CITY OF OSWEGO WASTEWATER DEPARTMENT
WILLIAM J. BARLOW, JR. MAYOR

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April 19, 2022

TO: USEPA – NPDES_CSO@epa.gov
NYSDEC – NYSDEC Regional Engineer/Region 7
Thomas M Vigneault (thomas.vigneault@dec.ny.gov)

SUBJECT: City of Oswego CSO Public Notification Annual Report

In accordance with USEPA document entitled "Public Notification Requirements for Combined Sewer Overflows to the Great Lakes Basins", the City of Oswego respectfully submits this Annual Report for the period of January 1 – December 31, 2021. 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 2021 there were 15 CSO/SSO events reported to the public from four outfalls *(NY0029106 Outfalls #002-EFMF, #003-Riverwalk & #004-SSO discharge to Gardenier Creek and NY0029114 Outfall #002-Detention Basin)*, as follows:

1. 6 overflows from Westside Gardiner Creek SSO outfall 004;
2. 6 overflows from Westside EFMF SPDES permitted CSO outfall 002;
3. 0 from Riverwalk SPDES CSO outfall 003 and;
4. 3 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 2021 CSO/BMP Annual Report.

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

Sincerely,

Kenneth Scherrieble
Superintendent of Wastewater Treatment

EC: Mayor William J. Barlow Jr.
Dan Ramer, Chief Operator – Eastside WWTP
John McGrath, Chief Operator – Westside WWTP
Kelly Coad, Secretary
Jeff Hinderliter, City Engineer
Donna Archer, Engineering
Timothy Rice, Commissioner of Public Works
Val Murakami, Region 7 Assistant Engineer
Valarie Ellis, P.E. 1, Region 7
Ryan Waldron, P.E., NYSDEC, Albany

TABLE 1
2021 CSO PUBLIC NOTIFICATION ANNUAL REPORT
SPDES PERMIT NO. NY0029106

NY0029106 CSO #002 is a permitted outfall & receives Primary Treatment & Disinfection. Disinfection is provided June 1 through September 30. CSO Outfall 003 & SSO 004 are untreated.

CSO #002 - EFMF

DATE	LOCATION	DURATION	VOLUME MGD	WEEKLY RAINFALL/ SNOWMELT	CAUSE
6/19/21	EFMF	1 hr. 26 min.	0.827	1.24"	Wet Weather
7/8/21	EFMF	1 hr. 1 min.	0.232	1.57"	Wet Weather
7/17/21	EFMF	9 hrs. 23 min.	5.241	3.45"	Wet Weather
9/23/21	EFMF	1 hr. 30 min.	0.158	1.47"	Wet Weather
10/26/21	EFMF	18 hrs. 26 min.	7.987	2.83"	Wet Weather
11/12/21	EFMF	5 hrs. 10 min.	0.72	0.96	Wet Weather

Riverwalk CSO #003

2021

No Events

SSO #004

DATE	LOCATION	DURATION	VOLUME MGD	WEEKLY RAINFALL/ SNOWMELT	CAUSE
5/8/21	Main Plant	1 hr.	0.004	1.01"	Wet Weather
6/19/21	Main Plant	1hr. 17 min.	1.462	1.24"	Wet Weather
7/17/21	Main Plant	7 hours	1.50	3.45"	Wet Weather
10/26/21	Main Plant	8 hrs. 30 min.	0.077	2.83	Wet Weather
10/30/21	Main Plant	45 minutes	0.01	NA	Wet Weather Main Lift Pump Failure
11/12/21	Main Plant	31 minutes	0.001	0.96"	Wet Weather

TABLE 1 CONTINUED
2021 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**
7/18/21	Main Plant	15 hours	0.50	1.50"	Wet Weather
10/26/21	Main Plant	1 hr. 28 min.	1.72	2.83"	Wet Weather
11/12/21	Main Plant	6 hrs. 55 min.	0.26	0.96"	Wet Weather

TABLE 2
2021 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
6/19/21	56	52	78	44	4.3	579.4	2419.6	0.08
7/8/21	59	39	34	<8.5	5.0	<1.0	<1.0	0.63
7/18/21	28	27.9	39.2	7.4	<5.0	LA	2419.6	0.09
9/23/31	63	35	35	36	5.6	2.0	12.0	1.53
10/26/21	60	<40	31.6	14.7	<5.0	NA	NA	NA
11/12/21	45	30	43	28	<4.0	NA	NA	NA

2021 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
7/18/21	8.8	20.3	29.6	25.9	<5	143.1	0.02	7.3
10/26/21	142	56.4	29.2	25.9	<5	36.8	0.01	8.4
11/12/21	160	88	47	55	7.3	2419.6	0.01	6.5

Public Notification Requirements for Combined Sewer Overflows

Supplemental Information includes Annual Report for Best Management Practices for Combined Sewer Overflows

NY0029106

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CERTIFIED MAIL – RETURN RECEIPT REQUESTED

February 14, 2022

NYS Department of Environmental Conservation
Regional Water Engineer, Region 7
615 Erie Boulevard West
Syracuse, NY 13204-2400

NYS Department of Environmental Conservation
Division of Water
Bureau of Water Permits
625 Broadway, 4th Floor
Albany, NY 12233-3505

RE: SPDES Permit No. NY0029106
Annual Report – Best Management Practices for Combined Sewer Overflows
City of Oswego – West Side Sewer System

To Whom It May Concern:

In reference to Item 15.) Page 13 of 23 of SPDES Permit no. NY0029106, as modified on 6/1/15, submitted herewith is the Annual Report of Best Management Practices for Combined Sewer Overflows at the City of Oswego West Side Sewer Systems.

Please contact me at your convenience should you have any questions concerning this submittal.

Respectfully submitted,

John W. McGrath

John McGrath
Chief Operator/Westside Wastewater

C: Mayor William J. Barlow Jr.
Jeff Hinderliter, City Engineer
Oswego County Health Department
Ken Scherrieble, Camden Group
File

COMBINED SEWER OVERFLOWS ANNUAL REPORT

GENERAL CSO PROGRAM INFORMATION Use the following tables 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	6
Percentage of the collection system, owned by the permittee, that is combined	8%
Approximate length (mi) of combined sewers in the permittee-owned system	4 miles
Population served by the permittee owned system	16,350
Number of publicly owned sewer system (POSS) connections	2
Number of non-POSS satellite system connections	0
Number of significant industrial users (SIU) connected to the combined sewer system	2

When was the LTCP Submitted?	June 30, 2003	Not Required ☐
When was the LTCP Approved?	The LTCP Was never approved. CSO abatement was specified in EPA/NYS Consent Order 5:10-cv-00544-NPM-DEP	Pending ☐
What was/is the selected approach?	Presumptive (4-6 events) ☐ Presumptive (85% capture) ☐ Presumptive (Equivalent Load) ☐	Demonstrative ☒
Is LTCP Implementation completed?	Yes	☒ No

What is the status of the PCCM Plan?		**What is the status of the PCCM Sampling Program?**	
In Development	☐	Not Yet Conducted/Started	☐
Submitted 2012 & 2013	☒	Baseline Sampling Conducted	☐
Approved	☐	In Progress	☒
Not Yet Required	☐	Previously Conducted	☐
No Requirement	☐	Not Yet Required	☐

When was the latest PCCM Report Submitted to NYSDEC?	Appx. January 28, 2022		
Was the selected CSO Policy Approach Criteria achieved?	☒ Yes	○ No	In Progress
Was water quality found to be attained?	☒ Yes	○ No	In Progress

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.

See Attached Milestones and Compliance Status Sheets.

