



## VILLAGE OF BOONVILLE

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April 28, 2022

**TO: USEPA** – NPDES\_CS0@epa.gov  
**NYSDEC** – NYSDEC Regional Engineer/Region 6  
Matthew Duffany ( [Matthew.Duffany@dec.ny.gov](mailto:Matthew.Duffany@dec.ny.gov) )

**SUBJECT:** Village of Boonville CSO Public Notification Annual Report

In accordance with USEPA document entitled "Public Notification Requirements for Combined Sewer Overflows to the Great Lakes Basins", the Village of Boonville respectfully submits this Annual Report for the period of January 1 – December 31, 2021. The Report, which covers CSO's listed under SPDES Permits, NY-0020494, 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.

During 2021 there were 2 CSO events reported to the public from one outfall (*NY0020494 Outfalls #002*), as follows:

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 which answers the other questions in numbers 1 – 8.ii.

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

Kenneth Scherrieble  
Chief Operator



## Village of Boonville CSO events for 2021

### SPDES permit # NY-0020494

Date	Precipitation	Duration	Volume	Cause	NY-Alert
August 19	5.74"	12 hours	.238 MG	Wet Weather	Reported
October 26	4.40"	6 hours	.060 MG	Wet Weather	Reported

### Village of Boonville CSO SPDES testing

#### SPDES permit # NY-0020494

Date	Oil & Grease	BOD	TSS
August 19	< 5 mg/l	*	*
October 26	1.6 mg/l	17 mg/l	21 mg/l

\*Operator coving event forgot to put on automatic sampler. This was noted and emphasized in the WWOP for overflow events and posted locations to remind personnel to turn on samplers during events.



# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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## COMBINED SEWER OVERFLOWS ANNUAL REPORT

**GENERAL INSTRUCTIONS:** The Combined Sewer Overflows (CSO) Annual Report is consistent with the EPA CSO Long-Term Control Policy requiring permitting authorities to report “Measures of Success” of the policy implementation. Hence, the goal of this report is to obtain information regarding:

1. Compliance with the 15 CSO Best Management Practices,
2. The condition and operation of the combine sewer system (CSS) components. Most importantly, the end-of-pipe measures that show trends in the discharge of CSS flows to the receiving water body, such as reduction of pollutant loadings, the frequency of CSOs, and the duration of CSOs,
3. Receiving water body measures that show trends of the conditions in the water body to which the CSO occurs;
4. Overall status of the CSO Long-Term Control Plan (LTCP) and Post Construction Compliance Monitoring (PCCM) Program,
5. Key CSO control accomplishments and design and construction progress in the reporting year, and
6. Planned modifications or projects affecting operations, maintenance, or installation of CSO controls, and sewer separations for the upcoming year.

**Permittees must complete ALL parts of the form.** Please be aware that this annual report form template highlights the minimum requirements a permittee is expected to submit. If additional space is needed for the narrative response, please provide the responses as an attachment to the Form. Permittees are obligated to complete abatement activities to ensure compliance with the Clean Water Act. This report is also consistent with *6NYCRR Part 750-2.1(i)*. Please DO NOT provide copies of the State Pollutant Discharge Elimination System (SPDES) Permit, Order on Consent, Wet Weather Operating Plan (WWOP), or Mercury Minimization Program (MMP) as attachments to this Annual Report Form.

This CSO BMP Annual Report Form must be submitted to the Regional Office and the Bureau of Water Compliance (Albany) by January 31<sup>st</sup> of each year (unless otherwise specified in the SPDES permit). Information on the NYSDEC CSO Program, including the current Form, can be found online at <https://www.dec.ny.gov/chemical/48595.html>. Any other questions or issues with completing this Form should be directed to Steve Wood, CSO Program Coordinator, Bureau of Water Compliance via email ([steven.wood@dec.ny.gov](mailto:steven.wood@dec.ny.gov)) or via phone at (518) 402-8129.

