2/24 6:50	3/2/24 15:00	0.60	15.2	6.3	128,604
3/5/24 8:10	3/5/24 9:50	0.22	6.4	1.8	39,278
3/6/24 22:30	3/7/24 1:50	0.22	16.5	1.3	13,557
3/9/24 11:50	3/9/24 20:40	1.17	19.5	8.2	402,316
3/23/24 3:00	3/23/24 13:30	0.97	13.2	10.7	267,526
3/30/24 20:20	3/30/24 22:00	0.21	4.8	1.8	29,723
4/1/24 6:50	4/1/24 11:20	0.65	6.1	4.7	216,947
4/2/24 2:50	4/3/24 20:00	2.53	45.5	17.3	1,129,056
4/11/24 22:30	4/12/24 9:10	0.60	16.3	3.0	155,548
4/14/24 23:30	4/15/24 1:00	0.24	7.8	1.5	37,652
5/4/24 23:20	5/5/24 8:40	0.83	37.7	6.5	84,367
5/8/24 5:10	5/8/24 6:20	0.39	1.2	1.3	158,501
5/9/24 17:50	5/10/24 12:20	1.26	26.5	10.2	274,950
5/11/24 18:50	5/12/24 0:50	0.62	27.7	2.7	127,891
5/14/24 20:00	5/15/24 0:30	0.92	19.3	4.0	375,409
5/23/24 8:50	5/23/24 9:00	0.07	4.7	0.3	2,677
5/25/24 17:50	5/25/24 21:20	0.66	7.3	2.3	272,279
5/27/24 1:10	5/27/24 1:40	0.11	1.2	0.7	11,504
5/27/24 18:50	5/27/24 19:40	0.36	6.8	1.0	140,858
6/5/24 18:30	6/5/24 23:30	1.00	6.4	5.2	632,848
6/22/24 17:00	6/22/24 18:50	0.76	10.3	2.0	555,036
6/26/24 17:40	6/27/24 1:40	1.52	7.7	3.3	1,716,267
6/29/24 21:20	6/29/24 22:30	0.33	3.8	1.2	144,046
CSO-37					15,632,000
1/6/24 13:40	1/6/24 22:00	1.19	21.8	8.3	928,881
1/9/24 10:10	1/10/24 0:40	2.15	17.4	13.8	1,901,439

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
1/12/24 21:00	1/13/24 2:20	0.92	8.8	5.2	688,487
1/25/24 22:50	1/26/24 2:10	0.22	10.1	2.0	28,671
1/28/24 2:20	1/28/24 9:10	0.79	12.6	7.0	540,656
2/13/24 0:40	2/13/24 9:40	1.38	12.3	8.5	1,115,422
2/17/24 3:00	2/17/24 3:20	0.20	8.0	0.5	5,359
2/28/24 0:50	2/28/24 19:00	0.74	28.0	6.8	319,851
3/2/24 7:00	3/2/24 15:10	0.60	15.2	6.0	284,580
3/5/24 8:30	3/5/24 10:00	0.22	6.4	1.7	74,789
3/6/24 22:50	3/6/24 23:30	0.22	16.5	0.8	11,786
3/9/24 12:20	3/9/24 20:40	1.17	19.5	8.5	889,243
3/23/24 3:30	3/23/24 13:40	0.97	13.2	10.3	623,841
3/30/24 20:40	3/30/24 22:20	0.21	4.8	1.8	55,575
4/1/24 7:10	4/1/24 11:30	0.65	6.1	4.5	470,010
4/2/24 3:10	4/3/24 20:10	2.53	45.5	16.8	1,595,168
4/12/24 6:40	4/12/24 8:30	0.60	16.3	2.0	271,794
4/14/24 23:40	4/15/24 1:20	0.24	7.8	1.7	54,738
5/4/24 23:50	5/5/24 8:50	0.83	37.7	5.7	181,320
5/8/24 5:20	5/8/24 6:30	0.39	1.2	1.3	261,261
5/9/24 18:30	5/10/24 8:30	1.26	26.5	8.8	514,302
5/11/24 19:10	5/12/24 1:00	0.62	27.7	2.7	245,935
5/14/24 20:10	5/15/24 0:30	0.92	19.3	4.2	549,255
5/25/24 18:00	5/25/24 21:30	0.66	7.3	2.3	438,498
5/27/24 19:00	5/27/24 19:50	0.36	6.8	1.0	170,348
6/5/24 18:50	6/5/24 23:20	1.00	6.4	4.7	789,963
6/22/24 17:10	6/22/24 18:50	0.76	10.3	1.8	770,318
6/26/24 17:50	6/27/24 1:10	1.52	7.7	3.0	1,655,940
6/29/24 21:30	6/29/24 22:30	0.33	3.8	1.2	194,348
CSO-38					4,126,000
1/6/24 15:50	1/6/24 20:50	1.19	21.8	4.0	181,608
1/9/24 10:10	1/10/24 4:30	2.15	17.4	15.5	630,793
1/12/24 21:00	1/13/24 4:20	0.92	8.8	6.3	246,467
1/28/24 5:30	1/28/24 8:00	0.79	12.6	2.5	58,916
2/13/24 0:50	2/13/24 7:40	1.38	12.3	7.0	271,977
2/28/24 0:40	2/28/24 18:20	0.74	28.0	1.0	75,360
3/2/24 10:20	3/2/24 10:40	0.60	15.2	0.3	6,122
3/9/24 12:30	3/9/24 21:20	1.17	19.5	6.3	216,402
3/23/24 9:00	3/23/24 11:40	0.97	13.2	2.7	40,002
4/1/24 7:20	4/1/24 10:20	0.65	6.1	2.5	93,768
4/2/24 4:20	4/3/24 15:00	2.53	45.5	12.2	545,110
4/12/24 6:30	4/12/24 7:50	0.60	16.3	1.5	74,386
4/14/24 23:40	4/14/24 23:50	0.24	7.8	0.3	9,323
5/8/24 5:10	5/8/24 6:00	0.39	1.2	1.0	66,084
5/9/24 22:40	5/10/24 1:20	1.26	26.5	1.2	51,989
5/11/24 19:10	5/12/24 0:20	0.62	27.7	1.5	67,938
5/14/24 20:10	5/15/24 0:50	0.92	19.3	4.0	179,840
5/25/24 18:00	5/25/24 21:00	0.66	7.3	1.5	146,556
5/27/24 19:00	5/27/24 19:30	0.36	6.8	0.5	52,457
6/5/24 18:50	6/5/24 23:00	1.00	6.4	3.3	250,721
6/22/24 17:00	6/22/24 18:10	0.76	10.3	1.3	279,101
6/26/24 22:50	6/27/24 1:50	1.52	7.7	2.7	518,323
6/29/24 21:30	6/29/24 22:00	0.33	3.8	0.7	62,991
CSO-39					5,897,000
1/6/24 13:10	1/6/24 22:00	1.19	21.8	8.2	186,932
1/9/24 9:50	1/10/24 12:40	2.15	17.4	17.3	806,055
1/12/24 20:10	1/13/24 15:10	0.92	8.8	10.0	348,375
1/24/24 22:00	1/25/24 8:00	0.26	20.3	0.5	1,530

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
1/25/24 22:30	1/26/24 2:10	0.22	10.1	1.0	5,449
1/28/24 1:50	1/28/24 22:50	0.79	12.6	16.5	248,200
2/13/24 0:20	2/13/24 9:30	1.38	12.3	8.2	301,508
2/17/24 2:30	2/17/24 5:50	0.20	8.0	0.2	836
2/22/24 20:20	2/22/24 23:50	0.24	15.3	0.8	1,888
2/28/24 0:40	2/28/24 19:10	0.74	28.0	4.8	67,567
3/2/24 6:40	3/2/24 16:50	0.60	15.2	6.3	65,485
3/5/24 8:10	3/5/24 9:50	0.22	6.4	1.2	9,912
3/6/24 22:30	3/7/24 1:50	0.22	16.5	0.3	887
3/9/24 11:50	3/10/24 4:10	1.17	19.5	10.5	324,887
3/23/24 2:20	3/23/24 15:30	0.97	13.2	9.8	129,685
3/30/24 20:20	3/30/24 22:00	0.21	4.8	1.0	7,407
4/1/24 6:50	4/1/24 13:40	0.65	6.1	4.3	112,278
4/2/24 2:50	4/4/24 11:30	2.53	45.5	32.8	1,084,010
4/4/24 14:00	4/5/24 6:00	0.06	4.2	0.5	6,542
4/11/24 22:20	4/12/24 11:20	0.60	16.3	2.5	71,130
4/14/24 23:30	4/15/24 1:30	0.24	7.8	1.0	17,686
5/4/24 19:10	5/5/24 9:00	0.83	37.7	4.5	25,586
5/8/24 5:10	5/8/24 8:00	0.39	1.2	1.7	68,603
5/9/24 18:00	5/10/24 15:50	1.26	26.5	14.3	207,671
5/11/24 19:00	5/12/24 11:20	0.62	27.7	2.8	56,860
5/14/24 20:00	5/15/24 9:20	0.92	19.3	6.7	266,957
5/25/24 17:50	5/25/24 23:40	0.66	7.3	4.5	159,683
5/27/24 1:10	5/27/24 1:30	0.11	1.2	0.3	1,401
5/27/24 18:50	5/28/24 1:20	0.36	6.8	2.7	114,342
6/5/24 18:30	6/6/24 3:00	1.00	6.4	6.2	272,241
6/22/24 17:00	6/22/24 19:00	0.76	10.3	2.0	216,686
6/26/24 17:40	6/27/24 5:00	1.52	7.7	4.0	650,560
6/29/24 21:20	6/29/24 22:40	0.33	3.8	1.2	58,170
CSO-40					2,277,000
1/6/24 12:30	1/7/24 1:50	1.19	21.8	9.3	102,046
1/9/24 9:20	1/10/24 8:00	2.15	17.4	18.8	477,198
1/12/24 20:10	1/13/24 7:30	0.92	8.8	8.2	91,126
1/16/24 2:20	1/16/24 12:00	0.22	13.2	2.0	3,989
1/24/24 22:00	1/25/24 8:40	0.26	20.3	3.0	7,140
1/25/24 22:20	1/26/24 7:20	0.22	10.1	3.5	10,095
1/28/24 1:40	1/28/24 15:10	0.79	12.6	8.5	61,433
2/13/24 0:10	2/13/24 10:10	1.38	12.3	8.8	142,280
2/17/24 2:20	2/17/24 7:10	0.20	8.0	1.2	3,010
2/22/24 19:30	2/23/24 2:00	0.24	15.3	3.5	7,483
2/28/24 0:40	2/28/24 19:30	0.74	28.0	8.7	52,448
3/2/24 6:40	3/2/24 15:30	0.60	15.2	5.2	29,190
3/5/24 8:10	3/5/24 10:30	0.22	6.4	1.8	9,436
3/6/24 22:20	3/7/24 2:20	0.22	16.5	1.8	5,645
3/9/24 10:40	3/10/24 1:10	1.17	19.5	10.3	100,517
3/23/24 1:50	3/23/24 14:00	0.97	13.2	10.5	62,089
3/30/24 20:10	3/30/24 22:30	0.21	4.8	1.8	7,512
4/1/24 6:40	4/1/24 11:50	0.65	6.1	4.2	42,208
4/2/24 2:50	4/4/24 2:30	2.53	45.5	27.2	270,088
4/11/24 18:10	4/12/24 9:40	0.60	16.3	3.8	33,513
4/14/24 23:20	4/15/24 1:30	0.24	7.8	1.2	6,898
5/4/24 14:50	5/5/24 10:50	0.83	37.7	9.3	32,990
5/8/24 5:10	5/8/24 6:40	0.39	1.2	1.2	24,793
5/9/24 17:30	5/10/24 14:50	1.26	26.5	7.7	59,561
5/11/24 18:40	5/12/24 11:50	0.62	27.7	2.5	24,896
5/14/24 20:00	5/15/24 8:30	0.92	19.3	6.0	82,888

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
5/25/24 17:50	5/25/24 22:00	0.66	7.3	2.0	47,841
5/27/24 1:10	5/27/24 1:50	0.11	1.2	0.3	1,143
5/27/24 12:50	5/27/24 23:30	0.36	6.8	0.7	17,764
6/5/24 18:20	6/6/24 0:20	1.00	6.4	5.0	115,656
6/22/24 17:00	6/23/24 0:40	0.76	10.3	2.0	95,494
6/26/24 17:40	6/27/24 3:30	1.52	7.7	4.0	221,250
6/29/24 18:40	6/29/24 22:40	0.33	3.8	1.3	26,525
CSO-41					2,229,000
1/6/24 13:20	1/6/24 21:20	1.19	21.8	7.8	86,422
1/9/24 10:00	1/10/24 4:50	2.15	17.4	14.5	647,080
1/12/24 20:50	1/13/24 4:20	0.92	8.8	6.0	182,005
1/24/24 22:10	1/24/24 23:00	0.26	20.3	0.3	546
1/25/24 22:30	1/26/24 1:40	0.22	10.1	0.3	1,512
1/28/24 2:00	1/28/24 9:10	0.79	12.6	4.0	29,477
2/13/24 0:20	2/13/24 9:30	1.38	12.3	7.7	94,806
2/17/24 2:50	2/17/24 3:00	0.20	8.0	0.2	156
2/22/24 22:20	2/22/24 23:20	0.24	15.3	0.5	575
2/28/24 0:40	2/28/24 18:50	0.74	28.0	3.0	26,035
3/2/24 6:50	3/2/24 14:50	0.60	15.2	2.5	11,608
3/5/24 8:10	3/5/24 9:50	0.22	6.4	1.2	5,708
3/6/24 22:30	3/6/24 23:10	0.22	16.5	0.3	818
3/9/24 12:00	3/9/24 20:50	1.17	19.5	5.3	76,433
3/23/24 3:10	3/23/24 13:20	0.97	13.2	6.7	30,788
3/30/24 20:20	3/30/24 22:00	0.21	4.8	0.8	3,748
4/1/24 7:00	4/1/24 11:20	0.65	6.1	3.3	31,521
4/2/24 3:00	4/3/24 20:00	2.53	45.5	11.8	230,541
4/12/24 6:30	4/12/24 8:40	0.60	16.3	1.8	24,676
4/14/24 23:30	4/15/24 1:00	0.24	7.8	0.3	3,835
5/4/24 23:30	5/5/24 8:40	0.83	37.7	1.8	5,509
5/8/24 5:10	5/8/24 6:30	0.39	1.2	1.2	25,580
5/9/24 18:10	5/10/24 12:10	1.26	26.5	4.8	29,873
5/11/24 19:00	5/12/24 1:00	0.62	27.7	1.3	18,125
5/14/24 20:00	5/15/24 1:10	0.92	19.3	4.5	72,279
5/25/24 17:50	5/25/24 21:40	0.66	7.3	1.7	38,946
5/27/24 1:10	5/27/24 1:30	0.11	1.2	0.3	1,144
5/27/24 18:50	5/27/24 20:10	0.36	6.8	1.0	18,254
6/5/24 18:30	6/5/24 23:40	1.00	6.4	4.3	74,302
6/22/24 17:00	6/22/24 18:40	0.76	10.3	1.5	81,764
6/26/24 17:40	6/27/24 2:30	1.52	7.7	3.7	351,310
6/29/24 21:20	6/29/24 22:30	0.33	3.8	0.8	23,203
CSO-42					34,549,000
1/1/24 3:40	1/1/24 16:00	0.04	1.4	12.5	155,548
1/6/24 11:10	1/7/24 20:50	1.19	21.8	33.7	1,438,740
1/9/24 7:20	1/10/24 12:40	2.15	17.4	29.3	1,882,000
1/12/24 18:20	1/13/24 15:10	0.92	8.8	20.8	986,931
1/15/24 22:50	1/16/24 23:50	0.22	13.2	25.0	504,349
1/19/24 6:40	1/20/24 1:20	0.10	6.8	18.7	276,986
1/24/24 15:20	1/25/24 21:40	0.26	20.3	30.5	668,440
1/25/24 21:40	1/26/24 19:40	0.22	10.1	22.2	613,044
1/27/24 22:20	1/28/24 22:50	0.79	12.6	24.5	1,155,352
2/1/24 23:30	2/2/24 15:00	0.07	3.5	15.5	185,787
2/12/24 21:00	2/13/24 21:10	1.38	12.3	24.2	1,388,624
2/16/24 22:40	2/17/24 18:40	0.20	8.0	20.0	367,218
2/22/24 13:00	2/23/24 16:10	0.24	15.3	27.2	596,055
2/23/24 23:40	2/24/24 14:50	0.06	3.3	15.2	191,195
2/27/24 15:00	2/29/24 6:50	0.74	28.0	37.5	1,583,783

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
3/2/24 1:10	3/3/24 4:20	0.60	15.2	27.2	1,075,943
3/5/24 4:40	3/5/24 23:00	0.22	6.4	18.5	501,083
3/6/24 12:10	3/7/24 16:40	0.22	16.5	28.5	585,040
3/9/24 5:20	3/10/24 12:50	1.17	19.5	31.5	1,412,029
3/14/24 23:50	3/15/24 14:30	0.06	2.7	14.7	193,609
3/23/24 0:10	3/24/24 1:10	0.97	13.2	25.0	1,460,469
3/27/24 10:30	3/28/24 4:00	0.06	5.5	17.5	255,999
3/30/24 17:10	3/31/24 9:50	0.21	4.8	16.7	429,818
4/1/24 5:10	4/1/24 23:10	0.65	6.1	18.2	799,862
4/2/24 2:00	4/4/24 11:30	2.53	45.5	57.3	3,231,085
4/4/24 14:00	4/5/24 6:00	0.06	4.2	16.0	491,018
4/11/24 18:00	4/12/24 22:10	0.60	16.3	28.2	935,572
4/12/24 23:20	4/13/24 14:50	0.04	3.6	15.5	198,042
4/14/24 20:20	4/15/24 16:10	0.24	7.8	19.8	469,508
4/18/24 0:10	4/18/24 14:50	0.08	2.9	14.8	202,415
4/24/24 10:50	4/25/24 0:20	0.03	1.6	13.5	203,432
5/4/24 9:20	5/6/24 11:00	0.83	37.7	46.0	1,439,133
5/7/24 18:30	5/8/24 3:30	0.04	0.5	8.7	88,192
5/8/24 5:10	5/8/24 17:50	0.39	1.2	12.8	386,208
5/9/24 16:10	5/11/24 6:40	1.26	26.5	34.8	1,816,088
5/11/24 18:00	5/13/24 9:30	0.62	27.7	35.3	795,431
5/14/24 13:10	5/15/24 20:30	0.92	19.3	31.3	963,136
5/18/24 6:00	5/18/24 23:50	0.10	7.0	17.7	208,855
5/23/24 6:00	5/23/24 20:50	0.07	4.7	14.2	185,245
5/25/24 13:50	5/26/24 9:00	0.66	7.3	15.7	587,589
5/27/24 0:20	5/27/24 12:20	0.11	1.2	9.7	152,640
5/27/24 12:30	5/28/24 7:10	0.36	6.8	15.2	379,688
5/29/24 13:50	5/30/24 14:30	0.07	12.8	21.2	218,115
6/5/24 16:50	6/6/24 6:50	1.00	6.4	10.7	755,187
6/6/24 6:50	6/7/24 1:40	0.10	6.9	19.0	237,864
6/22/24 16:40	6/23/24 14:50	0.76	10.3	18.8	561,920
6/23/24 17:00	6/24/24 11:40	0.04	6.8	15.2	130,164
6/26/24 17:20	6/27/24 12:50	1.52	7.7	17.2	836,677
6/29/24 18:10	6/30/24 9:50	0.33	3.8	12.2	367,677
CSO-43					897,000
1/6/24 15:40	1/6/24 20:20	1.19	21.8	3.7	38,080
1/9/24 10:10	1/10/24 0:10	2.15	17.4	9.0	145,304
1/12/24 21:00	1/13/24 1:50	0.92	8.8	2.8	29,760
1/28/24 3:00	1/28/24 8:10	0.79	12.6	1.3	6,969
2/13/24 0:40	2/13/24 7:40	1.38	12.3	7.2	65,870
2/28/24 0:40	2/28/24 18:20	0.74	28.0	1.0	12,188
3/2/24 10:20	3/2/24 10:40	0.60	15.2	0.3	1,100
3/5/24 8:30	3/5/24 8:40	0.22	6.4	0.2	377
3/9/24 12:30	3/9/24 19:40	1.17	19.5	3.2	32,299
3/23/24 9:10	3/23/24 11:50	0.97	13.2	1.8	5,552
4/1/24 7:10	4/1/24 10:20	0.65	6.1	1.8	15,382
4/2/24 4:20	4/3/24 14:00	2.53	45.5	5.5	83,149
4/12/24 6:30	4/12/24 8:00	0.60	16.3	1.3	16,920
4/14/24 23:40	4/14/24 23:50	0.24	7.8	0.3	2,906
5/8/24 5:10	5/8/24 6:00	0.39	1.2	0.7	18,988
5/9/24 22:10	5/10/24 2:00	1.26	26.5	1.3	10,611
5/11/24 19:10	5/12/24 0:30	0.62	27.7	0.8	10,606
5/14/24 20:10	5/15/24 0:10	0.92	19.3	2.2	29,340
5/25/24 18:00	5/25/24 21:00	0.66	7.3	0.8	28,760
5/27/24 18:50	5/27/24 19:20	0.36	6.8	0.3	14,254
6/5/24 18:50	6/5/24 23:00	1.00	6.4	2.5	59,038

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
6/22/24 17:00	6/22/24 18:20	0.76	10.3	1.2	66,091
6/26/24 17:40	6/27/24 1:10	1.52	7.7	1.7	185,847
6/29/24 21:20	6/29/24 22:00	0.33	3.8	0.7	18,043
CSO-44					6,000,000
1/6/24 13:40	1/6/24 21:20	1.19	21.8	7.8	317,236
1/9/24 10:00	1/9/24 23:20	2.15	17.4	12.2	688,354
1/12/24 20:50	1/13/24 2:00	0.92	8.8	4.7	259,288
1/25/24 22:40	1/26/24 1:30	0.22	10.1	0.3	1,056
1/28/24 2:00	1/28/24 8:50	0.79	12.6	5.3	162,340
2/13/24 0:30	2/13/24 9:20	1.38	12.3	8.2	449,328
2/28/24 0:40	2/28/24 18:40	0.74	28.0	4.8	59,187
3/2/24 7:10	3/2/24 14:30	0.60	15.2	4.3	52,489
3/5/24 8:20	3/5/24 9:40	0.22	6.4	1.5	8,778
3/9/24 12:20	3/9/24 20:20	1.17	19.5	7.7	305,855
3/23/24 3:20	3/23/24 13:10	0.97	13.2	9.8	156,385
3/30/24 20:30	3/30/24 21:50	0.21	4.8	0.7	2,229
4/1/24 7:10	4/1/24 11:10	0.65	6.1	4.2	155,140
4/2/24 4:10	4/3/24 19:40	2.53	45.5	21.2	657,336
4/12/24 6:30	4/12/24 8:40	0.60	16.3	2.3	108,986
4/14/24 23:40	4/15/24 0:50	0.24	7.8	0.8	7,030
5/4/24 23:40	5/5/24 8:30	0.83	37.7	3.3	22,396
5/8/24 5:10	5/8/24 6:20	0.39	1.2	1.2	74,391
5/9/24 18:30	5/10/24 8:00	1.26	26.5	8.5	140,837
5/11/24 19:10	5/12/24 0:50	0.62	27.7	2.3	76,995
5/14/24 20:10	5/15/24 0:20	0.92	19.3	4.2	225,340
5/25/24 18:00	5/25/24 21:20	0.66	7.3	3.2	172,087
5/27/24 19:00	5/27/24 19:40	0.36	6.8	0.8	54,751
6/5/24 18:40	6/5/24 23:10	1.00	6.4	4.7	373,294
6/22/24 17:00	6/22/24 18:50	0.76	10.3	2.0	398,177
6/26/24 17:40	6/27/24 1:00	1.52	7.7	2.7	948,739
6/29/24 21:20	6/29/24 22:30	0.33	3.8	1.2	122,273
CSO-45					263,000
6/5/24 18:50	6/5/24 23:00	1.00	6.4	0.2	1,759
6/22/24 17:00	6/22/24 18:30	0.76	10.3	0.3	36,168
6/26/24 17:40	6/27/24 0:40	1.52	7.7	1.0	225,476
CSO-46					1,951,000
1/6/24 14:10	1/6/24 20:30	1.19	21.8	5.8	94,204
1/9/24 10:10	1/9/24 21:30	2.15	17.4	8.2	217,235
1/12/24 21:00	1/13/24 1:40	0.92	8.8	4.3	87,254
1/28/24 2:30	1/28/24 8:10	0.79	12.6	3.8	49,943
2/13/24 0:40	2/13/24 7:50	1.38	12.3	7.3	147,557
2/28/24 0:50	2/28/24 18:20	0.74	28.0	1.2	8,291
3/2/24 9:40	3/2/24 10:50	0.60	15.2	1.0	6,974
3/9/24 12:30	3/9/24 20:00	1.17	19.5	5.7	96,725
3/23/24 6:00	3/23/24 12:30	0.97	13.2	3.7	33,710
4/1/24 7:20	4/1/24 10:50	0.65	6.1	3.3	49,257
4/2/24 4:20	4/3/24 14:00	2.53	45.5	9.0	233,622
4/12/24 6:30	4/12/24 8:00	0.60	16.3	1.7	39,264
4/14/24 23:40	4/14/24 23:50	0.24	7.8	0.3	4,187
5/8/24 5:20	5/8/24 6:00	0.39	1.2	0.8	17,168
5/9/24 19:10	5/10/24 2:00	1.26	26.5	3.2	33,001
5/11/24 19:20	5/12/24 0:40	0.62	27.7	1.8	30,921
5/14/24 20:40	5/14/24 23:50	0.92	19.3	3.3	74,290
5/25/24 18:00	5/25/24 21:00	0.66	7.3	1.3	66,378
5/27/24 19:00	5/27/24 19:30	0.36	6.8	0.5	15,751
6/5/24 18:40	6/5/24 22:50	1.00	6.4	4.0	144,784