COMBINED SEWER OVERFLOWS ANNUAL REPORT
Part II - CSO Outfall Information

CSO OUTFALL INFORMATION Use the following table to provide information for all CSO outfalls currently listed in the SPDES permit. The latitude and longitude must be that of the CSO outfall to the receiving water, not some other appurtenance such as a regulator structure.

Outfall No.	Latitude	Longitude	Receiving Water & Water Classification	Number of Regulators Associated	Type of Regulator(s) Associated (Fixed Dam, Float / Dynamic, Elevated Pipe, Wet Well Overflow, etc.)	Type of Treatment Provided (None, Screening, Surface Boom / Net, Overflow Retention, Settling, Disinfection)
002	43°27'38"	76°30'44"	Oswego Rvr/Class B	1	Holding Tank Effluent Weir	Settling with Disinfection
003	43°27'27"	76°30'38"	Oswego Rvr/Class B	1	Elevated Pipe Chamber.	None

COMBINED SEWER OVERFLOWS ANNUAL REPORT

CSO DISCHARGE INFORMATION Use the following table to provide an estimate or actual data (preferred) for the number of overflow events and CSO volumes discharged for each CSO Outfall.

Outfall No.	No. of Overflow Events			Annual CSO Volume (MG)			Measurement Method (Metered, Estimated, Modeled, Unknown)
	Baseline	Previous Reporting Year	Current Reporting Year	Baseline	Previous Reporting Year	Current Reporting Year	
002	32	4	6	44.6 MG	1.77 MG	9.38 MG	Metered
003	0	0	0	0	0	0	Metered
TOTAL	32	4	6	44.6 MG	1.77 MG	9.38 MG	Metered

COMBINED SEWER OVERFLOWS ANNUAL REPORT

CLOSED CSO OUTFALL INFORMATION Use the following table to provide information for all CSO outfalls that have been sealed/closed, removed, or separated since LTCP development.

Outfall No.	Latitude	Longitude	Receiving Water & Water Classification	Approximate Year Closed	Cause / Reason for Closure

COMBINED SEWER OVERFLOWS ANNUAL REPORT
Part III - Collection System Information

COLLECTION SYSTEM INFORMATION Use the following table to provide baseline and post-LTCP information on the collection system.

	Baseline	Post-LTCP Implementation
Percentage of the collection system owned by the permittee that is combined.	33%	8%
Approximate no. of miles of combined sewers in the permittee owned system	15 miles	4 miles
No. of combined sewer outfalls in the permittee owned system	2	2
Avg. annual no. of CSO events in the permittee owned system	32	4-5
Avg. annual CSO volume discharged from the permittee owned system (MG)	2019-20 1.77 MG	2021 9.38 MG
Population served by the permittee owned system	16,350	16,350
Number of satellite system connections	2	2

Use the space below to provide any further relevant information on the collection system. 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.

Two satellite systems discharge their Sanitary Wastewater to the City of Oswego Westside Collection System are SUNY College at Oswego & the Ontario Heights Sanitary Sewer District. Operation and Maintenance of these two satellite collection systems & pumping stations is performed by SUNY & the Town of Oswego, respectively. There are no CSO's or SSO's associated with their collection systems.

The City of Oswego DPW maintains operation & maintenance of the City's collection system, including pumping stations.

COMBINED SEWER OVERFLOWS ANNUAL REPORT

Part IV - Implementation Information

REPORTING YEAR INFORMATION Use the following section to 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.

During 2021, the following projects, with current status were addressed:

1. Project No. C7-6344-19-08 - Oswego Comb. Sewer Separation - Third 25% (Phase 3) - Completed
2. Project No. C7-6344-19-08 - Oswego Comb. Sewer Rehab - Third & Fourth 25% (Phase 3) - Completed
3. Project No. C7-6344-19-09 - Oswego Sewer Rehab - Area 3 - Substantially Completed
4. PCMP Monitoring of The Excess Flow Management Facility (CSO #002) as well as selected Upstream and Downstream Oswego River locations began on November 1, 2021 and will continue through October 31, 2023. Monitoring of the EFMF Influent & Effluent for all SPDES required parameters is performed during outfall discharges to the Oswego River. The Upstream & Downstream monitoring locations are sampled 5 times each month, in addition to those occurrences when the EFMF is discharging during rain events.

UPCOMING YEAR INFORMATION Use the following section to summarize significant LTCP and PCCM projects planned and milestones due for the upcoming year.

During 2022, the Oswego Sewer Rehabilitation taking place in Area 3 will be completed. PCMP monitoring will continue as referenced above. Information from this monitoring will be compiled and used in drafting the Post Construction Monitoring Report, which is due on January 1, 2023.

COMBINED SEWER OVERFLOWS ANNUAL REPORT

Part V - CSO Best Management Practices

PERMIT REQUIRED APPLICABILITY Identify which CSO BMPs are listed as "Applicable" or "Not-Applicable" in your current SPDES permit. For those that are applicable, you must complete each of the corresponding sections that follow. For those that are not applicable, you may skip the questions in the corresponding sections that follow.

CSO BMP Name	Applicable	Not Applicable
CSO Maintenance / Inspection	✔	
Maximize Use of the Collection System for Storage	✔	
Industrial Pretreatment	✔	
Maximize Flow to POTW	✔	
Wet Weather Operating Plan (WWOP)	✔	
Prohibition of Dry Weather Overflows	✔	
Control of Floatables and Settleable Solids	✔	
Combined Sewer System Replacement	✔	
Combined Sewer / Extension	✔	
Connection Prohibitions	✔	
Septage and Hauled waste	✔	
Control of Runoff	✔	
Public Notification	✔	
Characterization and Monitoring	✔	

COMBINED SEWER OVERFLOWS ANNUAL REPORT

BMP No. 1. CSO Maintenance/Inspection *6 NYCRR 750-2.8(a)(2)* *(EPA NMC No. 1: Proper Operation and Regular Maintenance)*	**YES**	**NO**
Is there a written program for the maintenance and inspection of the CSS and CSOs?	X	
What is the minimum frequency of CSO inspections (Yes = weekly or No = monthly)? The CSS is serviced by the City DPW, with inspections occurring at scheduled intervals throughout the calendar year.	X	
Are inspections conducted during both dry and wet weather?	X	
Do the inspection reports indicate visual inspection observations, observed flows or indication of prior flow, weather conditions, condition of equipment, and any repair work recommended?	X	
Are the inspection reports submitted to the DEC regional office with the monthly operating reports?	X	
Indicate which of the following additional components are included in the plan:		
Pump Stations — Both Wastewater Staff persons & DPW	X	
Sewer Pipes & Interceptors — DPW Staff		X
Sewer Manholes and Catch Basins — DPW Staff		X
CSO Outfalls	X	
CSO Controls (e.g. Regulators, Screening/Storage/Treatment facilities)	X	
Are there existing inter-municipal agreements which specify responsibilities for inspection, maintenance, and/or repair?	X	
When was the IMA(s) last reviewed for revision or update?	NA	
Is the collection system mapped using GIS? In progress		X
The entire system, including manholes and catch basins?		X
Only portions of the system?		X
If the collection system is not mapped using GIS, is GIS mapping planned?	X	
Is the collection system monitored using a SCADA system or other flow monitoring system?	X	
In the past year, was progress made to install, upgrade, or expand monitoring with SCADA?	X	
In the upcoming year, is installation, upgrade, or expansion of SCADA planned? Yes No	X	
Does the municipality have an asset management program in place that includes the collection system?	X	

BMP No. 1. CSO Maintenance/Inspection - *Continued*	**YES**	**NO**
Have any work efforts or problems in the past year resulted in changes in overflows? If yes, describe below.	☐	☒
In the past year, was the inspection and maintenance program mostly:		
Reactive (responding to problems)? Describe below any plans to shift the emphasis to prevention	☐	☐
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,**
d) **Any large equipment purchases made in the reporting year or planned for the upcoming year (e.g. vacuum trucks, pumps, etc.)**
e) **any work efforts or problems in the past year that resulted in changes to the collection system maintenance and inspection program,**
f) **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).**

The actual length of CSS & SSS sewers cleaned and inspected is not available. The City of Oswego DPW cleans 25% of the catch basins each year. During 2021, there were approximately 100 sanitary, combined & stormwater catch basins, which were rebuilt or replaced. A new Vac Truck has been purchased and delivery is expected soon. Since LTCP implementation, CSO events have been considerably reduced and total discharged flow, as well. All Pumping Stations within the City (12) are now on the SCADA System.

