

2022 CSO Discharge Summary

SUEZ - Springfield, MA

Discharge Summary By Site				Monitoring Method
Site	Watershed	# of Events	Total Volume	
CSO 017	Mill River	11	591,449	downstream ultrasonic level
CSO 019	Mill River	3	9,143,801	upstream ultrasonic level
CSO 024	Mill River	5	93,000	downstream ultrasonic level
CSO 025	Mill River	13	950,000	downstream ultrasonic level
CSO 045	Mill River	15	2,652,000	downstream ultrasonic level
CSO 046	Mill River	25	1,662,355	downstream ultrasonic level
CSO 048	Mill River	11	2,459,000	downstream ultrasonic level
	Mill River Total =	83	17,551,604	
CSO 034	Chicopee River	12	761,000	downstream ultrasonic level
CSO 035	Chicopee River	6	1,175,000	downstream ultrasonic level
CSO 037A	Chicopee River	5	245,000	downstream ultrasonic level
CSO 036A	Chicopee River	8	1,404,000	downstream ultrasonic level
	Chicopee River Total =	31	3,585,000	
CSO 007	Connecticut River	0	0	downstream ultrasonic level
CSO 008	Connecticut River	8	7,636,000	inclinometer & velocity meter
CSO 010	Connecticut River	40	97,086,000	downstream ultrasonic level
CSO 011	Connecticut River	4	402,781	upstream ultrasonic level
CSO 012	Connecticut River	40	79,712,000	downstream ultrasonic level
CSO 013	Connecticut River	17	29,949,000	downstream ultrasonic level
CSO 014	Connecticut River	37	20,392,000	downstream ultrasonic level
CSO 015A	Connecticut River	12	2,455,000	downstream ultrasonic level
CSO 015B	Connecticut River	11	654,000	downstream ultrasonic level
CSO 016	Connecticut River	38	109,642,000	downstream ultrasonic level
CSO 018	Connecticut River	5	166,000	downstream ultrasonic level
CSO 042 WWTF	Connecticut River	8	6,099,016	weir ultrasonic level
CSO 049	Connecticut River	40	6,932,000	downstream ultrasonic level
	Connecticut River Total =	260	361,125,797	
	System Total =	374	382,262,401	
WWTP Sec Bypass	Connecticut River	2	6,100,000	calculation

Discharge Summary By Month		
Month	Avg Rain	Total Volume
January	1.88	6,353,000
February	4.17	39,855,000
March	3.17	13,010,355
April	4.95	68,079,000
May	2.99	23,816,086
June	1.85	18,892,363
July	3.85	58,139,679
August	2.20	7,504,000
September	5.63	58,907,459
October	3.54	22,007,000
November	4.17	42,866,460
December	4.12	22,832,000
Total	42.51	382,262,401

Rainfall Summary	
Site	Total Rain
RG01	44.90
RG02	39.62
RG03	44.23
RG04	41.49
Average	42.56
WWTP Rain	39.90