CITY OF OSWEGO WASTEWATER DEPARTMENT
ROBERT A. CORRADINO, MAYOR

WESTSIDE:
2 FIRST AVENUE
OSWEGO NY 13126
PHONE: (315) 342-3777
FAX: (315) 342-8233

EASTSIDE:
71 MERCER STREET
OSWEGO, NY 13126
PHONE: (315) 342-2500
FAX: (315) 342-8233

May 9, 2024

City of Oswego CSO Public Notification Annual Report in accordance with the Great Lakes CSO Notification Rule

In accordance with USEPA document entitled "Public Notification Requirements for Combined Sewer Overflows to the Great Lakes Basins", the City of Oswego respectfully publishes this Annual Report for the period of January 1 – December 31, 2023. The Report, which covers CSO's listed under two separate SPDES Permits, **NY0029106 & NY0029114**, addresses the following elements:

1. A description of the location and receiving water for each CSO discharge point, and, if applicable, any treatment provided;
2. 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;
3. The date, location, duration, volume, and cause of each dry weather CSO discharge that occurred during the past calendar year;
4. A summary of available monitoring data for CSO discharges from the past calendar year;
5. A description of any public access areas potentially impacted by each CSO discharge;
6. 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;
7. Permittee contact information, if not listed elsewhere on the website where this annual notice is provided; and
8. 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:
    i. A description of key milestones remaining to complete implementation of the plan; and
    ii. A description of the average annual number of CSO discharges anticipated after implementation of the long-term control plan (or other plan relevant to reduction of CSO overflows) is completed.

In summary, during 2023 there were 16 CSO/SSO events reported to the public from three outfalls. Under SPDES Permit No. ***NY0029106*** *Permitted Outfall #002-Excess Flow Management Facility & Unpermitted #004-Sanitary Sewer Overflow discharge to Gardenier Creek.* Under SPDES Permit No. ***NY0029114*** *Permitted Outfall #002-Detention Basin.* There were no CSO events involving ***NY0029106*** Permitted Outfall *#003-Riverwalk.*

1. 4 overflows from Westside Gardiner Creek SSO outfall 004;
2. 8 overflows from Westside EFMF SPDES permitted CSO outfall 002;
3. 4 overflows from Eastside Detention Basin SPDES permitted outfall 002.

The required information for this report is contained in the attached paperwork including **Table 1**, which summarizes dates, locations, durations, volumes, precipitation amounts and whether the event occurred during dry or wet weather, **Table 2,** which summarizes all analytical data from permitted overflows as required by the SPDES permit for CSO outfalls and lastly, pertinent pages from the 2023 CSO/BMP Annual Report.

Please contact me, if there any questions regarding the report.

Sincerely,

Kenneth Scherrieble
Superintendent of Wastewater Treatment

EC: Mayor Robert A. Corradino
Dan Ramer, Chief Operator – Eastside WWTP
John McGrath, Chief Operator – Westside WWTP
Kelly Coad, Secretary
Jeff Hinderliter, City Engineer
Donna Archer, Engineering
Craig Rebeor, Commissioner of Public Works
Valarie Ellis, P.E. 1, Region 7
Ryan Waldron, P.E., NYSDEC, Albany
Steven Wood, EIT Assistant Engineer

TABLE 1
2023 CSO PUBLIC NOTIFICATION ANNUAL REPORT
SPDES PERMIT NO. NY0029106

NY0029106 CSO #002 is a permitted outfall & receives Primary Treatment & Disinfection.
CSO Outfall 003 & SSO 004 are untreated.

CSO #002 - EFMF

DATE	LOCATION	DURATION	VOLUME MGD	WEEKLY RAINFALL/ SNOWMELT	CAUSE
2/9-10/23	EFMF	12 hours	1.699	1.04"	Wet Weather
3/17/23	EFMF	14 hrs. 43 min.	2.310	0.40"	Wet Weather
4/5/23	EFMF	1 hr. 40 min.	0.116	1.15"	Wet Weather
6/12/23	EFMF	2 hrs. 55 min.	0.585	1.64"	Wet Weather
6/26/23	EFMF	6 hrs. 30 min.	2.210	1.26"	Wet Weather
8/25/23	EFMF	2 hrs. 53 min.	1.880	1.55"	Wet Weather
10/8/23	EFMF	21 hrs. 40 min.	7.391	4.40"	Wet Weather
12/18/23	EFMF	2 hrs. 37 min.	0.186	1.35"	Wet Weather

Riverwalk CSO #003

2023

No Events

SSO #004

DATE	LOCATION	DURATION	VOLUME MGD	WEEKLY RAINFALL/ SNOWMELT	CAUSE
2/9/23	Main Plant	1 hr. 25 min	0.034	0.52"	Wet Weather
6/26/23	Main Plant	23 min.	0.491	1.19"	Wet Weather
6/26/23	Main Plant	5 hrs. 55 min.	3.255	1.01"	Wet Weather
10/8/23	Main Plant	24 hours	2.531	4.40"	Wet Weather

TABLE 1 CONTINUED
2023 CSO PUBLIC NOTIFICATION ANNUAL REPORT
SPDES PERMIT NO. NY0029114

NY0029114 CSO #002 is a permitted outfall & receives Primary Treatment & Disinfection all year.

CSO #002 – Detention Basin					
DATE	**LOCATION**	**DURATION**	**VOLUME MGD**	**WEEKLY RAINFALL/ SNOWMELT**	**CAUSE**
3/17/23	Main Plant	4 hrs. 10 min.	0.12	0.40"	Wet Weather
6/26/23	Main Plant	4 hours.	0.12	1.26"	Wet Weather
8/25/23	Main Plant	2 hours	0.06	1.55"	Wet Weather
10/8/23	Main Plant	20 hours	1.30	4.40"	Wet Weather

The City of Oswego

TABLE 2
2023 Westside Excess Flow Management Data Summary (Outfall 002)
NY0029106

Date	Influent TSS mg/l	Influent BOD mg/l	Effluent TSS mg/l	Effluent BOD mg/l	O&G mg/l	Fecal Coliform mpn/100	Entero-Cocci mpn/100	Chlorine Residual mg/l
2/9-10/23	66	34	41	26	7.6	NA	NA	NA
3/17/23	52	16	27	9.7	7.5	NA	NA	NA
4/5/23	44	17	32	9.5	2.7	NA	NA	NA
6/12/23	41	26	38	26	7.0	1.0	<1.0	1.44
6/26/23	85	32	92	21	6.1	128	16.4	0.04
8/25/23	85	34	71	25	8.0	1.0	1986.3	0.31
10/8/23	75	24	55	97	5.7	2.0	4.0	0.73
12/17/23	29	20	14	56	3.2	< 1.0	< 1.0	1.78
	Inf. Sett. Solids		Eff. Sett. Solids					
2/10/23	0.6		0.1					
3/17/23	2.0 ml/l		< 0.1 ml/l					
4/5/23	1.5 ml/l		< 0.1 ml/l					
6/12/23	2.5 ml/l		0.2					
6/26/23	7.0 ml/l		0.2					
8/25/23	1.0 ml/l		1,25 ml/l					
10/8/23	2.5 ml/l		< 0.1 ml/l					
12/17/23	0.5		< 0.1					

2023 Eastside Detention Basin Data Summary (Outfall 002)
NY0029114

Date	Influent TSS mg/l	Influent BOD mg/l	Effluent TSS mg/l	Effluent BOD mg/l	O&G mg/l	Fecal Coliform mpn/100	Cl2 Res. mg/l	D. O. mg/l
3/17/23	20	21	22	20	11	16.1	0.00	9.0
6/26/23	46	36	49	38	14	11.3	2.1	6.7
8/25/23	160	67	29	22	11.0	2419.6	0.00	4.6
10/8/23	34	17	28	13	4.2	2136.8	0.00	7.6
	Inf. Sett. Solids		Eff. Sett. Solids					
3/17/23	0.5 ml/l		< 0.1 ml/l					
6/26/23	< 0.1 ml/l		< 0.1 ml/l					
8/25/23	4.0 ml/l		< 0.1 ml/l					
10/8/23	0.3 ml/l		0.1 ml/l					

CITY OF OSWEGO WASTEWATER DEPARTMENT
ROBERT A. CORRADINO, MAYOR

WESTSIDE:
2 FIRST AVENUE
OSWEGO NY 13126
PHONE: (315) 342-3777
FAX: (315) 342-8233

EASTSIDE:
71 MERCER STREET
OSWEGO, NY 13126
PHONE: (315) 342-2500
FAX: (315) 342-8233

2023 CSO/BMP Annual Report
City of Oswego Westside Wastewater Treatment Plant

Table of Contents

Table of Contents 1
Combined Sewer Overflow (CSO) Annual Report 2
(Submission #: HQ0-ST2T-YC9VR, version 2) 2
Details 2
Form Input 2
Permit Information 2
Part I - CSO LTCP Information 2
Part II - CSO Outfall Information 3
Part III - Collection System Information 3
Part IV - CSO Control Implementation Information 4
Part V - CSO Best Management Practices (BMPs) 4
Owner/Operator Certification 9
Attachments 9
Status History 9
Processing Steps 9
Revisions 9

