City of Euclid, Ohio

Combined Sewer Overflow

Annual Notice

2025

April 29, 2026

Version 1.0

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Appendices

1.0 Overview

On January 8, 2018, the United States Environmental Protection Agency (USEPA) announced the Public Notification Requirements for Combined Sewer Overflows (CSOs) to the Great Lakes Basin Rule (CSO Notification Rule). This rule requires National Pollutant Discharge Elimination System (NPDES) permittees that discharge CSOs to the Great Lakes Basin to develop and implement a Public Notification Plan for CSO discharges. The CSO Public Notification Plan describes how the City of Euclid will ensure that the public receives notification of CSO occurrences and impacts, as required by the CSO Notification Rule. Pursuant to the CSO Notification Rule, the City of Euclid's CSO Public Notification Plan was submitted to the Ohio Environmental Protection Agency (Ohio EPA) on August 7, 2018. Implementation of the Plan was initiated on November 7, 2018.

In addition, to developing and implementing a CSO Public Notification Plan, the CSO Notification Rule also requires any Great Lakes Basin permittee to prepare an annual notice describing CSO discharges from its collection system during the previous calendar year. This annual notice must be made available to the public and must also be made available to the United States Environmental Protection Agency (USEPA) and the Ohio Environmental Protection Agency (Ohio EPA). In accordance with 40 CFR122.38 (b), this document will serve as the City of Euclid's annual notice for 2025, and covers the calendar year of January 1, 2025 through December 31, 2025.

2.0 Annual Notification Requirements

As required by Section 122.38(b)(1)-(8) of the CSO Discharge Notification Rule CSO dischargers covered by the rule need to make available to the public an annual notice describing the CSO discharges that occurred during the previous calendar year. The City of Euclid's annual notice will be made available to the public on the City's webpage by May 1st of each year, and will include the following information:

- A description of the location and receiving water for each CSO discharge point, and, if applicable, any treatment provided;
- The date, location, approximate duration, measured or estimated volume, and cause (e.g., rainfall, snowmelt) of each wet weather CSO discharge that occurred during the past calendar year. Where CSO discharges from the same system occur at multiple locations during the same precipitation-related event, the Great Lakes Basin CSO permittee may provide an estimate of the cumulative volume discharged to a given water body;
- The date, location, duration, volume, and cause of each dry weather CSO discharge that occurred during the past calendar year;
- A summary of available monitoring data for CSO discharges from the past calendar year;
- A description of any public access areas potentially impacted by each CSO discharge;

- Representative precipitation data in total inches to the nearest 0.1 inch that resulted in a CSO discharge, if precipitation was the cause of the discharge identified in (§122.38(b)(2));
- Permittee contact information, if not listed elsewhere on the website where the annual notice is provided; and
- A concise summary of implementation of the nine minimum controls and the status of implementation of the long-term CSO control plan (or other plans to reduce or prevent CSO discharges), including:
    - A description of key milestones remaining to complete implementation of the plan; and
    - A description of the average annual number of CSO discharges anticipated after implementation of the LTCP (or other plan relevant to reduction of CSO overflows) is completed.

The annual notice will be made available and sent to both U.S. EPA (NPDES_CSO@epa.gov) and Ohio EPA.

2.1 2025 Rainfall Data

The City of Euclid also utilizes rainfall data, which is collected from six (6) rain gauges **(See Table 1)** throughout the city. Rain gauges are placed specifically in areas of the city in which combined sewers are located and collects rainfall data in 1-minute intervals.

Table 1 - City of Euclid Rain Gauge Locations

RG # 01 – Indian Hills – School	1941 Sagamore Drive, Euclid, OH 44117
RG # 02 – Chardon Hills Elementary	1455 E 260th Street, Euclid, OH 44132
RG # 03 – City of Euclid Service Garage	25200 Lakeland Blvd., Euclid, OH 44132
RG # 04 – Shoreview Elementary	490 E 260th Street, Euclid, OH 44132
RG # 05 – City of Euclid Lakeland Plant	27700 Lakeland Blvd, Euclid, OH 44132
RG # 06 – City of Euclid Lakeshore Plant	22201 Lakeshore Blvd, Euclid, OH 44123

Appendix A contains the required information related to estimated rainfall totals that resulted in a potential CSO event during the 2025 calendar year.

2.2 2025 CSO Activations

The City of Euclid currently uses real-time monitoring equipment to determine if a CSO event has occurred. The city currently through a contracted engineer, performs real-time monitoring at all 17 CSO locations using level sensor monitoring equipment. All data collected by the metered equipment is analyzed by the engineering staff and city employees during normal business hours of operation. City of Euclid employees are notified of a CSO event through email notifications and the data collection website when the liquid level at each CSO location has

exceeded the calculated threshold. The engineer will use the data collected by the monitoring equipment to determine the amount of volume discharged, along with information for city employees to determine the start and end time of the overflow occurrence. The CSO discharge information collected allows the city to report CSO discharges in accordance with the 4-hour Initial Notification – 40 CFR 122.38(a) (2)-(3) and 7-day Supplemental Notification – 40 CFR 122.38(a) (2) (ii) and (3) (iii). The information will match the data being reported in the City's eDMRs in accordance with the City's CSO NPDES permit.

Appendix B contains all of the required information related to CSO locations, activations, and estimated volume of discharge that resulted in CSO wet weather events that occurred in the 2025 calendar year. All CSO activations during 2025 were identified as wet weather events caused by rainfall, with the exception of the two (2) dry-weather activations that have been identified in the following section 3.0 Nine Minimum Controls - Control 5 — Preventing Dry Weather Overflows.