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
6/22/24 17:00	6/22/24 18:30	0.76	10.3	1.7	170,475
6/26/24 17:40	6/27/24 0:40	1.52	7.7	1.7	265,822
6/29/24 21:20	6/29/24 22:10	0.33	3.8	0.8	63,701
CSO-48					149,133,000
1/6/24 13:50	1/6/24 23:00	1.19	21.8	9.3	8,034,877
1/9/24 10:10	1/10/24 0:10	2.15	17.4	14.0	19,278,107
1/12/24 20:50	1/13/24 3:10	0.92	8.8	6.2	6,351,214
1/24/24 22:50	1/24/24 22:50	0.26	20.3	0.2	32,231
1/25/24 23:00	1/26/24 2:40	0.22	10.1	3.7	912,225
1/28/24 2:20	1/28/24 10:10	0.79	12.6	8.0	5,689,866
2/13/24 0:40	2/13/24 10:20	1.38	12.3	9.8	10,495,272
2/22/24 22:30	2/23/24 0:20	0.24	15.3	1.8	449,537
2/28/24 0:50	2/28/24 19:30	0.74	28.0	10.8	4,139,569
3/2/24 7:20	3/2/24 15:30	0.60	15.2	7.0	3,444,697
3/5/24 8:30	3/5/24 10:30	0.22	6.4	2.2	1,024,827
3/6/24 23:10	3/7/24 2:00	0.22	16.5	0.8	67,936
3/9/24 12:30	3/9/24 21:20	1.17	19.5	9.0	8,249,489
3/23/24 3:30	3/23/24 14:10	0.97	13.2	10.8	6,807,649
3/30/24 20:50	3/30/24 22:40	0.21	4.8	2.0	723,394
4/1/24 7:20	4/1/24 12:00	0.65	6.1	4.8	4,119,050
4/2/24 3:40	4/3/24 20:40	2.53	45.5	24.0	17,559,699
4/11/24 23:20	4/12/24 9:50	0.60	16.3	4.0	2,785,801
4/14/24 23:50	4/15/24 1:40	0.24	7.8	1.8	849,006
5/4/24 23:50	5/5/24 9:20	0.83	37.7	7.3	2,883,424
5/8/24 5:30	5/8/24 7:00	0.39	1.2	1.7	1,346,518
5/9/24 18:20	5/10/24 9:00	1.26	26.5	12.3	6,367,983
5/11/24 19:30	5/12/24 1:30	0.62	27.7	3.3	2,117,542
5/14/24 20:30	5/15/24 1:00	0.92	19.3	4.5	5,098,266
5/25/24 18:00	5/25/24 22:00	0.66	7.3	3.5	3,503,107
5/27/24 1:40	5/27/24 2:10	0.11	1.2	0.7	215,225
5/27/24 19:00	5/27/24 20:30	0.36	6.8	1.7	1,375,542
6/5/24 18:50	6/5/24 23:50	1.00	6.4	5.2	7,100,573
6/22/24 17:10	6/22/24 19:30	0.76	10.3	2.5	4,540,504
6/26/24 17:50	6/27/24 2:10	1.52	7.7	4.3	10,846,855
6/29/24 21:30	6/29/24 23:10	0.33	3.8	1.8	2,723,170
CSO-49					5,476,000
1/6/24 14:30	1/6/24 22:00	1.19	21.8	7.7	388,853
1/9/24 10:30	1/9/24 23:30	2.15	17.4	12.0	848,707
1/12/24 21:30	1/13/24 2:30	0.92	8.8	4.8	277,780
1/28/24 3:10	1/28/24 9:10	0.79	12.6	4.5	139,066
2/13/24 1:20	2/13/24 9:10	1.38	12.3	7.7	460,649
2/28/24 10:20	2/28/24 18:50	0.74	28.0	0.8	5,782
3/2/24 7:50	3/2/24 12:00	0.60	15.2	4.2	57,016
3/9/24 12:40	3/9/24 20:40	1.17	19.5	8.2	333,592
3/23/24 6:20	3/23/24 13:20	0.97	13.2	7.2	117,098
4/1/24 7:30	4/1/24 11:20	0.65	6.1	4.0	156,586
4/2/24 4:40	4/3/24 11:20	2.53	45.5	13.0	604,508
4/12/24 6:50	4/12/24 9:20	0.60	16.3	2.7	93,046
4/15/24 0:10	4/15/24 0:40	0.24	7.8	0.5	2,960
5/5/24 6:10	5/5/24 8:50	0.83	37.7	2.2	14,571
5/8/24 5:20	5/8/24 6:50	0.39	1.2	1.7	163,619
5/9/24 19:30	5/10/24 4:30	1.26	26.5	7.0	181,835
5/11/24 19:30	5/12/24 1:00	0.62	27.7	1.8	40,916
5/14/24 20:20	5/15/24 0:30	0.92	19.3	4.0	210,108
5/25/24 17:50	5/25/24 21:40	0.66	7.3	3.0	368,228
5/27/24 18:50	5/27/24 20:20	0.36	6.8	1.7	232,746

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
6/5/24 19:10	6/5/24 23:50	1.00	6.4	4.7	298,300
6/26/24 23:00	6/27/24 1:20	1.52	7.7	2.2	479,666
CSO-50					3,000,000
1/6/24 15:50	1/6/24 21:20	1.19	21.8	4.8	194,385
1/9/24 10:30	1/9/24 21:30	2.15	17.4	11.0	484,444
1/12/24 22:00	1/13/24 1:40	0.92	8.8	3.7	149,775
1/28/24 6:20	1/28/24 8:20	0.79	12.6	2.2	48,855
2/13/24 1:30	2/13/24 8:00	1.38	12.3	6.7	250,716
2/28/24 18:20	2/28/24 18:30	0.74	28.0	0.2	665
3/2/24 10:40	3/2/24 11:10	0.60	15.2	0.5	2,021
3/9/24 12:40	3/9/24 20:10	1.17	19.5	5.8	150,845
3/23/24 9:50	3/23/24 11:40	0.97	13.2	1.8	19,321
4/1/24 7:30	4/1/24 10:20	0.65	6.1	3.0	75,843
4/2/24 4:40	4/3/24 10:40	2.53	45.5	8.5	320,496
4/12/24 6:50	4/12/24 8:10	0.60	16.3	1.5	50,081
5/8/24 5:10	5/8/24 6:20	0.39	1.2	1.2	114,133
5/9/24 22:40	5/9/24 23:50	1.26	26.5	1.3	60,712
5/11/24 19:30	5/12/24 0:30	0.62	27.7	1.0	20,648
5/14/24 20:20	5/14/24 23:50	0.92	19.3	3.5	106,089
5/25/24 17:50	5/25/24 21:10	0.66	7.3	1.8	227,753
5/27/24 18:50	5/27/24 19:40	0.36	6.8	1.0	162,962
6/5/24 19:00	6/5/24 23:10	1.00	6.4	3.0	193,062
6/22/24 17:30	6/22/24 17:40	0.76	10.3	0.2	440
6/26/24 23:00	6/27/24 0:30	1.52	7.7	1.5	366,289
CSO-51					15,714,000
1/6/24 13:00	1/6/24 23:20	1.19	21.8	10.3	1,039,810
1/9/24 9:50	1/10/24 0:20	2.15	17.4	14.3	1,944,612
1/12/24 20:30	1/13/24 3:30	0.92	8.8	6.5	717,309
1/16/24 10:20	1/16/24 10:50	0.22	13.2	0.5	1,259
1/24/24 20:50	1/25/24 8:40	0.26	20.3	3.5	18,574
1/25/24 22:40	1/26/24 3:10	0.22	10.1	3.8	42,227
1/28/24 1:50	1/28/24 11:10	0.79	12.6	7.2	459,539
2/13/24 0:20	2/13/24 10:20	1.38	12.3	9.8	1,143,980
2/17/24 1:20	2/17/24 4:10	0.20	8.0	3.0	57,350
2/22/24 20:10	2/23/24 0:30	0.24	15.3	3.8	33,128
2/28/24 5:10	2/28/24 20:00	0.74	28.0	12.3	300,889
3/2/24 6:50	3/2/24 15:40	0.60	15.2	8.8	325,299
3/5/24 8:20	3/5/24 11:00	0.22	6.4	2.7	64,168
3/6/24 22:30	3/7/24 2:20	0.22	16.5	2.5	29,973
3/9/24 11:40	3/9/24 21:40	1.17	19.5	10.0	916,420
3/23/24 2:00	3/23/24 14:30	0.97	13.2	12.5	575,596
3/30/24 20:20	3/30/24 23:00	0.21	4.8	2.7	82,689
4/1/24 6:50	4/1/24 12:20	0.65	6.1	5.5	440,713
4/2/24 3:00	4/3/24 20:40	2.53	45.5	26.5	1,763,768
4/12/24 6:30	4/12/24 10:40	0.60	16.3	4.2	275,027
4/14/24 23:30	4/15/24 1:40	0.24	7.8	2.0	68,208
4/18/24 0:20	4/18/24 1:40	0.08	2.9	1.3	25,530
5/4/24 19:20	5/5/24 10:10	0.83	37.7	11.2	243,408
5/8/24 5:10	5/8/24 7:30	0.39	1.2	2.5	399,771
5/9/24 18:00	5/10/24 14:50	1.26	26.5	17.7	727,689
5/11/24 18:50	5/12/24 1:30	0.62	27.7	4.2	203,030
5/14/24 20:00	5/15/24 1:10	0.92	19.3	5.2	522,879
5/25/24 17:40	5/25/24 22:20	0.66	7.3	4.7	803,732
5/27/24 1:20	5/27/24 2:00	0.11	1.2	0.8	6,299
5/27/24 18:40	5/27/24 21:00	0.36	6.8	2.5	487,660
6/5/24 18:30	6/6/24 0:20	1.00	6.4	5.7	775,962

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
6/22/24 17:10	6/23/24 1:20	0.76	10.3	2.8	86,074
6/26/24 23:00	6/27/24 1:50	1.52	7.7	2.8	1,117,906
6/29/24 21:50	6/29/24 22:40	0.33	3.8	1.0	13,806
CSO-52					5,261,000
1/6/24 13:50	1/6/24 21:20	1.19	21.8	7.7	340,306
1/9/24 10:10	1/9/24 23:10	2.15	17.4	12.0	717,426
1/12/24 21:00	1/13/24 2:00	0.92	8.8	4.8	254,601
1/28/24 2:20	1/28/24 8:40	0.79	12.6	5.3	148,653
2/13/24 0:40	2/13/24 9:10	1.38	12.3	7.7	417,770
2/28/24 0:40	2/28/24 18:50	0.74	28.0	2.3	55,127
3/2/24 7:10	3/2/24 11:30	0.60	15.2	3.7	42,976
3/5/24 8:30	3/5/24 9:20	0.22	6.4	1.0	4,244
3/9/24 12:30	3/9/24 20:20	1.17	19.5	7.5	306,145
3/23/24 3:40	3/23/24 12:50	0.97	13.2	8.0	123,550
4/1/24 7:10	4/1/24 11:10	0.65	6.1	4.2	153,630
4/2/24 4:20	4/3/24 14:00	2.53	45.5	11.2	549,572
4/12/24 6:40	4/12/24 8:20	0.60	16.3	1.8	85,263
4/14/24 23:40	4/15/24 0:10	0.24	7.8	0.5	9,005
5/5/24 5:40	5/5/24 8:30	0.83	37.7	1.5	12,208
5/8/24 5:10	5/8/24 6:20	0.39	1.2	1.3	103,450
5/9/24 19:00	5/10/24 4:00	1.26	26.5	5.7	117,705
5/11/24 19:10	5/12/24 0:50	0.62	27.7	2.0	73,728
5/14/24 20:10	5/15/24 0:10	0.92	19.3	4.0	198,808
5/25/24 18:00	5/25/24 21:20	0.66	7.3	2.2	158,781
5/27/24 19:00	5/27/24 19:40	0.36	6.8	0.8	55,068
6/5/24 18:50	6/5/24 23:10	1.00	6.4	4.5	317,315
6/22/24 17:00	6/22/24 18:40	0.76	10.3	1.8	336,202
6/26/24 22:50	6/27/24 0:50	1.52	7.7	2.0	617,010
6/29/24 21:30	6/29/24 22:20	0.33	3.8	1.0	62,667
CSO-53					1,098,000
1/6/24 17:50	1/6/24 20:40	1.19	21.8	2.8	49,025
1/9/24 10:40	1/9/24 21:00	2.15	17.4	7.0	128,686
1/12/24 22:10	1/13/24 0:50	0.92	8.8	2.7	40,430
1/28/24 7:10	1/28/24 7:30	0.79	12.6	0.5	5,393
2/13/24 4:10	2/13/24 7:30	1.38	12.3	3.5	71,160
2/28/24 0:50	2/28/24 18:20	0.74	28.0	0.5	9,785
3/9/24 12:40	3/9/24 19:00	1.17	19.5	2.5	34,618
4/1/24 7:30	4/1/24 8:20	0.65	6.1	0.8	16,477
4/2/24 4:40	4/3/24 10:20	2.53	45.5	5.5	102,135
4/12/24 6:50	4/12/24 7:50	0.60	16.3	1.2	14,498
5/8/24 5:20	5/8/24 5:50	0.39	1.2	0.7	27,067
5/9/24 22:50	5/9/24 23:20	1.26	26.5	0.7	11,498
5/11/24 23:40	5/12/24 0:20	0.62	27.7	0.7	11,177
5/14/24 21:10	5/14/24 23:40	0.92	19.3	1.3	30,585
5/25/24 18:00	5/25/24 20:50	0.66	7.3	1.0	46,490
5/27/24 19:00	5/27/24 19:20	0.36	6.8	0.3	15,659
6/5/24 19:00	6/5/24 22:50	1.00	6.4	2.8	76,353
6/22/24 17:00	6/22/24 18:10	0.76	10.3	1.2	124,844
6/26/24 22:50	6/27/24 0:10	1.52	7.7	1.3	265,739
6/29/24 21:40	6/29/24 22:00	0.33	3.8	0.5	16,142
CSO-54					1,547,000
1/6/24 17:40	1/6/24 20:40	1.19	21.8	3.2	67,435
1/9/24 10:10	1/9/24 21:10	2.15	17.4	9.3	203,511
1/12/24 21:00	1/13/24 1:00	0.92	8.8	3.3	66,963
1/28/24 5:30	1/28/24 8:00	0.79	12.6	2.7	25,413
2/13/24 1:00	2/13/24 7:40	1.38	12.3	6.8	105,730

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
2/28/24 0:40	2/28/24 18:20	0.74	28.0	0.8	19,811
3/2/24 10:20	3/2/24 10:40	0.60	15.2	0.3	2,543
3/9/24 12:30	3/9/24 19:10	1.17	19.5	4.2	66,570
3/23/24 9:10	3/23/24 11:30	0.97	13.2	2.2	12,139
4/1/24 7:10	4/1/24 10:10	0.65	6.1	2.0	32,755
4/2/24 4:20	4/3/24 10:20	2.53	45.5	7.3	162,258
4/12/24 6:30	4/12/24 7:50	0.60	16.3	1.5	30,169
4/14/24 23:40	4/14/24 23:50	0.24	7.8	0.3	4,349
5/8/24 5:10	5/8/24 5:50	0.39	1.2	0.8	40,435
5/9/24 22:40	5/10/24 1:10	1.26	26.5	1.0	19,948
5/11/24 19:10	5/12/24 0:20	0.62	27.7	1.0	24,479
5/14/24 20:10	5/14/24 23:40	0.92	19.3	2.7	52,876
5/25/24 18:00	5/25/24 20:50	0.66	7.3	1.2	55,380
5/27/24 18:50	5/27/24 19:20	0.36	6.8	0.7	18,986
6/5/24 18:50	6/5/24 22:50	1.00	6.4	3.2	101,458
6/22/24 17:00	6/22/24 18:10	0.76	10.3	1.3	143,284
6/26/24 17:40	6/27/24 0:10	1.52	7.7	1.5	268,320
6/29/24 21:20	6/29/24 22:00	0.33	3.8	0.8	22,665
CSO-55					2,250,000
1/6/24 17:50	1/6/24 20:30	1.19	21.8	2.8	96,632
1/9/24 10:30	1/9/24 21:10	2.15	17.4	7.7	299,514
1/12/24 22:00	1/13/24 0:50	0.92	8.8	2.8	92,056
1/28/24 7:10	1/28/24 7:30	0.79	12.6	0.5	11,516
2/13/24 4:00	2/13/24 7:30	1.38	12.3	3.7	142,319
2/28/24 0:40	2/28/24 18:20	0.74	28.0	0.7	29,207
3/9/24 12:40	3/9/24 19:10	1.17	19.5	3.2	87,153
4/1/24 7:20	4/1/24 8:20	0.65	6.1	1.2	33,817
4/2/24 4:30	4/3/24 10:20	2.53	45.5	5.8	239,753
4/12/24 6:40	4/12/24 7:50	0.60	16.3	1.3	36,725
5/8/24 5:10	5/8/24 5:50	0.39	1.2	0.8	61,869
5/9/24 22:50	5/9/24 23:20	1.26	26.5	0.7	23,617
5/11/24 23:40	5/12/24 0:20	0.62	27.7	0.7	32,848
5/14/24 21:10	5/14/24 23:40	0.92	19.3	1.8	65,912
5/25/24 18:00	5/25/24 20:50	0.66	7.3	1.2	94,129
5/27/24 19:00	5/27/24 19:20	0.36	6.8	0.5	34,389
6/5/24 19:00	6/5/24 22:50	1.00	6.4	2.8	155,972
6/22/24 17:00	6/22/24 18:10	0.76	10.3	1.3	243,579
6/26/24 22:50	6/27/24 0:10	1.52	7.7	1.3	430,666
6/29/24 21:30	6/29/24 22:00	0.33	3.8	0.7	38,301
CSO-56					2,242,000
1/6/24 17:40	1/6/24 20:50	1.19	21.8	3.2	103,349
1/9/24 10:20	1/9/24 21:20	2.15	17.4	9.7	311,630
1/12/24 22:00	1/13/24 1:30	0.92	8.8	3.3	101,389
1/28/24 5:40	1/28/24 8:10	0.79	12.6	2.7	45,739
2/13/24 1:10	2/13/24 7:40	1.38	12.3	6.7	177,703
2/28/24 0:40	2/28/24 18:30	0.74	28.0	0.8	21,325
3/2/24 10:30	3/2/24 10:40	0.60	15.2	0.3	3,106
3/9/24 12:40	3/9/24 19:30	1.17	19.5	4.5	106,321
3/23/24 9:20	3/23/24 11:40	0.97	13.2	2.5	30,463
4/1/24 7:20	4/1/24 10:20	0.65	6.1	2.7	51,462
4/2/24 4:30	4/3/24 10:30	2.53	45.5	7.2	232,389
4/12/24 6:40	4/12/24 8:00	0.60	16.3	1.5	40,559
4/14/24 23:50	4/14/24 23:50	0.24	7.8	0.2	2,699
5/8/24 5:10	5/8/24 6:00	0.39	1.2	1.0	40,387
5/9/24 22:50	5/9/24 23:30	1.26	26.5	0.8	24,233
5/11/24 19:20	5/12/24 0:30	0.62	27.7	1.2	28,239

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
5/14/24 20:50	5/14/24 23:50	0.92	19.3	3.0	78,946
5/25/24 18:00	5/25/24 21:00	0.66	7.3	1.5	73,730
5/27/24 19:00	5/27/24 19:20	0.36	6.8	0.5	25,084
6/5/24 18:50	6/5/24 22:50	1.00	6.4	3.2	142,073
6/22/24 17:00	6/22/24 18:20	0.76	10.3	1.5	200,813
6/26/24 22:50	6/27/24 0:20	1.52	7.7	1.5	367,618
6/29/24 21:30	6/29/24 22:10	0.33	3.8	0.7	32,325
CSO-57					3,017,000
1/6/24 14:20	1/6/24 21:20	1.19	21.8	6.5	177,664
1/9/24 10:20	1/9/24 21:30	2.15	17.4	11.3	414,548
1/12/24 21:20	1/13/24 1:50	0.92	8.8	4.5	144,128
1/28/24 3:00	1/28/24 9:10	0.79	12.6	6.0	129,161
2/13/24 1:00	2/13/24 8:00	1.38	12.3	7.2	247,556
2/28/24 0:50	2/28/24 18:30	0.74	28.0	1.0	22,022
3/2/24 10:20	3/2/24 11:10	0.60	15.2	1.0	13,482
3/9/24 12:40	3/9/24 20:10	1.17	19.5	6.7	185,505
3/23/24 9:00	3/23/24 12:30	0.97	13.2	3.7	75,929
4/1/24 7:20	4/1/24 11:00	0.65	6.1	3.8	95,652
4/2/24 4:30	4/3/24 10:40	2.53	45.5	9.7	336,816
4/12/24 6:40	4/12/24 8:10	0.60	16.3	1.7	60,897
4/14/24 23:50	4/14/24 23:50	0.24	7.8	0.2	1,939
5/8/24 5:20	5/8/24 6:10	0.39	1.2	1.0	42,597
5/9/24 19:30	5/10/24 2:00	1.26	26.5	2.3	48,679
5/11/24 19:30	5/12/24 0:40	0.62	27.7	1.3	32,323
5/14/24 20:50	5/14/24 23:50	0.92	19.3	3.2	115,338
5/25/24 18:00	5/25/24 21:10	0.66	7.3	1.7	81,757
5/27/24 19:00	5/27/24 19:30	0.36	6.8	0.7	34,334
6/5/24 18:50	6/5/24 23:10	1.00	6.4	4.0	173,415
6/22/24 17:00	6/22/24 18:40	0.76	10.3	1.8	170,051
6/26/24 22:50	6/27/24 0:50	1.52	7.7	2.0	365,702
6/29/24 21:30	6/29/24 22:20	0.33	3.8	1.0	47,409
CSO-58					143,000
4/2/24 12:50	4/2/24 13:00	2.53	45.5	0.2	263
5/25/24 18:10	5/25/24 18:10	0.66	7.3	0.2	463
6/5/24 20:50	6/5/24 21:00	1.00	6.4	0.3	4,675
6/22/24 17:10	6/22/24 17:50	0.76	10.3	0.7	22,791
6/26/24 23:00	6/26/24 23:50	1.52	7.7	1.0	114,536
CSO-59					19,582,000
1/6/24 14:00	1/6/24 22:00	1.19	21.8	8.2	1,025,082
1/9/24 10:20	1/9/24 23:50	2.15	17.4	13.7	3,193,103
1/12/24 21:10	1/13/24 2:30	0.92	8.8	5.3	823,243
1/28/24 2:30	1/28/24 9:10	0.79	12.6	6.8	556,326
2/13/24 0:50	2/13/24 8:30	1.38	12.3	7.8	1,388,979
2/28/24 1:00	2/28/24 19:10	0.74	28.0	5.3	189,434
3/2/24 7:30	3/2/24 12:10	0.60	15.2	4.8	219,204
3/5/24 8:40	3/5/24 10:00	0.22	6.4	1.5	41,555
3/9/24 12:40	3/9/24 20:40	1.17	19.5	8.2	1,018,500
3/23/24 3:50	3/23/24 13:30	0.97	13.2	9.8	547,042
3/30/24 20:50	3/30/24 22:10	0.21	4.8	1.0	9,436
4/1/24 7:20	4/1/24 11:30	0.65	6.1	4.3	498,908
4/2/24 4:30	4/3/24 14:30	2.53	45.5	14.3	2,028,252
4/12/24 6:50	4/12/24 9:10	0.60	16.3	2.5	339,724
4/14/24 23:50	4/15/24 1:10	0.24	7.8	1.3	35,133
5/5/24 4:30	5/5/24 8:50	0.83	37.7	3.0	69,185
5/8/24 5:20	5/8/24 6:40	0.39	1.2	1.5	303,788
5/9/24 19:00	5/10/24 4:20	1.26	26.5	7.2	469,386

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
5/11/24 19:30	5/12/24 1:10	0.62	27.7	2.5	172,839
5/14/24 20:30	5/15/24 0:40	0.92	19.3	4.2	735,826
5/25/24 18:00	5/25/24 21:40	0.66	7.3	2.8	536,056
5/27/24 19:00	5/27/24 20:10	0.36	6.8	1.3	244,469
6/5/24 19:00	6/5/24 23:40	1.00	6.4	4.8	1,079,334
6/22/24 17:10	6/22/24 19:10	0.76	10.3	2.2	804,535
6/26/24 18:00	6/27/24 2:10	1.52	7.7	3.7	2,977,150
6/29/24 21:40	6/29/24 22:50	0.33	3.8	1.3	275,731
CSO-60					1,047,000
1/6/24 15:30	1/6/24 20:00	1.19	21.8	2.5	30,199
1/9/24 9:50	1/9/24 23:00	2.15	17.4	6.3	135,247
1/12/24 20:50	1/13/24 0:50	0.92	8.8	3.0	39,599
1/28/24 2:50	1/28/24 7:20	0.79	12.6	1.7	8,322
2/13/24 0:20	2/13/24 7:30	1.38	12.3	5.8	42,663
2/28/24 0:40	2/28/24 18:10	0.74	28.0	1.0	14,705
3/2/24 9:40	3/2/24 10:30	0.60	15.2	0.3	1,530
3/5/24 8:10	3/5/24 8:40	0.22	6.4	0.2	916
3/9/24 12:30	3/9/24 19:00	1.17	19.5	3.3	33,047
3/23/24 8:50	3/23/24 11:30	0.97	13.2	1.0	3,112
3/30/24 20:30	3/30/24 21:40	0.21	4.8	0.2	488
4/1/24 7:00	4/1/24 10:10	0.65	6.1	2.2	17,091
4/2/24 4:10	4/3/24 13:40	2.53	45.5	6.8	131,541
4/12/24 6:30	4/12/24 7:40	0.60	16.3	1.3	25,208
4/14/24 23:30	4/14/24 23:50	0.24	7.8	0.5	4,521
5/7/24 18:50	5/7/24 18:50	0.04	0.5	0.2	508
5/8/24 5:10	5/8/24 5:40	0.39	1.2	0.7	9,326
5/9/24 19:00	5/10/24 7:40	1.26	26.5	1.3	10,078
5/11/24 19:10	5/12/24 0:20	0.62	27.7	1.0	17,567
5/14/24 20:10	5/14/24 23:30	0.92	19.3	2.3	33,791
5/25/24 18:00	5/25/24 20:50	0.66	7.3	1.0	45,505
5/27/24 19:00	5/27/24 19:10	0.36	6.8	0.3	13,354
6/5/24 18:30	6/5/24 22:40	1.00	6.4	2.5	89,180
6/22/24 17:00	6/22/24 18:20	0.76	10.3	1.5	126,943
6/26/24 17:30	6/27/24 0:20	1.52	7.7	1.5	157,407
6/29/24 21:20	6/29/24 22:00	0.33	3.8	0.8	54,478
CSO-61					1,585,000
1/9/24 16:20	1/9/24 19:10	2.15	17.4	0.5	20,847
4/2/24 12:20	4/2/24 12:50	2.53	45.5	0.7	47,641
5/25/24 18:00	5/25/24 18:10	0.66	7.3	0.3	70,119
6/5/24 20:40	6/5/24 20:50	1.00	6.4	0.3	41,453
6/22/24 17:10	6/22/24 17:40	0.76	10.3	0.7	252,397
6/26/24 23:00	6/26/24 23:50	1.52	7.7	1.0	1,056,608
6/29/24 21:30	6/29/24 21:50	0.33	3.8	0.5	96,148
CSO-62					741,000
1/6/24 17:50	1/6/24 20:00	1.19	21.8	0.8	8,535
1/9/24 15:20	1/9/24 19:30	2.15	17.4	2.5	76,190
1/12/24 22:00	1/12/24 23:20	0.92	8.8	1.0	17,052
2/13/24 4:10	2/13/24 7:00	1.38	12.3	2.7	14,632
3/9/24 12:40	3/9/24 18:40	1.17	19.5	1.3	11,983
4/1/24 7:30	4/1/24 8:00	0.65	6.1	0.7	4,297
4/2/24 4:30	4/3/24 10:20	2.53	45.5	3.0	78,394
4/12/24 6:30	4/12/24 7:40	0.60	16.3	0.7	13,394
4/14/24 23:40	4/14/24 23:40	0.24	7.8	0.2	388
5/8/24 5:30	5/8/24 5:30	0.39	1.2	0.2	1,808
5/9/24 23:00	5/9/24 23:10	1.26	26.5	0.3	1,176
5/11/24 23:40	5/11/24 23:50	0.62	27.7	0.3	3,553

