

comparison of 2023 Billable Wastewater Flows (ratified 04/09/24 by the Binghamton-Johnson City Joint Sewage Board)
to 2023 Non-Billable Wastewater Flows (with prior year comparisons)

The figures below do not include 729,953 ccf (583,360,623 gallons) discharged from DEC-permitted Combined Sewer Overflow (CSO) structures, DEC-regulated Sanitary Sewer Overflows (SSO), or by-passes (which, together, constituted 8.24% of 2023 total wastewater flows).

2023 TOTAL INFLUENT FLOWS

8,685,499 ccf

(ccf = 100 cubic foot "unit")

(= 6,496,260,000 gallons)

+4.53% (or +377,074 ccf) from 2022

During 2023, the JSTF received and treated wastewater flows from the City of Binghamton and the Village of Johnson City (*which jointly own the JSTF*), as well as from the Towns of Vestal, Kirkwood, Dickinson, Union, Binghamton, Conklin, Fenton, Chenango (8 properties connected via the Town of Union), the Village of Port Dickinson, and Binghamton University.

2023 BILLABLE FLOWS

3,112,651 ccf
(= 2,328,426,268 gallons)

2023 NON-BILLABLE FLOWS

5,572,848 ccf
(= 4,167,833,732 gallons)

includes DEC-permitted Combined Sewer (CS) wastewater within the Owners' sewer collection systems, as well as inflow and infiltration (I/I) into all Municipal User sewer collection systems.

%
OF TOTAL

35.84%

-0.23% (or -7,068 ccf)
from 2022

64.16%

+7.40% (or +384,142 ccf)
from 2022

data via NYS-DEC Sewage Pollution *Right to Know* home page (URL: https://www.dec.ny.gov/fs/data/SPRTK_Data.xlsx)

REPORTED* 2023 SEWAGE DISCHARGES FROM COLLECTION SYSTEMS TRIBUTARY TO THE BINGHAMTON-JOHNSON CITY JOINT SEWAGE TREATMENT PLANT

