

Lynn, MA
Summer Street Overflow - Site CSO-003
2021 Overflow Summary (01/01/21 - 12/31/21)

Overflow Event	Start Date	Start Time	End Date	End Time	Discharge Volume (mg)	Peak Flow Rate 15-minute (mgd)	Total Rainfall (inches)	Peak Rainfall Intensity (inches/hour)
1	1/16/2021	9:45	1/16/2021	11:20	0.074	2.001	0.89	0.04
2	3/28/2021	15:20	3/28/2021	16:15	0.031	1.53	0.41	0.02
3	4/16/2021	9:40	4/16/2021	14:15	0.135	1.247	0.22	0.01
4	4/29/2021	15:55 21:05	4/29/2021	17:05 22:45	0.034 0.114	1.185 3.152	0.01	0.00
5	05/05/21	3:55	5/5/2021	4:50	0.021	0.929	0.72	0.03
6	05/28/21	21:55			0.183	2.635	1.09	0.04
7	06/22/21	16:20	5/29/2021	7:30	0.602	3.657	1.56	0.07
8	07/01/21	22:55	6/22/2021	20:20	0.454	4.375	1.29	0.05
9	07/02/21	5:15	07/02/21	1:30	0.068	3.659	1.78	0.08
10	07/03/21	10:05	07/02/21	6:45	0.125	4.075		
11	07/03/21	21:30	07/03/21	20:15	0.313	4.591	1.50	0.06
12	07/06/21	18:00	07/03/21	0:20	0.200	4.172	0.25	0.01
13	07/09/21	10:05	07/04/21	20:20	0.005	4.421	0.63	0.03
14	07/09/21	19:55	07/06/21	11:00	0.266	5.204	2.43	0.10
15	07/12/21	7:55	07/09/21	23:10	0.141	4.481	0.12	0.00
16	07/12/21	11:35	07/10/21	8:15	0.638	4.159	3.747	0.00
17	07/27/21	19:55	07/12/21	14:05	1.208	3.747	0.12	0.00
18	08/05/21	1:05	07/13/21	21:45	0.031	4.491	1.24	0.05
19	08/05/21	8:55	07/27/21	21:45	0.293	0.927	0.02	0.00
20	08/19/21	11:30	08/05/21	3:10	0.149	3.785	0.40	0.02
21	08/19/21	12:25	08/05/21	11:45	0.158	2.359	1.75	0.01
22	08/19/21	16:35	08/19/21	11:50	0.021	3.008		
23	08/19/21	22:25	08/19/21	15:35	0.419	3.177	2.21	0.01
24	08/22/21	8:55	08/19/21	20:15	0.237	3.848		
25	08/22/21	9:40	08/19/21	23:35	0.015	0.434		
26	08/22/21	10:55	08/22/21	9:10	0.017	3.079		
27	08/23/21	22:00	08/22/21	9:50	0.022	3.161	0.05	0.00
28	08/23/21	22:25	08/22/21	13:45	0.157	4.343		
29	08/24/21	0:30	08/23/21	22:10	0.013	2.731	0.73	0.03
30	08/24/21	13:35	08/23/21	23:25	0.132	3.170	0.17	0.01
31	09/01/21	19:15	08/24/21	12:40	0.630	4.220		
32	09/01/21	23:50	08/24/21	15:30	0.038	0.965		
33	09/02/21	1:30	09/01/21	21:35	0.082	1.814	1.49	0.05
34	09/02/21	2:45	09/01/21	0:45	0.008	1.686		
35	09/02/21	11:00	09/02/21	0:107	0.107	4.422		
36	09/02/21	11:40	09/02/21	2:10	0.115	4.311		
37	09/10/21	1:20	09/02/21	7:50	0.669	3.165	2.77	0.12
38	09/19/21	3:15	09/02/21	11:25	0.069	4.140		
39	09/26/21	5:10	09/02/21	12:15	0.053	3.930		
40	09/28/21	19:30	09/10/21	3:25	0.109	2.833	0.63	0.03
41	10/04/21	22:55	09/19/21	3:45	0.015	1.067	0.26	0.01
42	10/05/21	2:50	09/19/21	3:45	0.015	1.067	0.26	0.01
43	10/26/21	9:00	09/26/21	6:30	0.078	2.059	0.66	0.03
44	10/30/21	20:45	09/28/21	21:20	0.139	3.490	1.11	0.05
45	10/31/21	3:05	10/04/21	22:55	0.059	1.817	1.53	0.06
46	10/31/21	19:00	10/05/21	1:30	0.194	4.291	0.95	0.04
			10/05/21	4:45	0.138	3.625		
			10/05/21	4:45	0.138	3.625		
			10/26/21	9:50	0.011	0.413	1.96	0.08
			10/30/21	20:45	0.355	4.022	1.16	0.05
			10/31/21	0:25	0.013	0.908		
			10/31/21	18:15	0.878	4.780	0.67	0.03
			10/31/21	22:00	0.044	0.577		