CAPITAL REGION WATER
Combined Sewer Overflow Report by Outfalls - H/H Model Simulation
01/01/2024 - 06/30/2024

Overflow Start Time	Overflow End Time	Amount of Rain (in)	Duration of Rain (hr)	Duration of Overflow (hr)	Volume of Overflow (Gallons)
5/14/24 20:40	5/14/24 22:50	0.92	19.3	1.2	13,337
5/25/24 18:00	5/25/24 18:10	0.66	7.3	0.3	32,523
6/5/24 18:40	6/5/24 22:10	1.00	6.4	1.8	64,546
6/22/24 17:10	6/22/24 18:20	0.76	10.3	1.0	125,143
6/26/24 17:40	6/26/24 23:50	1.52	7.7	1.3	206,318
6/29/24 21:20	6/29/24 21:50	0.33	3.8	0.7	67,808
CSO-63					893,000
1/9/24 16:00	1/9/24 19:30	2.15	17.4	1.7	45,606
1/12/24 22:50	1/12/24 23:00	0.92	8.8	0.2	816
4/2/24 12:20	4/2/24 13:00	2.53	45.5	0.8	54,871
4/12/24 7:40	4/12/24 7:40	0.60	16.3	0.2	5,182
5/14/24 21:20	5/14/24 21:20	0.92	19.3	0.2	2,493
5/25/24 18:00	5/25/24 18:10	0.66	7.3	0.3	30,496
6/5/24 20:40	6/5/24 22:10	1.00	6.4	1.0	40,359
6/22/24 17:10	6/22/24 18:00	0.76	10.3	1.0	171,331
6/26/24 23:00	6/27/24 0:10	1.52	7.7	1.2	464,236
6/29/24 21:30	6/29/24 21:50	0.33	3.8	0.5	77,493
CSO-64					200,000
4/2/24 12:40	4/2/24 12:40	2.53	45.5	0.2	264
5/25/24 18:00	5/25/24 18:00	0.66	7.3	0.2	4,748
6/5/24 20:40	6/5/24 20:40	1.00	6.4	0.2	318
6/22/24 17:10	6/22/24 17:30	0.76	10.3	0.5	23,137
6/26/24 22:50	6/26/24 23:50	1.52	7.7	1.0	163,357
6/29/24 21:30	6/29/24 21:40	0.33	3.8	0.3	7,706

APPENDIX K-5

DRY WEATHER OVERFLOWS REPORT

<u>InspectionID</u>	<u>Inspection Date</u>	<u>Location</u>	<u>Work Order ID</u>	<u>Overflow Start Time</u>	<u>Overflow Stop Time</u>	<u>Duration of Overflow</u>	<u>Estimated Discharge in Gals.</u>	<u>Estimated Discharge in Gals.Unknown</u>	<u>Comments</u>
CSO-026									
231443	01/22/2024	S. CAMERON & CUMBERLAND	80572	945	130	3.75	675	<input checked="" type="checkbox"/>	
						SUMMARY:	3.75	675	
						AVERAGE:	3.75	675	
CSO-033									
243982	04/23/2024	E. CAMERON & WALNUT	82481	830	845	0.25	39	<input type="checkbox"/>	water dept flushing up stream
						SUMMARY:	0.25	39	
						AVERAGE:	0.25	39	
CSO-039									
231505	01/23/2024	S. MULBERRY & CAMERON	80585	8:30	12:15	3.75	1,805	<input type="checkbox"/>	
235693	03/21/2024	S. MULBERRY & CAMERON	81910	830	1145	3.25	429	<input type="checkbox"/>	
						SUMMARY:	7.00	2,234	
						AVERAGE:	3.50	1,117	

<u>InspectionID</u>	<u>Inspection Date</u>	<u>Location</u>	<u>Work Order ID</u>	<u>Overflow Start Time</u>	<u>Overflow Stop Time</u>	<u>Duration of Overflow</u>	<u>Estimated Discharge in Gals.</u>	<u>Estimated Discharge in Gals.Unknown</u>	<u>Comments</u>
CSO-048									
230754	01/11/2024	10TH & SHANNON	80368	8:00	12:00	16.00	17,808	<input type="checkbox"/>	
						SUMMARY:	16.00	17,808	
						AVERAGE:	16.00	17,808	
CSO-054									
238003	03/29/2024	FRONT & PINE	82027	900	1000	1.00	200	<input type="checkbox"/>	ran line
235147	03/13/2024	FRONT & PINE	81673	900	915	0.25	144	<input type="checkbox"/>	
235479	03/17/2024	FRONT & PINE	81850	800	930	1.50	863	<input type="checkbox"/>	
						SUMMARY:	2.75	1,207	
						AVERAGE:	0.92	402	
CSO-057									
231236	01/18/2024	CHERRY & MULBERRY	80527	918	938	0.25	61	<input type="checkbox"/>	
						SUMMARY:	0.25	61	
						AVERAGE:	0.25	61	



Appendix L

Nine Minimum Control (NMC) Plan Summary Table for Capital Region Water's Combined Sewer System

Required Actions	Source of Requirement		Current Level of Implementation	Actions Necessary for Achieving Compliance		Supporting Documentation
	NMC Guidance Section	Mod. Partial Consent Decree Paragraph		Description	Deadline	
NMC-1: Proper Operation and Regular Maintenance Programs						
1.1: Regulatory Context						
1.2: Organization, Planning & Budget						
1.2.1: Organization and Responsible Staff	2.1	---	<ul style="list-style-type: none"> Developed organizational structure Increased involvement of wastewater superintendent to provide comprehensive oversight in a single position Hired additional staff to support remedial work; refined field maintenance and operations structure, Headworks at AWTF 	<ul style="list-style-type: none"> Expand/refine the existing org chart 	Annually every Mar 31 st	
1.2.2: Resources Allocated to O&M Activities	2.1	C(10)(a)	<ul style="list-style-type: none"> Wastewater Division completed level of effort analysis for remedial work and future preventative maintenance CRW budget defines O&M resources 	<ul style="list-style-type: none"> Assess human and equipment resources Develop O&M budget 	Annually every Dec. 31 st Annually every Dec. 31 st	See OMM Section 4.12 See Appendix B
1.2.3: Remedial Work Prioritization	2.1	C(10)(a)	<ul style="list-style-type: none"> Implemented priority remedial work system, including criticality criteria analysis 	<ul style="list-style-type: none"> Review, refine, apply prioritization criteria 	Annually every Mar 31 st	
1.2.4: Equipment Purchase Prioritization	2.1	C(10)(a)	<ul style="list-style-type: none"> Implemented priority equipment purchase system 	<ul style="list-style-type: none"> Review, refine, apply prioritization criteria 	Annually every Dec. 31 st	
1.2.5: O&M Program Review and Revision	2.1	C(10)(a)	<ul style="list-style-type: none"> Prepared O&M review, revision protocol Implemented revisions to O&M program to incorporate Cityworks and new SOPs 	<ul style="list-style-type: none"> Review, revise O&M program 	Annually w/ submission on Mar. 31 st w/ Ch. 94 Rpt.	
1.3: System Organization and Priorities						
1.3.1 Critical Facilities Definition	2.1	C(10)(a)	<ul style="list-style-type: none"> CRW interceptors, CSO regulators, and pump stations within the conveyance system are defined as critical. Collection system manholes were inspected for use in determining critical sections of the collection system Critical collection system elements are represented in H/H model 	<ul style="list-style-type: none"> Review, refine, apply prioritization criteria 	Annually every Mar 31 st	See OMM Section 3.1 & 3.3
1.3.2: Critical Equipment Definition	2.1	C(10)(a)	<ul style="list-style-type: none"> Current critical equipment list prepared; updated per recent purchases 	<ul style="list-style-type: none"> Update critical equipment list 	Annually every Mar 31 st	See OMM Section 3.2 & 3.4
1.3.3: Sewershed / Catchment Delineation	---	C(10)(a)	<ul style="list-style-type: none"> Preliminary sewershed delineation complete; sewershed boundaries revised if necessary based on collection system manhole inspection 	<ul style="list-style-type: none"> Refine catchment delineation to reflect new information from systemwide CCTV inspection 	Ongoing	
1.3.4: System Characterization and Mapping	---	C(10)(a)	<ul style="list-style-type: none"> GIS of conveyance system complete Updated GIS of collection system based on manhole inspection data 	<ul style="list-style-type: none"> Continue to refine collection system GIS based from systemwide CCTV inspection 	Ongoing	
1.4: O&M of CSO Regulator Structures						
1.4.1: Inspection Procedures / Schedules	2.1	C(10)(a)	<ul style="list-style-type: none"> Each regulator inspected daily Prepared CAMP Study Plan Completed CAMP Study 	<ul style="list-style-type: none"> Continue existing daily regulator inspections Address CAMP recommendations during design of future regulator enhancement projects under LTCP implementation. 	Ongoing Ongoing	See OMM Section 4.1.2 to 4.1.6 See CAMP Study Plan, CBH2OPP (LTCP)
1.4.2: Remedial Repair Procedures / Schedules	2.1	---	<ul style="list-style-type: none"> Corrective maintenance performed per inspections 	<ul style="list-style-type: none"> None: current approach complies with NMC requirements 	Not Applicable	See OMM, Section 4.1.4
1.4.3: Maintenance Procedures / Schedules	2.1	---	<ul style="list-style-type: none"> Preventive maintenance performed annually 	<ul style="list-style-type: none"> None: current approach complies with NMC requirements 	Not Applicable	See OMM, Section 4.1.7
1.4.4: Documentation Procedures	2.1	C(10)(a)	<ul style="list-style-type: none"> Activities recorded in Interceptor Service Reports Cityworks O&M documentation for field work 	<ul style="list-style-type: none"> Continue to update Cityworks for future process changes & regulatory requirements 	Ongoing	See OMM, Section 4.1.8
1.5: O&M of Outfalls / Backflow Prevention						
1.5.1: Inspection Procedures / Schedules	2.1	C(10)(a)	<ul style="list-style-type: none"> Current inspections of diversion weirs/CSO outfalls Performed CD-required inspections of outfalls to assess structural condition / gate integrity Initiate gate inspections prior to predicted flood conditions 	<ul style="list-style-type: none"> Perform river intrusion inspections for key locations 	Ongoing	See CD Par (G)(31)(c) for inspection requirements See OMM Section 4.2.3 to 4.2.6

Nine Minimum Control (NMC) Plan Summary Table for Capital Region Water's Combined Sewer System

Required Actions	Source of Requirement		Current Level of Implementation	Actions Necessary for Achieving Compliance		Supporting Documentation
	NMC Guidance Section	Mod. Partial Consent Decree Paragraph		Description	Deadline	
1.5.2: Remedial Repair Procedures / Schedules	2.1	G(31)(c)	<ul style="list-style-type: none"> Work done as identified by existing inspections Evaluated outfall/gate condition and susceptibility to river intrusion Defined near-term CSO outfall/regulator reconfiguration strategy for CSOs with <1-yr freeboard Incorporated river intrusion protection into Front St. PS rehab 	<ul style="list-style-type: none"> None: current approach complies with NMC requirements Address potential river intrusion during design of future regulator enhancement projects under baseline CBH2OPP implementation. Implement repairs/replacement for CSOs in critical condition Replace flap gates for identified outfalls 	Ongoing Ongoing	See OMM Section 4.2.4 CBH2OPP (LTCP)
1.5.3: Maintenance Procedures / Schedules	2.1	---	<ul style="list-style-type: none"> Preventive maintenance performed annually. Performed debris removal identified during inspections 	<ul style="list-style-type: none"> Semi-annual gate exercising and maintenance for all gates 	Ongoing	See OMM Section 4.2.7
1.5.4: Documentation Procedures	2.1	C(10)(a)	<ul style="list-style-type: none"> Activities recorded in Cityworks 	<ul style="list-style-type: none"> Continue to update Cityworks for future process changes & regulatory requirements 	Ongoing	See OMM Section 4.2.8
1.6: O&M of Interceptors						
1.6.1: Inspection Procedures / Schedules	2.1	C(10)(a)	<ul style="list-style-type: none"> Comprehensive inventory/inspection completed in 2014; post cleaning inspection completed in 2016 	<ul style="list-style-type: none"> Repeat inspections every 5 years following interceptor rehabilitation 	Varies based on cleaning and rehab schedule	See OMM, Section 4.4.3
1.6.2: Remedial Repair Procedures / Schedules	2.1	C(10)(a)	<ul style="list-style-type: none"> Asylum Run Interceptor rehabilitation completed Front Street Ph. 1 Interceptor completed 	<ul style="list-style-type: none"> Rehabilitate Paxton Creek Interceptor Rehabilitate Front Street Ph 2 Interceptor Rehabilitate Spring Creek Interceptor (in conjunction w/ Spring Creek PS project) 	2032 2023 TBD	See OMM, Section 4.4.5
1.6.3: Maintenance Procedures / Schedules	2.1	C(10)(a)	<ul style="list-style-type: none"> 33,500 ft sewer cleaning identified in 2014; completed cleaning in February 2017 	<ul style="list-style-type: none"> Monitor debris levels in interceptor manholes 	Ongoing	See OMM, Section 4.4.4
1.6.4: Documentation Procedures	2.1	C(10)(a)	<ul style="list-style-type: none"> Activities recorded in Cityworks 	<ul style="list-style-type: none"> Continue to update Cityworks for future process changes & regulatory requirements 	Ongoing	See OMM, Section 4.4.6
1.7: O&M of Pump Stations						
1.7.1: Inspection Procedures / Schedules	2.1	C(10)(a)	<ul style="list-style-type: none"> Inspected daily, seven days a week 	<ul style="list-style-type: none"> None: current approach complies with NMC requirements 	Not Applicable	See OMM Section 4.3.2
1.7.2: Remedial Repair Procedures / Schedules	2.1	C(10)(a)	<ul style="list-style-type: none"> Remedial repairs done as needed and as identified by daily inspections Completed Front Street Pump Station upgrade 	<ul style="list-style-type: none"> Spring Creek Pump Station upgrade 	TBD	
1.7.3: Maintenance Procedures / Schedules	2.1	C(10)(a)	<ul style="list-style-type: none"> Routine, scheduled preventive maintenance 	<ul style="list-style-type: none"> Develop O&M program for rehabilitated Front Street PS 	To Be Determined	See OMM Section 4.3.4.11, 4.3.5.11, 4.3.8
1.7.4: Documentation Procedures	2.1	C(10)(a)	<ul style="list-style-type: none"> Activities recorded in Operations Log Enhanced tracking and reporting via Cityworks 	<ul style="list-style-type: none"> Continue to update Cityworks 	Ongoing	See OMM Section 4.3
1.8: O&M of Force Mains						
1.8.1: Inspection Procedures / Schedules	2.1	C(10)(a)	<ul style="list-style-type: none"> Periodic inspections by walking force main length Conducted internal inspection of all force mains 	<ul style="list-style-type: none"> None: current approach complies with NMC requirements 	Not Applicable	See OMM Section 4.5.3
1.8.2: Remedial Repair Procedures / Schedules	2.1	C(10)(a)	<ul style="list-style-type: none"> Force main in good condition, no remedial repair required 	<ul style="list-style-type: none"> None: current approach complies with NMC requirements 	Not Applicable	
1.8.3: Maintenance Procedures / Schedules	2.1	---	<ul style="list-style-type: none"> Exercise air release valves semi-annually 	<ul style="list-style-type: none"> None: current approach complies with NMC requirements 	Not Applicable	See OMM Section 4.5.4
1.8.4: Documentation Procedures	2.1	C(10)(a)	<ul style="list-style-type: none"> Commenced Cityworks O&M documentation for field work 	<ul style="list-style-type: none"> Expand reporting via Cityworks 	Ongoing	See OMM Section 4.5.5
1.9: O&M of Collection System Sewers						
1.9.1: Inspection Procedures / Schedules	2.1	C(10)(a)	<ul style="list-style-type: none"> Routine inspection of "hot spots" and at each regulator chamber Prioritized systemwide CCTV inspections underway Conducted rapid inspection of each manhole, sewer segment with pole camera; completed manhole inspection data review 	<ul style="list-style-type: none"> Perform systemwide CCTV inspection 	June 30, 2025	See OMM Section 4.6.3
1.9.2: Remedial Repair Procedures / Schedules	2.1	C(10)(a)	<ul style="list-style-type: none"> Limited reactive repairs as follow-up from customer complaints Schedule required remedial activities 	<ul style="list-style-type: none"> Develop rehabilitation project schedule from CCTV inspections 	Ongoing	See OMM Sections 4.6.5, 4.6.6
1.9.3: Maintenance Procedures / Schedules	2.1	C(10)(a)	<ul style="list-style-type: none"> As required and identified from inspections and customer complaints 	<ul style="list-style-type: none"> Refine and improve existing maintenance procedures and schedule via Cityworks 	Ongoing	See OMM Section 4.6.4
1.9.4: Documentation Procedures	2.1	C(10)(a)	<ul style="list-style-type: none"> Cityworks O&M documentation for field work 	<ul style="list-style-type: none"> Expand reporting via Cityworks 	Ongoing	See OMM Section 4.6.7

Nine Minimum Control (NMC) Plan Summary Table for Capital Region Water's Combined Sewer System

Required Actions	Source of Requirement		Current Level of Implementation	Actions Necessary for Achieving Compliance		Supporting Documentation
	NMC Guidance Section	Mod. Partial Consent Decree Paragraph		Description	Deadline	
1.10: O&M of Inlets / Catch Basins						
1.10.1: Inspection Procedures / Schedules	2.1	C(10)(a)	<ul style="list-style-type: none"> Reactive inspections as follow-up from documented customer complaints Completed initial inlet cleaning and inspection 	<ul style="list-style-type: none"> Inlet inspections every three years 	Complete; Ongoing	See OMM Section 4.7.4
1.10.2: Remedial Repair Procedures / Schedules	2.1	C(10)(a)	<ul style="list-style-type: none"> Initial repairs performed from inspections 	<ul style="list-style-type: none"> Continued work done as needed as follow-up from inspections 	Complete; Ongoing	
1.10.3: Maintenance Procedures / Schedules	2.1	C(10)(a)	<ul style="list-style-type: none"> Inlet cleaning conducted as follow-up from documented customer complaints 	<ul style="list-style-type: none"> Current reactive maintenance program evolves to a scheduled preventive maintenance program 	To Be Determined after remedial cleaning	See OMM Sections 4.7.5, 4.7.6
1.10.4: Documentation Procedures	2.1	C(10)(a)	<ul style="list-style-type: none"> Cityworks O&M documentation for field work 	<ul style="list-style-type: none"> Expand reporting via Cityworks 	Ongoing	See OMM Section 4.7.7
1.11: Source Investigations						
1.11.1: Food service grease traps	---	C(10)(a)	<ul style="list-style-type: none"> See NMC-3 	<ul style="list-style-type: none"> See NMC-3 	See NMC-3	
1.11.2: Non-Domestic waste streams	---	C(10)(a))	<ul style="list-style-type: none"> See NMC-3 	<ul style="list-style-type: none"> See NMC-3 	See NMC-3	
1.11.3: Floatables, Solids, Blockages	---	C(10)(a))	<ul style="list-style-type: none"> See NMC-6 	<ul style="list-style-type: none"> See NMC-6 	See NMC-6	
1.11.4: Sinkholes	---	C(10)(a)	<ul style="list-style-type: none"> Reactive inspections as follow-up from customer complaints or public works reports Corrective measures implemented as follow-up from completed inspections and investigations Complete remediation of sinkholes known at CD Date of Lodging 	<ul style="list-style-type: none"> Continued reactive inspections from enhanced customer complaint tracking system 	Ongoing	See Appendix C
1.12: Emergency Response Procedures						
1.12.1: Citizen Complaints / Service Requests	2.1	C(10)(a)	<ul style="list-style-type: none"> Three methods of emergency response reporting available; existing protocols and procedures available Provided emergency protocol for typical emergencies Cityworks documentation 	<ul style="list-style-type: none"> Expand reporting via Cityworks 	Ongoing	See OMM Section 4.10
1.12.2 Emergency Maintenance	2.1	C(10)(a)	<ul style="list-style-type: none"> Emergency response protocol is in place with contact numbers 	<ul style="list-style-type: none"> None: current approach complies with NMC requirements 	Not Applicable	See OMM Section 4.8 & 4.9
1.13: Training Policies and Procedures	2.1	C(10)(a)	<ul style="list-style-type: none"> Existing training procedures and classes Implemented NMC training 	<ul style="list-style-type: none"> Consider enhancements to existing training 	¹ Annually every Aug. 10 th	See OMM Section 4.11
1.14: Periodic Review of O&M Plans	2.1	C(10)(a)	<ul style="list-style-type: none"> NMC Plan & OMM preparation 	<ul style="list-style-type: none"> Annual updates to NMC Plan and OMM 	Annually	OMM
NMC-2: Maximum Use of the Collection System for Storage						
2.1: Regulatory Context						
2.2: Combined Sewer System Inspection	3.1	C(10)(b)	<ul style="list-style-type: none"> See NMC 1.4.1, 1.5.1, 1.6.1, 1.7.1, 1.8.1, 1.9.1, 1.10.1 	<ul style="list-style-type: none"> See NMC 1.4.1, 1.5.1, 1.6.1, 1.7.1, 1.8.1, 1.9.1, 1.10.1 	See NMC 1.4.1, 1.5.1, 1.6.1, 1.7.1, 1.8.1, 1.9.1, 1.10.1	See OMM Sections 4.1, 4.2, 4.3, 4.4, and 4.9
2.3: Reduce River Intrusion	---	C(10)(b)	<ul style="list-style-type: none"> See NMC 1.4, 1.5 	<ul style="list-style-type: none"> See NMC 1.4, 1.5 	See NMC 1.4, 1.5	See OMM Sections 4.1, 4.2
2.4: Adjustment of Regulator Settings	3.1	C(10)(b)	<ul style="list-style-type: none"> Developed H&H Model to assess settings; calibrated H&H model Confirmation inspections and enhanced documentation for existing regulator settings Characterized existing system performance Define initial cost-effective regulator adjustments Implemented Phase 1A regulator modifications 	<ul style="list-style-type: none"> Implement recommended regulator enhancement projects under baseline CBH2OPP implementation. Proceed with Phases 1B, 2, and 3 following completion of other system improvements. 	Ongoing	CBH2OPP (LTCP)
2.5: Installation of In-System Controls	3.1	---	<ul style="list-style-type: none"> Developed H&H Model to assess in-system controls; calibrated H&H model Characterized existing system performance Define cost-effective in-system controls, if any Implemented Phase 1A regulator modifications 	<ul style="list-style-type: none"> Implement decentralized green-grey stormwater controls within collection system as defined under CBH2OPP. Proceed with Phases 1B, 2, and 3 following completion of other system improvements. 	Ongoing	CBH2OPP (LTCP)
2.6: Removal of Obstructions to Flow	3.1	C(10)(b)	<ul style="list-style-type: none"> See NMC 1.6.3, 1.9.2, 1.10.2 	<ul style="list-style-type: none"> See NMC 1.6.3, 1.9.2, 1.10.2 	See NMC 1.6.3, 1.9.2, 1.10.2	See OMM Sections 4.4.4, 4.6.5, 4.7.5
2.7: Effectiveness Evaluation	---	C(10)(b)	<ul style="list-style-type: none"> Updated NMC Plan 	<ul style="list-style-type: none"> Review, revise NMC Plan 	¹ Annually every Aug. 10 th	

Nine Minimum Control (NMC) Plan Summary Table for Capital Region Water's Combined Sewer System