BMP No. 2. Maximum Use of 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)*		**Yes**	**No**
In the past year, was the collection system able to convey the required minimum flows to the treatment plant during all wet-weather events?		X	
Has the hydraulic capacity of the system been evaluated?	It is possible that in the 1984's, the hydraulic system was evaluated, but records of such, could not be found.		
When was the hydraulic capacity last evaluated?		Unknown	
Have regulators and weirs ever been adjusted/modified to maximize storage?		X	
In the past year or the upcoming year, indicate if any of the following items been changed or if changes are planned to improve use of the collection system for storage? If so, describe below.			
Tidegates maintenance/repairs/replacement	NA		
FOG program	NA		
Removal of small systems bottlenecks	NA		
Sewer cleaning and sediment removal		X	
Removal of flow obstructions	When discovered	X	
Regulator or weir adjustment - list locations below		X	
In-line storage: Inflatable dams or sluice gates	NA		

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.).

The Westside Wastewater Treatment Plant Excess Flow Management Facility (EFMF) includes an underground tank system which becomes operational during significant rain events. Settling, Chlorination and Dechlorination processes are included, prior to discharge to the Oswego River. The tank system is flushed subsequent to all rain events and the wastewater pumped to the Main Plant. During 2021, SCADA additions and improvements were made to enhance the remote operation and record keeping responsibilites. This station is designed to maintain a flow of 3.5 mgd to the Main Plant before discharges to the Oswego River take place.

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*	**YES**	**NO**
Is there an approved pretreatment or mini-pretreatment program? (If neither exist *and* no nondomestic users, select NO & go to BMP No. 4)	☒	☐
Does the pretreatment program consider CSOs in the calculation of local limits? See Note below	☐	☒
Has the impact on CSOs from nondomestic users that discharge toxic pollutants been evaluated, and steps taken to minimize such impacts?	☐	☒
Is there an inventory of industrial dischargers?	☒	☐
Are there any restrictions on IU discharges to the collection system during wet weather events?	☒	☐
Are there any industrial discharges that could reach CSO outfalls?	☐	☒
Do IUs upstream of CSOs discharge any bioaccumulative pollutants?	☐	☒
Do any IUs have a holding tank or EQ tank to store wastewater prior to discharge to the CSS?	☒	☐
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.	☐	☒

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 2 permitted Significant Industrial Users that discharge to the Westside WWTP. The City of Oswego Water Treatment Plant & Oswego County Landfill Leachate (Hauled Waste). The Water Plant has a designated pipe from their Filter Backwash Water Decant Basin, which enters the Headworks of the Westside WWTP. Their discharges routinely take place during the early morning hours. (12:30 am - 3:30 am) Discharges of the backwash water are prohibited during wet weather events. downstream of the CSO. PAS & the County Leachate are not allowed to discharge during significant wet weather events. Oswego County discharges their leachate at the EFMF Containment area located on the eastern section of the facility. Discharges are prohibited during wet weather events.

* Since the industrial discharges are unable to reach the CSO due to location of flow or prohibition, their wastewater was not factored into Local Limits in reference to CSO's.

COMBINED SEWER OVERFLOWS ANNUAL REPORT

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)*	**YES**	**NO**
What are the permit required minimum flows during wet weather events? Headworks/Primary/Disinfection: Secondary:	12.0 MGD 12.0 MGD	
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? See note below	☒	☐
In the past year, was the secondary treatment works able to treat the flows specified in the permit for all wet weather flows?	☒	☐
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?	☐	☐
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? Describe below.	☐	☒
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? List below	☐	☒
In the past year, have any new problem areas been identified that restrict flow to the plant? List locations below.	☐	☒

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 far as can be determined, flow to the WWTP is not hindered by any physical problems in the collection system and there are no studies or physical modification plans to increase flow to the WWTP. During significant wet weather events, it is difficult to maintain efficient secondary treatment, due to design issues with the original Secondary Clarifiers. At present, there is a study underway to improve quality of treatment during such events. Design issues notwithstanding, SPDES Permit levels are routinely met at all times.

BMP No. 5. Wet Weather Operating Plan (WWOP) *6 NYCRR 750-2.8(a)* *(EPA NMC: None)*	YES	NO
Does the plan identify the maximum flows through preliminary, primary, secondary treatment, tertiary, and disinfection units? Main Plant Influent & EFMF Flows are identified	X	
In the past year, did treatment of wet weather flows cause any effluent violations or destabilize treatment upon return to normal service? Describe below. See note below	X	
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?	X	
In the upcoming year, are changes to the WWOP expected? Describe below. Plan is amended on an as needed basis	X	
When was the WWOP last updated?	April 2020	
When was the WWOP last submitted and approved by NYSDEC? Formal approval is pending	12/2019	

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.

During 2021, there were no significant changes made to the WWOP. Other than minor adjustments to pump adjustments, tank flow modifications & pre-rain event operating procedures, no significant changes to the WWOP are in view for 2022. In 2021, there were two Permit violations involving the Main Plant Outfall #001 and the EFMF Outfall #002. In addition, there were several discharges from an SSO #004, which is located at the Main Plant. A separate attachment at the end of this Report summarizes these events.

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)*	YES	NO
In the past year, were there any dry weather overflows? If no, skip to BMP No. 7.		X
Were all dry weather overflows reported via NY-Alert, in accordance with 6 NYCRR Part 750-2.7?		
If dry weather overflows occurred, did this result in improvement of procedures or equipment?		
Has the likelihood of future dry weather overflows been eliminated? If not, describe why below.		

Use the space below to provide a narrative description of the both the causes of any dry weather events that occurred in the reporting year and resulting changes or improvements that were made to procedures or equipment (e.g. routine inspection schedule, OMIP, inter-municipal agreements, FOG program, removal of illicit connections, I/I Control program, leaky tidegates, adjustment and/or repair of regulators, upgraded auxiliary power, elimination of hydraulic bottlenecks, etc.).

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)*	**YES**	**NO**
In the past year, did any outfalls discharge floating solids, oil and grease, or solids of sewage origin?	☐	☒
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)	☒	☐
Catch basin hoods	☐	☒
Screens	☐	☒
In-line netting	☐	☒
Booming and skimming of open waters	☐	☒

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.

In 2021, there were no issues with controlling floatables and/or settleable solids from discharging from the permitted outfalls.

