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Combined Sewer Overflow (CSO) Annual Report

version 1.11

(Submission #: HQA-APJR-791E5, version 1)

Details

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Permit Information

SPDES Number
NY0026689

DEC Region
3

Permittee Name
Westchester Co. Dept. of Environmental Facilities

Facility Name
Yonkers Joint Water Resource Recovery Facility

Official Name
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Official Title
Commissioner

Official's Phone Number
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CSO Program Manager Name
Steve Elie-Pierre

CSO Program Manager Title
Director of Maintenance

CSO Program Manager Phone Number
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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
13

Number of CSO Events Occurring in Reporting Year
31

Total Volume of CSO Discharged in Reporting Year (MG)
1,888.17

Percentage of Collection System, owned by the permittee, that is combined (%)
6

Approximate length (mi) of combined sewers in permittee-owned system
5.5

Population served by the permittee-owned system
509,921

Number of Publicly-Owned Sewer Systems (POSS) to the permittee-owned system
22

Number of Publicly-Owned Sewer Systems (POSS) to the Combined Sewer System
1

Number of Significant Industrial Users (SIU) connected to the CSS
16

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
1995

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.
Five phase plan. All phases completed by 1995. Enlarged South Yonkers Trunk Sewer, Built North Yonkers Relief Sewer, raised regulator weirs to maximum heights possible, built swirl concentrators at North Yonkers Pumping Station and South Yonkers Screen House.

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?
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	40.9150	73.9111	Hudson River	B	0	Other: South Yonkers Screen House	Screening, Settling, Disinfection	0	5	6	0	444.79	1524.50	Metered
003	40.9375	73.9067	Hudson River	B	0	Other: North Yonkers Pumping Station	Screening, Settling, Disinfection	21	15	16	35.6	322.49	300.27	Metered
008	40.9456	73.8989	Hudson River	B	3	Other: Tide Gate Fixed Weir	None	0	0	31	0	0	23.8	Unknown
010	40.9406	73.9008	Hudson River	B	3	Other: Tide Gate, Fixed Weir	None	0	0	31	0	0	4.3	Unknown
014	40.9569	73.8964	Hudson River	B	1	Other: Leaping Weir	None	0	0	31	0	0	1.5	Unknown
015	40.9600	73.8931	Hudson River	B	1	Other: Leaping Weir	None	0	0	31	0	0	0.1	Unknown
016	40.9619	73.8850	Hudson River	B	1	Other: Leaping Weir	None	0	0	31	0	0	1.6	Unknown
017	40.9878	73.8886	Hudson	B	1	Other: Leaping Weir	None	0	0	31	0	0	0.0	Unknown
018	40.9236	70.9053	Hudson River	B	3	Other: Tide Gate, Fixed Weir	None	0	0	31	0	0	9.7	Unknown
021	40.9283	73.9036	Hudson River	B	1	Fixed Weir	None	0	0	31	0	0	3.2	Unknown
022	40.9231	73.9028	Hudson River	B	2	Other: Tide Gate, Fixed Weir	None	0	0	31	0	0	1.0	Unknown
025	40.9375	73.9031	Hudson River	B	1	Other: Tide Gate, Fixed Weir	None	0	0	31	0	0	4.7	Unknown
030	40.9228	73.9075	Hudson River	B	3	Fixed Weir	None	0	0	31	0	0	13.5	Unknown

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
The 11 unmetered outfall annual number of events are estimated based on cleanings of trash rack in outfall #25 and North Yonkers CSO events totaled as a waterbody wide number. Total annual sum volume of discharge is based off 2006-2011 flow monitoring program annual average of 63.4 MG. Total at each unmetered outfall is annual average volume of 5-year flow monitoring from 2006-2011. For baseline, the 1986 Facilities Planning Report estimated 80 CSO events per year. SWMM blocks do not align.