Historically all CSO activation volumes, regardless of weir type, were calculated using the Francis Formula. US EPA's EPA-R2-72-008: The Swirl Concentrator as a Combined Sewer Overflow Regulator Facility (1972) documents in Table 7 on Pg. 34 that the ratio of circular weir discharge rates to straight weir discharge rates calculated using the Francis Formula is less than 1.0. Since swirl concentrator discharge rates are lower than rates calculated using the Francis formula, an adjustment to the discharge volume was required.

Calculations of the 2025 CSO activation volumes used a different methodology than previous years at the six swirl concentrator locations (CSOs 06, 07, 11, 12, 20, and 22), utilizing an analysis of 2020 flow monitoring data and US EPA's EPA-R2-72-008 documentation. The 2020 flow monitoring captured area/velocity data immediately upstream and downstream of each swirl concentrator. This data is transformed into a flow rate using the measured sewer size. The following summarizes the approach used to refine overflow volumes at each swirl concentrator:

- A volume balance of the flows while a CSO is activating was analyzed to characterize the hydraulic performance of each swirl concentrator; and
- This volume balance was used to create unique rating curves of each CSO swirl concentrator to calculate overflow volumes during an activation; and
- If the depth over a swirl concentrator's weir exceeded the empirical data collected, the volume calculations default to the discharge ratio US EPA's EPA-R2-72-008 (Table 7).

Appendix B summarizes the CSO activations for each of the 17 CSO locations for 2025. The total number of activations in one day is equal to the max number of any individual CSO's activations in that day. There was a total of 51 days with CSO activations with a total overflow volume of 84.969 MG. This includes dry weather activations due to sewer blockages and/or broken water mains in the CSO drainage areas. Please note that the methodology for determining the total number of CSO activations was revised starting in October 2024 to count no more than one (1) activation per day. This is per the City of Euclid's September 1, 2024 permit, Section I, Part B, "CSO Limitations and Monitoring Requirement. This permit updated guidance on the maximum number of overflow activations to be reported within a day (no more than 1 per day) and states

that any activations starting on one day and continuing uninterrupted into the following day shall be counted as 1 activation on the first day.

Table 2 identifies CSO locations and the potentially impacted public area within the City of Euclid.

Table 2 – CSO Locations

CSO	Location	Receiving Water Body	Potentially Impacted Public Areas
5	E. 252nd Street and Tungsten Road	Lake Erie	Sims Park
6	Farringdon Avenue	Lake Erie	Clarkwood Beach & Royal Acres Beach
7	Birch Drive	Lake Erie	None
8	Sulzer – Tungsten Road and Babbitt Road	Lake Erie	Sims Park
9	Briardale Avenue	Lake Erie	Sims Park
10	Priday Avenue	Lake Erie	Arcadia Beach Club & Utopia Beach Club
11	Overlook on Euclid Avenue	Lake Erie	Noble Beach Club & Sims Park
12	E. 272nd Street and Forestview Drive	Lake Erie	None
13	E. 276th Street and Lakeshore Blvd.	Lake Erie	None
14	Bishop Lane - Upper Terrace	Euclid Creek	None
15	E. 256th Street and Tungsten Road	Lake Erie	Sims Park
18	Glenbrook Blvd.	Lake Erie	Noble Beach Club & Sims Park
19	E. 262nd Street	Lake Erie	Clarkwood Beach & Royal Acres Beach
20	E. 255th Street	Lake Erie	Clarkwood Beach & Royal Acres Beach
22	Upper Valley Drive	Lake Erie	None
23	E. 230th Street	Lake Erie	Noble Beach Club & Sims Park
24	Dawn Avenue	Lake Erie	Noble Beach Club & Sims Park

3.0 Nine Minimum Controls

The City of Euclid, operates and maintains it collection system as required in the city's NPDES permit to reduce the frequency of wet weather overflows as well as prevent dry-weather overflows from occurring.

Control 1—Reducing CSOs through Operation and Maintenance

The City of Euclid continues to implement its operation and maintenance program for the combined sewer collection system, including: inspections of CSOs during wet weather events, cleaning and televising sewer mains not only located in CSO areas, but throughout the collection system, along with catch basins and manholes. The city also utilizes our contracted engineering staff to perform flow monitoring and rain gauge inspections twice (2) per quarter, which includes equipment calibrations, changing batteries, and desiccant replacement as needed.

The City of Euclid replaced all CSO equipment in 2019 at each CSO and Rain Gauge location, this included level only sensors, communication devices, and rain gauges with tipping buckets.

Control 2—Storing CSOs in Collection System

The City of Euclid utilizes CSOs that are regulated by fixed weirs and swirl concentrators to reduce the magnitude, frequency, and duration of CSO events.

Control 3—Optimizing Pretreatment Program

Euclid monitors industrial pretreatment dischargers into its collection system. This program was implemented to minimize CSO pollutants from the discharges of non-domestic users.

Control 4—Maximizing Flow through the Treatment Plant

Euclid continues to operate the WWTP at its maximum treatable flow rate during wet weather flow conditions. The City of Euclid WWTP has completed an extensive renovation and upgrade to help improve treatment quality and handle heavy flow during wet weather conditions.

Control 5—Preventing Dry-Weather Overflows

The City of Euclid experienced two (2) dry-weather overflows during the 2025 reporting year.