Required Actions	Source of Requirement		Current Level of Implementation	Actions Necessary for Achieving Compliance		Supporting Documentation
	NMC Guidance Section	Mod. Partial Consent Decree Paragraph		Description	Deadline	
NMC-3: Review and Modification of Pretreatment Requirements						
3.1: Regulatory Context						
3.2: Inventory Non-Domestic Dischargers						
3.2.1: Existing Pre-Treatment Program	4.1	---	<ul style="list-style-type: none"> Regulate existing list of eight industrial dischargers Reviewed potential facilities for incorporation in pretreatment program 	<ul style="list-style-type: none"> Continue to identify specific facilities with high-risk of wet weather discharge to add to pre-treatment program 	Ongoing	
3.2.2: Other Non-Domestic Dischargers	4.1	---	<ul style="list-style-type: none"> Performed categorical risk assessment of non-domestic land uses, activities of concern in City of Harrisburg Expanded FOG program w/ informational website; developed FOG registry, applications, permits, and guidance; conducting facility inspections 	<ul style="list-style-type: none"> Continue to identify specific facilities, activities, and areas with moderate-risk of wet weather discharge for education, surveillance Continue to implement the new FOG program 	Ongoing Ongoing	See Appendix D
3.3: Assess Impact of Non-Domestic Discharges	4.1	---	<ul style="list-style-type: none"> CRW enforces pretreatment requirements at eight industrial dischargers Established protocol with City for inspections Establish legal authority to inspect and regulate high-risk facilities, activities, and areas 	<ul style="list-style-type: none"> Develop, implement inspections/enforcement in moderate-risk areas 	To Be Determined	
3.4: Evaluate Feasible Modifications	4.1	---	<ul style="list-style-type: none"> Not scheduled for implementation 	<ul style="list-style-type: none"> Evaluate Feasible Pretreatment Program Modifications Evaluate Feasible Modifications for Other Non-Domestic Dischargers 	Ongoing Ongoing	
3.5: Effectiveness Evaluation	---	C(11)	<ul style="list-style-type: none"> Updated NMC Plan 	<ul style="list-style-type: none"> Review, revise NMC Plan 	Annually every Mar 31 st	
NMC-4: Maximization of Flow to POTW						
4.1: Regulatory Context						
4.2: Utilize Full Capacity of Conveyance System						
4.2.1: Restore Full Capacity via O&M	5.1	C(10)(c)	<ul style="list-style-type: none"> Systemwide data collection (see NMC Sections 1.4.1, 1.5.1, 1.6.1, 1.7.1, 1.8.1, 1.9.1, and 1.10.1) 	<ul style="list-style-type: none"> Systemwide remedial cleaning and repair (see NMC Sections 1.4.2, 1.5.2, 1.6.2, 1.7.2, 1.8.2, 1.9.2, 1.10.2) 	See NMC-1	See OMM Section 4
4.2.2: Adjust Conveyance System Operation	---	C(10)(c)	<ul style="list-style-type: none"> Developed H&H Model to assess system capacity; calibrated H&H model; characterized existing system performance Analyzed contributing flows Define initial cost-effective regulator adjustments Completed Front Street Pump Station upgrade Implemented Phase 1A regulator modifications 	<ul style="list-style-type: none"> Implement recommended regulator enhancement projects Appendix B of modified partial CD. Proceed with Phases 1B, 2, and 3 following completion of other system improvements. 	Complete/Ongoing	CBH2OPP (LTCP)
4.2.3: Reduce Infiltration / Inflow	---	C(10)(c)	<ul style="list-style-type: none"> Conduct flow monitoring to characterize wet weather inflows from suburban communities Prepared Capacity Assessment Report; no significant I/I reductions recommended 	<ul style="list-style-type: none"> None: current approach complies with NMC requirements 	See NMC 1.9.1	See Par. (E)(30)(c) of Partial CD
4.3: Optimize Wet Weather Performance of AWTF						
4.3.1: Analyze Existing AWTF Performance	5.1	C(11)	<ul style="list-style-type: none"> Assessment performed in CBH2OPP 	<ul style="list-style-type: none"> Implement recommended AWTF enhancement projects under Appendix B of modified partial CD. 	Ongoing	CBH2OPP (LTCP)
4.3.2: Assess Use of Unused Facilities	5.1	C(11)	<ul style="list-style-type: none"> Assessment performed in CBH2OPP 	<ul style="list-style-type: none"> Implement recommended AWTF enhancement projects under Appendix B of modified partial CD. 	Ongoing	CBH2OPP (LTCP)
4.4: Effectiveness Evaluation	---	C(11)	<ul style="list-style-type: none"> Updated NMC Plan 	<ul style="list-style-type: none"> Review, revise NMC Plan 	Annually every Mar 31 st	
NMC-5: Elimination of CSOs during Dry Weather						
5.1: Regulatory Context						
5.2: DWO Inspections / Assessment / Reporting	6.1	C(10)(d)	<ul style="list-style-type: none"> See NMC 1.4.1, 1.4.4 	<ul style="list-style-type: none"> See NMC 1.4.1, 1.4.4 	See NMC 1.4.1, 1.4.4	See OMM Section 4.1
5.3: DWO Corrective Actions						

Nine Minimum Control (NMC) Plan Summary Table for Capital Region Water's Combined Sewer System

Required Actions	Source of Requirement		Current Level of Implementation	Actions Necessary for Achieving Compliance		Supporting Documentation
	NMC Guidance Section	Mod. Partial Consent Decree Paragraph		Description	Deadline	
5.3.1: Regulator / Gate Controls	6.1	C(10)(d)	<ul style="list-style-type: none"> See NMC 1.4 and 1.5 	<ul style="list-style-type: none"> See NMC 1.4 and 1.5 	See NMC 1.4, 1.5, 1.9, 2.4	See OMM Sections 4.1, 4.2, 4.6
5.3.2: Receiving Water Cleanup	6.1	C(10)(d)	<ul style="list-style-type: none"> See NMC 6.4 	<ul style="list-style-type: none"> See NMC 6.4 	Not Applicable	See OMM Section 4.2
5-3: Effectiveness Evaluation	---	C(11)	<ul style="list-style-type: none"> Updated NMC Plan 	<ul style="list-style-type: none"> Review, revise NMC Plan 	¹ Annually every Aug 10 th	
NMC-6: Control of Solid and Floatable Materials						
6.1: Regulatory Context						
6.2: O&M of Combined Sewer System	---	C(10)(e)	<ul style="list-style-type: none"> See NMC-1.4, 1.5 	<ul style="list-style-type: none"> See NMC-1.4, 1.5 	See NMC 1.4, 1.5	See OMM Sections 4.1, 4.2
6.3: Evaluate/Define/Implement Corrective Actions						
6.3.1: Pollution Prevention	7.5	C(10)(e)	<ul style="list-style-type: none"> See NMC-7 	<ul style="list-style-type: none"> See NMC-7 		
6.3.2: Collection System Controls	7.1	C(10)(e)	<ul style="list-style-type: none"> Maintain existing sewer hoods in inlets and catch basins (see NMC 1.10) 	<ul style="list-style-type: none"> Incorporate decentralized green grey stormwater controls within collection system as defined under CBH2OPP Install hoods, baffles, or Type C inlet tops on inlets without existing floatables control 	Ongoing	See OMM Section 4.10, CBH2OPP (LTCP)
6.3.3: End-of-Pipe Controls	7.1	C(10)(e)	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> Address floatable control during design of future regulator enhancement projects under baseline CBH2OPP implementation. 	Ongoing	CBH2OPP (LTCP)
6.4: Receiving Water Cleanup	7.3	C(10)(e)	<ul style="list-style-type: none"> Removal of residual solid and floatable materials along shoreline 	<ul style="list-style-type: none"> None, current approach complies with NMC requirements 	See NMC 5.2	See OMM Section 4.2
6.5: Effectiveness Evaluation	---	C(11)	<ul style="list-style-type: none"> Updated NMC Plan 	<ul style="list-style-type: none"> Review, revise NMC Plan 	Annually every Mar 31 st	
NMC-7: Pollution Prevention Programs to Reduce CSO Contaminants						
7.1: Regulatory Context						
7.2: Street Cleaning	8.1.1	---	<ul style="list-style-type: none"> Commenced new street sweeping program Reviewed cost effectiveness of street sweeping O&M Program for CRW Operations 	<ul style="list-style-type: none"> Update O&M program for CRW operations 	Complete; Ongoing	Street/Pavement Management Fact Sheet (Appendix E) OMM
7.3: Public Education Programs	8.1.2	---	<ul style="list-style-type: none"> Established mechanisms for distributing educational materials Established 6 targeted themes with audiences Conducted first public awareness survey Prepare Public Education / Outreach Program 	<ul style="list-style-type: none"> Implement Public Education / Outreach Program Continue conducting public awareness surveys 	Ongoing	All Fact Sheets (Appendix E) Appendix F
7.4: Solid Waste Collection / Recycling	8.1.3	---	<ul style="list-style-type: none"> Provided and publicized by City of Harrisburg Developed coordinated surveillance protocol with City 	<ul style="list-style-type: none"> Distribute public education material Enact CRW Rules and Regulations 	August 1, 2024	Solid Waste Handling / Storage Fact Sheet (Appendix E)
7.5: Product Ban/Substitution	8.1.4	---	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> Provide education about product substitutions where product controls ineffective 	To Be Determined	All Fact Sheets (Appendix E)
7.6: Product Use Control	8.1.5	---	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> Distribute public education material 	August 1, 2024	Material Handling / Storage Fact Sheet (Appendix E)
7.7: Illegal Dumping	8.1.6	---	<ul style="list-style-type: none"> Regulated by City of Harrisburg Code Citizen Complaints/Service Requests (NMC 1.12.1) Developed coordinated surveillance protocol with City 	<ul style="list-style-type: none"> Distribute public education material Enact CRW Rules and Regulations 	August 1, 2024 Ongoing	Solid Waste Handling / Storage Fact Sheet (Appendix E)
7.8: Bulk Refuse Disposal	8.1.7	---	<ul style="list-style-type: none"> Provided and publicized by City of Harrisburg Developed coordinated surveillance protocol with City 	<ul style="list-style-type: none"> Distribute public education material Enact CRW Rules and Regulations 	August 1, 2024 Ongoing	Solid Waste Handling / Storage Fact Sheet (Appendix E)
7.9: Hazardous Waste Collection	8.1.8	---	<ul style="list-style-type: none"> Provided and publicized by City of Harrisburg Developed coordinated surveillance protocol with City 	<ul style="list-style-type: none"> Distribute public education material Enact CRW Rules and Regulations 	August 1, 2024 Ongoing	Material Handling / Storage Fact Sheet (Appendix E)
7.10: Water Conservation	8.1.9	---	<ul style="list-style-type: none"> CRW provides education about water conservation 	<ul style="list-style-type: none"> None: current approach complies with NMC requirements 	Not Applicable	
7.11: Non-Domestic Sources	8.1.10	---	<ul style="list-style-type: none"> See NMC-3 	<ul style="list-style-type: none"> See NMC-3 	See NMC-3	
7.12: Effectiveness Evaluation	---	C(11)	<ul style="list-style-type: none"> Updated NMC Plan 	<ul style="list-style-type: none"> Review, revise NMC Plan 	Annually every Mar 31 st	
NMC-8: Public Notification						

Nine Minimum Control (NMC) Plan Summary Table for Capital Region Water's Combined Sewer System

Required Actions	Source of Requirement		Current Level of Implementation	Actions Necessary for Achieving Compliance		Supporting Documentation
	NMC Guidance Section	Mod. Partial Consent Decree Paragraph		Description	Deadline	
8.1: Regulatory Context						
8.2: Warning Signs	9.1	C(10)(f)	<ul style="list-style-type: none"> Inventoried existing signs/assessed optional sites Installed temporary warning signs Prepared CSO Signage Plan Installed 13 new warning signs 	<ul style="list-style-type: none"> Implement CSO Signage Plan 	Ongoing	
8.3: Public Notification	9.1	C(10)(f)	<ul style="list-style-type: none"> Established mechanisms for distributing educational materials Implemented hotline for CSO notification 	<ul style="list-style-type: none"> Revise written public notification procedures 	Ongoing	
8.4: Public Education	9.1	C(10)(f)	<ul style="list-style-type: none"> See NMC 7.3 	<ul style="list-style-type: none"> See NMC 7.3 	See NMC 7.3	
8.5: Public Involvement	9.1	C(10)(f)	<ul style="list-style-type: none"> Multiple public involvement options provided 	<ul style="list-style-type: none"> None: current approach complies with NMC requirements 	Not Applicable	
8.6: Effectiveness Evaluation	---	C(11)	<ul style="list-style-type: none"> Updated NMC Plan Cityworks utilized to generate work orders from public 	<ul style="list-style-type: none"> Review, revise NMC Plan 	Annually every Mar 31 st	
NMC-9: Monitoring to Characterize CSO Impacts / Control Efficacy						
9.1: Regulatory Context						
9.2: Characterize Combined Sewer System	10.1.1	C(10)(a)	<ul style="list-style-type: none"> See NMC 1.3.4 	<ul style="list-style-type: none"> See NMC 1.3.4 	NMC 1.3.4	See OMM Section 2
9.3: CSO Activation Monitoring						
9.3.1: Phase 1: Daily Visual Inspections	10.1.2	C(10)(g)	<ul style="list-style-type: none"> Daily visual regulator inspections (See NMC 1-4) 13 Interceptor flow meters 13 flow meters at regulators to calibrate model (ends 4th quarter 2015) Calibrated H&H model 	<ul style="list-style-type: none"> Maintain Current Level of visual inspections Maintain 12 interceptor monitors 	Ongoing Ongoing	See OMM Section 4.1
9.3.2: Phase 2: Semi-Automated Detection	10.1.2	C(10)(g)	<ul style="list-style-type: none"> Prepared CSO Activation Monitoring Pilot (CAMP) Study Plan by 5/9/15 Completed CAMP Study 	<ul style="list-style-type: none"> Provide detailed Post-Construction Monitoring Plan according to the framework provided in the CBH2OPP 	Ongoing	See CAMP Study Plan, CBH2OPP (LTCP)
9.3.3: Phase 3: Post-Construction Monitoring	10.1.2	C(10)(g)	<ul style="list-style-type: none"> Develop draft post construction monitoring plan as part of the CBH2OPP 	<ul style="list-style-type: none"> Implement draft post construction monitoring plan as part of the CBH2OPP 	Ongoing	CBH2OPP (LTCP)
9.4: Precipitation Monitoring	10.1.2	C(10)(g)	<ul style="list-style-type: none"> Existing network of gauges as per IFMMPP Existing Gauge Adjusted Radar Rainfall system 	<ul style="list-style-type: none"> Continuation of gauge network to support post construction monitoring program Continuation of GARR system to support post construction monitoring program 	Ongoing	
9.5: Document CSOs	10.1.2	C(10)(g)	<ul style="list-style-type: none"> See NMC 1.3.1 	<ul style="list-style-type: none"> See NMC 1.3.1 		
9.6: Use H/H Model to Characterize CSOs	10.1.2	C(10)(g)	<ul style="list-style-type: none"> Developing H&H model and obtaining CSO monitoring data for future calibration 	<ul style="list-style-type: none"> Use calibrated model to quantify and characterize CSOs in semi-annual reports. 	Semi-annually, starting Mar. 31, 2017	

Appendix 0



2024 Annual MS4 Report - General Information

Report Status: **Submitted**

Permittee: **CAPITAL REG WATER** | NPDES Permit No.: **PAI133524**

Facility Name: **MS4 CITY OF HARRISBURG**
Facility Address: **Facility Address:**
Facility ID: **661965**
County: **Dauphin**
Municipality: **Harrisburg City**
Effective Date: **08/01/2020**
Expiration Date: **07/31/2025**
Renewal Due Date: **08/01/2025**

MS4 Contact: **CLAIRE MAULHARDT**
Title: **PROGRAM MANAGER**
Phone: **717-216-5269**
Email: **claire.maulhardt@capitalregionwater.com**

MS4 Report (Current Version)

Appendix Selection

You must review each appendix and select the appropriate appendices below.

- Appendix A Appendix B Appendix C Appendix D Appendix E Appendix F

Water Quality Information Module



Are there any discharges to waters within the Chesapeake Bay Watershed? **Yes**

Identify all surface waters that receive stormwater discharges from the permittee's MS4 and provide the requested information.

Receiving Water Name	Ch. 93 Class	Impaired	Cause(s)	TMDL	WLA
Susquehanna River	WWF	Yes	Pathogens, pH	No	No
Paxton Creek	WWF	Yes	DO/BOD, Other Habitat Alterations, Pathogens, Suspended Solids	Yes	Yes
Spring Creek	CWF	Yes	Other Habitat Alterations, Siltation, Water/Flow Variability	No	No
UNT to Spring Creek	CWF	Yes	Other Habitat Alterations, Siltation, Water/Flow Variability	No	No
Asylum Run	WWF	Yes	Pathogens, Siltation	Yes	Yes
Wildwood Lake	WWF	Yes	Siltation	Yes	Yes

General Minimum Control Measure (MCM) Information Module



Have you completed all MCM activities required by the permit for this reporting period? **Yes**

List the current entity responsible for implementing each MCM of your SWMP, along with contact names and phone numbers.

MCM	Entity Responsible	Contact Name	Phone Number
#1 Public Education and Outreach on Stormwater Impacts	CRW	Tanya Dierolf	717-216-5259
#2 Public Involvement / Participation	CRW	Tanya Dierolf	717-216-5259
#3 Illicit Discharge Detection and Elimination (IDD&E)	CRW	Michael Joseph	717-216-5259
#4 Construction Site Stormwater Runoff Control	DCCD/CRW	Claire Maulhardt	717-216-5259
#5 Post-Construction Stormwater Management in New Development and Redevelopment	DCCD/CRW	Claire Maulhardt	717-216-5259
#6 Pollution Prevention / Good Housekeeping	CRW	Claire Maulhardt	717-216-5259

MCM #1 – Public Education & Outreach on Stormwater Impacts Module



BMP #1: Develop, implement and maintain a written Public Education and Outreach Program.

1. For new permittees only, has the written PEOP been developed and implemented within the first year of permit coverage? **Yes**

2. Date of latest annual review of PEOP: **07/10/2024** Were updates made? **No**

3. What were the plans and goals for public education and outreach for the reporting period?

Continue implementation of the PEOP with emphasis on community outreach, specifically litter cleanups as a forum for pollution prevention and positive action, as well as website improvements.

4. Did the MS4 achieve its goal(s) for the PEOP during the reporting period? **Yes**

5. Identify specific plans and goals for public education and outreach for the upcoming year:

Continued implementation of the PEOP with emphasis on website enhancements, community events, and a coordinated stormwater week.

BMP #2: Develop and maintain lists of target audience groups present within the areas served by your MS4.

1. For new permittees only, have the target audience lists been developed and implemented within the first year of permit coverage? **Yes**

2. Date of latest annual review of target audience lists: **07/30/2024** Were updates made? **No**

BMP #3: Annually publish at least one educational item on your Stormwater Management Program.

1. For new permittees only, were stormwater educational and informational items produced and published in print and/or on the Internet within the first year of permit coverage? Yes

2. Date of latest annual review of educational materials: **07/30/2024** Were updates made? **No**

3. Do you have a municipal website? **Yes**

URL: **https://capitalregionwater.com/**

· If **Yes**, what MS4-related material does it contain?

Stormwater Introduction, City Beautiful H2O Program Plan, Street Sweeping, Joint Pollutant Reduction Plan

4. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:

Refer to attachments "MS4 Public Outreach and Education Update 08-01-2023 thru 07-31-2024", which summarizes the education/outreach publications and activities.

5. Identify specific plans for the publication of stormwater materials for the upcoming year:

Refer to Attachment section for annual PEOP target activities and plan.

BMP #4: Identify the two additional methods of distributing stormwater educational materials during the previous reporting period (e.g., displays, posters, signs, pamphlets, booklets, brochures, radio, local cable TV, newspaper articles, other advertisements, bill stuffers, posters, presentations, conferences, meetings, fact sheets, giveaways, or storm drain stenciling).

Identify the two additional methods of distributing stormwater educational materials during the previous reporting period (e.g., displays, posters, signs, pamphlets, booklets, brochures, radio, local cable TV, newspaper articles, other advertisements, bill stuffers, posters, presentations, conferences, meetings, fact sheets, giveaways, or storm drain stenciling).

Bill inserts, e-newsletters, social media, and earned media. Refer to Attachments for more details.

MCM #1 Comments:

CRW's annual update on PEOP activities is included in Attachment. CRW's PEOP is included in Attachment section.

MCM #1 Attachments:

File Name	Document Type	Short Description
Public Outreach and Education Program (PEOP) Plan.pdf	Public Education and Outreach Program Plan	CRW PEOP Plan
MS4 Public Outreach and Education Update 08-01-2023 thru 07-31-2024.pdf	Stormwater Educational Materials	Publication and Distribution of Stormwater Education Information for the reporting period

MCM #2 – Public Involvement/Participation Module ✔ ^

BMP #1: Develop, implement and maintain a written Public Involvement and Participation Program (PIPP)

1. For new permittees only, was the PIPP developed and implemented within one year of permit coverage? Yes

2. Date of latest annual review of PIPP: **07/30/2024** Were updates made? **No**

BMP #2: Advertise to the public and solicit public input on ordinances, SOPs, Pollutant Reduction Plans (PRPs) (if applicable) and TMDL Plans (if applicable), including modifications thereto, prior to adoption or submission to DEP:

1. Was an MS4-related ordinance, SOP, PRP or TMDL Plan developed during the reporting period? **No**

2. If **Yes**, describe how you advertised the draft document(s) and how you provided opportunities for public review, input and feedback:

3. If an ordinance, SOP or plan was developed or amended during the reporting period, provide the following information:

Ordinance/SOP/Plan Name	Date of Public Notice	Date of Public Hearing	Date Enacted or Submitted to DEP
No data available in table			

BMP #3: Regularly solicit public involvement and participation from the target audience groups using available distribution and outreach methods.

1. At least one public meeting or other MS4 event must be held during the 5-year permit coverage period to solicit participation and feedback from target audience groups. Was this meeting or event held during the reporting period? **Yes**

If **Yes**, Date of Meeting or Event: **05/30/2024**

2. Report instances of cooperation and participation in MS4 activities; presentations the permittee made to local watershed and conservation organizations; and similar instances of participation or coordination with organizations in the community.

Capital Region Water's City Beautiful H2O Stormwater Carnival, held on May 30th, 2024, successful engaged the community in exploring the Municipal Separate Storm Sewer System (MS4) and its environmental impacts. The event fostered a fun, family-friendly atmosphere while providing valuable education on the MS4, green stormwater infrastructure, litter prevention, and stormwater runoff reduction techniques—including information on the CBH2O Alternatives Analysis and Financial Capabilities Assessment. Attendees participated in interactive activities and games, toured rain gardens, and witnessed CCTV robotics demonstrations. CRW experts were available to answer questions and gather community feedback on current and future projects.

3. Report activities in which members of the public assisted or participated in the meetings and in the implementation of the SWMP, including education activities or efforts such as cleanups, monitoring, storm drain stenciling, or others.

CRW assists in various events and cleanups throughout the year. During these event CRW provided stormwater material and educates resident on CRW stormwater activities and project implementation.

MCM #2 Comments:

CRW's PIPP is included in Attachments.

MCM #2 Attachments:

File Name	Document Type	Short Description
Public Involvement and Participation Program (PIPP) Plan.pdf	Public Involvement/Participation Program Plan	CRW PIPP Plan

MCM #3 – Illicit Discharge Detection and Elimination (IDD&E) 



BMP #1: Develop and implement a written program for the detection, elimination, and prevention of illicit discharges into the regulated small MS4.

1. For new permittees only, was the written IDD&E program developed within one year of permit coverage? **Yes**

2. Date of latest annual review of IDD&E program:

07/30/2024

Were updates made?

No

BMP #2: Develop and maintain map(s) that show permittee and urbanized area boundaries, the location of all outfalls and, if applicable, observation points, and the locations and names of all surface waters that receive discharges from those outfalls. Outfalls and observation points shall be numbered on the map(s).

1. Have you completed a map(s) that includes all components of BMP #2? **Yes**

If **Yes** and you are a new permittee and have not submitted the map(s) previously, attach the map(s) to this report.

If **No**, date by which permittee expects map(s) to be completed:

2. Date of last update or revision to map(s): **09/02/2024**

3. Total No. of Outfalls in MS4: **84** Total No. of Outfalls Mapped: **84**

4. Total No. of Observation Points: **0** Total No. of Observation Points Mapped: **0**

5. During the reporting period, have you identified any existing outfalls that have not been previously reported to DEP in an NOI, application or annual report, or are any new MS4 outfalls proposed for the next reporting period? **Yes**

If **Yes**, select: Existing Outfall(s) Identified **Yes** New Outfall(s) Proposed **No**

BMP #3: In conjunction with the map(s) created under BMP #2 (either on the same map or on a different map), the permittee shall develop and maintain map(s) that show the entire storm sewer collection system within the permittee's jurisdiction that are owned or operated by the permittee (including roads, inlets, piping, swales, catch basins, channels, and any other components of the storm sewer collection system), including privately-owned components of the collection system where conveyances or BMPs on private property receive stormwater flows from upstream publicly-owned components.

1. Have you completed a map(s) that includes all components of BMP #3? **Yes**

If **Yes** and you are a new permittee and have not submitted the map(s) previously, attach the map(s) to this report.

If **No**, date by which permittee expects map(s) to be completed:

2. If **Yes** to #1, is the map(s) on the same map(s) as for outfalls and receiving waters? **Yes**

3. Date of last update or revision to map(s): **09/02/2024**

BMP #4: Conduct dry weather screenings of MS4 outfalls to evaluate the presence of illicit discharges. If any illicit discharges are present, the permittee shall identify the source(s) and take appropriate actions to remove or correct any illicit discharges. The permittee shall also respond to reports received from the public or other agencies of suspected or confirmed illicit discharges associated with the storm sewer system, as well as take enforcement action as necessary. The permittee shall immediately report to DEP illicit discharges that would endanger users downstream from the discharge, or would otherwise result in pollution or create a danger of pollution or would damage property.

For new permittees, all identified outfalls (and if applicable observation points) must be screened during dry weather at least twice within the 5-year period following permit coverage. For existing permittees, all identified outfalls (and if applicable observation points) must be screen during dry weather at least once within the 5-year period following permit coverage and, for areas where past problems have been reported or known sources of dry weather flows occur on a continual basis, outfalls must be screened annually during each year of permit coverage.

1. How many unique outfalls (and if applicable observation points) were screened during the reporting period? **0**

2. Indicate the percentage of all outfalls screened in the past five years. **100 %**

3. Indicate the percent of outfalls screened during the reporting period that revealed dry weather flows: **15 %**

4. Did any dry weather flows reveal color, turbidity, sheen, odor, floating or submerged solids? **No**

5. If **Yes** for #4, attach all sample results to this report with a map identifying the sample location. Explain the corrective action(s) taken in the attachment.