Lynn, MA**Market Street Overflow - Site CSO-004****2021 Overflow Summary (01/01/21 - 12/31/21)**

Overflow Event	Start Date	Start Time	End Date	End Time	Discharge Volume	Peak Flow Rate 15-minute	Total Rainfall	Peak Rainfall Intensity
1	1/16/2021	10:05	1/16/2021	10:30	0.104	9.106	0.89	0.04
2	3/28/2021	15:05	3/28/2021	15:35	0.192	13.71	0.41	0.02
3	4/29/2021	15:50 21:00	4/29/2021	16:15 21:45	0.087 0.406	8.739 24.170	0.01	0.00
4	05/28/21	22:00	05/29/21	6:30	0.587 1.871	11.480 24.140	1.09 1.56	0.04 0.07
5	06/22/21	16:20 18:55 21:25	06/22/21	18:25 19:30 21:40	2.238 0.074 0.016	60.940 4.094 1.556	1.29	0.05
6	07/01/21	23:00	07/01/21	23:20	0.055	5.833		
7	07/01/21	23:40	07/02/21	0:40	0.078 0.031	1.622 2.835	0.72	0.03
8	07/02/21	1:15	07/02/21	4:55	5.171	102.600	1.78	0.08
9	07/03/21	10:05	07/03/21	21:45	2.908	56.530	1.50	0.06
10	07/06/21	18:05	07/06/21	19:10	0.972	55.370	0.63	0.03
11	07/09/21	10:05	07/09/21	17:45	8.938	82.920		
12	07/09/21	18:50	07/09/21	20:20	0.163	5.802	2.43	0.10
13	07/10/21	0:50	07/10/21	1:45	0.199	5.929	0.12	0.00
14	07/12/21	8:05	07/12/21	11:35	2.610	72.900	1.24	0.05
15	07/27/21	20:00	07/27/21	20:55	0.286	16.080	0.40	0.02
16	08/05/21	1:05	08/05/21	2:20	0.757	26.030		
17	08/05/21	9:15	08/05/21	9:50	0.179	11.620	1.75	0.08
18	08/05/21	10:40	08/05/21	11:05	0.097	8.102		
19	08/19/21	11:35	08/19/21	15:30	4.049	109.900	2.21	0.09
20	08/22/21	9:00	08/22/21	10:50	1.925	68.270	1.30	0.05
21	08/23/21	22:10	08/23/21	23:35	1.624	52.820	0.73	0.03
22	09/01/21	19:20	09/01/21	19:35	0.051	5.938		
23	09/01/21	20:20	09/01/21	20:50	0.078	5.053	1.49	0.05
24	09/01/21	23:55	09/02/21	7:00	0.036 5.743	10.510 48.310		
25	09/02/21	7:40	09/02/21	8:20	0.095	4.024	2.77	0.12
26	09/10/21	1:15	09/10/21	2:15	0.812	20.930	0.63	0.03
27	09/26/21	5:10	09/26/21	6:10	0.270	13.270	0.66	0.03
28	10/05/21	1:05	10/05/21	3:10	1.166	24.980	0.93	0.04
29	10/26/21	8:55	10/26/21	9:15	0.103	10.090	1.96	0.08
30	10/30/21	19:00	10/30/21	19:30	0.420	35.560		
31	10/30/21	21:15	10/30/21	23:05	0.365	11.150	1.16	0.05
32	10/31/21	4:50	10/31/21	6:30	0.347	0.000	0.67	0.03

Lynn, MA**Broad Street Overflow - Site CSO-005****2021 Overflow Summary (01/01/21 - 12/31/21)**