Combined Sewer Overflow (CSO) Annual Report

version 1.10

(Submission #: HQ0-ST2T-YC9VR, version 2)

Details

Submitted	5/6/2024 (4 days ago) by John McGrath
Alternate Identifier	NY0029106
Submission ID	HQ0-ST2T-YC9VR
Status	Deemed Complete

Form Input

Permit Information

SPDES Number
NY0029106

DEC Region
7

Permittee Name
City of Oswego

Facility Name
Westside Wastewater Treatment Facility

Official Name
Robert A. Corradino

Official Title
Mayor

Official's Phone Number
315-342-3777

Official's Email Address
mayor@oswegony.org

CSO Program Manager Name
John W. McGrath

CSO Program Manager Title
Chief Operator - Westside WWTP

CSO Program Manager Phone Number
315-342-8173

CSO Program Manager Email
labmanager@oswegony.org

Part I - CSO LTCP Information

GENERAL CSO PROGRAM INFORMATION

Use the following questions to provide current general information on the CSO Program

Number of CSO Outfalls in the permittee owned system
2

Number of CSO Events Occurring in Reporting Year
8

Total Volume of CSO Discharged in Reporting Year (MG)
15.79

Percentage of Collection System, owned by the permittee, that is combined (%)
8

Approximate length (mi) of combined sewers in permittee-owned system
4

Population served by the permittee-owned system
16,350

Number of Publicly-Owned Sewer Systems (POSS) to the permittee-owned system
3

Number of Publicly-Owned Sewer Systems (POSS) to the Combined Sewer System
0

Number of Significant Industrial Users (SIU) connected to the CSS
3

Number of other, non-POSS satellite system connections
0

Long Term Control Plan (LTCP) Information

Was an LTCP Required?
Yes

Year the LTCP was Submitted
2003

What is the LTCP Approval Status?
Other: The LTCP submission was eventually approved and subsequently memorialized under US EPA Consent Decree No. 5:10-cv-00554-NPM-DEP.

What was/is the LTCP selected approach and/or criterion?
Presumptive (4-6 Events)

Is the LTCP Implementation completed?
Yes

Provide a brief list of all the recommendations and CSO controls to be implemented under the Long-Term Control Plan. Be sure to identify the year these items were completed and any remaining milestones dates not yet achieved.
1/1/23 - Post Construction Monitoring Report submitted
9/14/23 - Post Construction Monitoring Plan Approved by EPA/NYSDEC
11/1/23 - Gardenier Creek Backflow Valve installation completedSee attached list of CSO
11/1/24 - Deadline for SSO monitoring period
4/30/25 - Deadline to prepare alternative analysis to mitigate SSO's
10/1/27 - Deadline for submission of Engineering Plans and Specifications of selected alternative
4/1/28 - Deadline to start construction of selected alternative
12/31/28 - Deadline to complete construction of selected alternative

*Last 25% of sewer separation still in view, if selected alternative does not achieve goal

Post Construction Compliance Monitoring (PCCM)

What is the status of the PCCM Plan?
Approved

What is the status of the PCCM Sampling Program?
Previously Conducted

In what year was the latest PCCM Report submitted to DEC?
2023

Was the selected CSO Policy Approach Criteria achieved?
No

Was water quality found to be attained?
Inconclusive

Part II - CSO Outfall Information

CSO Outfall Information

Outfall Number	Latitude (Decimal)	Longitude (Decimal)	Receiving Water Name	Receiving Water Class	Number of Regulators Associated	Type of Regulator	Type of Treatment Provided	Number of Overflow Events - BASELINE	Number of Overflow Events - PREVIOUS YEAR	Number of Overflow Events - CURRENT YEAR	Annual CSO Volume (MG) - BASELINE	Annual CSO Volume (MG) - PREVIOUS YEAR	Annual CSO Volume (MG) - CURRENT YEAR	Measun Meth
002	43.461	76.512	Oswego River	B	1	Other: Holding Tank/Effluenbt Weir	Settling & Disinfection	32	6	6	44.6	9.38	29.1	Metered
003	43.458	76.510	Oswego River	B	1	Elevated Pipe	None	0	0	0	0	0	0	Metered

CORRECTION REQUEST *(CORRECTED)*
Please revise

The previous year and current year values have not been updated in the table. Please revise.
Created on 3/27/2024 11:15 AM by **Audra Rossignol**

Closed CSO Outfall Information

Outfall Number	Latitude (Decimal)	Longitude (Decimal)	Receiving Water Name	Receiving Water Class	Approximate Year Outfall Closed	Cause / Reason for Closure

CSO Outfall Explanation
CSO Outfall #003 consists of a chamber with an elevated pipe. The purpose of this unit is to provide for backup in the event that the line to the Excess Flow Management Facility (Outfall #002) becomes surcharged. The last event experiencing discharge was in 2017, prior to the completion of Phase 3 of Sewer Separation. This unit includes a flow monitoring device and is checked monthly by Wastewater Staff personnel.

Part III - Collection System Information

Baseline Information

If Baseline information is unknown, please use a best estimate, then characterize/describe in the narrative box below.

Baseline - Percentage (%) of combined sewers in the collection system owned by the permittee
33

Baseline - Approximate length (mi) of combined sewers owned by the permittee
15

Baseline - Number of CSO Outfalls owned by the permittee
15

Baseline - Number of CSO Events
32

Baseline - Annual CSO Volume discharged (MG)
44.6

Baseline - Population Served by the CSS
16,350

Baseline - Number of Satellite System Connections
2

Post-LTCP Implementation Information

If an LTCP has not yet been developed, or wasn't required, please input the current year information for each field.

Future - Percentage (%) of combined sewers in the collection system owned by the permittee
8

Future - Approximate length (mi) of combined sewers owned by the permittee
4

Future - Number of CSO Outfalls owned by the permittee
2

Future - Number of CSO Events
4

Future - Annual CSO Volume Discharged (MG)
5.0

Future - Population Served by the CSS
16,350

Future - Number of Satellite System Connections
4

Use the space below to provide any further relevant information on the collection system & to indicate if baseline information is unknown. This should include a description of any unique ownership, operation and maintenance agreements or further explanation and description of POSS/satellite system connections. For POTW's with POSS's, please indicate which municipality owns/operates which infrastructure (Pump Stations, trunk sewers, interceptors, regulators, outfall structures, etc.) as well as who is responsible for reporting CSO events from CSOs within the POSS and who is responsible for reporting SSOs within the POSS.
Baseline # of CSO Outfalls was the approximate number in place when the Westside WWTP was under construction in the 1970's. This number was drastically reduced by an interceptor sewer constructed during that period reducing the number to 2 in the early 80's.
The City of Oswego (CO) owns and operates the Combined Sanitary Collection System and relies upon the CO Wastewater Department and the Department of Public Works for maintaining the infrastructure of all its parts. The four satellite contributors [Town of Oswego, SUNY College at Oswego & Town of Minetto (2 sources)] own, operate & maintain collection systems discharging to the City of Oswego.
The WWTP' Chief Operator is responsible for reporting requirements.

Part IV - CSO Control Implementation Information

Reporting Year Information

Provide a summary of any significant LTCP or PCCM projects completed within the reporting year and any milestones for the reporting year that were not achieved.
1/1/23 - Post Construction Monitoring Report submitted
9/14/23 - Post Construction Monitoring Plan Approved by EPA/NYSDEC (see attached approval letter)
11/1/23 - Gardenier Creek Backflow Valve installation completed

Upcoming Year Information

Summarize significant LTCP and PCCM projects planned and milestones due for the upcoming year.
See attached EPA Letter:
11/1/24 - Deadline for SSO monitoring period
4/30/25 - Deadline to prepare alternative analysis to mitigate SSO's
10/1/27 - Deadline for submission of Engineering Plans and Specifications of selected alternative
4/1/28 - Deadline to start construction of selected alternative
12/31/28 - Deadline to complete construction of selected alternative

*Last 25% of sewer separation still in view, if selected alternative does not achieve goal

Part V - CSO Best Management Practices (BMPs)

Which CSO BMPs does your SPDES permit require?
1- CSO Maintenance / Inspection
3- Industrial Pretreatment
5- Wet Weather Operating Plan (WWOP)
7- Control of Floatables and Settleable Solids
9- Combined Sewer / Extension
11- Septage and Hauled Waste
13- Public Notification
14- Characterization and Monitoring
12- Control of Runoff
10- Connection Prohibitions
8- Combined Sewer System Replacement
6- Prohibition of Dry Weather Overflows
4- Maximize Flow to POTW
2- Maximize Use of the Collection System for Storage

BMP No. 1 CSO Maintenance Inspection

6 NYCRR 750-2.8(a)(2)
(EPA NMC No. 1: Proper Operation and Regular Maintenance)

Is there a written program for the maintenance and inspection of the CSS and CSOs?
Yes

What is the minimum frequency of dry-weather CSO inspections?
Other: WWTP Staff & CO DPW conduct separate inspections on their own schedules. For DPW work, see the attached activity log for 2023.