6. Do you use the MS4 Outfall Field Screening Report form (**3800-FM-BCW0521**) (<https://greenport.pa.gov/eLibrary/GetFolder?FolderID=2740>), provided in the permit? **No**

If **No**, attach a copy of your screening report form.

BMP #5: Enact a Stormwater Management Ordinance or SOP to implement and enforce a stormwater management program that includes prohibition of non-stormwater discharges to the regulated small MS4.

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that prohibits non-stormwater discharges? **Yes**

If **Yes**, indicate the date of the ordinance or SOP:

Date of the Ordinance	Borough/Township Name?
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02/01/2020	Capital Region Water Wastewater and Stormwater Rules and Regulation
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2. If **Yes** to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PMBCW0100j) with respect to authorized non-stormwater discharges? **Yes**

If **Yes** to #1 and the ordinance or SOP has not been submitted to DEP previously, attach the ordinance or SOP.

3. Were there any violations of the ordinance or SOP during the reporting period? **No**

If **Yes** to #3, complete the table below (attach additional sheets as necessary).

Violation Date	Nature of Violation	Responsible Party	Enforcement Taken
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No data available in table

4. Did you approve any waiver or variance during the reporting period that allowed an exception to non-stormwater discharge provisions of an ordinance or SOP? **No**

If **Yes** to #4, identify the entity that received the waiver or variance and the type of non-stormwater discharge approved.

BMP #6: Provide educational outreach to public employees, business owners and employees, property owners, the general public and elected officials (i.e., target audiences) about the program to detect and eliminate illicit discharges.

1. Was IDD&E-related information distributed to public employees, businesses, and the general public during the reporting period? **Yes**

If **Yes**, what was distributed?

Refer to Attachment section of MCM#1 - "MS4 Public Outreach and Education Updates 08-01-2023 thru 07-31-2024" for further details on FOG and IDDE educational outreach activities.

2. Is there a well-publicized method for employees, businesses and the public to report stormwater pollution incidents? **Yes**

3. Do you maintain documentation of all responses, action taken, and the time required to take action? **Yes**

MCM #3 Comments:

CRW's IDDE program is integrated within the Operation and Maintenance Manual, Nine Minimum Controls Plan, and Cityworks. The Cityworks IDDE workflow is included in the Attachment section. CRW has a map of the MS4 area and outfalls, which is included in the Attachments. CRW has incorporated an outfall inspection procedure in their Operations and Maintenance Manual (March 2021) and also developed Cityworks based on the DEP inspection form. Refer to Attachments for workflow documentation. Refer to attachment CRW MS4 Maps (Sept 2024). CRW mapping is as complete as possible as we continue to refine and update our catchments as we discover new outfalls.

MCM #3 Attachments:

File Name	Document Type	Short Description
Appendix B and C - Pathogen and PCB Source Investigation Plan.pdf	PCM Source Investigation	CRW Appendix B and C - Pathogen and PCB Source Investigation Plan
Storm Control Measure and Compliance Cityworks Templates.pdf	MS4 Outfall Field Screening Report	Stormwater outfall and illicit discharge Cityworks inspections templates
CRW MS4 Maps Sept 2024.pdf	MS4 Map	Capital Region Water MS4 Maps

MCM #4 – Construction Site Stormwater Runoff Control 



Are you relying on PA's statewide program for stormwater associated with construction activities to satisfy this MCM? **Yes**

(If **Yes**, respond to questions for BMP Nos. 1, 2 and 3 only in this section. If No, respond to questions for all BMPs in this section)

BMP #1: Develop, implement and maintain a written Public Involvement and Participation Program (PIPP)

During the reporting period, did you comply with 25 Pa. Code § 102.43 (relating to withholding building or other permits or approvals until DEP or a county conservation district (CCD) has approved NPDES permit coverage)? Note: If no building permit applications were received you may select Not Applicable. **Yes**

BMP #2: A municipality or county which issues building or other permits shall notify DEP or the applicable CCD within 5 days of the receipt of an application for a permit involving an earth disturbance activity consisting of one acre or more, in accordance with 25 Pa. Code § 102.42.

During the reporting period, did you comply with 25 Pa. Code § 102.42 (relating to notifying DEP/CCD within 5 days of receiving an application involving an earth disturbance activity of one acre or more)? Note: If no building permit applications were received you may select Not Applicable. **Yes**

BMP #3: Enact, implement and enforce an ordinance or SOP to require the implementation and maintenance of E&S control BMPs, including sanctions for non-compliance, as applicable.

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that requires implementation and maintenance of E&S control BMPs? **Yes**

If **Yes**, indicate the date of the ordinance or SOP:

Date of the Ordinance	Borough/Township Name?
02/01/2020	Capital Region Water Wastewater and Stormwater Rules and Regulation

2. If **Yes** to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PMBCW0100j)? **Yes**

3. If **Yes** to #1 and the ordinance or SOP has not been submitted previously, attach a copy of the ordinance or SOP.

BMP #4: Review Erosion and Sediment (E&S) control plans to ensure that such plans adequately consider water quality impacts and meet regulatory requirements.

Specify the number of E&S Plans you reviewed during the reporting period:

Not Applicable

BMP #5: Conduct inspections regarding installation and maintenance of E&S control measures during earth disturbance activities. Maintain records of site inspections, including dates and inspection results, in accordance with the record retention requirements in this permit.

Specify the number of E&S inspections you completed during the reporting period:

Not Applicable

BMP #6: Conduct enforcement when installation and maintenance of E&S control measures during earth disturbance activities does not comply with permit and/or regulatory requirements.

Specify the number of enforcement actions you took during the reporting period for improper E&S:

Not Applicable

BMP #7: Develop and implement requirements for construction site operators to control waste at construction sites that may cause adverse impacts to water quality. The permittee shall provide education on these requirements to construction site operators.

Specify the method(s) by which you are educating construction site operators on controlling waste at construction sites:

Not Applicable

BMP #8: Develop and implement procedures for the receipt and consideration of public inquiries, concerns, and information submitted by the public to the permittee regarding local construction activities.

1. A tracking system has been established for receipt of public inquiries and complaints. **Not Applicable**

2. Specify the number of inquiries and complaints received during the reporting period:

Not Applicable

MCM #4 Comments:

CRW has a Memorandum of Understanding with Dauphin County Conservation District and an updated Memorandum of Understanding with Dauphin County and the City of Harrisburg is in draft form and awaiting final execution.

MCM #4 Attachments:

File Name	Document Type	Short Description
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No attachments in the table.

MCM #5 – Post-Construction Stormwater Water Management in New Development & Redevelopment Module  

BMP #1: Enact, implement and enforce an ordinance or SOP to require post-construction stormwater management from new development and redevelopment projects, including sanctions for non-compliance.

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that requires implementation and maintenance of post-construction stormwater management (PCSM) BMPs? **Yes**

If **Yes**, indicate the date of the ordinance or SOP:

Date of the Ordinance	Borough/Township Name?
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02/01/2020	Capital Region Water Wastewater and Stormwater Rules and Regulation
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2. If **Yes** to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)? **Yes**

3. If **Yes** to #1 and the ordinance or SOP has not been submitted previously, attach a copy of the ordinance or SOP.

BMP #2: Develop and implement measures to encourage and expand the use of Low Impact Development (LID) in new development and redevelopment. Measures should also be included to encourage retrofitting LID into existing development. Enact ordinances consistent with LID practices and repeal sections of ordinances that conflict with LID practices.

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that encourages and expands the use of LID in new development and redevelopment? **Yes**

If **Yes**, indicate the date of the ordinance or SOP:

Date of the Ordinance Borough/Township Name?

01/01/2020 Capital Region Water Wastewater and Stormwater Rules and Regulations

2. If **Yes** to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PMBCW0100j)? **Yes**

3. If **Yes** to #1 and the ordinance or SOP has not been submitted previously, attach a copy of the ordinance or SOP.

BMP #3: Ensure adequate O&M of all post-construction stormwater management BMPs that have been installed at development or redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale.

1. Do you have an inventory of all PCSM BMPs that were installed to meet requirements in NPDES Permits for Stormwater Discharges Associated with Construction Activities approved since March 10, 2003? **Yes**

If **Yes** to #1, complete Table 1 in the next module.

2. Has proper O&M occurred during the reporting period for all PCSM BMPs? **Yes**

3. If **No** to #2, explain what action(s) the permittee has taken or plans to take to ensure proper O&M.

(If you are relying on PA's statewide program for stormwater associated with construction activities, you may skip to MCM #6, otherwise complete all questions for BMPs #4 - #6 in this section.)

BMP #4: Require the implementation of a combination of structural and/or non-structural BMPs that are appropriate to the local community, that minimize water quality impacts, and that are designed to maintain pre-development runoff conditions.

1. Specify the number of PCSM Plans reviewed during the reporting period for projects disturbing greater than or equal to one acre (including projects less than one acre that are part of a larger common plan of development or sale).

Not Applicable

2. Has a tracking system been established and maintained to record qualifying projects and their associated BMPs? **Not Applicable**

BMP #5: Ensure that controls are installed that shall prevent or minimize water quality impacts. The permittee shall inspect all qualifying development or redevelopment projects during the construction phase to ensure proper installation of the approved structural PCSM BMPs. A tracking system (e.g., database, spreadsheet, or written list) shall be implemented to track the inspections conducted and to track the results of the inspections (e.g., BMPs were, or were not, installed properly).

1. During the reporting period have you inspected all qualifying development and redevelopment projects during the construction phase to ensure proper installation of approved structural BMPs? **Not Applicable**

2. Has a tracking system been established and maintained to record results of inspections? **Not Applicable**

BMP #6: Develop a written procedure that describes how the permittee shall address all required components of this MCM.

Have you developed a written plan that addresses: 1) minimum requirements for use of structural and/or non-structural BMPs in plans for development and redevelopment; 2) criteria for selecting and standards for sizing stormwater BMPs; and 3) implementation of an inspection program to ensure that BMPs are properly installed?

Not Applicable

MCM #5 Comments:

CRW has a Memorandum of Understanding with Dauphin County Conservation District and an updated Memorandum of Understanding with Dauphin County and the City of Harrisburg is in draft form and awaiting final execution. As a new Permittee, CRW is coordinating with the City of Harrisburg and DCCD to obtain historical records on additional existing PCSM BMPs prior to 2017.

MCM #5 Attachments:

File Name	Document Type	Short Description
No attachments in the table.		





PCSM BMP Inventory Table 









Table 1. To complete the information needed for MCM #5, BMP #3, list all existing structural BMPs that discharge stormwater to the permittee's MS4 that were installed to satisfy PCSM requirements for earth disturbance activities under Chapter 102, and provide the requested information.

Note: Any BMP data entered/uploaded will be prepopulated in the next reporting year.

You may enter your BMPs manually or upload them using our template.

BMP No.	BMP Name	Date Installed	Date of Latest Inspection	Satisfactory	Active	Latitude	Longitude	Drain Area
1	Bioretention - Raingarden (A/B soils w/o underdrain)	10/15/2018	07/24/2024		Yes	40.295357	-76.888006	16.5
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
HACC Facilities Department 717-780-1126		yes				BMP types: Rain Gardens, berms, basins Drainage: MS4		
2	Bioretention - Raingarden (A/B soils w/ underdrain)	11/05/2018	07/17/2024		Yes	40.254222	-76.852469	1.61
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
Paxton Ministries 717-236-5508		yes				BMP types: Rain Gardens, Bioretention basins Drainage: Combine		
3	Dry Detention Basin	08/04/2018	07/17/2024		Yes	40.264478	-76.865524	3.35
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
Terese M. Delaplaine, J.D. CEO 717-230-3910		yes				BMP types: Rain Gardens, subsurface basins Drainage: Combine		
4	Bioretention - Raingarden (A/B soils w/ underdrain)	04/05/2018	07/24/2024		Yes	40.299113	-76.894725	1.65

BMP No.	BMP Name	Date Installed	Date of Latest Inspection	Satisfactory	Active	Latitude	Longitude	Drain Area
	Entity Responsible for O&M:	O&M Requirements:	Permit Number:	Description:				
	WHTM - Keith Blaidell 717-236-2727	yes		BMP types: Rain Gardens Drainage: Combine				
5	Bioretention - Raingarden (C/D soils w/ underdrain)	11/05/2018	07/24/2024	✓	Yes	40.300556	-76.890131	7.4
	Entity Responsible for O&M:	O&M Requirements:	Permit Number:	Description:				
	3300 Industrial Road Associates 717-645-2254	yes		BMP types: Rain Gardens, subsurface basins Drainage: Combine				
6	Other	05/15/2019	07/24/2024	✓	Yes	40.258498	-76.86173	0.99
	Entity Responsible for O&M:	O&M Requirements:	Permit Number:	Description:				
	PA Counseling Services Inc. (717) 695-7919	yes		BMP types: Subsurface Detention Basin Drainage: Combine				
7	Bioretention - Raingarden (A/B soils w/ underdrain)	12/10/2019	07/17/2024	✓	Yes	40.267163	-76.841589	6.83
	Entity Responsible for O&M:	O&M Requirements:	Permit Number:	Description:				
	Major John Griner 717-233-6755	yes		BMP types: Rain Gardens Drainage: MS4				
8	Infiltration Practices	11/18/2020	07/24/2024	✓	Yes	40.280751	-76.888466	0.73
	Entity Responsible for O&M:	O&M Requirements:	Permit Number:	Description:				
	The Buonarroti Truts 3605 Vartan Way, Suite 301 Harrisburg, PA 17110 717-657-0110 ext.244	yes		BMP types: Infiltration Basin Drainage: Combine				
9	Vegetated Open Channels (A/B soils)	09/08/2020	11/18/2020	✓	Yes	40.282879	-76.88301	12.52
	Entity Responsible for O&M:	O&M Requirements:	Permit Number:	Description:				
	Farm Show Complex (717) 787-5373	yes		BMP types: Swale Drainage: Combine				
10	Bioretention - Raingarden (A/B soils w/o underdrain)	11/01/2020	07/17/2024	✓	Yes	40.264893	-76.863472	0.85
	Entity Responsible for O&M:	O&M Requirements:	Permit Number:	Description:				
	White Haven Capital LLC 2675 Baltybunion Road Center Valley, PA 19034 917-535-3534	yes		BMP types: Detention Basin Drainage: Combine				
11	Other	12/15/2021	11/05/2021	✓	Yes	40.275855	-76.876187	1.65

BMP No.	BMP Name	Date Installed	Date of Latest Inspection	Satisfactory	Active	Latitude	Longitude	Drain Area
	Entity Responsible for O&M: 426 S. 3rd Street Suite 101 Iemoyne, PA 17043	O&M Requirements: yes	Permit Number:	Description: BMP types: Infiltration Beds Drainage: Combine				
12	Infiltration Practices	08/10/2022	07/17/2024		Yes	40.27534	-76.862359	0.43
	Entity Responsible for O&M: Cindy Mallow Director of Development 717-257-4442 x233 or cmallow@bethesdamission.org	O&M Requirements: yes	Permit Number:	Description: BMP types: Rain Gardens, Permeable Pavement Drainage: Combine				
13	Other	06/26/2021	08/10/2021		Yes	40.287113	-76.889263	11.35
	Entity Responsible for O&M: Jonathan Hudson The Hudson Companies 2450 Shenango Valley Freeway Hermitage, PA 16148 724- 981-1204	O&M Requirements: yes	Permit Number:	Description: BMP types: SWM Facility Drainage: Combine				
14	Other	10/28/2021	07/13/2021		Yes	40.278672	-76.873271	5.95
	Entity Responsible for O&M: Commonwealth of PA Department of General Services 717-787-3893	O&M Requirements: yes	Permit Number:	Description: BMP types: SWM Facility Drainage: MS4				
15	Bioretention - Raingarden (C/D soils w/ underdrain)	05/10/2022	07/24/2024		Yes	40.30125	-76.889728	7.7
	Entity Responsible for O&M: Randy Mower Director Operations 717-231-4040 x305	O&M Requirements: yes	Permit Number:	Description: BMP types: Basin Drainage: Combine				
16	Filter Strip Runoff Reduction	02/05/2022	07/17/2024		Yes	40.248444	-76.86827	2.57
	Entity Responsible for O&M: Breanna McCoy PMI Division Manager, Commercial 717-635-2427	O&M Requirements: yes	Permit Number:	Description: BMP types: Infiltration Beds Drainage: Combine				
17	Permeable Pavement w/ Sand or Veg (C/D soils w/ underdrain)	05/25/2022	07/24/2024		Yes	40.271066	-76.883372	0.382

BMP No.	BMP Name	Date Installed	Date of Latest Inspection	Satisfactory	Active	Latitude	Longitude	Drain Area
Entity Responsible for O&M: Deacon Tom Hewitt Director Facilities Phone: 717-720-2342		O&M Requirements: yes		Permit Number:		Description: BMP types: Permeable Pavement Drainage: MS4		
18	Infiltration Practices	01/08/2022	06/20/2022		Yes	40.308744	-76.887694	28.48
Entity Responsible for O&M: Beth Freymiller Environmental Manager 11840 Valley View Rd Eden Prairie, MN 55344 952-914- 5229		O&M Requirements: yes		Permit Number:		Description: BMP types: Infiltration Beds, Swales Drainage: MS4		
19	Other	10/24/2023	06/20/2024		Yes	40.282578	-76.889872	0.24
Entity Responsible for O&M: Camp Curtain YMCA Jamien Harvey 2135 N. 6th Street 717-238-9622		O&M Requirements: yes		Permit Number:		Description: BMP types: Control Structure with weir Drainage: Combine		
20	Infiltration Practices	07/26/2023	06/20/2024		Yes	40.282062	-76.890044	0.8
Entity Responsible for O&M: Camp Curtain YMCA Jamien Harvey 2135 N. 6th Street 717-238-9622		O&M Requirements: yes		Permit Number:		Description: BMP types: Green walls, Infiltration Basin, Bumpouts Drainage: Combine		
21	Infiltration Practices	01/18/2023	07/24/2024		Yes	40.276179	-76.886539	1.51
Entity Responsible for O&M: PHMC Archives Building (717) 783-3281		O&M Requirements: yes		Permit Number:		Description: BMP types: Infiltration Basin Drainage: Combine		
22	Bioretention - Raingarden (C/D soils w/ underdrain)	11/26/2023	07/17/2024		Yes	40.274766	-76.885558	3.61
Entity Responsible for O&M: Division Supervisor Shawna Cihak 717-221-3959 (f) Harrisburg Systems Manager Jeff Groff 717-221- 3933		O&M Requirements: yes		Permit Number:		Description: BMP types: Rain Gardens, Infiltration bed, green roof, water reuse Drainage: Combine		
23	Other	08/20/2024	07/30/2024		Yes	40.279683	-76.88851	5
Entity Responsible for O&M: William Wos P.O. Box 830, Hershey, PA 17033 717-520- 3413 WosW@mhs-pa.org		O&M Requirements: yes		Permit Number: PAC220328		Description: BMP types: Underground Storage Drainage: Combine		

BMP No.	BMP Name	Date Installed	Date of Latest Inspection	Satisfactory	Active	Latitude	Longitude	Drain Area
24	Bioretention - Raingarden (C/D soils w/ underdrain)	03/18/2024	07/30/2024		Yes	40.243636	-76.863725	5
Entity Responsible for O&M:		O&M Requirements:		Permit Number:	Description:			
Thomas Zimmerman Veterans Outreach of Pennsylvania 717-215-0305 tom.zimmerman@ebg-us.com		yes		PAC220319	BMP types: Rain Garden Infiltration Basin, Infiltration Trench Drainage: MS4			
25	Other	10/20/2022			Yes	40.280944	-76.889814	0.71
Entity Responsible for O&M:		O&M Requirements:		Permit Number:	Description:			
Mighty Group Holdings, LLC Adam Maust 1591 Stoney Mountain Way Dauphin, PA 17018 717-307-5501		yes			BMP types: SW Conveyance Drainage: Combine			
26	Infiltration Practices	05/25/2024			Yes	40.268664	-76.885675	0.49
Entity Responsible for O&M:		O&M Requirements:		Permit Number:	Description:			
Ava Goldman Bethel Village Associates 856-296-0670 avagoldman28@gmail.com		yes			BMP types: Underground Infiltration Facility Drainage: Combine			
27	Other	06/26/2024			Yes	40.252091	-76.861869	0.29
Entity Responsible for O&M:		O&M Requirements:		Permit Number:	Description:			
George Fernandez 717-963-7218 GFernandez@LatinoConnection.org		yes			BMP types: Underground Storage Drainage: Combine			

MCM #6 - Pollution Prevention / Good Housekeeping Module

BMP #1: Identify and document all operations that are owned or operated by the permittee and have the potential for generating pollution in stormwater runoff to the MS4. This includes activities conducted by contractors for the permittee.

1. Have you identified all facilities and activities owned and operated by the permittee that have the potential to generate stormwater runoff into the MS4? **Yes**

2. When was the inventory last reviewed? **07/31/2024**

3. When was it last updated? **01/20/2021**

BMP #2: Develop, implement and maintain a written O&M program for all operations that could contribute to the discharge of pollutants from the MS4, as identified under BMP #1. This program shall address stormwater collection or conveyance systems within the regulated MS4.

1. Have you developed a written O&M program for the operations identified in BMP #1? **Yes**

2. Date of last review or update to written O&M program: **03/28/2024**

BMP #3: Develop and implement an employee training program that addresses appropriate topics to further the goal of preventing or reducing the discharge of pollutants from operations to the regulated small MS4. All relevant employees and contractors shall receive training.

1. Have you developed an employee training program? **Yes**

2. Date of last review or update to training program: **06/03/2024**

Date of latest training: **06/20/2024**

3. Training topics covered:

1. Quarterly Meetings - Capital Region Water has company wide Quarterly Meetings, where topics are presented, resources and tools are shared, and regulatory obligations are shared with the whole company. Quarterly meetings are also used for company wide trainings, discussing development projects and upcoming regulations. During the March 26th, 2024 meeting an overview was provided on the City Beautiful H2O Program Plan's Alternatives Analysis long-term solutions to address combined sewer overflows and the MS4 system requirements. 2. Stormwater Operations and Maintenance Training - June 20th, 2024. Staff training and development is centered around CRW's growing Stormwater department, the MS4 permits regulations, SCMs and O&M of SCMs facilities throughout the City of Harrisburg. During this training we discussed surface and subsurface maintenance, inlet cleaning, share combine/MS4 requirements, outfall inspections, and outfall testing.

4. Name(s) of training presenter(s):

Claire Maulhardt - City Beautiful H2O Program Manager Micaela Swart - Project Engineer Sandy Batunkyi - Senior Landscape Architect at AKRF Ken Freysinger - Field Operations Supervisor

5. Names of training attendees:

1. Most CRW employees training (see attached) 2. Operations and manager staff (see attached)

MCM #6 Comments:

Capital Region Water uses various forms like our internal news letter to discuss and train our employees about illicit discharge and reporting a problem if they see it in the City of Harrisburg. It is important for CRW to train our employees to report a problem no matter if it is in the combined or MS4 system, due to CRWs proactive approach in both systems to prevent and investigate pollution and illicit discharges.

MCM #6 Attachments:

File Name	Document Type	Short Description
Training attendance Sheets.pdf	Stormwater Training Program	Training sign in sheets for the March 26, 2024 and the June 20, 2024 trainings.
CRW MS4 Maps Sept 2024.pdf	MS4 Map	Capital Region Water MS4 Maps

Pollutant Control Measures (PCMs) Module



Indicate the status of implementing PCMs in Appendices A, B and/or C by completing the table below. Skip this section if PCMs are not applicable.

Task	Attached	Date Completed	Anticipated Completion Date
Storm Sewershed Map(s)	<input checked="" type="checkbox"/>	09/02/2024	
Source Inventory	<input checked="" type="checkbox"/>	07/31/2023	

Task	Attached	Date Completed	Anticipated Completion Date
Investigation of Suspected Sources	<input type="checkbox"/>		07/31/2025
Ordinance/SOP for Controlling Animal Wastes	<input type="checkbox"/>	02/02/2020	

PCM Comments:

Refer to the attached CRW MS4 Maps (Sept 2024). Per Appendix B&C requirements Capital Region Water developed a Pathogen and PCB Source Investigation plan in 2023 (attached). Over the next year we will be implementing the Source Investigation Plan by gathering samples and testing the 15 identified outfalls.

PCM Attachments:

File Name	Document Type	Short Description
Appendix B and C - Pathogen and PCB Source Investigation Plan.pdf	PCM Source Inventory	CRW Appendix B and C - Pathogen and PCB Source Investigation Plan.
CRW MS4 Maps Sept 2024.pdf	MS4 Map	Capital Region Water MS4 Map

Pollutant Reduction Plans (PRPs) and TMDL Plans Module  

1. Complete this section if the development and submission of a PRP and/or TMDL Plan was required as an attachment to the latest NOI or application or was required by the permit, regardless of whether DEP has approved the plan(s).

Type of Plan	Pending Approval	Submission Date	DEP Approval Date	Surface Waters Addressed by Plan
Chesapeake Bay PRP (Appendix D)		12/27/2019	07/22/2020	Chesapeake Bay, Paxton Creek, Wildwood Lake, UNT to Spring Creek
Impaired Waters PRP (Appendix E)		12/27/2019	07/22/2020	Wildwood Lake, UNT to Spring Creek
TMDL Plan (Appendix F)		12/27/2019	07/22/2020	Paxton Creek
Combined Chesapeake Bay / Impaired Waters PRP (include Chesapeake Bay in your entry)		12/27/2019	07/22/2020	Chesapeake Bay, Paxton Creek, Wildwood Lake, UNT to Spring Creek
Combined PRP / TMDL Plan		12/27/2019	07/22/2020	Chesapeake Bay, Paxton Creek, Wildwood Lake, UNT to Spring Creek

Joint Plan (if checked, list the name of the MS4 group or names of all entities participating in the joint plan below)

Joint Plan Participants: **Capital Region Water (16% share); Lower Paxton Township (57% share); Susquehanna Township (27% share). The share percentage represents the proportional coverage of the watershed from each municipal entity.**

2. Identify the pollutants of concern and pollutant load reduction requirements under the permit.

Type of Plan	Select	TSS Load Reduction (lbs/yr)	TP Load Reduction (lbs/yr)	TN Load Reduction (lbs/yr)
Chesapeake Bay PRP (Appendix D)	<input checked="" type="checkbox"/>	271,104		
Impaired Waters PRP (Appendix E)	<input checked="" type="checkbox"/>	45,927		
TMDL Plan (Appendix F)	<input checked="" type="checkbox"/>	271,104		

Type of Plan	Select	TSS Load Reduction (lbs/yr)	TP Load Reduction (lbs/yr)	TN Load Reduction (lbs/yr)
Combined Chesapeake Bay / Impaired Waters PRP	<input checked="" type="checkbox"/>	271,104		
Combined PRP / TMDL Plan	<input checked="" type="checkbox"/>	271,104		

3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: **09/30/2025**

4. Have any modifications to the plan(s) occurred since DEP approval? **No**

- If **Yes** to #4, was the updated plan(s) submitted to DEP?
- If **Yes** to #4, did you comply with the public participation requirements of the applicable appendix?
- If **Yes** to #4, describe the plan modifications.