BMP No. 8. Combined Sewer System Replacement *6 NYCRR 750-2.10(i)* *(EPA NMC: None)*	**YES**	**NO**
In the past year, were any combined sewers designed or constructed that were not approved by NYSDEC?	☐	☒
Are there any plans or current projects to separate combined sewers into sanitary and storm sewers?	☐	☒
Is there an approved engineering plan for the project(s)?	☐	☐
Were any cross-connections eliminated in the past year or planned for the upcoming year?	☐	☒
In the past year, how many miles of combined sewer were separated?	0 Miles	
In the upcoming year, how many miles of combined sewer are scheduled to be separated?	0 Miles	

Use the space below to provide a narrative description of how this BMP was implemented during the reporting year. (Attach extra sheets or additional documentation, if necessary):

BMP No. 9. Combined Sewer / Extension *6 NYCRR 750-2.10(i)* *(EPA NMC: None)*	YES	NO
In the past year, were any combined sewers extended, not using separate sewers?	☐	☒
If separate sewers were extended from combined sewers, was it demonstrated that the sewerage system had the ability to convey, and the treatment plant had the ability to adequately treat, the increased dry-weather flows?	☐	☐
If determined necessary by the Regional Water Engineer, was an assessment made of the effects of the increased flow of sanitary sewage or industrial waste on the strength of CSOs and their frequency of occurrence, including the impacts upon best usage of the receiving water?	☐	☐
Has a recent combined sewer extension resulted in increased discharge from a CSO?	☐	☒
Has a recent combined sewer extension resulted in increased flow to the FOTW? Describe any CSO impacts below.	☐	☒
Is any development planned upstream of a combined sewer?	☐	☒
If yes, has a sewer extension plan been submitted for review and approval?	☐	☐
Does the plan include any flow retention, storage, or treatment structures?	☐	☐
If the approval contained a flow credit requiring removal of I/I, what was the requirement or ratio?	_____	

Use the space below to provide a narrative description of how this BMP was implemented during the reporting year. (Attach extra sheets or additional documentation, if necessary):

BMP No. 10. Connection Prohibitions *6 NYCRR750-2.9(a)(5)* *(EPA NMC: None)*	YES	NO
Are new connections prohibited by the DEC? If no, skip to BMP No. 11.	☐	☒
Is this due to basement backups?	☐	☐
Is this due to surcharging manholes?	☐	☐
In the upcoming year, is any work planned to either increase capacity or reduce hydraulic loading to the WWTP? Describe below.	☐	☐

Use the space below to provide a narrative description of how this BMP was implemented during the reporting year. (Attach extra sheets or additional documentation, if necessary):

BMP No. 11. Septage and Hauled Waste *6 NYCRR750-2.7(f) and 2.8(a)(1)* *(EPA NMC: None)*	YES	NO
Does the POTW accept septage or hauled waste? If no, skip to BMP No. 12.	☒	☐
In the past year, were there any discharges or releases of septage or hauled waste into the collection system upstream of a CSO?	☐	☒
Are there restrictions on when the POTW accepts hauled waste or septage?	☒	☐
Is there a dedicated location to discharge septage at the WWTP?	☒	☐
Does the facility have authorization from NYSDEC to accept hauled waste or septage at a location other than the WWTP?	☐	☒
Are any of these locations upstream of a CSO?	☐	☐
Have there been any changes to the POTW's policy on septage and hauled waste in the past year? Are any changes needed or planned in the upcoming year?	☐	☒

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 the Westside EFMF, only. There is a containment area set up to receive said waste downstream of the CSO, but there is a prohibition for discharges during wet weather events that is strictly enforced. Other than arranging for timely arrivals for the two waste haulers, there were no changes in the SOP and none are planned for 2022.

BMP No. 12. Control of Run-off *6 NYCRR750- 2.1(e)* *(EPA NMC: None)*	YES	NO
Is sediment in runoff from construction zones entering catch basins in the combined sewer system?	☒	☐
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?	☒	☐
Is there adequate communication between the local municipal department that enforces local stormwater codes and ordinances and the collection system staff regarding stormwater runoff?	☒	☐
Do the municipalities within the combined sewer system have adequate storm water pollution prevention programs to reduce pollutants in stormwater?	☒	☐
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.	☐	☒

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.

Although there was little construction during 2021, all construction projects are approved through the City Engineers office and NYS Standards are implemented.

BMP No. 13. Public Notification *6 NYCRR 750-1.12* *(EPA NMC No. 8: Public Notification)*	YES	NO
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?	☒	☐
In accordance with the Sewage Pollution Right to Know Law, as detailed in 6 NYCRF Part 750-2.7, all CSO discharge events must be reported via the NY-Alert electronic notification system.		
Are all CSO events in accordance with the SPDES permit reported via NY-Alert?	☐	☒
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?	☒	☐
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?	☒	☐
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?	☐	☒
For all CSO communities within the Great Lakes Basin, a written PNP is required. For Great Lakes Basin communities, when was the PNP last updated? (All other communities may skip to BMP No. 14)	No info	

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.

An identification sign for Outfalls #002 & #003 have been in place and are being maintained. Notification using NY Alert is only employed if a SPDES Permit requirement is violated. However, all events are posted on the City of Oswego Web Page on a per occurrence basis.

COMBINED SEWER OVERFLOWS ANNUAL REPORT

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)*	**YES**	**NO**
Has the combined sewer system been modeled for use in determining or estimating the frequency of overflows and identifying CSO impacts?	☒	☐
Was baseline sampling conducted as part of LTCP development? See list of Baseline Monitoring Documents below.	☒	☐
Was any Post Construction Compliance Monitoring (PCCM) sampling conducted in the reporting year or planned for the upcoming year?	☒	☐
In what years does the SPDES permit, Order on Consent, or other enforcement mechanism require PCCM sampling to be conducted?	2021-2022	
With the available CSO data and any PCCM conducted, has the permittee verified:		
Compliance with the selected LTCP approach (presumptive or demonstrative)?	☒	☐
Attainment of water quality standards, despite any remaining CSO events?	☒	☐

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).

During LTCP development a significant amount of data was collected by the City of Oswego, which was finalized in the Consent Decree referenced at the beginning of this report. Three significant documents, which provided information were:

1. City of Oswego, NY West Side Wet Weather Flow Monitoring Report (March 2007)
2. City of Oswego West Side Combined Sewer System Modeling Report (January 2007)
3. City of Oswego Water Quality Baseline Memorandum (January 2011)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering 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.

Name: John W. McGrath	**Official Title:** Chief Operator	**Phone:** (315)342-8173
Signature: John W. McGrath	**Date:** 2/14/22	**Email:** labmanager@oswegony.org

Submit Report

Combined Sewer Overflows Annual Report
December 31, 2021
Plant Effluent Discharge #001, CSO #002 Discharge & SSO #004 Discharge Permit Violations Summary

For the purposes of this Annual Report, the City of Oswego Westside WWTP reports the following violations of its SPDES Permit:

1. Sanitary Sewer Overflow #004 discharge to Gardenier Creek on May 8, 2021, in the amount of 4000 gallons. This discharge was caused by a wet weather event. The duration of the event was 50 minutes.
2. Sanitary Sewer Overflow #004 discharge to Gardenier Creek on June 19, 2021, in the amount of 1.46 MG. However, this amount of discharge was deemed to be inaccurate, as flow from Gardenier Creek was backing up into the catch basin where the flow meter is located. This discharge was caused by a wet weather event. The duration of the event was 13.5 hours. The City of Oswego Engineer and engineers from GHD are presently working on a plan to prevent back flows into the catch basin.
3. CSO #002 discharge violated its 7 day & 30 day Geometric Mean Limit during a wet weather event, which occurred on June 19, 2021. The cause of this violation was due to insufficient chlorine contact time caused by the flow velocity at the time the sample was collected. A second sample would likely have negated this violation, but the event ended before it could be collected. Chlorine dosage at the time of collection was within our normal operation parameters.
4. Sanitary Sewer Overflow #004 discharge to Gardenier Creek on July 17, 2021, in the amount of 88,000 gallons. However, this amount of discharge was deemed to be inaccurate, as flow from Gardenier Creek was backing up into the catch basin where the flow meter is located. This discharge was caused by a heavy, steady wet weather event. The duration of the event was 12.5 hours. The City of Oswego Engineer and engineers from GHD are presently working on a plan to prevent back flows into the catch basin.
5. Sanitary Sewer Overflow #004 discharge to Gardenier Creek on October 26, 2021, in the amount of 1.62 MG. This discharge was caused by a heavy, steady wet weather event. The duration of the event was 18.5 hours. As far as can be determined, the flow for this event did not involve back up from Gardenier Creek.
6. Sanitary Sewer Overflow #004 discharge to Gardenier Creek on October 30, 2021, in the amount of 0.01 MG. The cause of this discharge was a Main Lift Pump failure occurring during a wet weather event. Its duration was 45 minutes. In absence of the pump failure, there would have been no discharge through this Outfall.
7. Main Plant Outfall #001 violated its 7-day loading for Total Suspended Solids, due to the high flow exiting the plant on that day. The concentration of TSS was well within Permit requirements.
8. Sanitary Sewer Overflow #004 discharge to Gardenier Creek on November 12, 2021, in the amount of 0.001 MG. This discharge was caused by a steady wet weather event. The duration of the event was 31 minutes.

APPENDIX A

MILESTONES AND COMPLIANCE STATUS SCHEDULE

Date(s)	Milestone	Para. No.	Completion Date
See 6 NYCRR Pt. 750	Deadline for oral and written notification of any SSO or CSO	27.a	Complete and ongoing
See 6 NYCRR Pt. 750	Deadline for submission of written report on each SSO or CSO	27.b	Complete and ongoing
Date of discovery of excessive I/I + 90 days	Deadline for notifying owners and taking action consistent with legal authority to eliminate excessive I/I in privately owned portions of laterals	18	Ongoing
CD signature, through 11/1/10	Flow monitoring required using existing monitoring devices	14.a	May 12, 2010
3/1/10	Deadline for retention of municipal finance expert to assist in securing funding for CD compliance	16.b	January 27, 2010
3/1/10	Deadline for submission of SSES Report	17.b	February 25, 2010
3/1/10	Deadline for submission of: (1) current Wet Weather Operating Plan; (2) current WWTP O&M Plan; and (3) identification of Sensitive Areas under SPDES Permit	20.b.iii	February 26, 2010
CD effective date + 30 days	Deadline for payment of civil penalty	9	August 12, 2010
3/31/10	Deadline for posting SSO and CSO warning signs	15.b	March 23, 2010
4/1/10	Deadline for ceasing construction of new extensions, unless specified conditions are met	19	April 1, 2010
5/1/10	Deadline for submission of Disinfection Report	12.a	April 15, 2010
5/1/10	Deadline for submission of WWTP Expansion Report	22.a	April 28, 2010
5/28/10, 7/28/10, and quarterly thereafter	Deadline for submission of Quarterly Report	28	May 27, 2010 – present
7/1/10, and annually thereafter	Deadline for inspection of ORI	11	July 1, 2010 - present
11/1/10	Deadline for elimination of inflow from catch basins	13	October 26, 2010
11/1/10	Deadline for submission of CMOM Program	20.a	October 28, 2010

APPENDIX A (continued)

Date(s)	Milestone	Para. No.	Completion Date
11/1/10	Deadline for making best efforts to enter into legally enforceable arrangement with SUNY to minimize excessive I/I	20.a.iii	November 1, 2010
12/31/10	Deadline for installation and commencement of operation of new flow monitoring devices	14.b	December 31, 2010
2/1/11	Deadline for submission of Water Quality Baseline Memo	26.a	January 28, 2011
7/1/11	Deadline for submission of WWTP expansion plans and specifications	22.b	June 29, 2011
1/1/12	Deadline for submission of Pump Station Evaluation (PSE)	21.a	December 20, 2011
1/1/12	Deadline for submission of CSO Control Report's First 25% Plan	25.d.i	April 6, 2011
3/1/12	Deadline for establishment of Enterprise Fund for sewer use fees	16.c	January 1, 2012
11/1/12	Deadline for submission of Post-Construction Monitoring Program, including Post-Construction Monitoring Plan	26.b	October 30, 2012
12/31/12	Construction deadline of seasonal disinfection, pursuant to Disinfection Report	12.a	April 29, 2013
1/1/13	Deadline for submission of Pump Station Report	21.b	December 20, 2011
1/1/13	Deadline for submission of EFMF Optimization Report	23.a	December 20, 2011
3/1/13 and annually thereafter	Deadline for adjustment of sewer use fees, to ensure Enterprise Fund covers anticipated expenses	16.c	November 26, 2012
11/1/13	Deadline for submission of WWTP O&M Program	20.b	October 25, 2013
11/1/13	Deadline for completion of WWTP expansion, pursuant to WWTP Expansion Report	22.b	January 28, 2014
11/1/14	Deadline for completion of corrective actions, pursuant to SSES Report	17.b	October 31, 2014
11/1/14	Deadline for completion of pump station upgrade, pursuant to Pump Station Report	21.c	December 4, 2014

APPENDIX A (continued)

Date(s)	Milestone	Para. No.	Completion Date
11/1/14	Deadline for completion of EFMF optimization, pursuant to EFMF Optimization Report	23.a	October 7, 2014
11/1/14	Deadline for submission of Remaining WCTS Plan, Pt. 1	20.a.i	October 23, 2014
11/1/14	Deadline for separation of 25% of CSS, pursuant to First 25% Plan	25.d.ii	July 25, 2014
1/1/16	Deadline for submission of CSO Control Report's Second 25% Plan	25.d.iii	December 21, 2015
11/1/17	Deadline for separation of 50% of CSS, pursuant to Second 25% Plan	25.d.iv	September 25, 2017
11/1/18	Deadline for submission of Remaining WCTS Plan, Pt. 2	20.a.ii	October 29, 2018
1/1/19	Deadline for submission of CSO Control Report's Third 25% Plan	25.d.v	December 26, 2018
11/1/21	Deadline for separation of 75% of CSS, pursuant to Third 25% Plan	25.d.vi	December 1, 2020
11/1/21, or completion of 75% separation + 60 days, whichever is earlier	Deadline for commencement of post-construction monitoring	26.b	November 1, 2021
1/1/23	Deadline for submission of Post-Construction Monitoring Report	26.c	Open

Public Notification Requirements for Combined Sewer Overflows

Supplemental Information includes Annual Report for Best Management Practices for Combined Sewer Overflows

NY0029114

CITY OF OSWEGO WASTEWATER DEPARTMENT
WILLIAM J. BARLOW, JR. 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

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

February 10, 2022

NYS Department of Environmental Conservation
Regional Water Engineer, Region 7
615 Erie Boulevard West
Syracuse, NY 13204-2400

NYS Department of Environmental Conservation
Division of Water
Bureau of Water Permits
625 Broadway, 4th Floor
Albany, NY 12233-3505

RE: SPDES Permit No. NY0029114
Annual Report – Best Management Practices for Combined Sewer Overflows
City of Oswego – East Side Sewer System

To Whom It May Concern:

In reference to Item 15.) Page 14 of 23 of SPDES Permit no. NY0029114, as renewed 11/1/19, submitted herewith is the Annual Report of Best Management Practices for Combined Sewer Overflows at the City of Oswego East Side Sewer Systems.