Are inspections of CSOs/regulators conducted during or following wet weather events?
Yes

Do the inspection reports indicate visual inspection observations, observed or presumed flows, weather conditions, equipment condition, and any repair work recommended?
Yes

Are the inspection reports submitted to the DEC Regional Office?
Yes, with Monthly Operating Reports

Indicate which of the following additional components are included in the maintenance and inspection program:
Pump Stations
CSO Controls (e.g. regulators, screening/storage/treatment facilities)
CSO Outfalls
Sewer Manholes & Catch Basins
Sewer Pipes & Interceptors

Are there existing inter-municipal agreements which specify responsibilities for inspection, maintenance, and/or repair?
Yes

IMA Listing - Please indicate the community name and year of last IMA update.

Community Name	Year of most recent IMA Update
SUNY Collegee at Oswego	2016
Oswego Town (Ontario Heights)	2022
Minetto Pond Meadows #1	2022
Minetto Pond Meadows #2	2001

Is the collection system mapped using GIS?
No, GIS mapping is planned in the next 5 years

Is the collection system monitored using a SCADA system or other flow monitoring system?
Yes, SCADA

In the past year, was progress made to install, upgrade, or expand monitoring with SCADA/Other system?
Yes

In the upcoming year, is installation, upgrade, or expansion of monitoring with SCADA/Other system planned?
Yes

Does the municipality have an asset management program that includes the collection system?
Yes, in place

Have any work efforts or problems in the past year resulted in changes in overflows? If yes, describe below in the narrative box.
No

In the past year, was the inspection and maintenance program mostly:
Proactive (focusing on preventative maintenance to avoid problems)?

Use the space below to provide a narrative description of the following:

a) Lengths of sewer cleaned and inspected,
b) Number of manholes and catch basins cleaned and inspected,
c) Any repairs or replacements conducted in the CSS,

The City Of Oswego Department of Public Works oversees this BMP, which is summarized in the Capacity Management Operations and Maintenance Program. Activities undertaken by the DPW during 2023, including the number of manholes and catch basins cleaned and inspected, as well as repairs and/or replacements, are outlined in the spreadsheet that was submitted with the Certification accompanying this submission. Upon checking with the DPW and the City's Engineering Office, the Westside Collection System is estimated to include approximately 54 miles of Storm and Sanitary conveyance lines. During 2023, approximately 14.5 miles oof the system was inspected and cleaned.

CORRECTION REQUEST *(CORRECTED)*
Please revise

This narrative is incomplete. Please contact the City's Department of Public Works and provide the following, a) Lengths of sewer cleaned and inspected, b) Number of manholes and catch basins cleaned and inspected, c) Any repairs or replacements conducted in the CSS.
Created on 3/27/2024 11:38 AM by **Audra Rossignol**

Use the space below to describe any large equipment purchases made in the reporting year or planned for the upcoming year (e.g. vacuum trucks, pumps, etc.) , as well as, any work efforts or problems in the past year that resulted in changes to the collection system maintenance and inspection program, and any noticeable results of the system changes (e.g. fewer events, less CSO volume, a reduction in floatables or other pollutants discharges, visible improvement in water quality of receiving water).
2023 - During the year,m the City purchased a new Dump Truck, a Front-End Loader and 2 Fish grinding pumps for the City's 2 Fish Cleaning Stations.

2024 - Nothing planned at this point.

BMP No. 2 Maximize Use of the Collection System for Storage

6 NYCRR 750-2.7(f), 750-2.8(a)(2), 750-2.8(a)(5)
(EPA NMC No. 2: Maximization of Storage in the Collection System)

In the past year, was the collection system able to convey the required minimum flows to the treatment plant during ALL wet-weather events?
Yes

Has the hydraulic capacity of the collection system been evaluated?
No

Have regulators and weirs ever been adjusted/modified to maximize storage?
Yes

In the past year, or the upcoming year, indicate if any of the following items have been changed or if changes are planned to improve use of the collection system for storage? If so, describe below in the narrative box.
Sewer Cleaning and Sediment Removal
Removal of System Bottlenecks
In-Line Storage
Regulator or Weir Adjustment

Use the space below to provide a narrative description of the changes to structures or procedures that will improve use of the collection system for storage (e.g. tide gate maintenance/repairs/replacement, regulator or weir adjustment, FOG program changes, removal of bottlenecks/flow obstructions, sewer cleaning and sediment removal, in-line storage, etc.).

At present, there are no changes planned for improved use of the collection system. However, discussions have begun on addressing a section of the Sanitary System that is being impacted during severe wet-weather events.

BMP No. 3 Industrial Pretreatment

6 NYCRR 750-2.7(f) and 2.9(a)(4)
(EPA NMC No. 3 & 7: Review and Modification of Pretreatment Requirements & Pollution Prevention Programs to Reduce Contaminants in CSOs)

Is there an approved pretreatment or mini-pretreatment program or acceptance of flow from non-domestic sources?
Yes, IPP or Mini-IPP

Is there an inventory of industrial or non-domestic dischargers?
Yes

Has the impact on CSOs from non-domestic users that discharge toxic pollutants been evaluated, and steps taken to minimize such impacts?
No

Does the pretreatment program consider CSOs in the calculation of local limits?
No

Are there any restrictions on industrial user discharges to the collection system during wet-weather events?
Yes

Are there any industrial discharges that could reach CSO outfalls?
No

Do any industrial users have a holding tank or equalization tank to store wastewater prior to discharge to the CSS?
Yes

In the past year or in the upcoming year, have there been or will there be negotiations or changes to agreements with industrial dischargers, which will potentially reduce impacts during CSO events? Describe these changes below in the narrative box.
No

Use the space below to provide a narrative description of industrial discharges to the collection system, any restrictions on industrial discharges during wet-weather events, and any agreements that will potentially reduce impacts during CSO events.

There are three significant industrial users, which discharge into the Westside Collection System: SUNY College at Oswego, the City of Oswego (CO) Water Department (Filter backwash water) and Oswego County (trucked-in Leachate). Prior to hauling, Oswego County contains its leachate in two 1 MG tanks. The County is prohibited from discharging wastewater during wet-weather events, which are likely to result in SSO or CSO discharges. As part of the Wastewater Department's Wet Weather Operating Plan, the County is notified by phone to inform them of discharge prohibition and time of resuming normal discharges. Wet-weather discharges also apply to the CO Water Treatment Plant.

BMP No. 4 Maximize Flow to POTW

6 NYCRR 750-2.7(f), 2.8(a)(2), and 2.8(a)(5)
(EPA NMC No. 4: Maximization of Flow to the POTW for Treatment)

What is the permit required minimum flow during wet weather events through the headworks (in MGD)?
8.00

What is the permit required minimum flow during wet weather events through primary treatment (in MGD)?
8.00

What is the permit required minimum flow during wet weather events through secondary treatment (in MGD)?
6.00

What is the permit required minimum flow during wet weather events through disinfection (in MGD)?
8.00

In the past year, were the headworks, primary treatment works and disinfection works able to pass the flows specified in the permit for all wet weather flows?
Yes

In the past year, was the secondary treatment works able to pass the flows specified in the permit for all wet weather flows?
Yes

In the past year or in the upcoming year, have there been or will there be any physical modifications to the collection system which have allowed more flow to reach the POTW? If yes, describe below in the narrative box.
No

Are there areas of the collection system, including pump stations that need additional study to evaluate capacity, condition, or to determine if illegal connections (i.e. inflow) exist? If yes, list below in the narrative box
No

In the past year, have any new problem areas been identified that restrict flow to the plant? If yes, list the locations below in the narrative box.
No

Use the space below to provide a narrative description of:

a) any physical modifications to the collection system which are completed or anticipated and will allow for more flow to reach the WWTP,
b) any areas of the collection system which need additional study to evaluate capacity or inflow issues,
c) any known problem areas that restrict flow to the WWTP, and
d) any plans to address hydraulic restrictions (e.g. pipe replacement, construction of relief sewer or overflow tanks, pump station improvements, weir adjustment, smoke/dye testing to identify illicit connections).