VOLUME (gallons)*	SPDES #	DISCHARGE BEGINNING DATE	DISCHARGE LOCATION	Reported Conditions (if any)	NOTES/COMMENTS/REMARKS
25,338,023	NY0020222	05/05/23	[JC-CSOs] 720 Riverside Drive, JC [former Goudy Station]	"Heavy Rain"	32 hours, 40 minute duration (includes 05/06/23)
3,600,000	NY0020222	12/18/23	[JC-CSOs] 720 Riverside Drive, JC [former Goudy Station]	"Heavy Rain"	5.8 hours duration (CSO #1 and CSO #2)
28,938,023	NY0020222		2023 subtotal for [JC-CSOs]		
164,100	NY0024406	04/30/23	[BGM-CSOs] 30 Pennsylvania Avenue, BGM	"Heavy Rain"	23 minute duration
67,544,000	NY0024406	04/30/23	[BGM-CSOs] 30 Pennsylvania Avenue, BGM	"Rain all day: Heavy Rain"	18.5 hours duration (includes 05/01/23)
8,778,800	NY0024406	06/26/23	[BGM-CSOs] 30 Pennsylvania Avenue, BGM	"Heavy Rain"	1 hour, 45 minute duration
61,088,500	NY0024406	07/03/23	[BGM-CSOs] 30 Pennsylvania Avenue, BGM	"T-storms, Heavy rain"	9 hours duration
11,293,800	NY0024406	07/09/23	[BGM-CSOs] 30 Pennsylvania Avenue, BGM	"Heavy Rain/T-Storms"	report covers 2.25 hours of discharges from CSOs #1, #2, #3, #4, & #5
28,769,000	NY0024406	07/27/23	[BGM-CSOs] 30 Pennsylvania Avenue, BGM	"T-STORM/HEAVY RAIN"	report covers 3 hours of discharges from CSOs #1, #2, #3, #4, & #5
8,998,500	NY0024406	08/04/23	[BGM-CSOs] 30 Pennsylvania Avenue, BGM	"Heavy Rain"	report covers 1.75 hours of discharges from CSOs #2, #3, #4, & #5
849,700	NY0024406	08/07/23	[BGM-CSOs] 30 Pennsylvania Avenue, BGM	"Heavy Rain"	56 minute duration
46,316,400	NY0024406	08/17/23	[BGM-CSOs] 30 Pennsylvania Avenue, BGM	"T-storms, Heavy rain"	report covers 4.75 hours of discharges from CSOs #1, #2, #3, #4, & #5
19,063,200	NY0024406	08/25/23	[BGM-CSOs] 30 Pennsylvania Avenue, BGM	"heavy rain"	report covers 3.5 hours of discharges from CSOs #1, #2, #3, #4, & #5
5,158,700	NY0024406	09/07/23	[BGM-CSOs] 30 Pennsylvania Avenue, BGM	"Heavy Rain"	2 hour, 15 minute duration
63,385,500	NY0024406	10/06/23	[BGM-CSOs] 30 Pennsylvania Avenue, BGM	"Heavy Rain"	report covers 16.25 hours of discharges from CSOs #1, #2, #3, #4, & #5
4,547,500	NY0024406	12/03/23	[BGM-CSOs] 30 Pennsylvania Avenue, BGM	"Heavy Rain"	report covers 1.5 hours of discharges from CSOs #1, #2, #3, #4, & #5
185,979,800	NY0024406	12/17/23	[BGM-CSOs] 30 Pennsylvania Avenue, BGM	"Heavy Rain"	report covers 31 hours of discharges from CSOs #1, #2, #3, #4, & #5
511,937,500	2023 subtotal		for 30 Pennsylvania Avenue, BGM		▲ (includes 12/18/23)
100 [e]	NY0024406	02/07/23	[BGM-CSOs] 999 Vestal Avenue, BGM	plugged pipe	[e] - estimated volume; sewer plugged with debris resulting in CSO discharge;
100	2023 subtotal		for 999 Vestal Avenue, BGM		
7,306,900	NY0024406	06/14/23	[BGM-CSOs] 3 Murray Street, BGM	"Heavy Rain"	3 hours, 45 minute duration
633,300 [e]	NY0024406	06/23/23	[BGM-CSOs] 3 Murray Street, BGM	"Heavy Rain"	report covers 53 minutes of discharges from CSOs #1, #2, & #3
10,289,500	NY0024406	07/02/23	[BGM-CSOs] 3 Murray Street, BGM	"Heavy Rain"	report covers 9.25 hours of discharges from CSOs #1, #2, #3, & #4
2,465,200	NY0024406	07/21/23	[BGM-CSOs] 3 Murray Street, BGM	"T-storms, Heavy Rain"	report covers 64 minutes of discharges from CSOs #2, #3, & #4
459,100	NY0024406	08/24/23	[BGM-CSOs] 3 Murray Street, BGM	"heavy rain"	report covers 48 minutes of discharges from CSOs #3 & #4
8,000,000 [e]	NY0024406	08/25/23	[BGM-CSOs] 3 Murray Street, BGM	"heavy rain"	report covers 8 hours of discharges from CSOs #1, #2, #3, & #4
12,881,500	NY0024406	09/11/23	[BGM-CSOs] 3 Murray Street, BGM	"Heavy rain"	report covers 2.5 hours of discharges from CSOs #1, #2, #3, & #4
42,035,500	2023 subtotal		for 3 Murray Street, BGM		
447,000	NY0024406	06/12/23	[BGM-CSOs] 1 Laurel Avenue, BGM	"Heavy Rain"	report covers 45 minutes of discharges from CSOs #1 & #3
447,000	2023 subtotal		for 1 Laurel Avenue, BGM		
554,420,100	NY0020222		2023 subtotal for [BGM-CSOs]		
2,500 [e]	NY700034	04/01/23	[Dickinson-SSO] 222 Glenwood Avenue, BDC	blockage/root intrusion	30-50 minute duration; grinder pump turned off
2,500	NY700034		2023 subtotal for [Town of Dickinson-SSO]		
none	NY0024414		[JSTP] 4480 Vestal Road, Vestal		
none	NY0024414		2023 subtotal for [JSTP]		
583,360,623	GRAND TOTAL FOR 2023 FROM COLLECTION SYSTEM TRIBUTARY TO JSTP				
-or-	(26 occurrences)				
779,953	ccf				

* - based on reports filed by the Discharger with NYS Department of Environmental Conservation in accordance with the New York *Sewage Pollution Right to Know Act* (SPRTKA).