

Appendix E  
2022 CSO Monitoring Report





# Office of the Town Administrator

## Town of Montague

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Turners Falls, MA 01376

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March 1, 2023

U.S. Environmental Protection Agency  
Water Enforcement, OES4-SMR  
5 Post Office Square, Suite 100  
Boston MA 02109-3912

Re: Combined Sewer Overflow Annual Report 2022  
Corresponding Corrective Action Report

As required by the Town's NDPES Permit, this letter contains the Combined Sewer Overflow (CSO) Annual Report, along with a Corrective Action Report based on findings.

The Town maintains two CSO's located at:

	<u>Latitude</u>	<u>Longitude</u>
#01	42o 34' 45" N	72o 34' 24" W
#02	42o 36' 16" N	72o 33' 38" W

01 - Greenfield Road, discharge is immediately adjacent to the treatment facility located at 34 Greenfield Road. This receives flow from the regulator on Greenfield Rd.

02 - Power St., discharge is immediately adjacent to a small building owned by the power company. This receives flow from the regulator at the intersection of 7th & L St. and from the regulator on Avenue A, located by the southerly entrance to the Food City shopping area.

Although the DPW and Town vendors performed some inspections of the CSOs during 2022, the Town cannot attest that the inspections were performed on a monthly frequency, that the results were recorded, or that records were maintained.

Corrective Action Report: The Town is working with RCAP solutions to develop job aids and reporting templates to ensure timely inspection and reporting practices are maintained, with proper procedures to be implemented in 2023. Note that the Town maintains a contract for maintenance, notification and reporting for CSO and other flow meters installed in our system and that vendor performed three routine service inspections to inspect, calibrate, and install new batteries in those flow meters. The Town has also developed and implemented a final CSO Notification Plan in January 2023.

Respectfully,

Steven Ellis, MPA  
Town Administrator

*Electronic CC: Jack Melcher (EPA), Matthew Sokop (DEP), Dan Kurpaska (DEP), Tom Bergeron*

Summary of CSO Events in 2022

MONO001

CSO Outfall Location: 01 42° 34' 45" N 72° 34' 24" W Greenfield Road near WPCF

	Greenfield&M1	Total	Duration	Start	Stop	Rain
January	None					
February	None					
March	W1	1,097	0:20:00	3/7/2022 22:20	3/7/2022 22:40	0.23
	W2	5,062	1:00:00	3/31/2022 22:35	3/31/2022 23:35	0.68
April	W1	962	0:20:00	4/8/2022 4:00	4/8/2022 4:20	1.09
	W2	2,416	0:47:00	4/19/2022 4:58	4/19/2022 5:45	1.11
May	W1	182	0:10:00	5/28/2022 18:35	5/28/2022 18:45	0.6
June	None					
July	None					
August	None					
September	W1	797	0:25	9/13/2022 19:35	9/13/2022 20:00	0.6
	W2	22	0:08	9/19/2022 19:56	9/19/2022 20:04	1.09
October	W1	91	0:10:00	10/5/2022 9:40	10/5/2022 9:50	0.6

**MONO002**

**CSO Outfall Location: 02 42° 36' 16" N 72° 33' 38" W Adjacent to Power Canal**

	<b>Ave_A_CSO M2</b>	<b>Total</b>	<b>Duration</b>	<b>Start</b>	<b>Stop</b>	<b>Rain</b>
January	None					
February	None					
March	W1	596	0:10:00	3/7/2022 21:40	3/7/2022 21:50	0.53
	W2	25,630	0:55:00	3/31/2022 21:50	3/31/2022 22:45	0.68
April	W1	272	0:05:00	4/8/2022 3:25	4/8/2022 3:30	1.09
May	W1	652	0:05:00	5/22/2022 19:40	5/22/2022 19:45	0.53
	W2	70,728	0:25:00	5/28/2022 17:45	5/28/2022 18:10	0.6
June	None					
July	W1	299	0:05:00	7/18/2022 23:35	7/18/2022 23:40	0.86
July	W2	2,948	0:10:00	7/28/2022 19:25	7/28/2022 19:38	0.29
August	W1	2080	0:10:00	8/22/2022 17:35	8/22/2022 17:45	1.97
September	W1	104118	0:25:00	9/13/2022 18:50	9/13/2022 19:15	0.91
	W2	270	0:05:00	9/19/2022 19:15	9/19/2022 19:20	1.09
October	W1	49,049	0:35:00	10/5/2022 8:45	10/5/2022 9:20	0.85
	W2	8,747	0:05:00	10/5/2022 12:15	10/5/2022 12:15	
	W3	21,443	0:30:00	10/13/2022 20:10	10/13/2022 20:40	0.69
	W4	7,009	0:20:00	10/17/2022 21:30	10/17/2022 21:50	0.32
November	W1	499	0:05:00	11/12/2022 7:25	11/12/2022 7:30	0.97
December	None					

**MONO002**

**CSO Outfall Location: 02 42° 36' 16" N 72° 33' 38" W Adjacent to Power Canal**

Location	7th&L M2	Total	Duration	Start	Stop	Rain (inches)
January	None					
February	W1	5,380	6:15	2/4/2022 2:35	2/4/2022 8:50	1.19
	W2	2,010	0:10:00	2/18/2022 6:40	2/18/2022 6:50	0.16
	W3	712	2:30:00	2/22/2022 18:30	2/22/2022 21:00	0.91
March	W1	2,809	0:25:00	3/7/2022 21:30	3/7/2022 21:55	0.53
	W2	295	0:10:00	3/19/2022 22:15	3/19/2022 22:25	0.81
	W3	1,077	1:05:00	3/31/2022 21:50	3/31/2022 22:55	0.68
April	W1	2,734	2:30:00	4/8/2022 1:15	4/8/2022 3:45	1.09
	W2	704	0:55:00	4/19/2022 4:15	4/19/2022 5:10	1.11
May	W1	128	0:10:00	5/28/2022 17:45	5/28/2022 17:55	0.6
June	None					
July	None					
August	W1	2,080	0:10:00	8/22/2022 17:35	8/22/2022 17:45	1.97
September	W1	67	0:05:00	9/13/2022 7:50	9/13/2022 7:55	0.91
	W2	17828	0:35:00	9/13/2022 18:50	9/13/2022 19:25	
	W3	547	0:05:00	9/19/2022 17:15	9/19/2022 17:20	1.09
	W4	1698	1:00:00	9/19/2022 18:30	9/19/2022 19:30	
	W5	56	0:05:00	9/22/2022 7:15	9/22/2022 7:20	0.88
	W6	740	0:20:00	9/22/2022 8:05	9/22/2022 8:25	
October	W1	10,561	0:25:00	10/5/2022 8:50	10/5/2022 9:15	0.085
	W2	463	0:15:00	10/13/2022 20:20	10/13/2022 20:35	0.69
	W3	45	0:05:00	10/17/2022 21:40	10/17/2022 21:45	0.32
November	W1	578	0:10:00	11/11/2022 20:05	11/11/2022 20:15	1.88
	W2	2,758	0:20:00	11/12/2022 7:20	11/12/2022 7:40	0.97
December	W1	1623	0:20:00	12/23/2022 15:50	12/23/2022	1.01