The dry-weather overflows occurred at the following locations:

- CSO-06 experienced a dry weather activation on 2/10 caused by a watermain break in the drainage area.
- CSO-06 experienced a dry weather activation on 9/26 caused by a watermain break in the drainage area.

The corresponding information is located in **Appendix B**. City of Euclid staff perform inspections on each CSO location at a minimum of twice per month. Dry-weather overflow information is also reported to Ohio EPA and Cuyahoga County Board of Health (CCBH).

Control 6—Controlling Solids and Floatables

Euclid Streets and Sewer Department employees conduct street sweeping activities from March through November every year, as well as catch basin and sewer main cleaning, weather permitting. The City of Euclid Streets Department also operates a leaf collection program to prevent pollutants from entering in to the collection system.

Control 7—Pollution Prevention of Receiving Water Bodies

The City of Euclid's goal is to reduce the frequency and impacts of CSOs on receiving water bodies during wet weather events.

Control 8—Notifying the Public

The public notification process was implemented to inform the EPA, CCBH, interested citizens, and potentially impacted public areas when CSOs occur. CSO's are publicly reported here:

https://www.cityofeuclid.gov/combined-sewer-overflow-public-notification

The city website includes updates of CSO notifications, including a CSO location map, detailed CSO initial and supplemental activation information. Public notification emails are also sent to CCBH, interested citizens, and potentially impacted public areas when CSOs occur with detailed CSO initial and supplemental activation information.

Signs are posted at all CSO outfall locations. An annual inspection was completed in 2025 at all CSO outfall sign locations. The City of Euclid also utilizes its website to share information on CSO events to the public.

Control 9—Monitoring CSO Outfalls to Confirm the Effectiveness of CSO Controls

The City of Euclid continues to monitor its CSOs per requirements in our NPDES permit.

4.0 Long-Term Control Plan (LTCP)

The City of Euclid LTCP is being implemented and the city continues to design and construct projects in accordance with the Consent Decree requirements to reduce CSO events. During 2025 projects included: (1) Completion of facility upgrades to the city's Wastewater Treatment Plant (WWTP) and the city continued to work through shakedown items; (2) Extensive CCTV and sewer cleaning on various streets throughout the city. This typically results in large quantities of debris being removed from the collection system, which will result in increased effectiveness of the sewer system; (3) E. 220th and E. 221st Streets - construction of a storm and sanitary sewer construction project, which will eliminate Inflow & Infiltration (I & I) into the city sewer system; and (4) Continue a flow monitoring program of the separate sewer area and SSOs to redevelop and recalibrate the H & H model, including utilization of the 2021 and 2024 flow monitoring data. This is to better inform project priorities of the LTCP, including resulting impacts of previous projects.

For more information contact:

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Appendix A - 2025 Rainfall Data

Table A.1: RG-01 - Indian Hills 2025 Data All Events > 0.5-in Total Rainfall = 34.09 in Total Observed Rainfall at Gauge = 43.56 in				
Date	**Total Rain (in)**	**Total Duration (hr)**	**Classification**	**Instantaneous Peak (in/hr)**
2/12/2025	0.74	29.25	< 2-month	1.80
2/15/2025	0.76	21.33	< 2-month	1.20
2/26/2025	0.77	30.83	< 2-month	1.80
3/4/2025	0.82	37.83	< 2-month	8.40
3/29/2025	1.10	45.42	< 2-month	4.80
4/2/2025	1.66	17.00	< 6-month	13.8
4/5/2025	1.12	30.42	< 2-month	2.40
4/25/2025	0.54	24.17	< 2-month	3.00
5/1/2025	3.21	130.92	< 2-year	12.6
5/14/2025	1.38	33.42	< 9-month	14.4
5/20/2025	2.84	53.08	< 5-year	10.2
6/13/2025	2.99	13.25	< 25-year	9.00
6/18/2025	2.19	55.08	< 9-month	12.0
7/16/2025	1.30	21.42	< 9-month	15.0
7/24/2025	0.87	3.83	< 2-month	12.0
7/26/2025	1.41	22.92	< 2-year	15.6
7/30/2025	0.73	11.25	< 2-month	4.20
8/19/2025	1.35	13.25	< 9-month	14.4
9/4/2025	0.57	5.50	< 2-month	9.60
10/7/2025	0.89	16.25	< 2-month	7.20
10/19/2025	1.53	13.33	< 6-month	4.80
10/22/2025	0.56	20.67	< 2-month	4.80
10/30/2025	1.20	11.58	< 4-month	4.20
11/9/2025	0.93	79.17	< 2-month	1.20
11/25/2025	0.52	23.83	< 2-month	4.80
12/10/2025	0.65	15.50	< 2-month	1.20
12/18/2025	0.84	6.58	< 2-month	3.00
12/28/2025	0.62	17.33	< 2-month	5.40