As mentioned previously, there is present investigation of a small section of the Sanitary System that is affected with additional flow during significant wet-weather events. Additional studies and/or modifications to the system will be determined upon completion of the initial investigation.
Renewal of the SPDES Permit is currently underway and will include new minimum flow designations for Headworks, Primary, Secondary and Chlorinated Effluent processes, as well as new design flow for the facility.

BMP No. 5 Wet Weather Operating Plan

6 NYCRR 750-2.8(a)
(EPA NMC: None)

Does the plan identify the maximum flows through preliminary, primary, secondary treatment, tertiary, and disinfection units?
Yes

In the past year, did treatment of wet weather flows cause any effluent violations or destabilize treatment upon return to normal service? If yes, describe below in the narrative box.
Yes

If the collection system or plant has been modified or upgraded, has the WWOP been modified to reflect new flow rates or new procedures and the revised plan submitted to the NYSDEC Regional Office?
No, updated not submitted

In the upcoming year, are changes to the WWOP expected? If so, describe below in the narrative box.
No

When was the WWOP last updated?
2023

When was the WWOP last submitted and approved by NYSDEC?
2022

Use the space below to provide a narrative description of any changes to the WWOP during the reporting year or anticipated in the upcoming year.

The WWOP is presently being reviewed for amending to include the operation of a gate valve, which was installed as part of the PCMP, however, the revision requires that actual operation during wet weather events be part of this process. Since the gate installation, we have only had one event that required gate monitoring, which is insufficient to establish an Operating Procedure. This valve prevents Gardenier Creek backflow into the headworks, as well as preventing SSO's from occurring prior to design wet weather flow (12 mgd) being received into the headworks. Final concrete pouring to finish the project was completed on January 30, 2024. A copy of the updated WWOP will be forwarded at the time of its completion.

CORRECTION REQUEST *(CORRECTED)*
WWOP

Please send an updated copy of the WWOP to CSOMail@dec.ny.gov for the Department's records.
Created on 3/27/2024 12:47 PM by **Audra Rossignol**

1 COMMENT
John McGrath (labmanager@oswegony.org) (4/29/2024 8:22 AM)
Summary updated.

BMP No. 6 Prohibition of Dry Weather Overflows

6 NYCRR 750-2.7 and 2.8(b)(2)
(EPA NMC No. 5: Elimination of CSOs During Dry Weather)

In the past year, were there any dry weather overflows?
No

BMP No. 7 Control of Floatables and Settleable Solids

6 NYCRR 750-2.8(a)(4)
(EPA NMC No. 6: Control of Solid and Floatable Materials in CSOs)

In the past year, did any outfalls discharge floating solids, oil and grease, or solids of sewage origin?
No

Indicate which of the following engineering controls or control measures, if any, have been implemented or will be implemented in the upcoming year?
Source controls (street cleaning, public education, household hazardous waste collection, solid waste collection, recycling, and/or composting of lawn/leaf/roadkill deer)

Use the space below to provide a narrative description of any ongoing issues with control of floatables and settleable solids from CSO outfalls and any existing or planned engineering controls or control measure to be implemented.

None

BMP No. 8 Combined Sewer System Replacement

6 NYCRR 750-2.10(i)
(EPA NMC: None)

In the past year, were any combined sewers designed or constructed that were not approved by NYSDEC?
No

Are there any plans or current projects to separate combined sewers into sanitary & storm sewers?
No

Were any cross-connections eliminated in the past year or planned for the upcoming year?
Yes

In the past year, how many miles of combined sewer were separated?
0.00

In the upcoming year, how many miles of combined sewer are scheduled to be separated?
0.00

Use the space below to provide a narrative description of how this BMP was implemented during the reporting year.

Street Cleaning & composting are ongoing events that are overseen by the City of Oswego DPW. Oswego County sponsors several solid & hazardous waste programs during the year, as well as providing a recycling facility that is open 4 days/week.

During 2023, a sanitary discharge lateral from a local business was discovered entering Gardenier Creek. The business was notified of the matter by the City Engineer's Office and placed on a compliance schedule to redirect the waste to the Sanitary Sewer.

BMP No. 9 Combined Sewer / Extension

6 NYCRR 750-2.10(i)
(EPA NMC: None)

In the past year, were any combined sewers extended?
No

Is any development planned upstream of a combined sewer in the near future?
Yes

Has a sewer extension plan been submitted to NYSDEC for review and approval?
No

If a plan contained a flow credit requiring removal of I/I, what was the requirement or ratio?
5:1

Use the space below to provide a narrative description of how this BMP was implemented during the reporting year.

The City received a request for a Permit to add a Craft Brewery within the premises of an existing bar/restaurant. This business is located just south of the EFMF Outfall #002. An application was forwarded to and completed by the business, but the Permit has not been granted as of this writing. Given its location, the Permit will include discharge prohibitions during wet-weather events for their batch discharges.

BMP No. 10 Connection Prohibitions

6 NYCRR750-2.9(a)(5)
(EPA NMC: None)

Are new connections prohibited by NYSDEC?
No

In the upcoming year, is any work planned to either increase capacity or reduce hydraulic loading to the WWTP? If so, describe below in the narrative box.
Yes

Use the space below to provide a narrative description of how this BMP was implemented during the reporting year.

Secondary Tank upgrade in the planning stage. Received Engineering Planning grant. A visit from the Engineering Company that will be working on this upgrade is scheduled for January 30, 2024.

BMP No. 11 Septage and Hauled Waste

6 NYCRR750-2.7(f) and 2.8(a)(1)
(EPA NMC: None)

Does the POTW accept septage or hauled waste?
Yes

In the past year, were there any discharges or releases of septage or hauled waste INTO the collection system upstream of a CSO?
No

Are there restrictions on when the POTW accepts hauled waste or septage?
Yes

Is there a dedicated location to discharge septage at the WWTP?
Yes

Does the facility have authorization from NYSDEC to accept hauled waste or septage at a location other than the WWTP?
Yes

Are any of these locations upstream of a CSO outfall?
No

Have there been, or will there be, any changes to the POTW's policy on septage and hauled waste?
No

Use the space below to provide a narrative description of how septage and hauled waste are received by the POTW, where remote acceptance locations are, any POTW restrictions on when these wastes can be received, and the total volume of these wastes received at remote locations during the reporting year.

All hauled waste (2 haulers: Oswego County (leachate), Sun Env. & Streamline Env. (apple processing wastewater) is received at our EFMF/Pumping Station within an approved containment area and is pumped through a force main to the Main Facility. Although the EFMF has a CSO, hauled wastes are prohibited during wet-weather events. Total gallons of hauled waste discharged for 2023 was 13,290,000 gallons.

CORRECTION REQUEST *(CORRECTED)*
Please clarify

Please clarify if 13,290,000 gallons of hauled waste was discharged at the EFMF or if the narrative was meant to state that 13,290,000 gallons was collected at the EFMF.
Created on 3/27/2024 1:00 PM by **Audra Rossignol**

BMP No. 12 Control of Runoff

6 NYCRR750- 2.1(e)
(EPA NMC: None)

Is sediment in runoff from construction zones entering catch basins in the combined sewer system?
No

Are impacts of run-off, from development and re-development in areas served by combined sewers, reduced by requiring compliance with the New York Standards for Erosion and Sediment Control and the quantity control requirements included in the New York State Stormwater Management Design Manual?
Yes

Is there adequate communication between the local municipal department that enforces local stormwater codes and ordinances and the collection system staff regarding stormwater runoff?
Yes

Do the municipalities within the combined sewer system have adequate storm water pollution prevention programs to reduce pollutants in stormwater?
Yes

Are any changes needed in the implementation of this BMP to reduce the number of CSO events, the volume discharged, or pollutants in the discharge? If yes, describe below in the narrative box.
No

Use the space below to provide a narrative description of how this BMP was implemented during the reporting year and any planned changes for the upcoming year.

All construction projects ensuing within the City of Oswego with potential impact on stormwater catch basins are approved through the City of Oswego Engineer's office. All State required protocols are followed. The City of Oswego Wastewater Department has an approved SWPPP in place and active.

BMP No. 13 Public Notification

6 NYCRR 750-1.12
(EPA NMC No. 8: Public Notification)

In accordance with the Discharge Notification Act Requirements of the SPDES permit, outfall identification signs must be installed and maintained at all permitted CSO outfalls. Are these signs installed and maintained at all permitted CSO outfalls?
Yes

Are all CSO events in accordance with the SPDES permit reported via NY-Alert?
Yes

In accordance with the Sewage Pollution Right to Know Law, as detailed in 6 NYCRR Part 750-2.7, all CSO discharge events must be reported via the NY-Alert electronic notification system.