5. Summary of progress achieved during reporting period.

CRW continued to implement street sweeping, GSI, CSS optimization, and streambank restoration projects. Refer to the attached Joint PRP Supplement.

6. Anticipated activities for next reporting period.

CRW will continue to implement street sweeping, GSI, CSS optimization, and streambank restoration projects. Refer to the attached Joint PRP Supplement.

PRP/TMDL Comments:

JPRP Sediment Reduction for all three participants is 1,694,398 lbs/yr. The 16% share portion for Capital Region Water as reported above is 271,104 lbs/yr.

PRP/TMDL Plan Attachments:

File Name	Document Type	Short Description
Joint_PRP_Supplement_2024_Final_REV1.pdf	PRP Update/Revision	JPRP Supplemental Info

BMPs For PRP/TMDL Plan Implementation Module Tables ^




New BMPs For PRP/TMDL Plan Implementation Table

Table 2. List all new structural BMPs installed and ongoing non-structural BMPs implemented during the reporting period that are being used toward achieving load reductions in the permittee's PRP and/or TMDL Plan.

If you are a member of a regional PRP, report only those BMPs implemented within your municipal boundary. If you are reporting a joint BMP in which credit is shared with another permittee(s), report only your portion of the BMP credit.

Note: Any new BMP data entered will be prepopulated in the next reporting year.

BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Lattitude	Longitude	Drain Area
1	Other	08/01/2020	1,920		Yes	40.269722	-76.875556	2556
	% Impervious:	BMP Extent:		Units:		BMP in Planning Area:		
	61	2556		Acres		Yes		
	Bmp Completed for Chapter 102:	Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
	No	Yes		No		09/29/2024		
	List MS4 Collaborators:			Description:				
	CSS Rehab/Optimize - Capital Region Water, Lower Paxton Township, Susquehanna Township			Combined Sewer Rehab & Optimization				
2	Street Sweeping - Default (25 passes/yr)	08/01/2020	4,778		Yes	40.269722	-76.875556	
	% Impervious:	BMP Extent:		Units:		BMP in Planning Area:		
		166		Acres		Yes		
	Bmp Completed for Chapter 102:	Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
	No	Yes		No		08/30/2024		
	List MS4 Collaborators:			Description:				
	Capital Region Water, Lower Paxton Township, Susquehanna Township							
5	Stream Restoration - Default Rate	10/15/2021	22,135		Yes	40.28929	-76.84123	
	% Impervious:	BMP Extent:		Units:		BMP in Planning Area:		
		121.6		Acres		Yes		
	Bmp Completed for Chapter 102:	Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
	No	Yes		No		08/05/2024		
	List MS4 Collaborators:			Description:				
	Pine Apartment - Capital Region Water, Lower Paxton Township, Susquehanna Township							
6	Stream Restoration - Default Rate	08/05/2024	20,870		Yes	40.311682	-76.872630	

BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Lattitude	Longitude	Drain Area
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
		108.8		Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
No		Yes		No		08/05/2024		
List MS4 Collaborators:				Description:				
Shutt Mill/Walker Rd - Capital Region Water, Lower Paxton Township, Susquehanna Township								
3	Bioretention - Raingarden (C/D soils w/ underdrain)	11/01/2018	15		Yes	40.251765	-76.856778	7.5
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
35				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
No		Yes		No		08/30/2024		
List MS4 Collaborators:				Description:				
Clovery Heights - Capital Region Water, Lower Paxton Township, Susquehanna Township								
4	Stream Restoration - Default Rate	01/20/2022	87,040		Yes	40.29292	-76.86083	
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
		102.4		Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
No		Yes		No		08/05/2024		
List MS4 Collaborators:				Description:				
Veterans Park - Capital Region Water, Lower Paxton Township, Susquehanna Township								
7	Stream Restoration - Default Rate	06/08/2022	26,680		Yes	40.301103	-76.823866	

BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
		1510		Feet		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
No		Yes		No		05/13/2024		
List MS4 Collaborators:				Description:				
Stonebridge Apts - Capital Region Water, Lower Paxton Township, Susquehanna Township								

BMP Inventory For PRP/TMDL Plan Implementation Table

Table 3. All existing structural BMPs that have been installed in prior reporting periods and are eligible to use toward achieving load reductions in the permittee's PRP and/or TMDL Plan

BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
No data available in table								

Certification 



- 1 Login to GreenPort and go to launch the MS4 Annual Reporting System.**
- 2 Review this MS4 Report.**
- 3 Sign the Report.**

After the report is signed by all responsible officials, you will be able to submit the report.

For PAG-13 Permittees: I have read the latest PAG-13 General Permit issued by DEP and agree and certify that (1) the permittee continues to be eligible for coverage under the PAG-13 General Permit and (2) the permittee will continue to comply with the conditions of that permit, including any modifications thereto. I understand that if I do not agree to the terms and conditions of the PAG-13 General Permit, I will apply for an individual permit within 90 days of publication of the General Permit. I also acknowledge that any facility construction needed to comply with the General Permit requirements shall be designed, built, operated, and maintained in accordance with operative laws and regulations.

For All Permittees: I certify under penalty of law that this report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the 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. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

CAPITAL REG WATER - Signature

Name of Responsible Official:

Claire Maulhardt

Signature:



Document Signed

Telephone No.:

7177566694

Date Signed:

09/30/2024 12:50 PM

Publication & Distribution of Stormwater Education Information:

Bill inserts & e-newsletters:

- October 2023, included information regarding proper leaf collection and ways to keep debris out of the sewer system; included details on internal street sweeping maintenance.
- December 2023, included educational information on Fats, Oils, and Grease (FOG), and provided customer guidance for proper disposal.
- December 7, 2023, contributed to a paid advertisement, along with other Dauphin County partners, in the Patriot News specific to MS4 pollution prevention and FOG.
- March 2024, included information and invitation to sign up for CSO alerts via Everbridge. Combined Sewer Overflow Updates will alert customers when and where there is an overflow event into the Susquehanna River or Paxton Creek.
- April 2024, included information regarding the publication of two documents related to CRW's agreement with DOJ, USEPA & PADEP on the Modification to the Partial Consent Decree. Also included invitation to an April Public Feedback Session
- May 2024, included invitation to a Public Feedback Session/Stormwater Carnival held in May.
- June 2024, included education on the combined sewer system and referenced the recommended plan updates to achieve clean water goals in both the Susquehanna River and Paxton Creek.

Social media:

- August 1-4, 2023, CRW Stormwater Week; educational, social campaign about the combined and separate sewer system, GSI, and opportunity to provide public feedback.
- October 17, 2023, Front Street Interceptor Open House coverage; plus education on the importance of this interceptor in the system.
- December 6, 2023, Lt. Gov. Austin Davis visits Boys and Girls Club because of Stormwater Features; discusses infrastructure investment through PENNVEST.
- January 9, 2024, Upcoming storm forecast and stormwater mitigation techniques for residents.
- January 23, 26, & 31, 2024, Emergency Alert campaign to gain subscribers for the CSO Alert feature.
- April 2, 2024, Flood mitigation tips and information about storm season and the importance of clearing debris and leaves from storm drains.
- April 22, 2024, Earth Day post dedicated to the progress of the City Beautiful H2O Program since 2015.
- April 24, 2024, Invitation to our first of four public feedback sessions dedicated to the Alternatives Analysis and Financial Capabilities Assessment (revised City Beautiful H2O Program Plan).

- May 13, 28, and 30, 2024, Announcement and invitation to CRW Sponsored Stormwater Carnival/MS4 Event.
- July 15-19, 2024, CRW Sponsored Stormwater Week.
- July 22, 2024, Stormwater Infrastructure Tour for residents and community. Participants had the opportunity to tour GSI throughout the city and learn more about the CBH2O program plan updates.

Earned media:

- November 2, 2023, "[Community Comment: Capital Region Water marks 10 years of infrastructure, community improvements - TheBurg \(theburgnews.com\)](#)" – Theburgnews.com
- December 5, 2023,
 - "[Lt. Gov. Davis pushes for cleaner drinking water | WHP \(local21news.com\)](#)" – CBS 21
 - "[Lt. Gov. Davis highlights \\$17.5M Harrisburg stormwater infrastructure project – Pennsylvania Capital-Star \(penncapital-star.com\)](#)" -Pennsylvania Capital-Star
 - "[Raw sewage is flowing into the Susquehanna, but this Harrisburg project will help stop that - pennlive.com](#)" – PennLive
- May 20, 2024, Sen. Casey Event: Paxton Creek Rehab Project & Grant Funding
 - [Paxton Creek rehabilitation project receives federal funding to help reduce flooding - TheBurg \(theburgnews.com\)](#)
 - [\\$1.25M in grants target Harrisburg's Paxton Creek flooding problem | StateImpact Pennsylvania \(npr.org\)](#)
 - [Federal funding will help advance plan to restore Paxton Creek \(wgal.com\)](#)
 - [Senator Casey proposes federally-funded project to fix Paxton Creek flooding issues \(local21news.com\)](#)
 - [Federal funding for Paxton Creek redesign will help replace sewer line, reduce flooding - pennlive.com](#)

Website link: <https://capitalregionwater.com/what-we-do/cbh2o/>

Outreach & Events, including Community Partnerships:

Community events:

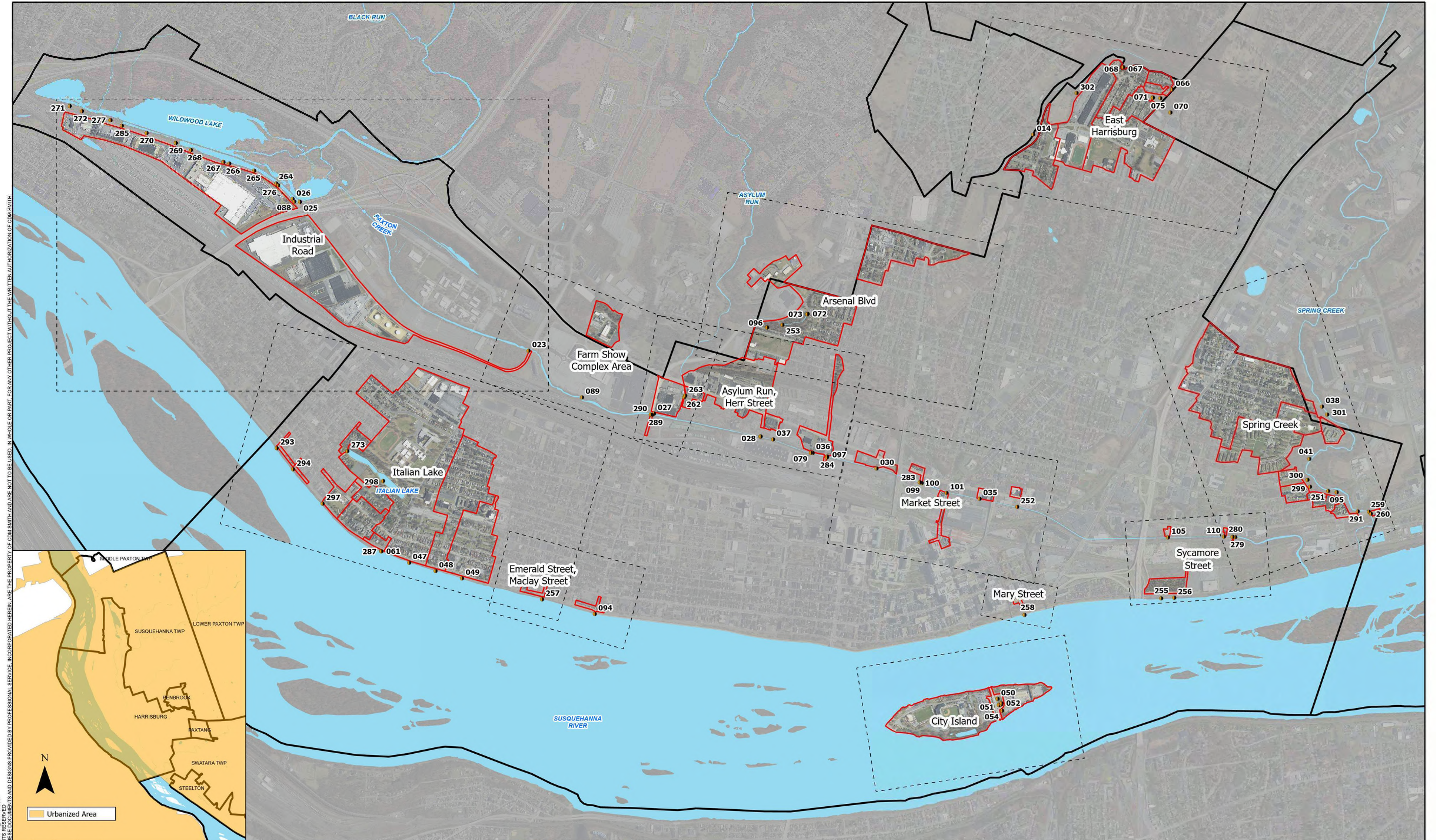
- August 15, 2023, community litter cleanup with Midtown Action Council
- August 26, 2023, community litter cleanup with Harrisburg Young Professionals
- September 15, 2023, community litter cleanup with Giant Company
- January 15, 2024, Martin Luther King Day of Service community litter cleanup with Friends of Midtown neighborhood group

- April 13, 2024, community partner litter cleanup with Hot Spot Saturdays, a litter clean up and educational event led by Harrisburg City Councilman Ralph Rodriguez
- April 20, 2024, Great Harrisburg Litter Cleanup, community litter cleanup with Tri-county Community Action
- May 17, 2024, community litter cleanup with the Giant Company
- June 29, 2024, community partner litter cleanup with Hot Spot Saturdays, a litter clean up and educational event led by Harrisburg City Councilman Ralph Rodriguez

Community meetings/partnerships:

- August 1, 2023, Community National Night Out; information provided included educational material on pollution prevention (Fats, Oils, and Grease), CSOs, and stormwater education.
- September 16, 2023, 13th Annual LHACC Hispanic Heritage Festival; provided educational information and activities on pollution prevention (Fats, Oils, and Grease), stormwater and green infrastructure education to residents and event attendees.
- October 12, 2023, Front Street Pump Station Open House; information provided included stormwater project overview, CSOs, facility tour, and future project goals.
- October 18, 2023, Community Ambassador meeting specific to CRW green stormwater infrastructure, ongoing and upcoming green stormwater infrastructure projects.
- November 15, 2023, Facility tour with Department of Environmental Protection where stormwater management, partial consent decree, and CSO information were agenda/discussion topics.
- January 9, 2024, Paxton Creek Watershed and Education Association presentation; information on CSOs, CBH2O Program, and Adopt-a-Raingarden program.
- April 20, 2024, City of Harrisburg Earth Day Festival, an educational event hosted by the City of Harrisburg Parks and Recreation; information provided included educational material on pollution prevention (Fats, Oils, and Grease), CSOs, and CRW green stormwater infrastructure.
- April 24, 2024, City Beautiful H2O Public Feedback Session; dedicated to the Alternatives Analysis and Financial Capabilities Assessment.
- May 13, 2024, Community Council meeting; provided information on ongoing and upcoming CRW CBH2O program plan, and to encourage public feedback.
- May 15, 2024, Community Ambassador meeting; featuring a presentation on CBH2O program plan updates, including Alternatives Analysis and Financial Capabilities Assessment.
- May 30, 2024, CRW CBH2O Stormwater Carnival; featuring engaging information stations, exploration of the MS4 and permit, activities/games related to CBH2O program plan updates, including an Alternatives Analysis and Financial Capabilities information.
- June 17, 2024, Friends of Midtown meeting; presentation on CBH2O program plan updates, including Alternatives Analysis and Financial Capabilities Assessment.

- June 20, 2024, Shipoke Neighborhood Association meeting; presentation on CBH2O program plan updates, including Alternatives Analysis and Financial Capabilities Assessment.
- July 16, 2024, South Allison Hill Neighborhood Association meeting; presentation on CBH2O program plan updates, including Alternatives Analysis and Financial Capabilities Assessment.
- July 19, 2024, CRW Stormwater Week SCM Tour & Zeroday Event; event participants toured various CRW green stormwater infrastructure locations, CRW staff presented information to event participants on CBH2O program plan updates and encouraged public feedback.
- July 26, 2024, CRW Green Stormwater Infrastructure tour with Harrisburg City Council and CRW Board members where stormwater management, partial consent decree, and CSO information were agenda/discussion topics.
- July 29, 2024, CRW Green Stormwater Infrastructure tour with the Department of Environmental Protection where stormwater management, partial consent decree, and CSO information were agenda/discussion topics.



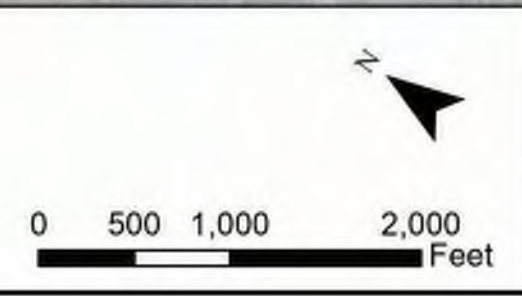
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 DRAWN BY: J. Eveland
 SHEET CHK'D BY: R. Kirkham
 CROSS CHK'D BY: R. Rajan
 APPROVED BY: R. Kirkham
 DATE: September 2024

CDM Smith
 CAPITAL REGION.
 WATER
 280 Granite Run Drive, Suite 160
 Lancaster, PA 17601
 Tel: (717) 560-7500

- CRW MS4 Outfall
- ▭ MS4 Catchments
- ▭ Municipalities



MS4 MAPS
 System Overview

PROJECT NO.: 214795
INDEX

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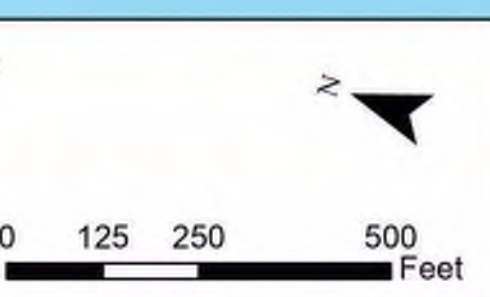


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- Private/Other Storm Manhole
- Private/Other Storm Pipe
- CRW CSO Outfall
- Combined/Sanitary Manhole
- Combined/Sanitary Pipe
- MS4 Catchments
- Municipalities



MS4 MAPS
Italian Lake

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FIGURE: 1

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0 50 100 200 Feet

MS4 MAPS
 Emerald Street, Maclay Street

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FIGURE: 2

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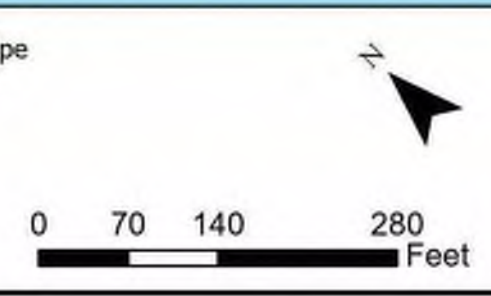


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- Combined/Sanitary Manhole
- Combined/Sanitary Pipe
- MS4 Catchments
- Municipalities



MS4 MAPS
 City Island

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FIGURE: 3

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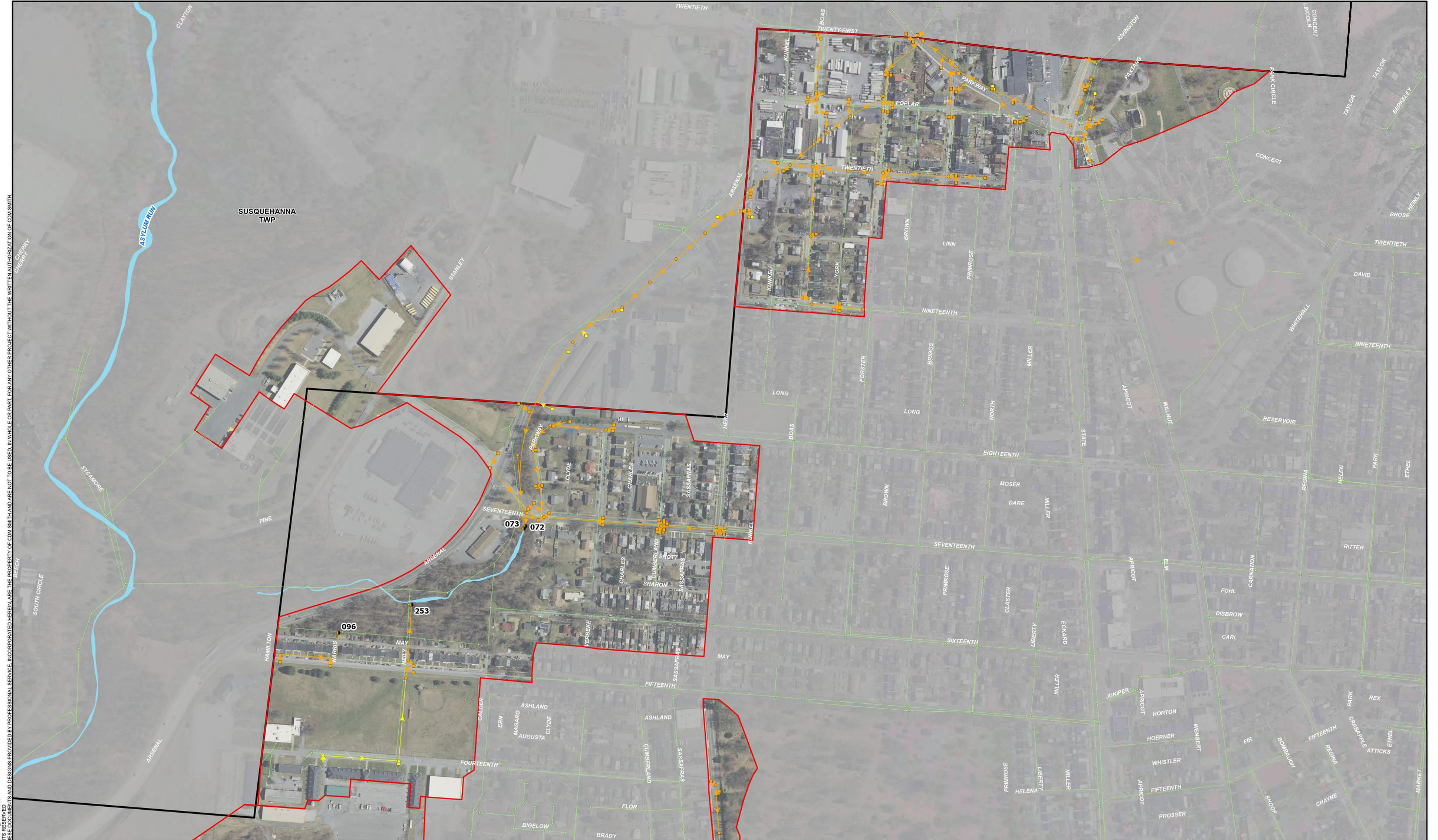
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- ▭ Municipalities

0 100 200 400 Feet

MS4 MAPS
Spring Creek

PROJECT NO.: 214795
FIGURE: 4



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<ul style="list-style-type: none"> ● CRW MS4 Outfall ● CRW Storm Inlet ● CRW Storm Manhole ➔ CRW Storm Pipe ● Private/Other MS4 Outfall 	<ul style="list-style-type: none"> ■ Private/Other Storm Inlet ● Private/Other Storm Manhole ➔ Private/Other Storm Pipe ● CRW CSO Outfall ● Combined/Sanitary Manhole 	<ul style="list-style-type: none"> — Combined/Sanitary Pipe ■ MS4 Catchments ■ Municipalities
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MS4 MAPS
Aresenal Blvd

PROJECT NO.: 214795
FIGURE: 6



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- Municipalities

0 175 350 700 Feet

MS4 MAPS
Industrial Road

PROJECT NO.: 214795
FIGURE: 7

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- CRW Storm Pipe
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- Private/Other MS4 Outfall
- Combined/Sanitary Pipe
- MS4 Catchments
- Municipalities