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
6

Baseline - Approximate length (mi) of combined sewers owned by the permittee
5.5

Baseline - Number of CSO Outfalls owned by the permittee
2

Baseline - Number of CSO Events
80

Baseline - Annual CSO Volume discharged (MG)
59.7

Baseline - Population Served by the CSS
509,921

Baseline - Number of Satellite System Connections
22

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
6

Future - Approximate length (mi) of combined sewers owned by the permittee
5.5

Future - Number of CSO Outfalls owned by the permittee
2

Future - Number of CSO Events
33

Future - Annual CSO Volume Discharged (MG)
830.68

Future - Population Served by the CSS
543,797

Future - Number of Satellite System Connections
22

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.
Combined sewers and unmetered outfalls are owned by City of Yonkers. County trunk sewers are downstream and are receiving sewers from CSO regulators. County owns CSO regulators (CSO regulators were built on City of Yonkers combined sewers). All County owned sewers are separate sewers that receive combined sewerage. County owns 5.5 miles of trunk sewer and 4 pumping stations within the CSO area in the City of Yonkers. Outside the CSO area, the County owns, maintains and operates eight additional pumping stations. In total within the seven County sewer districts that flow to the Yonkers Joint WRRF, the County owns, maintains and operates approximately 92 miles of trunk sewer, 1,990 sewer manholes, and 12 sanitary sewer pumping stations.

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.
Construction of six (6) air release vaults and installation of new air release valves at various locations along an existing 54-inch diameter force main which runs approximately 5,800 lf. between the North Yonkers Pump Station and the Yonkers Joint Water Resource Recovery Facility, within the CSO area. Replacing 20 lf. of the dry weather sanitary sewer out of regulator 017 (Odell Avenue). Cleaned and televised approximately 1,331 lf. of 14-inch sewer in the South Yonkers Trunk Sewer, south of the Ludlow PS in the CSO area.

all the cleaning, CCTV and rehab work we are doing outside the CSO areas in the Green Mountain Contract, etc. I've included last year's submission for your use.

Upcoming Year Information

Summarize significant LTCP and PCCM projects planned and milestones due for the upcoming year.
Continue cleaning and inspection program of County sewers as needed. Finalizing design of upgrades to Main Street pumping station, Ludlow Street pumping station and Alexander Street Pumping Station with construction scheduled to start in 2025. Continuing design of upgrades and rehabilitation to the Alexander Street Influent Chambers and Channels to the North Yonkers Pumping Station. Construction scheduled to start in 2025 for the upgrade of the Alexander Street Pumping Station. Construction continuing for the rehabilitation of County Trunk Sewers to reduce I/I and fix structural defects at various County Sewer Districts, including the 7 Yonkers districts.

Part V - CSO Best Management Practices (BMPs)

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

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?
No

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

Are there existing inter-municipal agreements which specify responsibilities for inspection, maintenance, and/or repair?
No

Is the collection system mapped using GIS?
Yes, portions of the system (only interceptors & sewer pipes)

Is the collection system monitored using a SCADA system or other flow monitoring system?
No

In the upcoming year, is installation, upgrade, or expansion of monitoring with SCADA/Other system planned?
No

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.
Yes

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,

Cleaned/ Inspected approximately 1,331 lf of County owned sewer within CSO area in City of Yonkers. Inspected and cleaned as needed CSO regulators, and tide gates. Under the Phase II Sewer Rehabilitation Project; excavated and replaced MH 5391. Rehabilitated Manhole 3488 and MH 3143.

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).
5,000 gal. Tanker Truck purchased in 2024. Planned purchase for Jet Truck in 2025. Cleaned/Inspected and televised approximately 1,331 lf of sewer in the South Yonkers. Reports of floatables in 2024 reduced after installation of trach rack in 2022.

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?
1995

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.
Tidegate Maintenance/Repair/Replacement

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.).

New tide gates installed in 2020 under USEPA administrative order. Trash rack installed in regulator #025. Cleaned/ Inspected 603 lf of County owned sewer within CSO area in City of Yonkers. Cleaned/ Inspected approximately 29,470 lf of County owned separate sewers outside of CSO area. Constructed and installed trash rack in Regulator #025 in 2022 to assist with floatable controls. County anticipates continuing cleaning/ inspection of County owned sewers as needed in 2025.