CSO events not in accordance with the SPDES permit conditions should be reported as a bypass via NY-Alert. When these events occur, are they being reported via NY-Alert?
Yes

Beyond the use of NY-Alert, does the POTW maintain any other public notification systems (e.g. websites, social media, email systems, public media broadcasts) to alert potential users of receiving waters affected by CSOs?
Yes

For all CSOs to receiving waters that are Class B or higher, a written public notification program (PNP) is required to be developed, implemented, and publicly available to inform citizens of the location and occurrence of CSO events. Is there a written PNP?
Yes

For all CSO communities within the Great Lakes Basin, a written PNP is required. Is your community within the Great Lakes Basin?
Yes

For communities with a PNP, when was the PNP last updated?
2023

Use the space below to provide a narrative description of how any updates to CSO outfall signs and PNPs, as well as a summary of any other public notification systems (beyond NY-Alert) used to alert the public of CSO events.

The two CSO Outfall signs are checked regularly during the year. Thus far, they continue to be in excellent condition and not needing any repair or replacement. The City of Oswego maintains a website, which includes notification to the public, when necessary.

BMP No. 14 Characterization and Monitoring

(6 NYCRR 750-1.11(a), 2.5(a) and 2.7(g))
(EPA NMC No. 9: Monitoring to Characterize CSO Impacts and the Efficacy of CSO Controls)

Has the combined sewer system been modeled for use in determining or estimating the frequency of overflows and identifying CSO impacts?
Yes

Was baseline sampling conducted as part of LTCP development?
Yes

Was any Post Construction Compliance Monitoring (PCCM) sampling conducted in the reporting year or planned for the upcoming year?
No

In what years does the SPDES permit, Order on Consent, or other enforcement mechanism require PCCM sampling to be conducted?
2022

CSO discharge monitoring methods should be specified for each CSO outfall in Part II of this Annual Report. For all CSO outfalls that are not metered, explain how overflow volumes are either modeled or estimated to collect sufficient data and document permit compliance and the success of CSO BMP implementation. In addition, please provide a brief summary of the findings from the most recently submitted PCCM Report (including compliance with the selected CSO Policy Approach criteria and attainment of water quality standards).

This recent PCCM Report "demonstrates that the Oswego River (receiving water) is in compliance with water quality standards for fecal coliform, pH, trash, and TSS. CSO discharges do not have a measurable impact on the river in terms of pH, trash and TSS, whereas non-disinfected CSO discharges cause elevated levels of fecal coliform in the river." (Post Construction Monitoring Report December 22, 2022) See attached EPA Letter for more information.

Owner/Operator Certification

Owner/Operator Certification Form Download

Download the certification form by clicking the link below. Complete, sign, scan, and upload the form.
Owner Operator Certification Form (PDF)

Upload Owner/Operator Certification Form
BMP Signed Cert and attachments West.pdf - 01/29/2024 04:37 PM
Comment
NONE PROVIDED

Attachments

Date	Attachment Name	Context	User
1/29/2024 4:37 PM	BMP Signed Cert and attachments West.pdf	Attachment	John McGrath

Status History

	User	Processing Status
4/3/2024 1:27:17 PM	John McGrath	Draft
5/6/2024 5:21:35 PM	John McGrath	Submitted
5/6/2024 5:21:36 PM	John McGrath	Deemed Complete

Processing Steps

Step Name	Assigned To/Completed By	Date Completed
Form Submitted	John McGrath	5/6/2024 5:21:35 PM

Revisions

Revision	Revision Date	Revision By
Revision 1	1/20/2024 10:58 AM	John McGrath
Revision 2	4/3/2024 1:27 PM	John McGrath

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Water
625 Broadway, Albany, New York 12233-3500
P: (518) 402-8233 | F: (518) 402-9029
www.dec.ny.gov

Westside WWTP - NY0029106

NYSDEC State Pollution Discharge Elimination System (SPDES)
Combined Sewer Overflow Best Management Practices Annual Report

OWNER/OPERATOR CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly 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.

Robert A.Corradino, Mayor	Robt A. Corradino	1/29/24
Name (please print or type)	Signature	Date

CITY OF OSWEGO WASTEWATER DEPARTMENT
ROBERT A. CORRADINO, MAYOR

WESTSIDE:
2 FIRST AVENUE
OSWEGO NY 13126
PHONE: (315) 342-3777
FAX: (315) 342-8233

EASTSIDE:
71 MERCER STREET
OSWEGO, NY 13126
PHONE: (315) 342-2500
FAX: (315) 342-8233

2023 CSO/BMP Annual Report
City of Oswego Eastside Wastewater Treatment Plant

Table of Contents

Table of Contents 1
Combined Sewer Overflow (CSO) Annual Report 2
(Submission #: HQ1-0E52-TGT0M, version 2) 2
Details 2
Form Input 2
Permit Information 2
Part I - CSO LTCP Information 2
Part II - CSO Outfall Information 3
Part III - Collection System Information 4
Part IV - CSO Control Implementation Information 4
Part V - CSO Best Management Practices (BMPs) 4
Owner/Operator Certification 9
Attachments 9
Status History 9
Processing Steps 9
Revisions 9

Combined Sewer Overflow (CSO) Annual Report

version 1.10

(Submission #: HQ1-0E52-TGT0M, version 2)

Details

Submitted	5/7/2024 (3 days ago) by John McGrath
Alternate Identifier	NY0029114
Submission ID	HQ1-0E52-TGT0M
Status	Deemed Complete

Form Input

Permit Information

SPDES Number
NY0029114

DEC Region
7

Permittee Name
City of Oswego

Facility Name
Eastside Wastewater Treatment Facility

Official Name
Mayor Robert A. Corradino

Official Title
Mayor

Official's Phone Number
315-342-3777

Official's Email Address
mayor@oswegony.org

CSO Program Manager Name
Daniel R. Ramer

CSO Program Manager Title
Chief Operator Eastside Wastewater Treatment Facility

CSO Program Manager Phone Number
315-342-3777

CSO Program Manager Email
dramer@camdengroupusa.com

Part I - CSO LTCP Information

GENERAL CSO PROGRAM INFORMATION

Use the following questions to provide current general information on the CSO Program

Number of CSO Outfalls in the permittee owned system
1

Number of CSO Events Occurring in Reporting Year
4

CORRECTION REQUEST *(CORRECTED)*
Please confirm

This value differs from the CSO Outfall Information table. Please review the facility's records and confirm the number of CSO events in 2023.
Created on 3/29/2024 9:07 AM by **Audra Rossignol**

Total Volume of CSO Discharged in Reporting Year (MG)
2,750,250.00

CORRECTION REQUEST *(CORRECTED)*
Please confirm

This value differs from the CSO Outfall Information table. Please review the facility's records and confirm the CSO volume discharged in 2023.
Created on 3/28/2024 2:53 PM by **Audra Rossignol**

Percentage of Collection System, owned by the permittee, that is combined (%)
8

Approximate length (mi) of combined sewers in permittee-owned system
12.15

Population served by the permittee-owned system
9,000

Number of Publicly-Owned Sewer Systems (POSS) to the permittee-owned system
1

Number of Publicly-Owned Sewer Systems (POSS) to the Combined Sewer System
0

Number of Significant Industrial Users (SIU) connected to the CSS
4

CORRECTION REQUEST *(CORRECTED)*
Please confirm

BMP No. 3 lists 5 SIUs. Please confirm the number of SIUs and revise as needed.
Created on 4/3/2024 9:17 AM by Audra Rossignol

Number of other, non-POSS satellite system connections
0

Long Term Control Plan (LTCP) Information

Was an LTCP Required?
Yes

Year the LTCP was Submitted
2002

What is the LTCP Approval Status?
Approved

What was/is the LTCP selected approach and/or criterion?
Presumptive (85% Capture)

Is the LTCP Implementation completed?
Yes

Provide a brief list of all the recommendations and CSO controls to be implemented under the Long-Term Control Plan. Be sure to identify the year these items were completed and any remaining milestones dates not yet achieved.
All recommendations & CSO controls cited in the Long Term Control Plan have been implemented and were completed prior to 2020. Specific dates are unavailable, at this time. However, the following improvements were designed to meet all of the requirements of the LTCP: 1. Replacement of 1500 LF of 15" gravity sewer with 24" pipe. 2. Upgrade the primary wastewater pump station with larger variable speed pumps & influent grinder, new electrical system with an Emergency Generator. 3. Replacement of sections in the main Interceptor @ the ES WWTP that have hydraulic restrictions. 4. Upgrade current CSO Overflow Retention Facility Outfall #002. 5. Replace the WWTP Influent Bar Screens with mechanical Screens. All milestones completed.