SPDES Permit Number: NY-0020494  
NYSDEC Region: 6  
Permittee Name: Village of Boonville  
Facility Name (if applicable): Village of Boonville  
Reporting Year: 2021



Department of  
Environmental  
Conservation

## 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	1
Number of CSO events occurring in reporting year	2
Percentage of the collection system, owned by the permittee, that is combined	8
Approximate length (mi) of combined sewers in the permittee-owned system	8.1
Population served by the permittee owned system	2082
Number of publicly owned sewer system (POSS) connections	0
Number of non-POSS satellite system connections	0
Number of significant industrial users (SIU) connected to the combined sewer system	0

When was the LTCP Submitted?		Not Required	<input checked="" type="checkbox"/>
When was the LTCP Approved?		Pending	<input type="checkbox"/>
What was/is the selected approach?	Presumptive (4-6 events)		
	Presumptive (85% capture)		Demonstrative <input type="checkbox"/>
	Presumptive (Equivalent Load)		
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	<input type="checkbox"/>	Not Yet Conducted/Started	<input type="checkbox"/>
Submitted	<input type="checkbox"/>	Baseline Sampling Conducted	<input type="checkbox"/>
Approved	<input type="checkbox"/>	In Progress	<input type="checkbox"/>
Not Yet Required	<input type="checkbox"/>	Previously Conducted	<input type="checkbox"/>
No Requirement	<input type="checkbox"/>	Not Yet Required	<input type="checkbox"/>

When was the latest PCCM Report Submitted to NYSDEC?	
Was the selected CSO Policy Approach Criteria achieved?	<input type="radio"/> Yes <input type="radio"/> No
Was water quality found to be attained?	<input type="radio"/> Yes <input type="radio"/> 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.

No CSO outfalls in collection system, Section D information relates to the overflow retention facility (ORF). Because an LTCP was never required, baseline and post BMP implementation information was never formally established. Therefore, BMP implementation information presented is based on average conditions from 2010 - 2014.

**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 29 19	75 19 41	Mill Creek, ClassC	2	Influent weir/overflow weir	Settling/floatables

## 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		1	2	143.505	0.0015	0.298	Metered
<b>TOTAL</b>							





**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.	100	8
Approximate no. of miles of combined sewers in the permittee owned system	8.1	.63
No. of combined sewer outfalls in the permittee owned system	2	1
Avg. annual no. of CSO events in the permittee owned system	3	2
Avg. annual CSO volume discharged from the permittee owned system (MG)	143.505	.298
Population served by the permittee owned system	2220	2082
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.

Nothing to note

# 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.

There were no significant improvements in 2021

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

a major rehabilitation of sewer interceptor line in Mill Creek running from Post Street to Mill Street is under design and may be bid out in 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	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Maximize Use of the Collection System for Storage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Industrial Pretreatment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Maximize Flow to POTW	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wet Weather Operating Plan (WWOP)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Prohibition of Dry Weather Overflows	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Control of Floatables and Settleable Solids	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Combined Sewer System Replacement	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Combined Sewer / Extension	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Connection Prohibitions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Septage and Hauled waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Control of Runoff	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Public Notification	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Characterization and Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## 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?	<input checked="" type="radio"/>	<input type="radio"/>
What is the minimum frequency of CSO inspections (Yes = weekly or No = monthly)?	<input checked="" type="radio"/>	<input type="radio"/>
Are inspections conducted during both dry and wet weather?	<input checked="" type="radio"/>	<input type="radio"/>
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?	<input checked="" type="radio"/>	<input type="radio"/>
Are the inspection reports submitted to the DEC regional office with the monthly operating reports?	<input type="radio"/>	<input checked="" type="radio"/>
Indicate which of the following additional components are included in the plan:		
Pump Stations	<input type="radio"/>	<input checked="" type="radio"/>
Sewer Pipes & Interceptors	<input type="radio"/>	<input checked="" type="radio"/>
Sewer Manholes and Catch Basins	<input type="radio"/>	<input checked="" type="radio"/>
CSO Outfalls	<input checked="" type="radio"/>	<input type="radio"/>
CSO Controls (e.g. Regulators, Screening/Storage/Treatment facilities)	<input checked="" type="radio"/>	<input type="radio"/>
Are there existing inter-municipal agreements which specify responsibilities for inspection, maintenance, and/or repair?	<input type="radio"/>	<input checked="" type="radio"/>
When was the IMA(s) last reviewed for revision or update?	_____	
Is the collection system mapped using GIS?	<input checked="" type="radio"/>	<input type="radio"/>
The entire system, including manholes and catch basins?	<input type="radio"/>	<input checked="" type="radio"/>
Only portions of the system?	<input checked="" type="radio"/>	<input type="radio"/>
If the collection system is not mapped using GIS, is GIS mapping planned?	<input checked="" type="radio"/>	<input type="radio"/>
Is the collection system monitored using a SCADA system or other flow monitoring system?	<input type="radio"/>	<input checked="" type="radio"/>
In the past year, was progress made to install, upgrade, or expand monitoring with SCADA?	<input type="radio"/>	<input checked="" type="radio"/>
In the upcoming year, is installation, upgrade, or expansion of SCADA planned?    Yes        No	<input type="radio"/>	<input checked="" type="radio"/>
Does the municipality have an asset management program in place that includes the collection system?	<input type="radio"/>	<input checked="" type="radio"/>