0 70 140 280 Feet

MS4 MAPS
 Farm Show Complex Area

PROJECT NO.: 214795
FIGURE: 8



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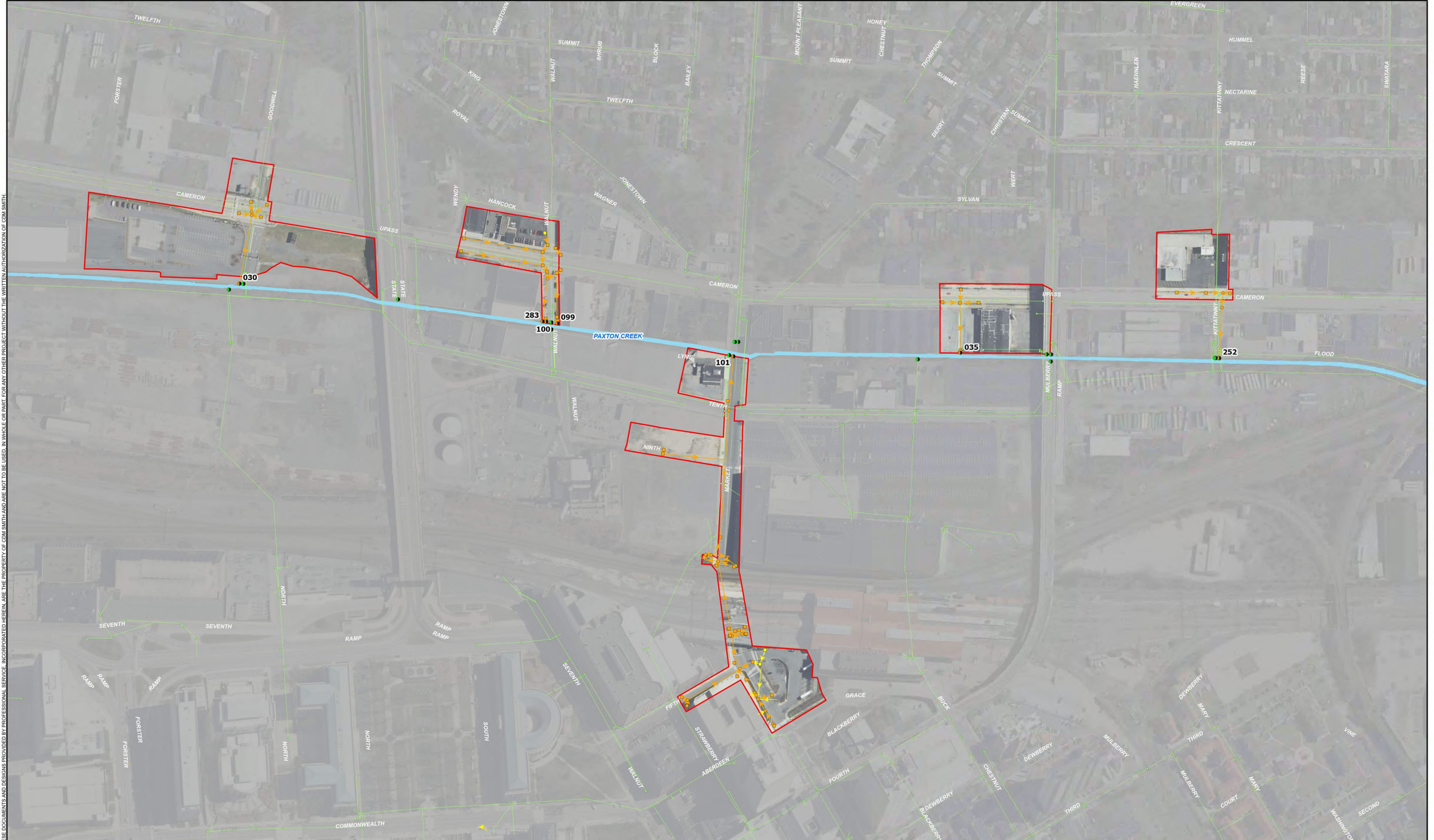


<ul style="list-style-type: none"> ● CRW MS4 Outfall ● CRW Storm Inlet ● CRW Storm Manhole → CRW Storm Pipe ● Private/Other MS4 Outfall 	<ul style="list-style-type: none"> ■ Private/Other Storm Inlet ● Private/Other Storm Manhole → Private/Other Storm Pipe ● CRW CSO Outfall ● Combined/Sanitary Manhole 	<ul style="list-style-type: none"> — Combined/Sanitary Pipe ■ MS4 Catchments ■ Municipalities
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0 70 140 280 Feet

MS4 MAPS
 Asylum Run, Herr Street

PROJECT NO.: 214795
FIGURE: 9



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REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: J. Eveland
 DRAWN BY: J. Eveland
 SHEET CHK'D BY: R. Kirkham
 CROSS CHK'D BY: R. Rajan
 APPROVED BY: R. Kirkham
 DATE: September 2024



<ul style="list-style-type: none"> ● CRW MS4 Outfall ● CRW Storm Inlet ● CRW Storm Manhole → CRW Storm Pipe ● Private/Other MS4 Outfall 	<ul style="list-style-type: none"> ■ Private/Other Storm Inlet ● Private/Other Storm Manhole → Private/Other Storm Pipe ● CRW CSO Outfall ● Combined/Sanitary Manhole 	<ul style="list-style-type: none"> — Combined/Sanitary Pipe ■ MS4 Catchments ■ Municipalities
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MS4 MAPS

Market Street

PROJECT NO.: 214795
FIGURE:

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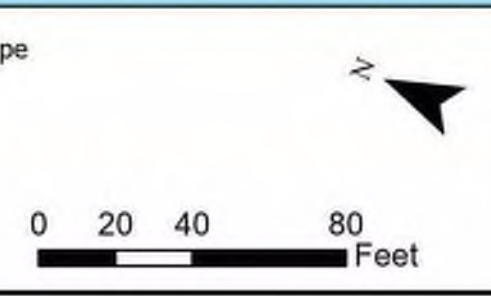


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- CRW MS4 Outfall
- Private/Other Storm Inlet
- CRW Storm Inlet
- Private/Other Storm Manhole
- CRW Storm Manhole
- Private/Other Storm Pipe
- CRW Storm Pipe
- CRW CSO Outfall
- Private/Other MS4 Outfall
- Combined/Sanitary Pipe
- MS4 Catchments
- ▭ Municipalities



MS4 MAPS
Mary Street

PROJECT NO.: 214795
FIGURE:

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 DATE: September 2024

CDM Smith
 CAPITAL REGION WATER
 280 Granite Run Drive, Suite 160
 Lancaster, PA 17601
 Tel: (717) 560-7500

<ul style="list-style-type: none"> ● CRW MS4 Outfall ■ Private/Other Storm Inlet ● CRW Storm Inlet ● Private/Other Storm Manhole ● CRW Storm Manhole → CRW Storm Pipe ● Private/Other MS4 Outfall 	<ul style="list-style-type: none"> ■ Private/Other Storm Inlet ● Private/Other Storm Manhole ● CRW CSO Outfall ● Combined/Sanitary Manhole 	<ul style="list-style-type: none"> — Combined/Sanitary Pipe ■ MS4 Catchments ■ Municipalities
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0 50 100 200 Feet

MS4 MAPS
 Sycamore Street

PROJECT NO.: 214795
FIGURE:

Joint PRP Supplement

Baseline Sediment Loads

Baseline pollutant loads for the Joint Planning Area are summarized in **Table 1** (Table 7 of the 2019 Joint Pollutant Reduction Plan¹).

Table 1. Municipal Baseline Pollutant Loading for the Joint Planning Area.

MS4 Permittee	Percentage of Watershed	Baseline Sediment Load (lb/yr)
CRW (City of Harrisburg)	16%	3,667,006
Township of Lower Paxton	57%	9,324,542
Township of Susquehanna	27%	4,141,959
Joint Planning Area Total:	100%	17,507,254*

*Total Baseline Sediment Load based on MMW results for the entire watershed, not the sum of the individual municipalities. Refer to Appendix D of this report for modeling outputs.

The baseline sediment load for the CRW combined sewer system service area is summarized in **Table 2** (Table 10 of the 2019 Joint Pollutant Reduction Plan). This load reduction is comprised of a land-based sediment load (load in CSO discharge from outfalls to receiving waters) and a streambank erosion sediment load (sediment mobilized and transported downstream due to erosive wet weather velocities).

Table 2. Summary of CRW/City of Harrisburg Paxton Creek Corrected Sediment Loads from the Combined Sewer System.

Scenario	Land-Based Sediment Load (ton/yr)	Streambank Erosion Sediment Load (ton/yr)	Total CSS Sediment Load (ton/yr)	Total CSS Sediment Load (lb/yr)	Reduction from Existing
Sediment Load Reported in 2008 TMDL	18	364	382	764,000	---
Corrected Sediment Load from Existing Combined Sewer System	16	332	348	696,000	5%

¹ Joint Pollutant Reduction Plan: Paxton Creek Watershed TMDL, Chesapeake Bay PRP, Wildwood Lake PRP, and UNT Spring Creek PRP, Revised December 27, 2019

“Existing” Loads and Load Reduction Requirements

As documented in the Joint Plan, the “Baseline” load is adjusted to account for projects completed prior to completion of the Joint Plan. The resulting load is the “Existing” load, and the Municipal Entities understand the “Existing” load to be the starting point for load reductions required under the five-year MS4 permit term beginning on August 1, 2020.

Load reduction requirements are summarized in **Table 3** (Table A of the Joint Pollutant Reduction Plan).

Table 3. Short-Term (5-yr) Pollutant Load Reduction Requirements by PRP Planning Area.

Planning Area	Impairment	Existing Sediment Load (lb/yr)	Required Sediment Load Reduction	Sediment Reduction Required (lb/yr)
Paxton Creek TMDL	Sediment / Siltation	3,630,159	10%	363,016
Joint Planning Area	Sediment / Nutrients	16,943,984	10%	1,694,398
Wildwood Lake	Sediment / Siltation	2,825,290	10%	282,529
UNT to Spring Creek	Sediment / Siltation	45,137	10%	4,514

“Existing” Projects Used to Adjust Baseline Sediment Loads

As shown in **Table 4**, seven (7) existing stormwater quality projects (EX-01 through EX-07) were completed in the Paxton Creek Watershed prior to the completion of the Joint Plan and are being utilized as credit to reduce the baseline sediment loading estimates for the watershed. Pollutant load reductions associated with CRW’s CSS have also been included in the existing load calculations (Joint Pollutant Reduction Plan, p. 24).

Table 4. Installed BMPs.

Map Reference	BMP Name	Planning Area Credit	Sediment Load Reduction (lbs/yr)*
EX-01	Paxton Church / Reicherl Rd. Rain Garden and Stream Restoration (240 ft.)	Joint Planning Area / Paxton Creek TMDL	40,012
EX-02	Fox Hunt Rd. Stream Restoration (375 ft.)	Joint Planning Area / Paxton Creek TMDL	43,125
EX-03	UNT to Asylum Run Retention Basin and Stream Restoration (350 ft.)	Joint Planning Area / Paxton Creek TMDL	72,025
EX-04	Elmerton Ave. Bio-retention Basin	Joint Planning Area / Paxton Creek TMDL	17,191
EX-05	Black Run Stream Restoration (800 ft.)	Joint Planning Area / Paxton Creek TMDL	92,000
EX-06	Asylum Run Bio-retention and Stream Restoration (400 ft.)	Joint Planning Area / Paxton Creek TMDL	73,617
EX-07	Dowhower Rd Buffer and Stream Restoration (1,220 ft.)	Joint Planning Area	140,300
CSS-01	CRW Combined Sewer System Sediment Capture Performance to Paxton Creek Watershed Allowance	Joint Planning Area / Paxton Creek TMDL	68,000
CSS-02	CRW Combined Sewer System Sediment Capture Performance to Susquehanna River Allowance	Joint Planning Area	17,000
Total Existing BMP Sediment Load Reduction:			563,270
*BMP reduction values derived using Joint Planning Area Model My Watershed parameters			

Sediment Load Reduction Status as of August 1, 2024: Additional Background and Calculations

For the current reporting period ending on August 1, 2024, the Municipal Entities are taking credit for projects in the operation phase. Table 8 in the Conclusion section summarizes the status of all projects in the design, construction, and operation phases. When completed and in operation, these projects are projected to achieve approximately 101% of the load reduction required by the end of the current permit term. The remainder of this section provides background information on projects that are completed and in operation.

BMP15: Street Sweeping

CRW is performing street sweeping a minimum of 25 times per year as required by PADEP guidelines. As described in the Joint Pollutant Reduction Plan (**Table 5**), the annual sediment load reduction credit applied is 29,864 lb/yr.

Table 5. Proposed Street Sweeping Reduction Credit.

BMP #	Early Action Project	BMP Name	Managed Area (Acre)	Reduction (lbs)
BMP-15	EAP-9	CRW Street Sweeping (25 times per year)	166.0	29,864
Totals:				29,864

BMP16: Combined Sewer System Rehabilitation and Optimization

Sediment removed by the CRW combined sewer system (CSS) is the sum of three components.

- First, sediment is removed by processes within green stormwater infrastructure such as settling and filtration. Stormwater released from green stormwater infrastructure is expected to have a lower sediment concentration than untreated stormwater prior to entering the combined sewer system.
- Second, sediment is captured by the combined sewer system and conveyed to CRW’s Advanced Wastewater Treatment Facility. Reduction in the volume of combined sewer overflow is expected to proportionally reduce “land based” sediment load reaching the receiving water.
- Third, instream sediment mobilization in Paxton Creek is reduced as CSO flows and velocities reduce erosive forces on the stream channel.

Summary of CSS Improvements and CSO Control Benefits

CSS improvements implemented and operating as of August 1, 2024 consist primarily of early action GSI projects. Other improvements include the Front Street Pump Station upgrade, however sediment reductions (via increased capture) from this project will not be fully realized until CSO regulator modifications are complete (which cannot be fully completed until the interceptors are rehabilitated). Some regulator modifications have been completed (Hemlock Street Interceptor CSO regulators; and some Paxton Creek CSO regulator weirs have been raised to prevent creek intrusion), which has resulted in CSS improvements.

Table 6 is a summary of completed GSI projects within CRW’s service area. These projects are located in the CSS service area with the exception of the Cloverly Heights project, which is located in the MS4 service area.

Table 6. Summary of Completed CRW GSI Projects.

Project Name	Impervious Drainage Area [ac]	Total Storage Volume [cf]
Penn and Sayford	0.34	581
Royal Terrace Playground	0.79	3,190
Summit Terrace	2.64	14,600
3rd & Emerald	0.29	1,150
3rd & Woodbine	0.09	435
3rd & Maclay	0.22	1,150
3rd and Muench	0.42	1,080
3rd and Kelker	0.12	966
3rd and Hamilton	0.06	372
3rd and Harris	0.11	430
3rd and Basin	0.04	25
3rd and Calder	0.18	1,160
3rd and Sayford	0.03	99

Table 6. Summary of Completed CRW GSI Projects.

Project Name	Impervious Drainage Area [ac]	Total Storage Volume [cf]
3rd and Verbeke	0.10	727
3rd and Boas	0.11	487
3rd and Union	0.13	86
3rd and Blackberry	0.12	55
Allison Hill	1.0	5,230
4th and Dauphin	0.75	5,130
Camp Curtin Big Green Block	2.78	14,421
Bellevue Park Pond	16.6	33,772
Boys & Girls Club	0.95	10,366
Midtown	4.4	27,959
Peffer Street Lots	1.8	16,376
Swatara Park	1.9	10,824
CSS SUBTOTAL	36.0	150,700
Cloverly Heights	2.6	15,400
TOTAL	38.7	166,000

With the above CSS improvements, the systemwide Typical Year CSO volume is reduced by approximately 23.7 MG per year. The Typical Year represents average annual hydrologic conditions as defined in the Partial Consent Decree between CRW, PADEP, and the USEPA.

As of 2024, CRW is now reporting CSS improvements and corresponding sediment load reductions based on an updated, more detailed version of its calibrated SWMM5 model. The updated model was necessary to comply with requirements set forth in the Modified Partial Consent Decree (MPCD) related to the development of CRW’s Long Term Control Plan, and for consistency, CRW has aligned the JPRP reporting with that version of the model. The difference in model versions explains why the reported CSO volume reduction for the 2024 update is less than what was provided for the 2023 update.

Reduction in Sediment Concentration in Green Stormwater Infrastructure Effluent

CRW has updated its calibrated SWMM5 model of the combined sewer service area to represent green stormwater infrastructure facilities operating within CRW’s combined sewer service area as of August 1, 2024. Green stormwater infrastructure removes runoff volume and pollutant loads through processes including infiltration to native soil, evaporation, filtration through planting media, and sorption of pollutants to soil particles. Hydraulic controls limiting the rate of effluent flow also reduce combined sewer overflows and streambank erosion occurring downstream.

For modeling purposes, green infrastructure facilities are categorized as one of three broad types – infiltration only, slow release only, and infiltration/slow release. For each facility type and within each model subshed, the SWMM5 model represents the storage volume, infiltration footprint, and

any slow-release hydraulic controls implemented. Model settings are described in more detail below.

- Storage volume and infiltration footprint were based on engineering design information available in CRW’s GIS.
- If pre-construction or post-construction infiltration rate data were available, soil hydraulic conductivity assumptions were derived from this data. If no data were available, hydraulic conductivity values from CRW’s calibrated SWMM5 rainfall-runoff response model were incorporated in GSI elements on a sewershed basis.
- For sites indicated in CRW’s GIS as having slow-release hydraulic controls, design data on orifice size and elevation were incorporated in the model if available. If design data were not available, a 0.5-inch diameter orifice was assumed.

For the Typical Year SWMM5 continuous simulation, during each CSO event, slow-release flows from GSI entering the combined sewer system were determined. The portion of total flow made up of slow release was determined, and slow release from GSI was assumed to represent the same fraction of CSO as it does of total flow. (Example: If slow release from GSI makes up 1% of the flow entering the combined sewer system for a particular event, then slow release from GSI also makes up 1% of CSO volume for that event.) The CSO volumes attributed to GSI slow release for each overflow event are summed to determine the total CSO volume attributed to GSI slow release during the Typical Year. Sediment removal percentages are applied to concentrations in slow-release volumes from GSI facilities based on PADEP’s recommended values (Table 7).²

Table 7. BMP Effectiveness Values.

BMP Name	BMP Effectiveness Values			BMP Description
	TN	TP	Sediment	
Infiltration Practices w/ Sand, Veg.	85%	85%	95%	A depression to form an infiltration basin where sediment is trapped and water infiltrates the soil. No underdrains are associated with infiltration basins and trenches, because by definition these systems provide complete infiltration. Design specifications require infiltration basins and trenches to be built in good soil, they are not constructed on poor soils, such as C and D soil types. Engineers are required to test the soil before approval to build is issued. To receive credit over the longer term, jurisdictions must conduct yearly inspections to determine if the basin or trench is still infiltrating runoff.
Bioretention – Raingarden (C/D soils w/ underdrain)	25%	45%	55%	An excavated pit backfilled with engineered media, topsoil, mulch, and vegetation. These are planting areas installed in shallow basins in which the storm water runoff is temporarily ponded and then treated by filtering through the bed components, and through biological and biochemical reactions within the soil matrix and around the root zones of the plants. This BMP has an underdrain and is in C or D soil.
Bioretention / Raingarden (A/B soils w/ underdrain)	70%	75%	80%	An excavated pit backfilled with engineered media, topsoil, mulch, and vegetation. These are planting areas installed in shallow basins in which the storm water runoff is temporarily ponded and then treated by filtering through the bed components, and through biological and biochemical reactions within the soil matrix and around the root zones of the plants. This BMP has an underdrain and is in A or B soil.
Bioretention / Raingarden (A/B soils w/o underdrain)	80%	85%	90%	An excavated pit backfilled with engineered media, topsoil, mulch, and vegetation. These are planting areas installed in shallow basins in which the storm water runoff is temporarily ponded and then treated by filtering through the bed components, and through biological and biochemical reactions within the soil matrix and around the root zones of the plants. This BMP has no underdrain and is in A or B soil.

² PADEP. BMP Effectiveness Values. 3800-PM-BCW0100m Rev. 6/2018.
<http://www.depgreenport.state.pa.us/elibrary/GetFolder?FolderID=3686>. Accessed 9/2/21.

As of August 1, 2024, the estimated sediment load removed due to decreased concentration from GSI slow release in CRW’s combined sewer areas is 15 lb/yr. Note that this value represents only the portion of load reduction from CSO outfalls due to decrease in sediment *concentration* in the CSO. The load reduction due to reducing the CSO *volume* is described in the following section.

Land-Based Sediment Load Reductions Due to Combined Sewer Overflow Reduction

This credit represents the sediment load that is captured and conveyed to the AWTF under current (August 1, 2024) conditions compared to the Existing Condition. This reduction is added to the sediment load removed from surface runoff by GSI slow release before the runoff enters the combined sewer system.

As described in the Joint Pollutant Reduction Plan, this load is assumed to be directly proportional to the reduction in CSO volume discharged to the receiving waters in the current (August 1, 2024) conditions compared to the Existing Condition. The calculation employed in production of the Joint Pollutant Reduction Plan has been applied in exactly the same way to calculate the reduction during the reporting period. However, the equation presented in the Joint Pollutant Reduction Plan has been corrected to produce the correct units and numerical results.

2017 PRP Land-Based Runoff Sediment Load from CSS changes calculation method	
$LBS_{CAP} - LBS_{CSS} = LBS_{CRW-TOT} * A_{CSS} / A_{CRW-TOT} - \frac{LBS_{CRW-TOT}}{LBS_{CSS}} * \frac{CSS_{VOL}}{CSO_{VOL}}$	
where:	
$LBS_{CAP} - LBS_{CSS}$	= Reductions in Land-Based Sediment Load from existing CSS operations (lb)
$LBS_{CRW-TOT}$	= Total Land-Based Sediment Load from CRW Harrisburg (lb)
A_{CSS}	= Area draining to the CRW CSS (acres)
$A_{CRW-TOT}$	= Total Area in CRW/Harrisburg (acres)
LBS_{CSS}	= Total Land-Based Sediment Load from CRW/Harrisburg (lbs)
CSS_{VOL}	= Runoff volume from CSS area (gal)
CSO_{VOL}	= CSO volume from existing CSS operation (gal)

Joint Pollutant Reduction Plan: Paxton Creek Watershed TMDL, Chesapeake Bay PRP, Wildwood Lake PRP, and UNT Spring Creek PRP, Revised December 27, 2019; Exhibit 3, Corrected as Noted in Red

Runoff and CSO volumes were calculated based on a typical year simulation of CRW’s calibrated SWMM5 model of the combined sewer collection and treatment system. As of August 1, 2024, the estimated land-based sediment load removed by CRW’s combined sewer system in the Joint Planning Area is 2,549 lb/yr.

Instream Sediment Load Reductions Due to CSS Operations

This credit represents the reduction in sediment mobilization due to streambank erosion. As described in the approved Joint Pollutant Reduction Plan, the reduction in streambank erosion load is assumed to be directly proportional to the reduction in CSO volume discharged to the receiving water in the current (August 1, 2024) conditions compared to the Existing Condition. The equation described in the Joint Pollutant Reduction Plan has been corrected to produce the correct units and numerical results.

Joint PRP In-Stream Sediment Load Attributed to CRW CSS	
$SBS_{CSS} = SBS_{CRW-TOT} - CSS_{VOL} * SBS_{Rate}$	
where:	
SBS_{CSS}	= Reduction In-Stream Sediment Load from CSS operation (lb)
$SBS_{CRW-TOT}$	= Total In-Stream Sediment Load attributed to CRW/Harrisburg (lb)
CSS_{VOL}	= Estimated Volume Captured by Existing CRW CSS Operation (gal)
SBS_{Rate}	= In-stream erosion rate (lb / gal), from 2015 Paxton Creek TMDL Strategy

Joint Pollutant Reduction Plan: Paxton Creek Watershed TMDL, Chesapeake Bay PRP, Wildwood Lake PRP, and UNT Spring Creek PRP, Revised December 27, 2019; Exhibit 2

As of August 1, 2024, the estimated instream sediment load removed by CRW’s combined sewer system in the Joint Planning Area is 9,152 lb/yr.

GSI Projects Outside the Combined Sewer Service Area

Currently, one GSI project (Cloverly Heights) is located within CRW’s MS4 area. Calculation of the sediment load in runoff entering this facility is closely based on the methodology originally implemented in Mapsheds and described in the Joint Pollutant Reduction Plan. The sediment load reduction achieved in the facility is calculated using PADEP’s recommended sediment removal percentage (55% removal for bioretention with C/D soils). During the Typical Year, approximately 2.85 million gallons of runoff is captured and managed by the Cloverly Heights project, yielding a 91 lb/yr reduction at the MS4 outfall.

Ongoing/Upcoming JPRP Projects

The Paxton Creek Cooperative (PCC) has completed four projects and is in progress with the fifth project within the current permit term reaching towards the group’s collective pounds of sediment removal. These projects were previously highlighted in the 2021-2022 Annual Status Report. The fifth project, bid and awarded in June 2022, is now outlined in more detail below.

To briefly recap on the previous projects completed recently where RES proposed to use a combination of stream restoration and floodplain restoration to meet sediment removal quantities. The selected locations had unstable and incised channels due to stormwater impacts and historic land uses. The proposed floodplain restorations were designed to be self-sustaining, highly functioning, floodplain systems that will reduce pollutant loadings by stabilizing eroded streambanks, reconnecting of channel restoration, floodplain grading, subsurface grade control structures, and habitat structural improvements to restore channel pattern and the floodplain. Overall, the stream complex is designed to have low bank heights and low-very low streambank erosion rates. Of the three projects completed by RES, Veterans Park – North & South received roughly 2,477 LF, Shutt Mill Park received approximately 913 LF, and Pine Apartments Complex received roughly 1,459 LF of restorations. Currently, these projects are being monitored, by RES, for additional pounds of sediment removed which will be confirmed to the PCC after one year of monitoring.

Stonebridge Apartments was also completed within the current permit term, which restored 1800 feet of Asylum Run. This stretch was previously identified as a top 5 contributor of pollutants to

Paxton Creek. The project resolved the excessive erosion occurring by reconstructing the streambed and restoring the surrounding floodplain area.

PCC and PennDOT bid, with Swatara Township, on another round of projects. The second contract was awarded to RES. The Swatara Township project is not included towards the PCC’s sediment removal amount. RES has submitted the Conceptual PRP for approval outlining the PPC project, the McIntosh BMP on Paxton Creek. The BMP is located within the Wildwood Lake sub-watershed of the Paxton Creek Watershed. Land cover within the proposed BMP limits includes lawn, degraded wetland, and shrubland. The public parcel was donated to the Township and a portion is being used as a public park. The watercourses proposed for restoration as part of this BMP include Paxton Creek and one (1) UNT to Paxton Creek. The 2,310 LF of channels within the BMP originate from underneath bridges along McIntosh Road outside of the BMP limits. The channels being proposed for restoration have high vertical banks up to 5 feet, limited bank protection, and they exhibit high levels of degradation due to stormwater runoff from the substantial urbanized drainage area. The side tributary draining from outside of the BMP limits also exhibits impairment and contributes sediment to the watershed. RES proposes to utilize floodplain restoration for the majority of the reaches to maximize sediment reduction potential. Table 8 below provides the estimated total sediment reduction.

Conclusion

For the current reporting period ending on August 1, 2024, the Municipal Entities are taking credit for projects currently in the operation phase. Table 8 summarizes the status of all projects in the design, construction, and operation phases. When completed and in operation, these projects are projected to achieve load reduction goals prior to the end of the current permit term.