Post Construction Compliance Monitoring (PCCM)

What is the status of the PCCM Plan?
Submitted

What is the status of the PCCM Sampling Program?
Previously Conducted

In what year was the latest PCCM Report submitted to DEC?
2017

Was the selected CSO Policy Approach Criteria achieved?
Yes

Was water quality found to be attained?
Yes

Part II - CSO Outfall Information

CSO Outfall Information

Outfall Number	Latitude (Decimal)	Longitude (Decimal)	Receiving Water Name	Receiving Water Class	Number of Regulators Associated	Type of Regulator	Type of Treatment Provided	Number of Overflow Events - BASELINE	Number of Overflow Events - PREVIOUS YEAR	Number of Overflow Events - CURRENT YEAR	Annual CSO Volume (MG) - BASELINE	Annual CSO Volume (MG) - PREVIOUS YEAR	Annual CSO Volume (MG) - CURRENT YEAR	Measurem Method
002	43.469	76.501	Lake Ontario	A	1	Fixed Weir	Settling & Disinfection	10	3	5	3.60	2.48	5.07	Metered

CORRECTION REQUEST *(CORRECTED)*
Please confirm

The baseline information in Part III -Collection System Information: Baseline Information differs from the baseline values in the table. Please review both sections and revise as needed.
Created on 3/28/2024 3:20 PM by Audra Rossignol

CORRECTION REQUEST *(CORRECTED)*
Please update

The CSO Outfall Information table has not been updated. Please review the facility's CSO discharge information and update the previous and current year columns.
Created on 3/28/2024 3:03 PM by Audra Rossignol

Closed CSO Outfall Information

Outfall Number	Latitude (Decimal)	Longitude (Decimal)	Receiving Water Name	Receiving Water Class	Approximate Year Outfall Closed	Cause / Reason for Closure
003	43.454	76.508	Oswego iver	B	2006	Physically Removed
004	43.471	76.503	Lake Ontario	A	2003	Sewer Separation
005	43.460	76.511	Oswego River	B	2003	Sewer Separation
006	43.459	76.509	Oswego River	B	2019	Other: Emergency Outlet should Pumping Station experience catastrophic failure.
007	43.460	76.509	Oswego River	B	2003	Sewer Separation

CSO Outfall Explanation
CSO Outfall #002 is the outlet for a Combined Stormwater Treatment Detention Basin.
CSO Outfall closure dates for 003, 004, 005 & 007 are estimated & based upon SPDES Permit #0029114 information and Sewer Separation activities.
CSO Outfall #006 is still open, but inactive due to the expansion of the Pumping Station. It serves as an emergency outlet in case of a catastrophic failure at the Pumping Station.

Part III - Collection System Information

Baseline Information

If Baseline information is unknown, please use a best estimate, then characterize/describe in the narrative box below.

Baseline - Percentage (%) of combined sewers in the collection system owned by the permittee
40

Baseline - Approximate length (mi) of combined sewers owned by the permittee
25

Baseline - Number of CSO Outfalls owned by the permittee
6

Baseline - Number of CSO Events
17

CORRECTION REQUEST *(CORRECTED)*
Please confirm

This value differs from the baseline number of CSO events in the table. Please review both sections and revise as needed.
Created on 3/28/2024 3:22 PM by **Audra Rossignol**

Baseline - Annual CSO Volume discharged (MG)
10,000,000

CORRECTION REQUEST *(CORRECTED)*
Please confirm

This value differs from the baseline annual CSO volume in the table. Please review both sections and revise as needed.
Created on 3/28/2024 3:22 PM by **Audra Rossignol**

Baseline - Population Served by the CSS
9,000

Baseline - Number of Satellite System Connections
1

Post-LTCP Implementation Information

If an LTCP has not yet been developed, or wasn't required, please input the current year information for each field.

Future - Percentage (%) of combined sewers in the collection system owned by the permittee
8

Future - Approximate length (mi) of combined sewers owned by the permittee
12.15

Future - Number of CSO Outfalls owned by the permittee
1

Future - Number of CSO Events
4

Future - Annual CSO Volume Discharged (MG)
4.8

Future - Population Served by the CSS
9,000

Future - Number of Satellite System Connections
1

Use the space below to provide any further relevant information on the collection system & to indicate if baseline information is unknown. This should include a description of any unique ownership, operation and maintenance agreements or further explanation and description of POSS/satellite system connections. For POTW's with POSS's, please indicate which municipality owns/operates which infrastructure (Pump Stations, trunk sewers, interceptors, regulators, outfall structures, etc.) as well as who is responsible for reporting CSO events from CSOs within the POSS and who is responsible for reporting SSOs within the POSS.
The baseline information regarding % of combined sewer system and length of combined sewer is an estimate. The Eastside WW Treatment system receives wastewater from 1 POSS, which is owned, operated and maintained by the Town of Scriba, including pumping stations. There are no CSO's involved with this POSS.

Part IV - CSO Control Implementation Information

Reporting Year Information

Provide a summary of any significant LTCP or PCCM projects completed within the reporting year and any milestones for the reporting year that were not achieved.
The modifications to the Detention Basin sited in the 2022 Report included 4 separate phases in the scope of the work. The final phase , being the weir height increase , was completed in 2023, as scheduled. This modification allows for additional capture of combined storm water during wet weather events leading to less discharge from Permitted Outfall #002.

CORRECTION REQUEST *(CORRECTED)*
Please confirm

Last years' Annual Report noted the completion of the weir height for the detention basin involving two channel walls would be completed in 2023. Please provide an update on this project.
Created on 3/29/2024 11:25 AM by **Audra Rossignol**

Upcoming Year Information

Summarize significant LTCP and PCCM projects planned and milestones due for the upcoming year.
None

Part V - CSO Best Management Practices (BMPs)

Which CSO BMPs does your SPDES permit require?
1- CSO Maintenance / Inspection
3- Industrial Pretreatment
5- Wet Weather Operating Plan (WWOP)
7- Control of Floatables and Settleable Solids
11- Septage and Hauled Waste
13- Public Notification
9- Combined Sewer / Extension
2- Maximize Use of the Collection System for Storage
4- Maximize Flow to POTW
6- Prohibition of Dry Weather Overflows
8- Combined Sewer System Replacement
10- Connection Prohibitions
12- Control of Runoff
14- Characterization and Monitoring

BMP No. 1 CSO Maintenance Inspection

6 NYCRR 750-2.8(a)(2)
(EPA NMC No. 1: Proper Operation and Regular Maintenance)

Is there a written program for the maintenance and inspection of the CSS and CSOs?
Yes

What is the minimum frequency of dry-weather CSO inspections?
Weekly

Are inspections of CSOs/regulators conducted during or following wet weather events?
Yes

Do the inspection reports indicate visual inspection observations, observed or presumed flows, weather conditions, equipment condition, and any repair work recommended?
Yes

Are the inspection reports submitted to the DEC Regional Office?
Yes, with Monthly Operating Reports

Indicate which of the following additional components are included in the maintenance and inspection program:
Pump Stations
CSO Controls (e.g. regulators, screening/storage/treatment facilities)
CSO Outfalls
Sewer Manholes & Catch Basins
Sewer Pipes & Interceptors

Are there existing inter-municipal agreements which specify responsibilities for inspection, maintenance, and/or repair?
Yes

IMA Listing - Please indicate the community name and year of last IMA update.

Community Name	Year of most recent IMA Update
Town of Scriba	2021
Town of Scriba (Novelis Inc.)	2017
Twn of Scriba (Champ. Commons)	2018

Is the collection system mapped using GIS?
Other: Planned but not begun, at present. It is hoped that within the next 5-10 years that the collection system will be mapped with GIS.

Is the collection system monitored using a SCADA system or other flow monitoring system?
Yes, SCADA

In the past year, was progress made to install, upgrade, or expand monitoring with SCADA/Other system?
Yes

In the upcoming year, is installation, upgrade, or expansion of monitoring with SCADA/Other system planned?
Yes

Does the municipality have an asset management program that includes the collection system?
Yes, in place

Have any work efforts or problems in the past year resulted in changes in overflows? If yes, describe below in the narrative box.
No

In the past year, was the inspection and maintenance program mostly:
Proactive (focusing on preventative maintenance to avoid problems)?

Use the space below to provide a narrative description of the following:

a) Lengths of sewer cleaned and inspected,
b) Number of manholes and catch basins cleaned and inspected,
c) Any repairs or replacements conducted in the CSS,

The CSO maintenance and inspection program is a joint effort between the Wastewater Staff & the City of Oswego DPW. 25% of Sanitary, Storm & combined cleaned each year. This work is conducted by the City of Oswego DPW & is in accordance with their own written Standard Operating Procedures. The Eastside Collection System includes an estimated 44 miles of Sanitary and Storm water conveyance lines. During 2023, approximately 11 miles of the conveyance system was inspected and cleaned. A detailed inventory of this work can be found in the attached spreadsheet, which accompanied the Certification attached to this report.