Table A.2: RG-02 – Chardon Hills 2025 Data All Events > 0.5-in Total Rainfall = 28.48 in Total Observed Rainfall at Gauge = 39.25 in				
Date	**Total Rain (in)**	**Total Duration (hr)**	**Classification**	**Instantaneous Peak (in/hr)**
2/12/2025	0.68	18.50	< 2-month	1.80
2/15/2025	0.70	21.33	< 2-month	1.20
3/4/2025	0.86	38.00	< 2-month	10.2
3/29/2025	1.08	45.42	< 2-month	4.20
4/2/2025	1.55	17.00	< 6-month	13.2
4/5/2025	1.04	29.83	< 2-month	1.80
5/1/2025	2.60	125.08	< 1-year	10.2
5/14/2025	0.82	32.42	< 2-month	11.4
5/20/2025	2.68	59.83	< 2-year	17.4
6/13/2025	1.61	9.33	< 2-year	8.40
6/27/2025	0.67	3.17	< 4-month	19.8
7/16/2025	1.01	21.67	< 4-month	12.0
7/24/2025	0.63	3.83	< 2-month	9.00
7/26/2025	1.22	22.75	< 1-year	18.6
7/30/2025	0.62	11.17	< 2-month	2.40
8/19/2025	1.16	46.33	< 4-month	11.4
9/4/2025	0.73	22.50	< 2-month	6.60
10/7/2025	0.83	16.33	< 2-month	6.60
10/19/2025	1.37	16.50	< 6-month	2.40
10/22/2025	1.64	36.50	< 6-month	4.80
10/29/2025	2.62	23.75	< 5-year	3.60
11/9/2025	0.86	58.58	< 2-month	2.40
12/10/2025	0.62	15.58	< 2-month	1.20
12/18/2025	0.88	6.67	< 2-month	3.00

Table A.3: RG-03 - Service Garage 2025 Data All Events > 0.5-in Total Rainfall = 27.10 in Total Observed Rainfall at Gauge = 36.39 in				
Date	**Total Rain (in)**	**Total Duration (hr)**	**Classification**	**Instantaneous Peak (in/hr)**
2/12/2025	0.56	11.58	< 2-month	1.80
2/15/2025	0.71	21.17	< 2-month	1.20
3/4/2025	0.72	39.83	< 2-month	6.00
3/30/2025	0.99	29.67	< 2-month	5.40
4/2/2025	1.47	17.25	< 6-month	10.2
4/5/2025	1.00	26.25	< 2-month	1.80
5/2/2025	1.85	101.75	< 2-month	7.20
5/14/2025	0.83	46.92	< 2-month	7.80
5/20/2025	2.59	47.42	< 2-year	15.0
6/13/2025	2.76	12.58	< 10-year	9.00
6/18/2025	1.31	55.17	< 2-month	10.8
7/24/2025	0.66	3.67	< 2-month	21.6
7/26/2025	0.80	24.75	< 3-month	7.80
8/19/2025	0.89	46.42	< 2-month	10.2
8/28/2025	0.92	6.75	< 9-month	21.6
9/4/2025	0.65	5.42	< 2-month	4.80
10/7/2025	0.91	21.92	< 3-month	6.60
10/19/2025	1.66	16.17	< 9-month	9.00
10/22/2025	1.19	59.67	< 2-month	4.20
10/29/2025	2.48	23.00	< 2-year	4.20
11/9/2025	0.77	59.75	< 2-month	1.20
12/10/2025	0.57	15.75	< 2-month	1.20
12/18/2025	0.81	5.42	< 2-month	3.60

Table A.4: RG-04 - Shoreview 2025 Data All Events > 0.5-in Total Rainfall = 24.39 in Total Observed Rainfall at Gauge = 38.57 in				
Date	**Total Rain (in)**	**Total Duration (hr)**	**Classification**	**Instantaneous Peak (in/hr)**
2/12/2025	0.69	23.92	< 2-month	5.40
2/15/2025	0.66	22.25	< 2-month	0.60
3/4/2025	0.79	37.50	< 2-month	4.80
3/30/2025	1.01	29.67	< 2-month	4.80
4/2/2025	1.43	16.83	< 3-month	9.00
4/5/2025	0.96	32.08	< 2-month	1.80
4/25/2025	0.54	23.75	< 2-month	8.40
5/2/2025	1.67	101.75	< 4-month	3.00
5/14/2025	0.92	59.67	< 2-month	7.20
5/20/2025	2.08	45.33	< 9-month	12.6
6/13/2025	2.93	12.75	< 25-year	9.00
6/18/2025	1.32	54.67	< 3-month	7.80
6/27/2025	0.96	0.92	< 5-year	24.6
7/16/2025	0.98	20.42	< 4-month	10.2
7/24/2025	0.70	1.42	< 2-month	18.0
7/26/2025	0.80	24.75	< 2-month	7.80
8/28/2025	0.93	2.92	< 1-year	21.0
9/4/2025	0.67	5.50	< 2-month	4.80
10/7/2025	0.74	7.25	< 2-month	4.80
10/19/2025	1.55	16.33	< 9-month	9.00
10/22/2025	1.35	39.83	< 3-month	6.00
10/29/2025	2.32	23.33	< 2-year	2.40
11/9/2025	0.83	60.25	< 2-month	1.80
12/10/2025	0.68	15.33	< 2-month	1.20
12/18/2025	0.85	6.17	< 2-month	4.80