## COMBINED SEWER OVERFLOWS ANNUAL REPORT

BMP No. 1. CSO Maintenance/Inspection - <i>Continued</i>	YES	NO
Have any work efforts or problems in the past year resulted in changes in overflows? If yes, describe below.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Proactive (focusing on preventative maintenance to avoid problems)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p><b>Use the space below to provide a narrative description of the following:</b></p> <ul style="list-style-type: none"> <li>a) Lengths of sewer cleaned and inspected,</li> <li>b) Number of manholes and catch basins cleaned and inspected,</li> <li>c) Any repairs or replacements conducted in the CSS,</li> <li>d) Any large equipment purchases made in the reporting year or planned for the upcoming year (e.g. vacuum trucks, pumps, etc.)</li> <li>e) any work efforts or problems in the past year that resulted in changes to the collection system maintenance and inspection program,</li> <li>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).</li> </ul>		
<p>3,965 feet of main was jetted            17 Catch basins were cleaned in 2021            A new skid steer was purchased in 2021</p> <p>No other improvements are issues</p>		

## COMBINED SEWER OVERFLOWS ANNUAL REPORT

<b>BMP No. 2. Maximum Use of Collection System for Storage</b> 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?	<input checked="" type="radio"/>	<input type="radio"/>
Has the hydraulic capacity of the system been evaluated?	<input checked="" type="radio"/>	<input type="radio"/>
When was the hydraulic capacity last evaluated?	2019 _____	
Have regulators and weirs ever been adjusted/modified to maximize storage?	<input checked="" type="radio"/>	<input type="radio"/>
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	<input type="radio"/>	<input checked="" type="radio"/>
FOG program	<input type="radio"/>	<input checked="" type="radio"/>
Removal of small systems bottlenecks	<input type="radio"/>	<input checked="" type="radio"/>
Sewer cleaning and sediment removal	<input checked="" type="radio"/>	<input type="radio"/>
Removal of flow obstructions	<input checked="" type="radio"/>	<input type="radio"/>
Regulator or weir adjustment - list locations below	<input checked="" type="radio"/>	<input type="radio"/>
In-line storage: Inflatable dams or sluice gates	<input type="radio"/>	<input checked="" type="radio"/>
<p>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.).</p> <p>Moved weir to assure maximum flow can be conveyed to the treatment plant.</p>		

## COMBINED SEWER OVERFLOWS ANNUAL REPORT

<b>BMP No. 3. Industrial Pretreatment</b> 6 NYCRR 750-2.7(f) and 2.9(a)(4) <i>(EPA NMC No. 3 &amp; 7: Review and Modification of Pretreatment Requirements &amp; Pollution Prevention Programs to Reduce Contaminants in CSOs)</i>	YES	NO
Is there an approved pretreatment or mini-pretreatment program? (If neither exist <u>and</u> no nondomestic users, select NO & go to BMP No. 4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the pretreatment program consider CSOs in the calculation of local limits?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the impact on CSOs from nondomestic users that discharge toxic pollutants been evaluated, and steps taken to minimize such impacts?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is there an inventory of industrial dischargers?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are there any restrictions on IU discharges to the collection system during wet weather events?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are there any industrial discharges that could reach CSO outfalls?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Do IUs upstream of CSOs discharge any bioaccumulative pollutants?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Do any IUs have a holding tank or EQ tank to store wastewater prior to discharge to the CSS?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p><b>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.</b></p> <p>There are no SUI dischargers into the system</p>		



**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: _____ MGD Secondary: _____ MGD	4.0	2.2
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
In the past year, was the secondary treatment works able to treat the flows specified in the permit for all wet weather flows?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	<input type="checkbox"/>	<input checked="" type="checkbox"/>
In the past year, have any new problem areas been identified that restrict flow to the plant? List locations below.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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).  The manual bar rack is a pinch point at the plant. If it is not raked hourly it will cause a surge when it is raked and can cause the flow entering the facility to overwhelm the Hydraulic capacity of the influent splitter box and jump the overflow weir to the ORF. This was the cause of one of the overflows into the ORF in 2021.		