Please contact me at your convenience should you have any questions concerning this submittal.

Respectfully submitted,

Dan Ramer
Chief Operator/Eastside Wastewater

C: Mayor William J. Barlow Jr.
Jeff Hinderliter, City Engineer
Oswego County Health Department
Ken Scherrieble, Camden Group
File

COMBINED SEWER OVERFLOWS ANNUAL REPORT

GENERAL CSO PROGRAM INFORMATION Use the following tables to provide current general informatic ɔ on the CSO Program.

Number of CSO outfalls in the permittee owned system	1
Number of CSO events occurring in reporting year	3
Percentage of the collection system, owned by the permittee, that is combined	27%
Approximate length (mi) of combined sewers in the permittee-owned system	12.15 miles
Population served by the permittee owned system	9000
Number of publicly owned sewer system (POSS) connections	1
Number of non-POSS satellite system connections	0
Number of significant industrial users (SIU) connected to the combined sewer system	3

When was the LTCP Submitted?	September 30, 2002	Not Required ☐
When was the LTCP Approved?	February 14, 2007	Pending ☐
What was/is the selected approach?	Presumptive (4-6 events) ☐ Presumptive (85% capture) ☐ Presumptive (Equivalent Load) ☐	Demonstrative ☐
Is LTCP Implementation completed?	☒ Yes	No

What is the status of the PCCM Plan?		**What is the status of the PCCM Sampling Program?**	
In Development	☐	Not Yet Conducted/Started	☐
Submitted	X	Baseline Sampling Conducted	☐
Approved	☐	In Progress	X
Not Yet Required	☐	Previously Conducted	☐
No Requirement	☐	Not Yet Required	☐

When was the latest PCCM Report Submitted to NYSDEC?	2/1/2017	
Was the selected CSO Policy Approach Criteria achieved?	◯ Yes	ⓧ No
Was water quality found to be attained?	◯ Yes	ⓧ No

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.

The City of Oswego's initial PCCM was submitted in September 2012, but was deemed incomplete in correspondence from NYSDEC, dated June 28, 2013. Subsequent meetings with DEC ensued, in addition to mutual correspondence between both parties. At present, the PCCM is 95% approved, with the remaining item, Lake Ontario In-Lake Sampling location, to be addressed. The last pieces of correspondence regarding this item, a letter from NYSDEC (dated 12/12/16) and response from C&S Companies (dated 2/1/17) are attached. Final resolution is still pending.

COMBINED SEWER OVERFLOWS ANNUAL REPORT
Part II - CSO Outfall Information

CSO OUTFALL INFORMATION Use the following table to provide information for all CSO outfalls currently listed in the SPDES permit. The latitude and longitude must be that of the CSO outfall to the receiving water, not some other appurtenance such as a regulator structure.

Outfall No.	Latitude	Longitude	Receiving Water & Water Classification	Number of Regulators Associated	Type of Regulator(s) Associated (Fixed Dam, Float / Dynamic, Elevated Pipe, Wet Well Overflow, etc.)	Type of Treatment Provided (None, Screening, Surface Boom / Net, Overflow Retention, Settling, Disinfection)
002	43°28'10"	76°30'02"	Lake Ontario/Class A	1	Fixed Overflow Weir	Settling with Disinfection

COMBINED SEWER OVERFLOWS ANNUAL REPORT

CSO DISCHARGE INFORMATION Use the following table to provide an estimate or actual data (preferred) for the number of overflow events and CSO volumes discharged for each CSO Outfall.

Outfall No.	No. of Overflow Events			Annual CSO Volume (MG)			Measurement Method (Metered, Estimated, Modeled, Unknown)
	Baseline	Previous Reporting Year	Current Reporting Year	Baseline	Previous Reporting Year	Current Reporting Year	
002	10	3	3	3.60 MG	1.65 MG	2.48 MG	Metered
TOTAL		3	3		1.65 MG	2.48 MG	Metered

COMBINED SEWER OVERFLOWS ANNUAL REPORT

CLOSED CSO OUTFALL INFORMATION Use the following table to provide information for all CSO outfalls that have been sealed/closed, removed, or separated since LTCP development.

Outfall No.	Latitude	Longitude	Receiving Water & Water Classification	*Approximate Year Closed	Cause / Reason for Closure
003	43°27'14"	76°30'28"	Oswego River/Class C	2005-06	Removed ORF
004	43°28'14"	76°30'10"	Lake Ontario/Class A	2002-05	Sewer Separation
005	43°27'36"	76°30'39"	Oswego River/Class C	2002-05	Sewer Separation
006	43°27'31"	76°30'33"	Oswego River/Class C	2019	Pump Station Upgrade
007	43°27'36"	76°30'33"	Oswego River/Class C	2002-05	Sewer Separation

These dates are estimates and based on inclusion and/or removal from renewals of SPDES Permits regarding NY0029114, as well as Sewer Separation activities & new construction.

COMBINED SEWER OVERFLOWS ANNUAL REPORT
Part III - Collection System Information

COLLECTION SYSTEM INFORMATION Use the following table to provide baseline and post-LTCP information on the collection system.

	Baseline	Post-LTCP Implementation
Percentage of the collection system owned by the permittee that is combined.	Unknown	27%
Approximate no. of miles of combined sewers in the permittee owned system	Unknown	12.15 miles
No. of combined sewer outfalls in the permittee owned system	6	1
Avg. annual no. of CSO events in the permittee owned system	10	3-4
Avg. annual CSO volume discharged from the permittee owned system (MG)	2019-20 7.53 MG	2021 2.48 MG
Population served by the permittee owned system	9000	9000
Number of satellite system connections	1	1

Use the space below to provide any further relevant information on the collection system. 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 Eastside Wastewater Treatment System receives Wastewater from 1 Publicly Owned Sewer System (POSS), that being the Town of Scriba. The Pumping Stations and Collection Systems associated with this satellite system are monitored and serviced by the Town of Scriba. There are no CSO's involved with this POSS.

COMBINED SEWER OVERFLOWS ANNUAL REPORT

Part IV - Implementation Information

REPORTING YEAR INFORMATION Use the following section to 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.

During 2021 therre were no significant LTCP or PCCM projects specifically scheduled. There was some work done in the Storm Water Detention Basin on the overflow weir to maintain its integrity as well as the removal of rocks in the effluent channel resulting from wave action from Lake Ontario during seasons of high winds.

UPCOMING YEAR INFORMATION Use the following section to summarize significant LTCP and PCCM projects planned and milestones due for the upcoming year.

At present, there are no significant LTCP or PCMP projects planned for 2022.

COMBINED SEWER OVERFLOWS ANNUAL REPORT

Part V - CSO Best Management Practices

PERMIT REQUIRED APPLICABILITY Identify which CSO BMPs are listed as "Applicable" or "Not-Applicable" in your current SPDES permit. For those that are applicable, you must complete each of the corresponding sections that follow. For those that are not applicable, you may skip the questions in the corresponding sections that follow.