Table A.5: RG-05 - Lakeland Plant 2025 Data All Events > 0.5-in Total Rainfall = 30.78 in Total Observed Rainfall at Gauge = 39.02 in				
Date	**Total Rain (in)**	**Total Duration (hr)**	**Classification**	**Instantaneous Peak (in/hr)**
2/12/2025	0.67	9.17	< 2-month	1.80
2/15/2025	0.78	21.25	< 2-month	1.20
2/26/2025	0.65	30.83	< 2-month	1.80
3/4/2025	0.99	100.42	< 2-month	7.80
3/29/2025	1.17	45.92	< 2-month	5.40
4/2/2025	1.78	16.75	< 9-month	12.0
4/5/2025	1.15	32.92	< 2-month	2.40
4/25/2025	0.62	23.92	< 2-month	7.20
5/2/2025	2.06	106.25	< 2-month	7.80
5/14/2025	0.74	32.33	< 2-month	5.40
5/20/2025	2.83	50.33	< 5-year	14.4
6/13/2025	3.33	12.25	< 25-year	9.00
6/18/2025	1.74	55.17	< 6-month	12.6
6/27/2025	0.80	0.67	< 2-year	22.8
7/16/2025	1.03	8.92	< 6-month	15.6
7/24/2025	0.65	1.42	< 2-month	22.8
7/26/2025	0.82	25.00	< 3-month	6.60
7/30/2025	0.51	12.08	< 2-month	1.80
8/19/2025	0.76	65.83	< 2-month	7.20
8/28/2025	0.69	6.17	< 6-month	12.6
10/7/2025	1.03	16.08	< 4-month	7.80
10/29/2025	2.67	23.83	< 5-year	3.00
11/9/2025	1.02	61.67	< 2-month	3.00
11/25/2025	0.55	23.67	< 2-month	3.60
12/10/2025	0.74	16.25	< 2-month	0.60
12/18/2025	1.00	7.17	< 4-month	4.20

Table A.6: RG-06 - Lakeshore Plant 2025 Data All Events > 0.5-in Total Rainfall = 29.31 in Total Observed Rainfall at Gauge = 38.96 in				
Date	**Total Rain (in)**	**Total Duration (hr)**	**Classification**	**Instantaneous Peak (in/hr)**
2/12/2025	0.77	10.17	< 2-month	1.80
2/15/2025	0.69	22.75	< 2-month	1.20
2/26/2025	0.61	28.33	< 2-month	1.20
3/4/2025	0.69	37.33	< 2-month	1.80
3/29/2025	0.98	45.58	< 2-month	6.60
4/2/2025	1.72	17.08	< 6-month	16.2
4/5/2025	1.02	31.75	< 2-month	2.40
4/25/2025	0.51	19.08	< 2-month	4.80
5/2/2025	1.75	101.50	< 4-month	4.80
5/14/2025	0.77	59.58	< 2-month	6.00
5/20/2025	1.98	42.67	< 6-month	9.60
6/13/2025	3.00	12.67	< 25-year	7.80
6/18/2025	1.42	54.50	< 3-month	9.00
6/27/2025	0.78	0.42	< 5-year	26.4
7/16/2025	0.96	9.17	< 2-month	10.2
7/24/2025	0.82	1.50	< 3-month	29.4
7/26/2025	0.83	25.08	< 2-month	10.8
8/28/2025	0.91	1.25	< 9-month	22.8
9/4/2025	0.51	5.50	< 2-month	3.00
10/7/2025	0.85	6.75	< 3-month	5.40
10/19/2025	1.67	13.17	< 9-month	8.40
10/22/2025	1.29	59.17	< 3-month	5.40
10/29/2025	2.31	23.25	< 2-year	2.40
11/9/2025	0.85	58.25	< 2-month	1.20
12/10/2025	0.74	15.83	< 2-month	1.20
12/18/2025	0.88	6.42	< 3-month	4.20