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?
Yes

Are there any restrictions on industrial user discharges to the collection system during wet-weather events?
No

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?
No

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.

N/A

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)?
200.00

What is the permit required minimum flow during wet weather events through primary treatment (in MGD)?
225.00

What is the permit required minimum flow during wet weather events through secondary treatment (in MGD)?
138.00

What is the permit required minimum flow during wet weather events through disinfection (in MGD)?
225.00

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).

Hydraulic conditions in the County owned facilities in the CSO area were addressed in the LTCP construction that was completed by 1995. The LTCP was completed and constructed in five phases. The plan involved enlarging the South Yonkers Trunk Sewer, building relief sewers, raising the CSO regulator weirs to minimize the discharge of pollutants, and convey the maximum amount of combined sewage to the treatment facilities at the North Yonkers Pump Station, the South Yonkers Screen House, and the Yonkers Joint Wastewater Resource Recovery Facility. This work has maximized the use of the collection system capacity for storage. The LTCP construction was completed in 1995. The County is in the Post Construction Monitoring phase of the LTCP.

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.
No

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?
2013

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.

No changes implemented or anticipated.

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?
Screens

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.

The South Yonkers Screen House and North Yonkers Pump Station CSO facilities have swirl concentrators for the control of floatables and settleable solids. The roads, catch basins and the combined sewer system collection system is owned, operated and maintained by the City of Yonkers. Complaints of floatables were received from Outfall #025. In response, the County constructed and installed a trash rack in Regulator #025 in Dec 2022. Complaint volume has been markedly reduced since installation.

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.

The roads, catch basins and the combined sewer system collection system is owned, operated and maintained by the City of Yonkers.

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?
3:1

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

The roads, catch basins and the combined sewer system collection system is owned, operated and maintained by the City of Yonkers.

Review and approval of public sewer system extensions are the purview of the Westchester County Department of Health.

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?
Yes

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.

Septage waste is permitted to be discharged at the Hawthorne Septage Receiving Station. All disposal at the Hawthorne Receiving Station shall be suspended when the flow measured at the North Yonkers Pumping Station (NYPS) reaches 50 mgd and there is ongoing precipitation. Disposal at the Hawthorne Receiving Station shall remain suspended during the entire CSO event at the NYPS. In 2024, 13,180,720 Gallons of septage was received at Hawthorne.

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.

The roads, catch basins and the combined sewer system collection system is owned, operated and maintained by the City of Yonkers.

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?
No

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?
No

For all CSO communities within the Great Lakes Basin, a written PNP is required. Is your community within the Great Lakes Basin?
No

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.

On May 1, 2013 the Sewage Pollution Right to Know Law took effect. The Law requires notification to NYSDEC within 2 hours and the Public within 4 hours of becoming aware of an illicit sewage discharge. The County has interpreted the law to also include permitted discharges from the CSO treatment facilities at the North Yonkers Pumping Station and Yonkers Joint WWTP. WCDEF makes notification through NY Alert as required by the NYSDEC within the times required by the SPRTK Law.

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?
No

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?
Yes

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

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).

The County conducted a 5 year flow monitoring program from 2006 to 2011. For the entire 5 year flow monitoring period, it is estimated that the percent capture of combined sewage at the Yonkers Joint Wastewater Resource Recovery Facility and the CSO Treatment Facilities was approximately 98.1%. The county conducted river sampling programs in 2007 and 2014 to determine if the CSO discharges are impacting river water quality. The bacteriological results dissolved oxygen profiles of these two sampling programs indicate the current CSO program is adequate to protect river water quality. The sampling program was conducted again in 2022 and the results were submitted in 2023.

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

csobmpcert_sgned.pdf - 02/28/2025 03:16 PM

Comment

NONE PROVIDED

Attachments

Date	Attachment Name	Context	User
2/28/2025 3:16 PM	csobmpcert_sgned.pdf	Attachment	Steve Elie-Pierre