**COMBINED SEWER OVERFLOWS ANNUAL REPORT**

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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
In the past year, did treatment of wet weather flows cause any effluent violations or destabilize treatment upon return to normal service? Describe below.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
In the upcoming year, are changes to the WWOP expected? Describe below.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
When was the WWOP last updated?	12/21	
When was the WWOP last submitted and approved by NYSDEC?	12/21	
<p>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.</p> <p>A full WWOP plan was written that included operational methods to assure minimum flows go through the facility.</p>		

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.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Were all dry weather overflows reported via NY-Alert, in accordance with 6 NYCRR Part 750-2.7?	<input type="checkbox"/>	<input type="checkbox"/>
If dry weather overflows occurred, did this result in improvement of procedures or equipment?	<input type="checkbox"/>	<input type="checkbox"/>
Has the likelihood of future dry weather overflows been eliminated? If not, describe why below.	<input type="checkbox"/>	<input type="checkbox"/>
<p>Use the space below to provide a narrative description of the both the <b>causes</b> of any dry weather events that occurred in the reporting year and <b>resulting changes or improvements</b> 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.).</p>		

## COMBINED SEWER OVERFLOWS ANNUAL REPORT

<b>BMP No. 7. Control of Floatables and Settleable Solids</b> 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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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)	<input type="checkbox"/>	<input type="checkbox"/>
Catch basin hoods	<input type="checkbox"/>	<input type="checkbox"/>
Screens	<input type="checkbox"/>	<input type="checkbox"/>
In-line netting	<input type="checkbox"/>	<input type="checkbox"/>
Booming and skimming of open waters	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>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.</b></p>          		

<b>BMP No. 8. Combined Sewer System Replacement</b> 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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are there any plans or current projects to separate combined sewers into sanitary and storm sewers?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is there an approved engineering plan for the project(s)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Were any cross-connections eliminated in the past year or planned for the upcoming year?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
In the past year, how many miles of combined sewer were separated?	_____ Miles	
In the upcoming year, how many miles of combined sewer are scheduled to be separated?	_____ Miles	
<p><b>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):</b></p>          		

### COMBINED SEWER OVERFLOWS ANNUAL REPORT

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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has a recent combined sewer extension resulted in increased discharge from a CSO?	<input type="checkbox"/>	<input type="checkbox"/>
Has a recent combined sewer extension resulted in increased flow to the POTW? Describe any CSO impacts below.	<input type="checkbox"/>	<input type="checkbox"/>
Is any development planned upstream of a combined sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If yes, has a sewer extension plan been submitted for review and approval?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the plan include any flow retention, storage, or treatment structures?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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):		

## COMBINED SEWER OVERFLOWS ANNUAL REPORT

<b>BMP No. 10. Connection Prohibitions</b> 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.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is this due to basement backups?	<input type="checkbox"/>	<input type="checkbox"/>
Is this due to surcharging manholes?	<input type="checkbox"/>	<input type="checkbox"/>
In the upcoming year, is any work planned to either increase capacity or reduce hydraulic loading to the WWTP? Describe below.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p><b>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):</b></p>          		

<b>BMP No. 11. Septage and Hauled Waste</b> 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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
In the past year, were there any discharges or releases of septage or hauled waste into the collection system upstream of a CSO?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are there restrictions on when the POTW accepts hauled waste or septage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there a dedicated location to discharge septage at the WWTP?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Does the facility have authorization from NYSDEC to accept hauled waste or septage at a location other than the WWTP?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are any of these locations upstream of a CSO?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p><b>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.</b></p> <p>Septage is conveyed to a dedicated receiving station that goes directly into the sludge holding tanks. This is combined with secondary sludge and pressed to landfill.</p>          		