Appendix B - 2025 CSO Activations and Discharge Information

YTD Date	5	2.1	0.120	33	142.2	20.031	30	286.5	12.278	6	1.9	0.037	3	0.2	0.010	11	7.8	0.219
	E. 252 St. & Tungsten Rd. CSO-05			Farringdon Avenue CSO-06			Birch Drive CSO-07			Tungsten Rd. & Babbitt Rd. CSO-08			Briardale Avenue CSO-09			Priday Avenue CSO-10		
	Overflows			Overflows			Overflows			Overflows			Overflows			Overflows		
	No. Ea.	Duration Hours	Vol MG	No. Ea.	Duration Hours	Vol MG	No. Ea.	Duration Hours	Vol MG	No. Ea.	Duration Hours	Vol MG	No. Ea.	Duration Hours	Vol MG	No. Ea.	Duration Hours	Vol MG
2/6/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2/10/2025	-	-	-	1	9.40	1.17564	-	-	-	-	-	-	-	-	-	-	-	-
2/13/2025	-	-	-	1	1.92	0.17878	1	0.82	0.08655	-	-	-	-	-	-	-	-	-
2/15/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2/16/2025	-	-	-	1	3.03	0.26010	-	-	-	-	-	-	-	-	-	-	-	-
2/26/2025	-	-	-	1	1.23	0.12282	1	0.42	0.04625	-	-	-	-	-	-	-	-	-
2/27/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/5/2025	-	-	-	1	0.47	0.07134	1	0.30	0.05330	-	-	-	-	-	-	-	-	-
3/20/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/30/2025	-	-	-	1	16.47	0.18935	1	15.90	0.12691	-	-	-	-	-	-	-	-	-
4/2/2025	-	-	-	1	2.17	0.38655	1	1.35	0.25139	-	-	-	-	-	-	1	0.70	0.01221
4/3/2025	-	-	-	1	3.63	0.76537	1	3.30	0.60080	-	-	-	-	-	-	1	1.27	0.02691
4/5/2025	-	-	-	1	4.07	0.42021	1	2.60	0.27831	-	-	-	-	-	-	-	-	-
4/25/2025	-	-	-	1	0.52	0.11878	1	0.30	0.04211	-	-	-	-	-	-	-	-	-
5/1/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/2/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/3/2025	-	-	-	1	0.42	0.07546	-	-	-	-	-	-	-	-	-	-	-	-
5/4/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/5/2025	-	-	-	1	2.67	0.66212	1	2.32	0.23865	-	-	-	-	-	-	-	-	-
5/14/2025	-	-	-	1	0.45	0.14814	1	0.17	0.01912	-	-	-	-	-	-	-	-	-
5/16/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/21/2025	-	-	-	1	1.62	0.50256	1	1.17	0.17122	-	-	-	-	-	-	1	0.17	0.00327
5/22/2025	-	-	-	1	6.45	1.78666	1	4.25	0.65030	-	-	-	-	-	-	1	1.17	0.02094
6/9/2025	-	-	-	1	0.40	0.08572	1	0.23	0.03448	-	-	-	-	-	-	-	-	-
6/14/2025	1	1.27	0.07166	1	6.42	3.05179	1	5.57	1.38824	1	1.22	0.00729	-	-	-	1	3.07	0.10008
6/18/2025	-	-	-	1	0.50	0.17991	1	0.42	0.07033	-	-	-	-	-	-	-	-	-
6/19/2025	1	0.13	0.00422	1	5.05	0.78716	1	4.90	0.28060	1	0.08	0.00074	-	-	-	1	0.22	0.00874
6/27/2025	1	0.37	0.02170	1	0.92	0.61143	1	71.67	5.01684	1	0.30	0.02629	1	0.02	0.00214	1	0.28	0.01613
6/30/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/16/2025	1	0.07	0.00052	1	0.93	0.32130	1	0.92	0.20303	1	0.02	0.00008	-	-	-	1	0.22	0.00399
7/24/2025	-	-	-	1	0.37	0.18307	1	1.60	0.13480	-	-	-	1	0.02	0.00043	1	0.13	0.00476
7/25/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/26/2025	1	0.27	0.02191	1	1.37	0.41338	1	3.77	0.47339	1	0.13	0.00251	-	-	-	-	-	-
7/27/2025	-	-	-	-	-	-	1	3.18	0.21782	-	-	-	-	-	-	-	-	-
7/31/2025	-	-	-	-	-	-	1	0.57	0.05611	-	-	-	-	-	-	-	-	-
8/19/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8/28/2025	-	-	-	1	0.75	0.46095	1	0.85	0.37868	1	0.05	0.00044	1	0.13	0.00658	1	0.33	0.01889
9/4/2025	-	-	-	1	1.62	0.34894	1	1.45	0.15195	-	-	-	-	-	-	-	-	-
9/7/2025	-	-	-	1	0.15	0.01747	-	-	-	-	-	-	-	-	-	-	-	-
9/21/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9/24/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9/26/2025	-	-	-	1	8.03	1.78590	-	-	-	-	-	-	-	-	-	-	-	-
10/7/2025	-	-	-	1	1.28	0.31428	1	1.23	0.16120	-	-	-	-	-	-	-	-	-
10/19/2025	-	-	-	1	22.88	0.58506	1	22.53	0.20702	-	-	-	-	-	-	1	0.18	0.00335
10/23/2025	-	-	-	1	18.58	0.32319	1	18.42	0.07493	-	-	-	-	-	-	-	-	-
10/30/2025	-	-	-	1	13.85	2.59711	1	12.48	0.78524	-	-	-	-	-	-	-	-	-
11/9/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/10/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/19/2025	-	-	-	1	4.30	1.08800	1	3.62	0.07855	-	-	-	-	-	-	-	-	-
12/26/2025	-	-	-	1	0.17	0.01087	1	0.05	0.00037	-	-	-	-	-	-	-	-	-
12/28/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