Table 8. Completed and In Progress JPRP Projects

Joint Planning Area Projects	JPRP BMP Name	JPRP Projection [lb/yr]	2024 Updated Projection (Work in Progress) [lb/yr]	Capital Region Water Share (16%)	Lower Paxton Township Share (57%)	Susquehanna Township Share (27%)	Percent of Overall Reduction [% of Goal]
Veterans Park - North & South ⁽²⁾	BMP-04 and -05	247,250	544,003	87,040	310,082	146,881	32%
Pine Apartment Complex ⁽²⁾	BMP-11	166,750	138,345	22,135	78,857	37,353	8%
Shutt Mill Rd/Walker Mill Rd ⁽²⁾	BMP-06	505,171	130,437	20,870	74,349	35,218	8%
Stonebridge Apartment ⁽²⁾	BMP-02	166,750	166,750	26,680	95,048	45,023	10%
CRW Street Sweeping ⁽²⁾	BMP-15	29,864	29,864	4,778	17,022	8,063	2%
Cloverly Heights GSI ⁽²⁾	N/A	N/A	91	15	52	25	0.01%
2022 PennDOT Contract (RES) ⁽¹⁾	N/A	N/A	697,378	111,580	397,505	188,292	41%
CRW CSS Rehab & Optimization ⁽²⁾	BMP-16	355,000	12,000	1,920	6,840	3,240	0.7%
Total Reduction			1,718,868	275,019	979,755	464,094	101%
Planning Area Goal (JPRP, Section F)			1,694,398	271,104	965,807	457,487	-
Remaining Reduction (Excess Lbs.)			(24,470)	(3,915)	(13,948)	(6,607)	-1%

- (1) Design or construction in progress (subject to PADEP approval)
- (2) Complete and in operation



Appendix P

Background:

Capital Region Water operates a combined sewer system that collects and conveys a combination of sanitary wastewater and stormwater from about 60 percent of the authority's service territory. The combined system contains a total of 60 outfalls, which, under certain circumstances, discharge a mixture of untreated waste and stormwater into the Susquehanna River and Paxton Creek in Harrisburg, Pennsylvania. Those discharges are known as combined sewer overflows. There are 28 outfalls along the Susquehanna River and 32 along Paxton Creek.

CRW understands that combined sewer overflows threaten environmental and human health. To protect human health, CRW has installed multiple types of signs at or near each outfall. Signs are designed to identify outfalls and educate and warn members of the public about the impacts of combined sewer overflows. A total of 167 signs of varying types and sizes have been installed.

CRW has committed to inspecting each sign once per calendar year. During inspections, CRW staff visit each sign location, checking that signs have not been removed or damaged beyond legibility. If signs are missing or no longer legible, they are replaced. CRW has committed to conducting necessary replacements within 90 days of inspection.

2024 Narrative Summary:

In 2024, Capital Region Water inspected combined sewer overflow signage and to made replacements when necessary. A report listing all inspection sites, dates, and observations is attached. CSOs 23 and 64 do not appear on that list because thick foliage blocked access during attempted inspections.

Susquehanna River signs were inspected April 17, and Paxton Creek signs were inspected May 23.

A total of 77 signs exists along the Susquehanna River, with signs of different types installed to appropriately correspond with outfalls. The 2024 inspections determined that 59 were in legible condition, requiring no repair or replacement. Inspections revealed that 17 of the remaining signs were missing or damaged. All missing or damaged Susquehanna River signs were replaced or repaired as of July 10. A 36x36 Warning Sign at CSO 13 (Front and Cumberland streets) was not replaced because it was deemed redundant; a 60x36 Educational Sign at the same location includes the same Warning Sign language.

A total of 90 signs exists along Paxton Creek, with signs of different types installed to appropriately correspond with outfalls. The 2024 inspections determined that 77 were in legible condition, requiring no repair or replacement. Inspections revealed that seven of the remaining signs were missing or unable to be found. All missing or unfound Paxton Creek signs were replaced as of July 2. Three signs at CSO 23 (Cameron and Calder streets) could not be inspected due to thick, seasonal foliage blocking access. Evidence of the CSO 23 signs was visible from a distance. Signs will be inspected when seasonal foliage thins. Similarly, thick foliage blocked the inspection of another three signs at CSO 64 (Cameron and Magnolia streets). No evidence of CSO 64 signs was visible from a distance. Those signs also will be inspected when seasonal foliage thins.

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-002 FRONT STREET PUMP STATION/DOCK STREET BOAT LAUNCH

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Bad Condition					
CSO-002 60x36 Educational Sign	4/17/24 9:11	Sign text is dark, clear, and free from any vandal markings and can be read at moderate/long distance. AND/OR The sign shows significant wear with bubbling coating / rust or major bent metal edges affecting its function, and/or sign mounting is compromised hanging crooked, or off the mounting post; sign asset is no longer functional and needs replacement.	82493	Replace	7/2/24 10:33
Sign Missing					
CSO-002 9x6 Warning Placard	4/17/24 9:10		82494	Install	7/2/24 10:33
CSO-002 9x6 Identification Placard	4/17/24 9:10		82495	Install	7/2/24 10:34

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-003 SPRING CREEK PUMP STATION

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-003 36x36 Warning Sign	5/23/24 8:14			NO WORK REQUIRED	
Sign Missing					
CSO-003 9x6 Warning Placard	5/23/24 8:16		83166	Install	7/29/24 10:00
CSO-003 9x6 Identification Placard	5/23/24 8:16		83168	Install	7/29/24 10:00

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-004 FRONT AND VAUGHN

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-004 9x6 Warning Placard	4/17/24 8:19			NO WORK REQUIRED	
CSO-004 9x6 Identification Placard	4/17/24 8:18			NO WORK REQUIRED	
CSO-004 36x36 Warning Sign	4/17/24 8:20			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-005 FRONT AND LEWIS

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Bad Condition					
CSO-005 9x6 Warning Placard	4/17/24 8:24	Sign text is either starting to fade or has some vandal markings making the sign somewhat difficult to read from a moderate distance; could use maintenance for cleaning AND/OR The sign coating is undamaged free from both rust and bent metal edges, and mounted straight and secure; sign considered new.		NO WORK REQUIRED	
Sign in Good Condition					
CSO-005 9x6 Identification Placard	4/17/24 8:26			NO WORK REQUIRED	
CSO-005 36x36 Warning Sign	4/17/24 8:27			NO WORK REQUIRED	
CSO-005 36x36 Warning Sign	4/17/24 8:25			NO WORK REQUIRED	

Report Description:

CSO-006 FRONT AND GEIGER

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Bad Condition					
CSO-006 9x6 Warning Placard	4/17/24 11:31	Sign text is either starting to fade or has some vandal markings making the sign somewhat difficult to read from a moderate distance; could use maintenance for cleaning AND/OR The sign coating is undamaged free from both rust and bent metal edges, and mounted straight and secure; sign considered new.		NO WORK REQUIRED	
Sign in Good Condition					
CSO-006 9x6 Identification Placard	4/17/24 11:32			NO WORK REQUIRED	
CSO-006 18x24 Public Notice	4/17/24 11:37		82509	Repair	7/2/24 11:30
CSO-006 36x36 Warning Sign	4/17/24 11:31			NO WORK REQUIRED	

Report Description:

CSO-007 FRONT AND PEPPER

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-007 9x6 Warning Placard	4/17/24 11:28			NO WORK REQUIRED	
CSO-007 9x6 Identification Placard	4/17/24 11:27			NO WORK REQUIRED	
CSO-007 36x36 Warning Sign	4/17/24 11:26			NO WORK REQUIRED	

Report Description:

CSO-008 FRONT AND MUENCH

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Bad Condition					
CSO-008 9x6 Warning Placard	4/17/24 11:20	Sign text is either starting to fade or has some vandal markings making the sign somewhat difficult to read from a moderate distance; could use maintenance for cleaning AND/OR The sign coating is undamaged free from both rust and bent metal edges, and mounted straight and secure; sign considered new.		NO WORK REQUIRED	
Sign in Good Condition					
CSO-008 9x6 Identification Placard	4/17/24 11:21			NO WORK REQUIRED	
CSO-008 36x36 Warning Sign	4/17/24 11:20			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-009 FRONT AND HAMILTON

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Bad Condition					
CSO-009 9x6 Warning Placard	4/17/24 11:16	Sign text is either starting to fade or has some vandal markings making the sign somewhat difficult to read from a moderate distance; could use maintenance for cleaning AND/OR The sign coating is undamaged free from both rust and bent metal edges, and mounted straight and secure; sign considered new.		NO WORK REQUIRED	
Sign in Good Condition					
CSO-009 9x6 Identification Placard	4/17/24 11:15			NO WORK REQUIRED	
CSO-009 18x24 Public Notice	4/17/24 11:14			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-010 FRONT AND REILY

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-010 9x6 Warning Placard	4/17/24 11:00			NO WORK REQUIRED	
CSO-010 9x6 Identification Placard	4/17/24 10:59			NO WORK REQUIRED	
Sign Missing					
CSO-010 18x24 Public Notice	4/17/24 12:01		82505	Install	7/2/24 11:17

Report Description:

CSO-011 FRONT AND CALDER

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-011 9x6 Warning Placard	4/17/24 10:56			NO WORK REQUIRED	
CSO-011 9x6 Identification Placard	4/17/24 10:55			NO WORK REQUIRED	

Report Description:

CSO-012 FRONT AND VERBEKE

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Bad Condition					
CSO-012 9x6 Warning Placard	4/17/24 10:51	Sign text is either starting to fade or has some vandal markings making the sign somewhat difficult to read from a moderate distance; could use maintenance for cleaning AND/OR The sign coating is undamaged free from both rust and bent metal edges, and mounted straight and secure; sign considered new.		NO WORK REQUIRED	
Sign in Good Condition					
CSO-012 9x6 Identification Placard	4/17/24 10:51			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-013 FRONT AND CUMBERLAND

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Bad Condition					
CSO-013 9x6 Warning Placard	4/17/24 10:48	Sign text is either starting to fade or has some vandal markings making the sign somewhat difficult to read from a moderate distance; could use maintenance for cleaning AND/OR The sign coating is undamaged free from both rust and bent metal edges, and mounted straight and secure; sign considered new.		NO WORK REQUIRED	
Sign in Good Condition					
CSO-013 9x6 Identification Placard	4/17/24 10:47			NO WORK REQUIRED	
CSO-013 60x36 Educational Sign	4/17/24 10:46			NO WORK REQUIRED	
Sign Missing					
CSO-013 36x36 Warning Sign	4/17/24 10:47			NO WORK REQUIRED	

Report Description:

CSO-014 FRONT AND BOAS

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Bad Condition					
CSO-014 9x6 Identification Placard	4/17/24 10:41	Sign text is either starting to fade or has some vandal markings making the sign somewhat difficult to read from a moderate distance; could use maintenance for cleaning AND/OR The sign coating is undamaged free from both rust and bent metal edges, and mounted straight and secure; sign considered new.		NO WORK REQUIRED	
Sign in Good Condition					
CSO-014 9x6 Warning Placard	4/17/24 10:41			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-015 FRONT AND FORSTER

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-015 9x6 Warning Placard	4/17/24 10:37			NO WORK REQUIRED	
CSO-015 9x6 Identification Placard	4/17/24 10:37			NO WORK REQUIRED	
Sign Missing					
CSO-015 60x36 Educational Sign	4/17/24 10:38		82496	Install	7/2/24 11:09

Report Description:

CSO-016 FRONT AND LIBERTY

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-016 9x6 Warning Placard	4/17/24 10:30			NO WORK REQUIRED	
CSO-016 9x6 Identification Placard	4/17/24 10:31			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-017 FRONT AND MARKET

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-017 36x36 Warning Sign	4/17/24 10:03			NO WORK REQUIRED	
CSO-017 60x36 Educational Sign	4/17/24 9:59		82507	Repair	7/2/24 10:50
Sign Missing					
CSO-017 9x6 Warning Placard	4/17/24 10:03		82499	Install	7/10/24 8:30
CSO-017 9x6 Identification Placard	4/17/24 10:03		82502	Install	7/2/24 12:00

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-018 FRONT AND MULBERRY

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign Missing					
CSO-018 9x6 Warning Placard	4/17/24 9:52		82506	Install	7/2/24 10:46
CSO-018 9x6 Identification Placard	4/17/24 9:47		82501	Install	7/2/24 10:45
CSO-018 18x24 Public Notice	4/17/24 9:47		82491	Install	7/2/24 10:45

Report Description:

CSO-019 FRONT AND PAXTON

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-019 9x6 Warning Placard	4/17/24 9:32			NO WORK REQUIRED	
CSO-019 9x6 Identification Placard	4/17/24 9:34			NO WORK REQUIRED	
CSO-019 36x36 Warning Sign	4/17/24 9:31			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-020 FRONT AND HANNA

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-020 9x6 Identification Placard	4/17/24 9:21			NO WORK REQUIRED	
CSO-020 9x6 Warning Placard	4/17/24 9:20			NO WORK REQUIRED	

Report Description:

CSO-021 CAMERON AND SCHUYLKILL

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-021 9x6 Identification Placard	5/23/24 11:48			NO WORK REQUIRED	
CSO-021 9x6 Warning Placard	5/23/24 11:49			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-022 CAMERON AND FORREST

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-022 9x6 Warning Placard	5/23/24 11:54			NO WORK REQUIRED	
CSO-022 9x6 Identification Placard	5/23/24 11:55			NO WORK REQUIRED	
CSO-022 18x24 Warning Notice	5/23/24 11:56			NO WORK REQUIRED	

Report Description:

CSO-024 HILL CHAMBER T.R.W.

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-024 9x6 Identification Placard	5/23/24 11:33			NO WORK REQUIRED	
CSO-024 18x24 Warning Notice	5/23/24 11:33			NO WORK REQUIRED	
Sign Missing					
CSO-024 9x6 Warning Placard	5/23/24 11:31		83169	Install	

Report Description:

CSO-025 N. CAMERON AND CUMBERLAND

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-025 9x6 Identification Placard	5/23/24 11:25			NO WORK REQUIRED	
CSO-025 9x6 Warning Placard	5/23/24 11:26			NO WORK REQUIRED	
CSO-025 18x24 Warning Notice	5/23/24 11:24			NO WORK REQUIRED	

Report Description:

CSO-026 S. CAMERON AND CUMBERLAND

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-026 9x6 Identification Placard	5/23/24 11:21			NO WORK REQUIRED	
CSO-026 9x6 Warning Placard	5/23/24 11:21			NO WORK REQUIRED	
CSO-026 18x24 Warning Notice	5/23/24 11:23			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-027 9TH AND CUMBERLAND

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-027 9x6 Identification Placard	5/23/24 11:02			NO WORK REQUIRED	
CSO-027 18x24 Warning Notice	5/23/24 11:02			NO WORK REQUIRED	
Sign Missing					
CSO-027 9x6 Warning Placard	5/23/24 11:06		83165	Install	7/29/24 10:00

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-028 9TH AND HERR

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-028 9x6 Identification Placard	5/23/24 10:57			NO WORK REQUIRED	
CSO-028 9x6 Warning Placard	5/23/24 10:58			NO WORK REQUIRED	

Report Description:

CSO-029 E. CAMERON AND NORTH

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-029 9x6 Identification Placard	5/23/24 10:49			NO WORK REQUIRED	
CSO-029 9x6 Warning Placard	5/23/24 10:48			NO WORK REQUIRED	
CSO-029 18x24 Warning Notice	5/23/24 10:46			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-030 W. CAMERON AND NORTH

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-030 9x6 Identification Placard	5/23/24 11:12			NO WORK REQUIRED	
CSO-030 9x6 Warning Placard	5/23/24 11:12			NO WORK REQUIRED	
CSO-030 18x24 Warning Notice	5/23/24 11:09			NO WORK REQUIRED	

Report Description:

CSO-031 CAMERON AND STATE

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-030 9x6 Identification Placard	5/23/24 10:37			NO WORK REQUIRED	
CSO-031 9x6 Warning Placard	5/23/24 10:38			NO WORK REQUIRED	
CSO-031 18x24 Warning Notice	5/23/24 10:37			NO WORK REQUIRED	

Report Description:

CSO-032 W. CAMERON AND WALNUT

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-032 9x6 Identification Placard	5/23/24 10:18			NO WORK REQUIRED	
CSO-032 9x6 Warning Placard	5/23/24 10:18			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-033 E. CAMERON AND WALNUT

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-033 9x6 Identification Placard	5/23/24 10:22			NO WORK REQUIRED	
CSO-033 9x6 Warning Placard	5/23/24 10:23			NO WORK REQUIRED	

Report Description:

CSO-034 S. MARKET AND CAMERON

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-034 9x6 Identification Placard	5/23/24 10:28			NO WORK REQUIRED	
CSO-034 9x6 Warning Placard	5/23/24 10:27			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-037 10TH AND MARKET

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-037 9x6 Identification Placard	5/23/24 10:31			NO WORK REQUIRED	
CSO-037 9x6 Warning Placard	5/23/24 10:29			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-038 10TH AND CHESTNUT

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-038 9x6 Identification Placard	5/23/24 10:05			NO WORK REQUIRED	
CSO-038 9x6 Warning Placard	5/23/24 10:05			NO WORK REQUIRED	
CSO-038 18x24 Warning Notice	5/23/24 10:04			NO WORK REQUIRED	

Report Description:

CSO-039 S. MULBERRY AND CAMERON

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-039 18x24 Warning Notice	5/23/24 9:49			NO WORK REQUIRED	
CSO-039 9x6 Identification Placard	5/23/24 9:52			NO WORK REQUIRED	
CSO-039 9x6 Warning Placard	5/23/24 9:52			NO WORK REQUIRED	

Report Description:

CSO-040 N. MULBERRY AND CAMERON

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-040 9x6 Identification Placard	5/23/24 9:51			NO WORK REQUIRED	
CSO-040 9x6 Warning Placard	5/23/24 9:50			NO WORK REQUIRED	
CSO-040 18x24 Warning Notice	5/23/24 9:48			NO WORK REQUIRED	

Report Description:

CSO-041 W. MULBERRY AND CAMERON

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-041 18x24 Warning Notice	5/23/24 9:47			NO WORK REQUIRED	
CSO-041 9x6 Identification Placard	5/23/24 9:59			NO WORK REQUIRED	
CSO-041 9x6 Warning Placard	5/23/24 9:58			NO WORK REQUIRED	

Report Description:

CSO-042 N. KITTATINNY AND CAMERON

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-042 9x6 Identification Placard	5/23/24 9:34			NO WORK REQUIRED	
CSO-042 9x6 Warning Placard	5/23/24 9:35			NO WORK REQUIRED	
CSO-042 18x24 Warning Notice	5/23/24 9:30			NO WORK REQUIRED	

Report Description:

CSO-043 S. KITTATINNY AND CAMERON

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-043 18x24 Warning Notice	5/23/24 9:28			NO WORK REQUIRED	
CSO-043 9x6 Identification Placard	5/23/24 9:36			NO WORK REQUIRED	
CSO-043 9x6 Warning Placard	5/23/24 9:35			NO WORK REQUIRED	

Report Description:

CSO-044 CAMERON AND BERRYHILL

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-044 9x6 Identification Placard	5/23/24 9:21			NO WORK REQUIRED	
CSO-044 18x24 Warning Notice	5/23/24 9:21			NO WORK REQUIRED	
Sign Missing					
CSO-044 9x6 Warning Placard	5/23/24 9:21		83167	Install	7/29/24 10:00

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-045 S. PAXTON STREET

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-045 18x24 Warning Notice	5/23/24 9:09			NO WORK REQUIRED	
CSO-045 9x6 Identification Placard	5/23/24 9:11			NO WORK REQUIRED	
CSO-045 9x6 Warning Placard	5/23/24 9:12			NO WORK REQUIRED	

Report Description:

CSO-046 N. PAXTON STREET

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-046 9x6 Identification Placard	5/23/24 9:15			NO WORK REQUIRED	
CSO-046 9x6 Warning Placard	5/23/24 9:14			NO WORK REQUIRED	
CSO-046 18x24 Warning Notice	5/23/24 9:09			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-048 10TH AND SHANNON

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-048 18x24 Warning Notice	5/23/24 8:58			NO WORK REQUIRED	
CSO-048 9x6 Identification Placard	5/23/24 9:00			NO WORK REQUIRED	
CSO-048 9x6 Warning Placard	5/23/24 8:59			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-049 FRONT AND SCHUYLKILL

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-049 9x6 Identification Placard	4/17/24 11:46			NO WORK REQUIRED	
Sign Missing					
CSO-049 9x6 Warning Placard	4/17/24 11:46		82498	Install	7/2/24 12:53

Report Description:

CSO-050 FRONT AND SENECA

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-050 9x6 Identification Placard	4/17/24 11:52			NO WORK REQUIRED	
CSO-050 9x6 Warning Placard	4/17/24 11:51			NO WORK REQUIRED	
CSO-050 36x36 Warning Sign	4/17/24 11:50			NO WORK REQUIRED	

Report Description:

CSO-051 WOODBINE AND FRONT

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Bad Condition					
CSO-051 9x6 Warning Placard	4/17/24 11:59	Sign text is either starting to fade or has some vandal markings making the sign somewhat difficult to read from a moderate distance; could use maintenance for cleaning AND/OR The sign coating is undamaged free from both rust and bent metal edges, and mounted straight and secure; sign considered new.		NO WORK REQUIRED	
Sign in Good Condition					
CSO-051 9x6 Identification Placard	4/17/24 12:00			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-052 FRONT AND STATE

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-052 9x6 Identification Placard	4/17/24 10:28			NO WORK REQUIRED	
CSO-052 9x6 Warning Placard	4/17/24 10:27			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-053 FRONT AND SOUTH

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Bad Condition					
CSO-053 9x6 Warning Placard	4/17/24 10:24	Sign text is either starting to fade or has some vandal markings making the sign somewhat difficult to read from a moderate distance; could use maintenance for cleaning AND/OR The sign coating is undamaged free from both rust and bent metal edges, and mounted straight and secure; sign considered new.		NO WORK REQUIRED	
Sign in Good Condition					
CSO-053 9x6 Identification Placard	4/17/24 10:25			NO WORK REQUIRED	
Sign Missing					
CSO-053 18x24 Public Notice	4/17/24 10:23		82497	Install	7/2/24 10:59

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-054 FRONT AND PINE

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign Missing					
CSO-054 9x6 Identification Placard	4/17/24 10:18		82500	Install	7/2/24 10:57
CSO-054 9x6 Warning Placard	4/17/24 10:19		82503	Install	7/2/24 10:57

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-055 FRONT AND LOCUST

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Bad Condition					
CSO-055 9x6 Warning Placard	4/17/24 10:14	Sign text is either starting to fade or has some vandal markings making the sign somewhat difficult to read from a moderate distance; could use maintenance for cleaning AND/OR The sign coating is undamaged free from both rust and bent metal edges, and mounted straight and secure; sign considered new.		NO WORK REQUIRED	
Sign in Good Condition					
CSO-055 18x24 Public Notice	4/17/24 10:13			NO WORK REQUIRED	
Sign Missing					
CSO-055 9x6 Identification Placard	4/17/24 10:13		82504	Install	7/2/24 10:55

Report Description:

CSO-056 FRONT AND WALNUT

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-056 9x6 Identification Placard	4/17/24 10:10			NO WORK REQUIRED	
CSO-056 9x6 Warning Placard	4/17/24 10:10			NO WORK REQUIRED	

Report Description:

CSO-057 CHERRY AND MULBERRY

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-057 9x6 Identification Placard	4/17/24 9:43			NO WORK REQUIRED	
CSO-057 9x6 Warning Placard	4/17/24 9:49			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-058 FRONT AND TUSCARORA

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Bad Condition					
CSO-058 9x6 Warning Placard	4/17/24 9:26	Sign text is either starting to fade or has some vandal markings making the sign somewhat difficult to read from a moderate distance; could use maintenance for cleaning AND/OR The sign coating is undamaged free from both rust and bent metal edges, and mounted straight and secure; sign considered new.		NO WORK REQUIRED	
Sign in Good Condition					
CSO-058 9x6 Identification Placard	4/17/24 9:26			NO WORK REQUIRED	
CSO-058 36x36 Warning Sign	4/17/24 9:24			NO WORK REQUIRED	

Report Description:

CSO-059 E. KITTATINNY AND CAMERON

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-059 9x6 Identification Placard	5/23/24 9:34			NO WORK REQUIRED	
CSO-059 9x6 Warning Placard	5/23/24 9:33			NO WORK REQUIRED	
CSO-059 18x24 Warning Notice	5/23/24 9:29			NO WORK REQUIRED	

Report Description:

CSO-060 SALMON STREET

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-060 9x6 Identification Placard	5/23/24 8:50			NO WORK REQUIRED	
CSO-060 18x24 Warning Notice	5/23/24 8:49			NO WORK REQUIRED	
Sign Missing					
CSO-060 9x6 Warning Placard	5/23/24 8:54		83164	Install	7/29/24 10:00

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-061 10TH AND SYCAMORE

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-061 9x6 Identification Placard	5/23/24 8:44			NO WORK REQUIRED	
CSO-061 9x6 Warning Placard	5/23/24 8:43			NO WORK REQUIRED	

CSO SIGN INSPECTION REPORT: 2024



Report Description:

CSO-062 SHANOIS STREET

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-062 9x6 Identification Placard	5/23/24 8:37			NO WORK REQUIRED	
CSO-062 9x6 Warning Placard	5/23/24 8:36			NO WORK REQUIRED	
Sign Missing					
CSO-062 18x24 Warning Notice	5/23/24 8:40		83171	Install	

Report Description:

CSO-063 CAMERON AND HANOVER

CSO AND SIGN DESCRIPTION	INSPDATE	CONDITION STATEMENT	WORKORDERID	WO_DESCRIPTION	WORKORDERFINISHDATE
Sign in Good Condition					
CSO-063 9x6 Identification Placard	5/23/24 8:27			NO WORK REQUIRED	
CSO-063 9x6 Warning Placard	5/23/24 8:26			NO WORK REQUIRED	
CSO-063 18x24 Warning Notice	5/23/24 8:24			NO WORK REQUIRED	
CSO-063 36x36 Warning Sign	5/23/24 8:28			NO WORK REQUIRED	