CORRECTION REQUEST *(CORRECTED)*
Please confirm

This narrative is incomplete. Please contact the City's Department of Public Works and provide the following, b) Number of manholes and catch basins cleaned and inspected, c) Any repairs or replacements conducted in the CSS.
Created on 3/29/2024 12:26 PM by **Audra Rossignol**

Use the space below to describe any large equipment purchases made in the reporting year or planned for the upcoming year (e.g. vacuum trucks, pumps, etc.) , as well as, any work efforts or problems in the past year that resulted in changes to the collection system maintenance and inspection program, and any noticeable results of the system changes (e.g. fewer events, less CSO volume, a reduction in floatables or other pollutants discharges, visible improvement in water quality of receiving water).
New pumps were purchased & installed in the Town of Scriba Pumping Station, There were also purchases of a new Dump Truck and Front End Loader, both of which are used in CSO Upkeep duties.

BMP No. 2 Maximize Use of the Collection System for Storage

6 NYCRR 750-2.7(f), 750-2.8(a)(2), 750-2.8(a)(5)
(EPA NMC No. 2: Maximization of Storage in the Collection System)

In the past year, was the collection system able to convey the required minimum flows to the treatment plant during ALL wet-weather events?
Yes

Has the hydraulic capacity of the collection system been evaluated?
Yes

When was the hydraulic capacity last evaluated?
2002

Have regulators and weirs ever been adjusted/modified to maximize storage?
Yes

In the past year, or the upcoming year, indicate if any of the following items have been changed or if changes are planned to improve use of the collection system for storage? If so, describe below in the narrative box.
Removal of System Bottlenecks
Removal of Flow Obstructions
In-Line Storage
Sewer Cleaning and Sediment Removal

Use the space below to provide a narrative description of the changes to structures or procedures that will improve use of the collection system for storage (e.g. tide gate maintenance/repairs/replacement, regulator or weir adjustment, FOG program changes, removal of bottlenecks/flow obstructions, sewer cleaning and sediment removal, in-line storage, etc.).

25% of Sanitary, Storm & combined cleaned each year
See attached DPW Activities Log

BMP No. 3 Industrial Pretreatment

6 NYCRR 750-2.7(f) and 2.9(a)(4)
(EPA NMC No. 3 & 7: Review and Modification of Pretreatment Requirements & Pollution Prevention Programs to Reduce Contaminants in CSOs)

Is there an approved pretreatment or mini-pretreatment program or acceptance of flow from non-domestic sources?
Yes, IPP or Mini-IPP

Is there an inventory of industrial or non-domestic dischargers?
Yes

Has the impact on CSOs from non-domestic users that discharge toxic pollutants been evaluated, and steps taken to minimize such impacts?
Yes

Does the pretreatment program consider CSOs in the calculation of local limits?
No

Are there any restrictions on industrial user discharges to the collection system during wet-weather events?
Yes

Are there any industrial discharges that could reach CSO outfalls?
No

Do any industrial users have a holding tank or equalization tank to store wastewater prior to discharge to the CSS?
Yes

In the past year or in the upcoming year, have there been or will there be negotiations or changes to agreements with industrial dischargers, which will potentially reduce impacts during CSO events? Describe these changes below in the narrative box.
No

Use the space below to provide a narrative description of industrial discharges to the collection system, any restrictions on industrial discharges during wet-weather events, and any agreements that will potentially reduce impacts during CSO events.

There are 4 SIU's that discharge wastewater into the Eastside collection system. Two of these users are Categorical, Indeck Energy (Steam/Electric)-intermittent flow and Novelis Inc (Aluminum Forming)-constant discharge. PAS, an EPA remediation site discharges leachate once/month (10-20k gal) during dry weather conditions. The remaining user hauls their waste, Oswego County (leachate). The hauled waste discharge takes place at the Eastside Facility within an approved containment area. Discharges are prohibited during wet-weather conditions.

CORRECTION REQUEST *(CORRECTED)*
Please confirm

Part I lists 4 SIUs. Please confirm the number of SIUs and revise as needed.
Created on 4/3/2024 9:17 AM by **Audra Rossignol**

BMP No. 4 Maximize Flow to POTW

6 NYCRR 750-2.7(f), 2.8(a)(2), and 2.8(a)(5)
(EPA NMC No. 4: Maximization of Flow to the POTW for Treatment)

What is the permit required minimum flow during wet weather events through the headworks (in MGD)?
7.38

What is the permit required minimum flow during wet weather events through primary treatment (in MGD)?
7.38

What is the permit required minimum flow during wet weather events through secondary treatment (in MGD)?
7.38

What is the permit required minimum flow during wet weather events through disinfection (in MGD)?
7.38

In the past year, were the headworks, primary treatment works and disinfection works able to pass the flows specified in the permit for all wet weather flows?
No

In the past year, was the secondary treatment works able to pass the flows specified in the permit for all wet weather flows?
No

If the minimum flows were not achieved for all wet-weather events in the reporting year, has a plan to accomplish this been developed and submitted to the Department?
No

In the past year or in the upcoming year, have there been or will there be any physical modifications to the collection system which have allowed more flow to reach the POTW? If yes, describe below in the narrative box.
No

Are there areas of the collection system, including pump stations that need additional study to evaluate capacity, condition, or to determine if illegal connections (i.e. inflow) exist? If yes, list below in the narrative box
No

In the past year, have any new problem areas been identified that restrict flow to the plant? If yes, list the locations below in the narrative box.
No

Use the space below to provide a narrative description of:

a) any physical modifications to the collection system which are completed or anticipated and will allow for more flow to reach the WWTP,
b) any areas of the collection system which need additional study to evaluate capacity or inflow issues,
c) any known problem areas that restrict flow to the WWTP, and
d) any plans to address hydraulic restrictions (e.g. pipe replacement, construction of relief sewer or overflow tanks, pump station improvements, weir adjustment, smoke/dye testing to identify illicit connections).

When the Eastside WWTP was expanded in the 1990's, its designed flow increased to 5.35 mgd, with a peak flow rate of 7.38 mgd. However, both of these increases were based on the two existing influent lines entering the facility, 1 for Domestic and the 2nd, a dedicated line from International Paper Company. When International Paper Company ceased operations in 2002, their line was closed & flow is no longer conveyed through that line. Consequently, the remaining Domestic headworks can only receive approximately 6.5 mgd during wet-weather events. Although no formal design plan has been drafted, there are current discussions underway on how to attain the 7.38 mgd peak flow rate into the facility.

BMP No. 5 Wet Weather Operating Plan

6 NYCRR 750-2.8(a)
(EPA NMC: None)

Does the plan identify the maximum flows through preliminary, primary, secondary treatment, tertiary, and disinfection units?
Yes

In the past year, did treatment of wet weather flows cause any effluent violations or destabilize treatment upon return to normal service? If yes, describe below in the narrative box.
Yes

If the collection system or plant has been modified or upgraded, has the WWOP been modified to reflect new flow rates or new procedures and the revised plan submitted to the NYSDEC Regional Office?
No, no changes

In the upcoming year, are changes to the WWOP expected? If so, describe below in the narrative box.
No

When was the WWOP last updated?
2017

When was the WWOP last submitted and approved by NYSDEC?
2017

Use the space below to provide a narrative description of any changes to the WWOP during the reporting year or anticipated in the upcoming year.

In 2023, there were three Fecal Coliform and one Total Chlorine Residual exceedances, which occurred during wet weather discharges from CSO Outfall #002. The Main Plant Outfall #001 did not experience any wet-weather permit violations. The Wet-Weather Operating Plan has not been updated since 2017 and no changes are anticipated for 2024.

BMP No. 6 Prohibition of Dry Weather Overflows

6 NYCRR 750-2.7 and 2.8(b)(2)
(EPA NMC No. 5: Elimination of CSOs During Dry Weather)

In the past year, were there any dry weather overflows?
No

BMP No. 7 Control of Floatables and Settleable Solids

6 NYCRR 750-2.8(a)(4)
(EPA NMC No. 6: Control of Solid and Floatable Materials in CSOs)

In the past year, did any outfalls discharge floating solids, oil and grease, or solids of sewage origin?
Yes

Indicate which of the following engineering controls or control measures, if any, have been implemented or will be implemented in the upcoming year?
Source controls (street cleaning, public education, household hazardous waste collection, solid waste collection, recycling, and/or composting of lawn/leaf/roadkill deer)

Use the space below to provide a narrative description of any ongoing issues with control of floatables and settleable solids from CSO outfalls and any existing or planned engineering controls or control measure to be implemented.