YTD Date	31	77.6	4.130	37	165.2	19.840	2	0.3	0.020	0	0.0	0.000	6	2.2	0.117	2	0.1	0.001
	Overlook on Euclid Ave. CSO-11			Forestview Ave. @ E. 272 St. CSO-12			276 St. & Lakeshore Blvd. CSO-13			Bishop Lane CSO-14			E. 256 St. & Tungsten Rd. CSO-15			Glenbrook Blvd. CSO-18		
	Overflows			Overflows			Overflows			Overflows			Overflows			Overflows		
	No. Ea.	Duration Hours	Vol MG	No. Ea.	Duration Hours	Vol MG	No. Ea.	Duration Hours	Vol MG	No. Ea.	Duration Hours	Vol MG	No. Ea.	Duration Hours	Vol MG	No. Ea.	Duration Hours	Vol MG
2/6/2025	-	-	-	1	0.27	0.00673	-	-	-	-	-	-	-	-	-	-	-	-
2/10/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2/13/2025	-	-	-	1	2.05	0.23352	-	-	-	-	-	-	-	-	-	-	-	-
2/15/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2/16/2025	-	-	-	1	3.63	0.40762	-	-	-	-	-	-	-	-	-	-	-	-
2/26/2025	-	-	-	1	1.30	0.14804	-	-	-	-	-	-	-	-	-	-	-	-
2/27/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/5/2025	1	0.25	0.04816	1	9.93	0.16380	-	-	-	-	-	-	-	-	-	-	-	-
3/20/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/30/2025	1	15.78	0.06614	1	16.70	0.31108	-	-	-	-	-	-	-	-	-	-	-	-
4/2/2025	1	0.92	0.09752	1	2.88	0.67899	-	-	-	-	-	-	-	-	-	-	-	-
4/3/2025	1	2.45	0.29634	1	4.25	1.20682	-	-	-	-	-	-	-	-	-	-	-	-
4/5/2025	1	0.90	0.05427	1	4.63	0.69111	-	-	-	-	-	-	-	-	-	-	-	-
4/25/2025	-	-	-	1	0.72	0.11636	-	-	-	-	-	-	-	-	-	-	-	-
5/1/2025	-	-	-	1	0.18	0.00470	-	-	-	-	-	-	-	-	-	-	-	-
5/2/2025	1	0.18	0.04564	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/3/2025	-	-	-	1	0.72	0.06439	-	-	-	-	-	-	-	-	-	-	-	-
5/4/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/5/2025	1	2.60	0.07981	1	2.88	0.46395	-	-	-	-	-	-	-	-	-	-	-	-
5/14/2025	1	0.28	0.07085	1	0.37	0.06624	-	-	-	-	-	-	-	-	-	-	-	-
5/16/2025	-	-	-	1	0.22	0.02971	-	-	-	-	-	-	-	-	-	-	-	-
5/21/2025	1	16.93	0.26700	1	20.83	0.87702	-	-	-	-	-	-	1	0.20	0.01175	-	-	-
5/22/2025	1	5.35	0.10017	1	13.63	2.59537	-	-	-	-	-	-	-	-	-	-	-	-
6/9/2025	1	0.08	0.01023	1	0.50	0.09473	-	-	-	-	-	-	-	-	-	-	-	-
6/14/2025	1	4.87	0.75297	1	6.68	2.67777	-	-	-	-	-	-	1	1.17	0.03065	-	-	-
6/18/2025	1	0.32	0.06505	1	0.55	0.14786	-	-	-	-	-	-	-	-	-	-	-	-
6/19/2025	1	4.88	0.27637	1	5.12	0.57109	-	-	-	-	-	-	1	0.07	0.00090	-	-	-
6/27/2025	1	0.58	0.39644	1	1.45	0.92796	1	0.10	0.00636	-	-	-	1	0.33	0.05936	1	0.02	0.00006
6/30/2025	1	0.07	0.00628	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/16/2025	1	0.58	0.11764	1	1.17	0.41485	-	-	-	-	-	-	-	-	-	-	-	-
7/24/2025	1	0.08	0.02051	1	1.92	0.31822	-	-	-	-	-	-	-	-	-	-	-	-
7/25/2025	1	0.10	0.02362	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/26/2025	1	1.18	0.45039	1	1.73	0.36448	-	-	-	-	-	-	1	0.18	0.00847	1	0.08	0.00072
7/27/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/31/2025	1	0.60	0.00821	1	0.63	0.06617	-	-	-	-	-	-	-	-	-	-	-	-
8/19/2025	1	2.75	0.12564	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8/28/2025	1	0.38	0.09376	1	1.00	0.55375	1	0.23	0.01371	-	-	-	1	0.15	0.00600	-	-	-
9/4/2025	1	1.00	0.04906	1	1.68	0.32887	-	-	-	-	-	-	-	-	-	-	-	-
9/7/2025	1	0.03	0.00509	1	0.30	0.03695	-	-	-	-	-	-	-	-	-	-	-	-
9/21/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9/24/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9/26/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10/7/2025	1	0.32	0.05366	1	1.67	0.34606	-	-	-	-	-	-	-	-	-	-	-	-
10/19/2025	1	0.27	0.01864	1	11.38	0.64374	-	-	-	-	-	-	-	-	-	-	-	-
10/23/2025	1	1.73	0.07437	1	18.90	0.53067	-	-	-	-	-	-	-	-	-	-	-	-
10/30/2025	1	9.77	0.31270	1	18.50	2.67969	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2025	-	-	-	1	0.48	0.03982	-	-	-	-	-	-	-	-	-	-	-	-
12/10/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/19/2025	1	2.22	0.11923	1	4.83	0.88953	-	-	-	-	-	-	-	-	-	-	-	-
12/26/2025	-	-	-	1	1.33	0.14268	-	-	-	-	-	-	-	-	-	-	-	-
12/28/2025	1	0.27	0.02677	1	0.05	0.00007	-	-	-	-	-	-	-	-	-	-	-	-