Overflow Event	Start Date	Start Time	End Date	End Time	Discharge Volume (mg)	Peak Flow Rate 15-minute (mgd)	Total Rainfall (inches)	Peak Rainfall Intensity (inches/hour)
1	1/16/2021	10:00	1/16/2021	10:45	0.743	26.370	0.89	0.04
2	3/28/2021	15:15	3/28/2021	15:35	0.682	29.15	0.41	0.02
3	4/29/2021	15:45 21:00	4/29/2021	16:20 21:50	0.527 0.984	22.590 31.630	0.01	0.00
4	05/05/21	3:40	05/05/21	4:20	0.540	20.790	0.72	0.03
5	05/28/21	21:55	05/29/21	6:40	1.853 5.770	23.660 24.650	1.09 1.56	0.04 0.07
6	06/22/21	16:20 18:55	06/22/21	18:30 19:50	2.695 0.574	46.430 17.360	1.29	0.05
7	07/02/21	1:20	07/02/21	4:35	4.610	48.010	1.78	0.08
8	07/03/21	18:10	07/03/21	21:25	3.806	33.860	1.50	0.06
9	07/06/21	18:10	07/06/21	19:05	1.373	40.840	0.63	0.03
10	07/09/21	10:05	07/09/21	17:30	11.490	56.720	2.43	0.10
11	07/09/21	19:10	07/09/21	19:55	0.780	30.620		
12	07/10/21	1:00	07/10/21	1:25	0.470	28.100	0.12	0.00
13	07/12/21	8:05	07/12/21	11:35	4.874	50.110	1.24	0.05
14	07/27/21	20:00	07/27/21	20:30	0.442	22.880	0.40	0.02
15	08/05/21	1:00	08/05/21	2:05	1.184	31.960	1.75	0.08
16	08/05/21	9:15	08/05/21	9:40	0.271	19.660		
17	08/19/21	11:35	08/19/21	15:00	5.651	66.930	2.21	0.09
18	08/22/21	9:00	08/22/21	10:40	2.862	65.030	1.30	0.05
19	08/23/21	22:10	08/23/21	23:40	2.383	45.910	0.73	0.03
20	08/24/21	0:55	08/24/21	1:30	1.373	26.590	0.17	0.01
21	09/01/21	19:20	09/01/21	19:30	0.174	26.220		
22	09/01/21	23:55	09/02/21	1:40	0.088 2.241	25.310 36.710	1.49	0.05
23	09/02/21	2:05	09/02/21	7:05	8.732	54.960	2.77	0.12
24	09/10/21	1:15	09/10/21	2:20	1.290	34.480	0.63	0.03
25	09/26/21	5:05	09/26/21	6:00	0.996	31.070	0.66	0.03
26	09/28/21	10:50	09/28/21	11:05	0.244	24.350		
27	09/28/21	19:40	09/28/21	20:05	0.346	23.280	1.11	0.05
28	10/05/21	0:10	10/05/21	0:35	0.433	27.320		
29	10/05/21	1:15	10/05/21	3:00	2.170	34.950	0.93	0.04
30	10/26/21	8:50	10/26/21	9:15	0.480	28.830	1.96	0.08
31	10/30/21	19:00	10/30/21	20:35	2.319	46.890	1.16	0.05
32	10/30/21	21:25	10/30/21	22:15	0.901	30.230		
33	10/31/21	4:50	10/31/21	5:25	0.697	27.020	0.67	0.03

Lynn, MA
Sanderson & Burrill Avenue Overflow - Site CSO-006
'2021 Overflow Summary (01/01/21 - 12/31/21)

Overflow Event	Start Date	Start Time	End Date	End Time	Discharge Volume (mg)	Peak Flow Rate 15-minute (mgd)	Total Rainfall (inches)	Peak Rainfall Intensity (inches/hour)
1	07/02/21	1:50	07/02/21	3:05	0.160	6.346	1.78	0.08
2	07/09/21	11:20	07/09/21	12:30	0.187	7.745	2.43	0.10
3	07/09/21	13:30	07/09/21	13:55	0.014	1.622	1.24	0.05
4	07/12/21	8:00	07/12/21	8:45	0.068	6.122	2.21	0.09
5	08/19/21	12:05	08/19/21	13:30	0.390	10.700	1.30	0.05
6	08/22/21	9:05	08/22/21	9:30	0.080	10.600	0.73	0.03
7	08/23/21	22:35	08/23/21	22:50	0.006	1.086	2.77	0.12
8	09/02/21	3:05	09/02/21	4:10	0.233	7.864	1.789	0.05
9	09/02/21	4:25	09/02/21	4:55	0.035	3.015	1.16	0.05
10	09/02/21	5:05	09/02/21	5:40	0.027	1.789		
11	10/30/21	19:20	10/30/21	19:35	0.022	3.323		

Lynn, MA**Groveland Street Overflow - Site CSO-006A****'2021 Overflow Summary (01/01/21 - 12/31/21)**

Overflow Event	Start Date	Start Time	End Date	End Time	Discharge Volume (mg)	Peak Flow Rate 15-minute (mgd)	Total Rainfall (inches)	Peak Rainfall Intensity (inches/hour)
1	07/02/21	2:05	07/02/21	2:45	0.029	1.476	1.78	0.08
2	07/09/21	11:20	07/09/21	20:15	0.717	4.117	2.43	0.10
3	07/12/21	8:15	07/12/21	5:45	0.022	1.518	1.24	0.05
4	08/19/21	12:05	08/19/21	13:35	0.173	5.569	2.21	0.09
5	08/22/21	9:10	08/22/21	9:35	0.044	4.075	1.30	0.05
6	08/23/21	22:35	08/23/21	22:50	0.006	0.706	0.73	0.03
7	09/02/21	3:05	09/02/21	9:40	0.518	3.167	2.77	0.12