## COMBINED SEWER OVERFLOWS ANNUAL REPORT

<b>BMP No. 12. Control of Run-off</b> 6 NYCRR 750- 2.1(e) (EPA NMC: None)	YES	NO
Is sediment in runoff from construction zones entering catch basins in the combined sewer system?	<input type="radio"/>	<input checked="" type="radio"/>
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?	<input checked="" type="radio"/>	<input type="radio"/>
Is there adequate communication between the local municipal department that enforces local stormwater codes and ordinances and the collection system staff regarding stormwater runoff?	<input checked="" type="radio"/>	<input type="radio"/>
Do the municipalities within the combined sewer system have adequate storm water pollution prevention programs to reduce pollutants in stormwater?	<input type="radio"/>	<input type="radio"/>
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.	<input type="radio"/>	<input checked="" type="radio"/>
<p><b>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.</b></p> <p>Planned repairs to the Mill Creek interceptor.</p>		

<b>BMP No. 13. Public Notification</b> 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?	<input checked="" type="radio"/>	<input type="radio"/>
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?	<input checked="" type="radio"/>	<input type="radio"/>
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?	<input checked="" type="radio"/>	<input type="radio"/>
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?	<input type="radio"/>	<input checked="" type="radio"/>
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?	<input type="radio"/>	<input type="radio"/>
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)	_____	
<p><b>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.</b></p> <p>Currently the Village utilizes signage and the NY-Alert system</p>		

**COMBINED SEWER OVERFLOWS ANNUAL REPORT**

<b>BMP No. 14. Characterization and Monitoring</b> (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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Was baseline sampling conducted as part of LTCP development?	<input type="checkbox"/>	<input type="checkbox"/>
Was any Post Construction Compliance Monitoring (PCCM) sampling conducted in the reporting year or planned for the upcoming year?	<input type="checkbox"/>	<input type="checkbox"/>
In what years does the SPDES permit, Order on Consent, or other enforcement mechanism require PCCM sampling to be conducted?	_____	
With the available CSO data and any PCCM conducted, has the permittee verified:		
Compliance with the selected LTCP approach (presumptive or demonstrative)?	<input type="checkbox"/>	<input type="checkbox"/>
Attainment of water quality standards, despite any remaining CSO events?	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>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).</b></p> <p>There is no LTCP</p>		

<p><i>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.</i></p>		
Name: <b>Kenneth G Scherrible</b>	Official Title: <b>Chief Operator</b>	Phone: <b>315) 245-4444</b>
Signature: Kenneth G Scherrible <small>Digitally signed by Kenneth G Scherrible Date: 2022.02.11 08:08:18 -05'00'</small>	Date: <b>2/11/2022</b>	Email: <b>info@camdengroupusa.com</b>

## COMBINED SEWER OVERFLOWS ANNUAL REPORT

### GLOSSARY/ACCRONYMS

For the purposes of this annual report, the following terms and acronyms are described below:

**Best Management Practice (BMP):** Schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the state. BMPs also include treatment requirements (if determined necessary by the permittee), operating procedures, and practices to control plant site runoff, spillage and leaks, sludge or waste disposal, or drainage from raw material storage.

**Bypass:** The intentional or unintentional diversion of wastewater or stormwater around any portion of a treatment facility having the effect of reducing the degree of treatment designed for the bypassed portion of the treatment facility.

**Catch Basin:** A chamber usually built at the curblin of a street, which admits surface water for discharge into a storm drain.

**Combined Sewer Overflows (CSO):** A discharge from a combined sewer system (CSS) at a point before the POTW wastewater treatment plant.

**Combined Sewer System (CSS):** A sewer system which conveys sewage and storm water through a single pipe system to a POTW wastewater treatment plant.

**CSO-related Bypass:** A bypass within the WWTP (after the headworks) that may/may not receive additional treatment or be blended with the WWTP effluent.

**Demonstration Approach:** CSO Control Policy approach where a permittee develops and implements an LTCP that meets the state water quality standards. A permittee could develop an LTCP that would provide for attainment of water quality standards, or it could use a total maximum daily load (TMDL) to *demonstrate* that water quality standards can be attained through a combination of CSO controls and other controls.

**Environmental Conservation Law (ECL):** Chapter 43-B of the Consolidated Laws of the State of New York.

**Geographic Information System (GIS):** A computer-based tool for mapping and analyzing features in the environment. GIS support a wide range of activities including water quality modeling, watershed planning, and wetlands permitting and mitigation.

**Green Infrastructure (GI):** A variety of site design techniques and structural practices used by communities, businesses, homeowners and others for managing stormwater. GI includes preserving and restoring natural landscape features (such as forests, floodplains and wetlands), and reducing the amount of land covered by impervious surfaces. Example GI practices include green roofs, pervious pavement, bioretention, rain gardens, vegetated swales, planters and stream buffers.