YTD Date	4	1.1	0.059	23	40.7	7.021	41	239.5	21.063	2	0.1	0.000	1	0.1	0.018	51	84.969
	E. 262 Street CSO-19			E. 255 Street CSO-20			Upper Valley Drive CSO-22			E. 230 Street CSO-23			Dawn Avenue CSO-24			Total of All CSOs	
	Overflows			Overflows			Overflows			Overflows			Overflows			Max No. Ea.	Total Vol MG
	No. Ea.	Duration Hours	Vol MG	No. Ea.	Duration Hours	Vol MG	No. Ea.	Duration Hours	Vol MG	No. Ea.	Duration Hours	Vol MG	No. Ea.	Duration Hours	Vol MG		
2/6/2025	-	-	-	-	-	-	1	0.82	0.07243	-	-	-	-	-	-	1	0.07916
2/10/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1.17564
2/13/2025	-	-	-	-	-	-	1	3.12	0.34910	-	-	-	-	-	-	1	0.84795
2/15/2025	-	-	-	-	-	-	1	0.48	0.03560	-	-	-	-	-	-	1	0.03560
2/16/2025	-	-	-	-	-	-	1	5.50	0.62564	-	-	-	-	-	-	1	1.29336
2/26/2025	-	-	-	-	-	-	1	4.65	0.50873	-	-	-	-	-	-	1	0.82584
2/27/2025	-	-	-	-	-	-	1	2.23	0.07004	-	-	-	-	-	-	1	0.07004
3/5/2025	-	-	-	-	-	-	1	10.07	0.26162	-	-	-	-	-	-	1	0.59822
3/20/2025	-	-	-	-	-	-	1	0.77	0.07957	-	-	-	-	-	-	1	0.07957
3/30/2025	-	-	-	1	0.27	0.08217	1	18.47	0.44369	-	-	-	-	-	-	1	1.21934
4/2/2025	-	-	-	1	1.02	0.29718	1	3.70	0.46848	-	-	-	-	-	-	1	2.19232
4/3/2025	-	-	-	1	1.98	0.59051	1	8.13	1.06322	-	-	-	-	-	-	1	4.54997
4/5/2025	-	-	-	-	-	-	1	17.42	1.10560	-	-	-	-	-	-	1	2.54960
4/25/2025	-	-	-	-	-	-	1	1.08	0.11740	-	-	-	-	-	-	1	0.39465
5/1/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.00470
5/2/2025	-	-	-	-	-	-	1	0.82	0.11194	-	-	-	-	-	-	1	0.15758
5/3/2025	-	-	-	-	-	-	1	3.30	0.17956	-	-	-	-	-	-	1	0.31941
5/4/2025	-	-	-	-	-	-	1	2.80	0.36792	-	-	-	-	-	-	1	0.36792
5/5/2025	-	-	-	-	-	-	1	6.93	0.94683	-	-	-	-	-	-	1	2.39136
5/14/2025	-	-	-	1	0.08	0.02702	1	2.28	0.43070	-	-	-	-	-	-	1	0.76207
5/16/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.02971
5/21/2025	-	-	-	1	1.57	0.40917	1	39.67	3.85938	-	-	-	-	-	-	1	6.10137
5/22/2025	-	-	-	1	3.02	0.64719	-	-	-	-	-	-	-	-	-	1	5.80053
6/9/2025	-	-	-	1	0.17	0.03889	1	0.28	0.03186	-	-	-	-	-	-	1	0.29591
6/14/2025	1	0.53	0.01663	1	7.62	1.93278	1	8.83	1.78329	-	-	-	-	-	-	1	11.81305
6/18/2025	-	-	-	1	0.30	0.07988	1	1.45	0.21459	-	-	-	-	-	-	1	0.75762
6/19/2025	-	-	-	1	0.67	0.17229	1	8.27	1.12003	-	-	-	-	-	-	1	3.22214
6/27/2025	1	0.18	0.01040	1	0.92	0.53938	1	0.58	0.07647	1	0.02	0.00003	-	-	-	1	7.71099
6/30/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.00628
7/16/2025	-	-	-	1	0.80	0.27735	1	8.88	0.25531	-	-	-	-	-	-	1	1.59407
7/24/2025	1	0.02	0.00020	1	0.43	0.14061	1	1.27	0.12489	-	-	-	-	-	-	1	0.92749
7/25/2025	-	-	-	-	-	-	1	0.63	0.08719	-	-	-	-	-	-	1	0.11081
7/26/2025	-	-	-	1	1.33	0.25993	1	2.83	0.46771	1	0.03	0.00032	1	0.07	0.01833	1	2.48154
7/27/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.21782
7/31/2025	-	-	-	-	-	-	1	2.38	0.28051	-	-	-	-	-	-	1	0.41100
8/19/2025	-	-	-	-	-	-	1	4.22	0.51431	-	-	-	-	-	-	1	0.63995
8/28/2025	1	0.37	0.03150	1	0.77	0.34021	1	2.12	0.18118	-	-	-	-	-	-	1	2.08565
9/4/2025	-	-	-	1	1.33	0.21068	1	1.22	0.14019	-	-	-	-	-	-	1	1.22969
9/7/2025	-	-	-	1	0.23	0.05504	1	0.42	0.04953	-	-	-	-	-	-	1	0.16408
9/21/2025	-	-	-	1	0.22	0.05166	-	-	-	-	-	-	-	-	-	1	0.05166
9/24/2025	-	-	-	-	-	-	1	0.67	0.09230	-	-	-	-	-	-	1	0.09230
9/26/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1.78590
10/7/2025	-	-	-	1	0.63	0.12652	1	0.52	0.07935	-	-	-	-	-	-	1	1.08107
10/19/2025	-	-	-	1	7.52	0.13589	1	12.45	0.42813	-	-	-	-	-	-	1	2.01983
10/23/2025	-	-	-	1	0.07	0.00312	1	17.83	0.91290	-	-	-	-	-	-	1	1.91918
10/30/2025	-	-	-	1	8.60	0.43196	1	17.15	1.74398	-	-	-	-	-	-	1	8.55068
11/9/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.03982
12/10/2025	-	-	-	-	-	-	1	6.87	0.31339	-	-	-	-	-	-	1	0.31339
12/19/2025	-	-	-	1	1.03	0.17258	1	6.90	0.88044	-	-	-	-	-	-	1	3.22833
12/26/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.15372
12/28/2025	-	-	-	-	-	-	1	1.55	0.19022	-	-	-	-	-	-	1	0.21706