CSO BMP Name	Applicable	Not Applicable
CSO Maintenance / Inspection	✔	
Maximize Use of the Collection System for Storage	✔	
Industrial Pretreatment	✔	
Maximize Flow to POTW	✔	
Wet Weather Operating Plan (WWOP)	✔	
Prohibition of Dry Weather Overflows	✔	
Control of Floatables and Settleable Solids	✔	
Combined Sewer System Replacement	✔	
Combined Sewer / Extension	✔	
Connection Prohibitions	✔	
Septage and Hauled waste	✔	
Control of Runoff	✔	
Public Notification	✔	
Characterization and Monitoring	✔	

COMBINED SEWER OVERFLOWS ANNUAL REPORT

BMP No. 1. CSO Maintenance/Inspection *6 NYCRR 750-2.8(a)(2)* *(EPA NMC No. 1: Proper Operation and Regular Maintenance)*	YES	NO
Is there a written program for the maintenance and inspection of the CSS and CSOs?	X	
What is the minimum frequency of CSO inspections (Yes = weekly or No = monthly)? The CSS is serviced by the City DPW, with inspections occurring at scheduled intervals throughout the calendar year.	X	
Are inspections conducted during both dry and wet weather?	X	
Do the inspection reports indicate visual inspection observations, observed flows or indication of prior flow, weather conditions, condition of equipment, and any repair work recommended?	X	
Are the inspection reports submitted to the DEC regional office with the monthly operating reports?	X	
Indicate which of the following additional components are included in the plan:		
Pump Stations	X	
Sewer Pipes & Interceptors		X
Sewer Manholes and Catch Basins		X
CSO Outfalls	X	
CSO Controls (e.g. Regulators, Screening/Storage/Treatment facilities)	X	
Are there existing inter-municipal agreements which specify responsibilities for inspection, maintenance, and/or repair?		X
When was the IMA(s) last reviewed for revision or update?	NA	
Is the collection system mapped using GIS? In progress		X
The entire system, including manholes and catch basins?		X
Only portions of the system?		X
If the collection system is not mapped using GIS, is GIS mapping planned?	X	
Is the collection system monitored using a SCADA system or other flow monitoring system?	X	
In the past year, was progress made to install, upgrade, or expand monitoring with SCADA?	X	
In the upcoming year, is installation, upgrade, or expansion of SCADA planned? Yes No	X	
Does the municipality have an asset management program in place that includes the collection system?	X	

BMP No. 1. CSO Maintenance/Inspection - *Continued*	**YES**	**NO**
Have any work efforts or problems in the past year resulted in changes in overflows? If yes, describe below.	☐	☒
In the past year, was the inspection and maintenance program mostly:		
Reactive (responding to problems)? Describe below any plans to shift the emphasis to prevention	☐	☐
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,**
d) **Any large equipment purchases made in the reporting year or planned for the upcoming year (e.g. vacuum trucks, pumps, etc.)**
e) **any work efforts or problems in the past year that resulted in changes to the collection system maintenance and inspection program,**
f) **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).**

The actual length of CSS & SSS sewers cleaned and inspected is not available. The City of Oswego DPW cleans 25% of the catch basins each year. During 2021, there were approximately 100 sanitary, combined & stormwater catch basins, which were rebuilt or replaced. A new Vac Truck has been purchased and delivery is expected soon. Since LTCP implementation, CSO events have been considerably reduced and total discharged flow, as well. All Pumping stations within the City (12) are now on the SCADA System.

BMP No. 2. Maximum Use of 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)*	**Yes**	**No**
In the past year, was the collection system able to convey the required minimum flows to the treatment plant during all wet-weather events?	X	
Has the hydraulic capacity of the system been evaluated? It is possible that in the 1980's, the hydraulic system was evaluated, but records of such, could not be found.		
When was the hydraulic capacity last evaluated?	Unknown	
Have regulators and weirs ever been adjusted/modified to maximize storage? Detention Basin Weir has been modified to increase stroage.	X	
In the past year or the upcoming year, indicate if any of the following items been changed or if changes are planned to improve use of the collection system for storage? If so, describe below.		
Tidegates maintenance/repairs/replacement NA		
FOG program NA		
Removal of small systems bottlenecks NA		
Sewer cleaning and sediment removal	X	
Removal of flow obstructions When discovered	X	
Regulator or weir adjustment - list locations below	X	
In-line storage: Inflatable dams or sluice gates NA		

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.).

The Eastside Wastewater Treatment Plant includes a 0.350 mg Detention Basin that is employed during significant rain events. During 2021, the weir height was adjusted up, so that more stormwater could be retained before discharging to Lake Ontario.

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*	**YES**	**NO**
Is there an approved pretreatment or mini-pretreatment program? (If neither exist *and* no nondomestic users, select NO & go to BMP No. 4)	X	
Does the pretreatment program consider CSOs in the calculation of local limits? See Note below		X
Has the impact on CSOs from nondomestic users that discharge toxic pollutants been evaluated, and steps taken to minimize such impacts?		X
Is there an inventory of industrial dischargers?	X	
Are there any restrictions on IU discharges to the collection system during wet weather events?	X	
Are there any industrial discharges that could reach CSO outfalls?		X
Do IUs upstream of CSOs discharge any bioaccumulative pollutants?		X
Do any IUs have a holding tank or EQ tank to store wastewater prior to discharge to the CSS?	X	
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.		X

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 permitted Industrial Users that discharge to the Eastside WWTP. Novelis Inc. (Aluminum Forming), Indeck Energy Services (Steam/Electric) Pollution Abatement Services (EPA Remediation site) & Oswego County Landfill Leachate (Hauled Waste). Novelis & Indeck (intermittent) discharge on the eastern end of the plant, downstream of the CSO. PAS & the County Leachate are not allowed to discharge during significant wet weather events.

*** Since the industrial discharges are unable to reach the CSO due to location of flow or prohibition, their wastewater was not factored into Local Limits in reference to CSO's.**

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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)*	**YES**	**NO**
What are the permit required minimum flows during wet weather events? Headworks/Primary/Disinfection: Secondary:	7.38 MGD 7.38 MGD	
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? See note below	☐	☒
In the past year, was the secondary treatment works able to treat the flows specified in the permit for all wet weather flows?	☐	☒
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?	☐	☒
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? Describe below.	☐	☒
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? List below	☐	☒
In the past year, have any new problem areas been identified that restrict flow to the plant? List locations below.	☐	☒

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 far as can be determined, flow to the WWTP is not hindered by any physical problems in the collection system and there are no studies or physical modification plans to increase flow to the WWTP. During wet weather events, there is a bottleneck occurring at the headworks that does not allow the 7.38 mg to enter the facility, which results in diverting flow to the CSO #002 coming from the west. Although the Main Lift Pumps are capable of handling the 7.38 mg flow, the Influent Channel with automatic bar screen does not allow for the flow to reach the wet well.
The plant was originally designed with two Influent locations, one of which was a designated line from a Paper Company next to the plant. The company closed in 2002, but their designated influent line to the plant is not able to be used in conjunction with the Domestic Sanitary flow, without a connection being made. Plans are being drafted to discuss this option, so that the additional channel could be employed during significant wet weather events.

BMP No. 5. Wet Weather Operating Plan (WWOP) *6 NYCRR 750-2.8(a)* *(EPA NMC: None)*	YES	NO
Does the plan identify the maximum flows through preliminary, primary, secondary treatment, tertiary, and disinfection units?	☐	☒
In the past year, did treatment of wet weather flows cause any effluent violations or destabilize treatment upon return to normal service? Describe below.	☒	☐
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?	☐	☒
In the upcoming year, are changes to the WWOP expected? Describe below.	☐	☒
When was the WWOP last updated?	1/19/2017	
When was the WWOP last submitted and approved by NYSDEC?	unknown	

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.

Due to an unknown cause, ineffective chlorination resulted in a fecal coliform exceedance during a CSO Discharge in November 2021. Although, by all accounts a sufficient dose was being applied, the Wet Weather Plan was amended to increase the dosage rate to prevent like occurrences. I am not able to determine at this time, whether the WWOP was ever submitted to the NYSDEC.