During two 2023 stormwater events from CSO outfall #002, there was report of some floatable material (rag fragments paper products), but no oil & grease matter.
There is no existing or planned engineering controls or control measure to be implemented. Street Cleaning & composting are ongoing events that are overseen by the City of Oswego DPW. Oswego County sponsors several solid & hazardous waste programs during the year, as well as providing a recycling facility that is open 4 days/week.

BMP No. 8 Combined Sewer System Replacement

6 NYCRR 750-2.10(i)
(EPA NMC: None)

In the past year, were any combined sewers designed or constructed that were not approved by NYSDEC?
No

Are there any plans or current projects to separate combined sewers into sanitary & storm sewers?
No

Were any cross-connections eliminated in the past year or planned for the upcoming year?
No

In the past year, how many miles of combined sewer were separated?
0.00

In the upcoming year, how many miles of combined sewer are scheduled to be separated?
0.00

Use the space below to provide a narrative description of how this BMP was implemented during the reporting year.

Upon receiving a complaint, the City Engineering Department discovered that a local restaurant had failed to maintain a regular cleaning schedule on their grease traps, which led to back up on the property and excessive discharge of O&G to the City Collection System. The business was placed on a compliance schedule that requires the owner insure that all grease traps/interceptors be in 100% working order, maintained on a regular basis and records kept on all activities.

BMP No. 9 Combined Sewer / Extension

6 NYCRR 750-2.10(i)
(EPA NMC: None)

In the past year, were any combined sewers extended?
No

Is any development planned upstream of a combined sewer in the near future?
No

If a plan contained a flow credit requiring removal of I/I, what was the requirement or ratio?
0

Use the space below to provide a narrative description of how this BMP was implemented during the reporting year.

There were no extensions of the combined sewer system and no development upstream of the combined sewer system during 2023 and nothing planned for 2024.

BMP No. 10 Connection Prohibitions

6 NYCRR750-2.9(a)(5)
(EPA NMC: None)

Are new connections prohibited by NYSDEC?
No

In the upcoming year, is any work planned to either increase capacity or reduce hydraulic loading to the WWTP? If so, describe below in the narrative box.
No

BMP No. 11 Septage and Hauled Waste

6 NYCRR750-2.7(f) and 2.8(a)(1)
(EPA NMC: None)

Does the POTW accept septage or hauled waste?
Yes

In the past year, were there any discharges or releases of septage or hauled waste INTO the collection system upstream of a CSO?
No

Are there restrictions on when the POTW accepts hauled waste or septage?
Yes

Is there a dedicated location to discharge septage at the WWTP?
Yes

Does the facility have authorization from NYSDEC to accept hauled waste or septage at a location other than the WWTP?
Yes

Are any of these locations upstream of a CSO outfall?
No

Have there been, or will there be, any changes to the POTW's policy on septage and hauled waste?
No

Use the space below to provide a narrative description of how septage and hauled waste are received by the POTW, where remote acceptance locations are, any POTW restrictions on when these wastes can be received, and the total volume of these wastes received at remote locations during the reporting year.

Hauled waste is received at Eastside WWTP within an approved area provided with containment. Waste is discharged to the sanitary sewer through a 4" line fitted with a cap-lock system. The total gallons of hauled waste received during 2023 was 8,610,000 gallons. Waste Hauling into the Eastside WWTP is limited to Oswego County (Leachate), Sun Environmental & Streamline Environmental (apple processing wastewater).

BMP No. 12 Control of Runoff

6 NYCRR750- 2.1(e)
(EPA NMC: None)

Is sediment in runoff from construction zones entering catch basins in the combined sewer system?
No

Are impacts of run-off, from development and re-development in areas served by combined sewers, reduced by requiring compliance with the New York Standards for Erosion and Sediment Control and the quantity control requirements included in the New York State Stormwater Management Design Manual?
Yes

Is there adequate communication between the local municipal department that enforces local stormwater codes and ordinances and the collection system staff regarding stormwater runoff?
Yes

Do the municipalities within the combined sewer system have adequate storm water pollution prevention programs to reduce pollutants in stormwater?
Yes

Are any changes needed in the implementation of this BMP to reduce the number of CSO events, the volume discharged, or pollutants in the discharge? If yes, describe below in the narrative box.
No

Use the space below to provide a narrative description of how this BMP was implemented during the reporting year and any planned changes for the upcoming year.

All construction projects ensuing within the City of Oswego with potential impact on stormwater catch basins are approved through the City of Oswego Engineer's office. All State required protocols are followed. The City of Oswego Wastewater Department has an approved SWPPP in place and active.

BMP No. 13 Public Notification

6 NYCRR 750-1.12
(EPA NMC No. 8: Public Notification)

In accordance with the Discharge Notification Act Requirements of the SPDES permit, outfall identification signs must be installed and maintained at all permitted CSO outfalls. Are these signs installed and maintained at all permitted CSO outfalls?
Yes

Are all CSO events in accordance with the SPDES permit reported via NY-Alert?
Yes

In accordance with the Sewage Pollution Right to Know Law, as detailed in 6 NYCRR Part 750-2.7, all CSO discharge events must be reported via the NY-Alert electronic notification system.

CSO events not in accordance with the SPDES permit conditions should be reported as a bypass via NY-Alert. When these events occur, are they being reported via NY-Alert?
Yes

Beyond the use of NY-Alert, does the POTW maintain any other public notification systems (e.g. websites, social media, email systems, public media broadcasts) to alert potential users of receiving waters affected by CSOs?
Yes

For all CSOs to receiving waters that are Class B or higher, a written public notification program (PNP) is required to be developed, implemented, and publicly available to inform citizens of the location and occurrence of CSO events. Is there a written PNP?
Yes

For all CSO communities within the Great Lakes Basin, a written PNP is required. Is your community within the Great Lakes Basin?
Yes

For communities with a PNP, when was the PNP last updated?
2022

Use the space below to provide a narrative description of how any updates to CSO outfall signs and PNPs, as well as a summary of any other public notification systems (beyond NY-Alert) used to alert the public of CSO events.

The two CSO Outfall signs are checked regularly during the year. Thus far, they continue to be in excellent condition and not needing any repair or replacement. The City of Oswego maintains a website, which includes notification to the public, when necessary.

BMP No. 14 Characterization and Monitoring

(6 NYCRR 750-1.11(a), 2.5(a) and 2.7(g))
(EPA NMC No. 9: Monitoring to Characterize CSO Impacts and the Efficacy of CSO Controls)

Has the combined sewer system been modeled for use in determining or estimating the frequency of overflows and identifying CSO impacts?
Yes

Was baseline sampling conducted as part of LTCP development?
Yes

Was any Post Construction Compliance Monitoring (PCCM) sampling conducted in the reporting year or planned for the upcoming year?
No

In what years does the SPDES permit, Order on Consent, or other enforcement mechanism require PCCM sampling to be conducted?
No requirement.

CSO discharge monitoring methods should be specified for each CSO outfall in Part II of this Annual Report. For all CSO outfalls that are not metered, explain how overflow volumes are either modeled or estimated to collect sufficient data and document permit compliance and the success of CSO BMP implementation. In addition, please provide a brief summary of the findings from the most recently submitted PCCM Report (including compliance with the selected CSO Policy Approach criteria and attainment of water quality standards).

CSO Outfall #002 is equipped with flow monitoring and is monitored for all required parameters during wet-weather discharges to Lake Ontario.

Owner/Operator Certification

Owner/Operator Certification Form Download

Download the certification form by clicking the link below. Complete, sign, scan, and upload the form.
Owner/Operator Certification Form (PDF)

Upload Owner/Operator Certification Form
BMP Signed Cert and attachments East.pdf - 01/29/2024 05:08 PM
Comment
NONE PROVIDED

Attachments

Date	Attachment Name	Context	User
1/29/2024 5:08 PM	BMP Signed Cert and attachments East.pdf	Attachment	John McGrath

Status History

	User	Processing Status
5/6/2024 5:24:54 PM	John McGrath	Draft
5/7/2024 2:52:33 PM	John McGrath	Submitted
5/7/2024 2:52:34 PM	John McGrath	Deemed Complete

Processing Steps

Step Name	Assigned To/Completed By	Date Completed
Form Submitted	John McGrath	5/7/2024 2:52:33 PM

Revisions

Revision	Revision Date	Revision By
Revision 1	1/28/2024 9:23 PM	John McGrath
Revision 2	5/6/2024 5:24 PM	John McGrath

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Water
625 Broadway, Albany, New York 12233-3500
P: (518) 402-8233 | F: (518) 402-9029
www.dec.ny.gov

Eastsside WWTP - NY0029114

NYSDEC State Pollution Discharge Elimination System (SPDES)
Combined Sewer Overflow Best Management Practices Annual Report

OWNER/OPERATOR CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly 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.

Robert A. Corradino, Mayor	Robert A Corradino	1/29/24
Name (please print or type)	Signature	Date