**Infiltration/Inflow (I/I):** Inflow is water other than wastewater that enters a sewerage system (including sewer service connections) from sources such as roof leaders, cellar drains, yard drains, area drains, foundation drains, drains from springs and swampy areas, manhole covers, cross connections between storm sewers, process and sanitary sewers, catch basins, cooling towers, storm waters, surface runoff, street wash waters, or drainage. Inflow does not include, and is distinguished from infiltration. Infiltration means water other than wastewater that enters a sewerage system (including sewer service connections) from the ground through such means as defective pipes, pipe joints, connections, or manholes. Infiltration does not include and is distinguished from inflow.

**Reporting Year:** Period of 12 months, from January to December, covering the preceding calendar year.

**Long-Term Control Plan (LTCP):** An engineering document that characterizes and assesses CSO discharge to a receiving waterbody, considering the site-specific nature of CSOs and evaluating the cost effectiveness of a range of control options/strategies. The goal of the Plan is to comply with the requirements of the Clean Water Act.

**Million Gallons per Day (MGD):** A unit of flow commonly used for wastewater discharges.

**Nine Minimum Controls (NMCs):** Nine minimum technology-based controls that CSO permittees are expected to implement to address CSO problems, without extensive engineering studies or significant construction costs, before long-term measures are taken.



## COMBINED SEWER OVERFLOWS ANNUAL REPORT

**Publicly Owned Treatment Works (POTW):** Any device or system used in the treatment (including recycling and reclamation) of municipal sewage that is owned by a municipality. This definition includes sewers, pipes, or other conveyances only if they convey wastewater to a POTW providing treatment.

**State Pollutant Discharge Elimination System (SPDES) Permit:** A permit issued by DEC, under the system established pursuant to Article 17 of the ECL and Part 750 for issuance of permits authorizing discharges to the waters of the State.

**CSO Event:** A discharge from one or more overflows from a CSS as the result of a precipitation event, that does not receive the minimum treatment specified in the CSO Control Policy II.C.4.a.

**Presumption Approach:** CSO Control Policy approach based on the assumption that implementation of a LTCP that meets certain minimum defined performance (i.e., 4-6 untreated overflow events or 85 percent by volume capture) criteria will be adequate meet water quality standards.

**Sewage:** The water-carried human or animal wastes from residences, buildings, industrial establishments or other places, together with such groundwater infiltration and surface water as may be present. The admixture with sewage as above defined of industrial wastes or other wastes as hereafter defined, shall also be considered sewage.

**Sanitary Sewer Overflow (SSO):** A discharge of untreated or partially treated sewage from a sanitary sewer system.

**Separate Sewer System (SSS):** A public or privately owned pipe lines or conduits, pumping stations, force mains, and all other constructions, devices, and appliances appurtenant thereto, used for conducting storm water, sewage, industrial waste or other wastes, alone or in combination to a disposal system.

**Supervisory Control And Data Acquisition (SCADA):** A complex computer system that provides automatic control of stormwater storage and overflows at various locations within the sewer system.

**Untreated Sewage:** Sewage that has not entered the treatment plant of a sewage treatment works.

**Upcoming Year:** Period of 12 months, from January to December, covering the current calendar year.

**Volume Discharged:** Total discharge volume for a period of time (e.g. a CSO event or a Reporting Year) from a given CSO outfall(s).

**Volume Captured:** Total volume for a period of time (e.g. a CSO event or a Reporting Year) that were either captured via an offline treatment facility before discharge or diverted to the WWTP for treatment.

**Wet Weather Operating Plan (WWOP):** Written procedures detailing how to treat maximum flows through the WWTP, while not appreciably diminishing effluent quality or destabilizing treatment upon return to dry weather operation.

**Wastewater Treatment Plant (WWTP) / Sewage Treatment Works:** A facility for the purpose of treating, neutralizing or stabilizing sewage, including treatment or disposal plants, the necessary collection, intercepting, out fall and outlet sewers, pumping stations integral to such plants or sewers, equipment and furnishings thereof and their appurtenances.

**Water Quality Standards (WQS):** Regulations that establish the uses for which surface waters of the state are protected and include numeric and narrative criteria to protect those uses.