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)*	YES	NO
In the past year, were there any dry weather overflows? If no, skip to BMP No. 7.	☐	☒
Were all dry weather overflows reported via NY-Alert, in accordance with 6 NYCRR Part 750-2.7?	☐	☐
If dry weather overflows occurred, did this result in improvement of procedures or equipment?	☐	☐
Has the likelihood of future dry weather overflows been eliminated? If not, describe why below.	☐	☐

Use the space below to provide a narrative description of the both the causes of any dry weather events that occurred in the reporting year and resulting changes or improvements that were made to procedures or equipment (e.g. routine inspection schedule, OMIP, inter-municipal agreements, FOG program, removal of illicit connections, I/I Control program, leaky tidegates, adjustment and/or repair of regulators, upgraded auxiliary power, elimination of hydraulic bottlenecks, etc.).

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)*	**YES**	**NO**
In the past year, did any outfalls discharge floating solids, oil and grease, or solids of sewage origin?	◯	⊗
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)	⊗	◯
Catch basin hoods	◯	⊗
Screens	◯	⊗
In-line netting	◯	⊗
Booming and skimming of open waters	◯	⊗

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.

Historically, any floatables entering the Storm Water Detention Basin are trapped in the first bay of the tank & subsequently, pumped back to the headworks at the completion of the Wet Weather event. There were no Settleable Solids violations involving this CSO during 2021

BMP No. 8. Combined Sewer System Replacement *6 NYCRR 750-2.10(i)* *(EPA NMC: None)*	**YES**	**NO**
In the past year, were any combined sewers designed or constructed that were not approved by NYSDEC?	◯	⊗
Are there any plans or current projects to separate combined sewers into sanitary and storm sewers?	◯	⊗
Is there an approved engineering plan for the project(s)?	◯	◯
Were any cross-connections eliminated in the past year or planned for the upcoming year?	◯	⊗
In the past year, how many miles of combined sewer were separated?	0 Miles	
In the upcoming year, how many miles of combined sewer are scheduled to be separated?	0 Miles	

Use the space below to provide a narrative description of how this BMP was implemented during the reporting year. (Attach extra sheets or additional documentation, if necessary):

At present, there are no plans in place to separate any remaining combined sewers and there was no separation competed in 2021.

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BMP No. 9. Combined Sewer / Extension *6 NYCRR 750-2.10(i)* *(EPA NMC: None)*	**YES**	**NO**
In the past year, were any combined sewers extended, not using separate sewers?	☐	☒
If separate sewers were extended from combined sewers, was it demonstrated that the sewerage system had the ability to convey, and the treatment plant had the ability to adequately treat, the increased dry-weather flows?	☐	☐
If determined necessary by the Regional Water Engineer, was an assessment made of the effects of the increased flow of sanitary sewage or industrial waste on the strength of CSOs and their frequency of occurrence, including the impacts upon best usage of the receiving water?	☐	☐
Has a recent combined sewer extension resulted in increased discharge from a CSO?	☐	☒
Has a recent combined sewer extension resulted in increased flow to the POTW? Describe any CSO impacts below.	☐	☒
Is any development planned upstream of a combined sewer?	☐	☒
If yes, has a sewer extension plan been submitted for review and approval?	☐	☐
Does the plan include any flow retention, storage, or treatment structures?	☐	☐
If the approval contained a flow credit requiring removal of I/I, what was the requirement or ratio?	_____	

Use the space below to provide a narrative description of how this BMP was implemented during the reporting year. (Attach extra sheets or additional documentation, if necessary):

In 2021, there were no Combines Sewers extended and none are planned for 2022.

BMP No. 10. Connection Prohibitions *6 NYCRR750-2.9(a)(5)* *(EPA NMC: None)*	YES	NO
Are new connections prohibited by the DEC? If no, skip to BMP No. 11.	○	⊗
Is this due to basement backups?	○	○
Is this due to surcharging manholes?	○	○
In the upcoming year, is any work planned to either increase capacity or reduce hydraulic loading to the WWTP? Describe below.	○	○

Use the space below to provide a narrative description of how this BMP was implemented during the reporting year. (Attach extra sheets or additional documentation, if necessary):

BMP No. 11. Septage and Hauled Waste *6 NYCRR750-2.7(f) and 2.8(a)(1)* *(EPA NMC: None)*	YES	NO
Does the POTW accept septage or hauled waste? If no, skip to BMP No. 12.	⊗	○
In the past year, were there any discharges or releases of septage or hauled waste into the collection system upstream of a CSO?	○	⊗
Are there restrictions on when the POTW accepts hauled waste or septage?	⊗	○
Is there a dedicated location to discharge septage at the WWTP?	⊗	○
Does the facility have authorization from NYSDEC to accept hauled waste or septage at a location other than the WWTP?	○	⊗
Are any of these locations upstream of a CSO?	○	○
Have there been any changes to the POTW's policy on septage and hauled waste in the past year? Are any changes needed or planned in the upcoming year?	○	⊗

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 the Eastside WWTP, only. There is a containment area set up to receive said waste downstream of the CSO, but there is a prohibition for discharges during wet weather events that is strictly enforced. Other than arranging for timely arrivals for the two waste haulers, there were no changes in the SOP and none are planned for 2022.

BMP No. 12. Control of Run-off *6 NYCRR750- 2.1(e)* *(EPA NMC: None)*	YES	NO
Is sediment in runoff from construction zones entering catch basins in the combined sewer system?	X	
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?	X	
Is there adequate communication between the local municipal department that enforces local stormwater codes and ordinances and the collection system staff regarding stormwater runoff?	X	
Do the municipalities within the combined sewer system have adequate storm water pollution prevention programs to reduce pollutants in stormwater?	X	
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.		X

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.

Although there was little construction during 2021, all construction projects are approved through the City Engineers office and NYS Standards are implemented.

BMP No. 13. Public Notification *6 NYCRR 750-1.12* *(EPA NMC No. 8: Public Notification)*	YES	NO
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?	X	
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.		
Are all CSO events in accordance with the SPDES permit reported via NY-Alert?		X
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?	X	
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?	X	
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?		X
For all CSO communities within the Great Lakes Basin, a written PNP is required. For Great Lakes Basin communities, when was the PNP last updated? (All other communities may skip to BMP No. 14)	No info	

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.

An identification sign for Outfall #002 has been in place and is being maintained. Notification using NY Alert is only employed if a SPDES Permit requirement is violated. However, all events are posted on the City of Oswego Web Page on a per occurrence basis.

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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)*	**YES**	**NO**
Has the combined sewer system been modeled for use in determining or estimating the frequency of overflows and identifying CSO impacts?	X	
Was baseline sampling conducted as part of LTCP development?		X
Was any Post Construction Compliance Monitoring (PCCM) sampling conducted in the reporting year or planned for the upcoming year?		X
In what years does the SPDES permit, Order on Consent, or other enforcement mechanism require PCCM sampling to be conducted?	This item is still being discussed with NYSDEC	
With the available CSO data and any PCCM conducted, has the permittee verified		
Compliance with the selected LTCP approach (presumptive or demonstrative)?	X	
Attainment of water quality standards, despite any remaining CSO events?	X	

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).

A Baseline Monitoring Program was not established as part othe LTCP development. Sampling data from 2013 Wet Weather events was used to determine frequency and impact. PCMP approval for NY0029114 is still pending. See attached correspondence. Other than a fecal coliform violation, there were no permit exceedances in 2021 involving the CSO.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering 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.

Name: Daniel R. Ramer	**Official Title:** Chief Operator	**Phone:** (315)762-3489
Signature: Daniel R. Ramer	**Date:** 2/10/2022	**Email:** dramer@camdengroupusa.com

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