

LYNN WATER & SEWER COMMISSION

MONTHLY CSO REPORT

Reporting Period July 2021
 Metering Location CSO-003
 Pipe Height: 17.75"
 Pipe Width: 17.25"

Day of Month	Event Start Time	Event End Time	Discharge Duration	Discharge Volume (mg)	Peak Flow Rate - 15 min. (mgd)	Total Rainfall (Inches)	Peak Rainfall Intensity (inches/hour)	Notes / Observations
1	22:55			0.051	2.086	0.72	0.03	
2		1:30	2:35:00	0.068	3.659			
	5:15	6:45	1:30:00	0.125	4.075	1.78	0.08	
3	18:05	20:15	2:10:00	0.313	4.591			
	21:30			0.200	4.172	1.50	0.06	
4		0:20	2:50:00	0.005	0.421	0.25	0.01	
5				0.000	0.000	0.05	0.00	
6	18:00	20:20	2:20:00	0.266	5.204	0.63	0.03	
7				0.000	0.000	0.04	0.00	
8				0.000	0.000	0.42	0.02	
	10:05	11:00	0:55:00	0.141	4.481	2.43	0.10	
9	19:55			0.638	4.159			
10		23:10	27:03:15	1.208	3.747	0.12	0.00	
11				0.000	0.000	0.23	0.01	
	7:55	8:15	0:20:00	0.031	4.491	1.24	0.05	
12	11:35			1.045	4.674			
		14:05	26:30:00	0.293	0.927	0.02	0.00	
13				0.000	0.000	0.00	0.00	
14				0.000	0.000	0.00	0.00	
15				0.000	0.000	0.00	0.00	
16				0.000	0.000	0.00	0.00	
17				0.000	0.000	0.09	0.00	
18				0.000	0.000	0.28	0.01	
19				0.000	0.000	0.00	0.00	
20				0.000	0.000	0.00	0.00	
21				0.000	0.000	0.20	0.01	
22				0.000	0.000	0.00	0.00	
23				0.000	0.000	0.02	0.00	
24				0.000	0.000	0.00	0.00	
25				0.000	0.000	0.12	0.00	
26				0.000	0.000	0.00	0.00	
	19:55	21:45	1:50:00	0.149	3.785	0.40	0.02	
27				0.000	0.000	0.01	0.00	
28				0.000	0.000	0.10	0.00	
29				0.000	0.000	0.35	0.02	
30				0.000	0.000	0.00	0.00	
31				0.000	0.000	0.00	0.00	
Total			68:03:15	4.533		11.00		
No. Events				14		21		

LYNN WATER & SEWER COMMISSION

MONTHLY CSO REPORT
 Reporting Period July 2021
 Metering Location CSO-004
 Pipe Height: 61.25"
 Pipe Width: 59.25"

Day of Month	Event Start Time	Event End Time	Discharge Duration (H.M)	Discharge Volume (mg)	Peak Flow Rate - 15 min. (mgd)	Total Rainfall (Inches)	Peak Rainfall Intensity (inches/hour)	Notes / Observations
1	23:00 23:40	23:20	0:20:00	0.055 0.078	5.833 1.622	0.72	0.03	
2	1:15	0:40 4:55	1:00:00 3:40:00	0.031 5.171	2.835 102.600	1.78	0.08	
3	18:05	21:45	3:40:00	2.908	56.530	1.50	0.06	
4				0.000	0.000	0.25	0.01	
5				0.000	0.000	0.05	0.00	
6	18:05	19:10	1:05:00	0.972	55.370	0.63	0.03	
7				0.000	0.000	0.04	0.00	
8				0.000	0.000	0.42	0.02	
9	10:05 18:50	17:45 20:20	7:40:00 1:30:00	8.938 0.163	82.920 5.802	2.43	0.10	
10	0:50	1:45	0:55:00	0.199	5.929	0.12	0.00	
11				0.000	0.000	0.23	0.01	
12	8:05	11:35	3:30:00	2.610	72.900	1.24	0.05	
13				0.000	0.000	0.02	0.00	
14				0.000	0.000	0.00	0.00	
15				0.000	0.000	0.00	0.00	
16				0.000	0.000	0.00	0.00	
17				0.000	0.000	0.09	0.00	
18				0.000	0.000	0.28	0.01	
19				0.000	0.000	0.00	0.00	
20				0.000	0.000	0.00	0.00	
21				0.000	0.000	0.20	0.01	
22				0.000	0.000	0.00	0.00	
23				0.000	0.000	0.02	0.00	
24				0.000	0.000	0.00	0.00	
25				0.000	0.000	0.12	0.00	
26				0.000	0.000	0.00	0.00	
27	20:00	20:55	0:55:00	0.286	16.080	0.40	0.02	
28				0.000	0.000	0.01	0.00	
29				0.000	0.000	0.10	0.00	
30				0.000	0.000	0.35	0.02	
31				0.000	0.000	0.00	0.00	
Total			24:15:00	21.411		11.00		
No. Events				11		21		

LYNN WATER & SEWER COMMISSION

MONTHLY CSO REPORT

Reporting Period July 2021
 Metering Location CSO-005
 Pipe Height: 73.00"
 Pipe Width: 52.00"

Day of Month	Event Start Time	Event End Time	Discharge Duration (H.M)	Discharge Volume (mg)	Peak Flow Rate - 15 min. (mgd)	Total Rainfall (Inches)	Peak Rainfall Intensity (inches/hour)	Notes / Observations
1				0.000	0.000	0.72	0.03	
2	1:20	4:35	3:15:00	4.610	48.010	1.78	0.08	
3	18:10	21:25	3:15:00	3.806	33.860	1.50	0.06	
4				0.000	0.000	0.25	0.01	
5				0.000	0.000	0.05	0.00	
6	18:10	19:05	0:55:00	1.373	40.840	0.63	0.03	
7				0.000	0.000	0.04	0.00	
8				0.000	0.000	0.42	0.02	
9	10:05	17:30	7:25:00	11.490	56.720	2.43	0.10	
	19:10	19:55	0:45:00	0.780	30.620			
10	1:00	1:25	0:25:00	0.470	28.100	0.12	0.00	
11				0.000	0.000	0.23	0.01	
12	8:05	11:35	3:30:00	4.874	50.110	1.24	0.05	
13				0.000	0.000	0.02	0.00	
14				0.000	0.000	0.00	0.00	
15				0.000	0.000	0.00	0.00	
16				0.000	0.000	0.00	0.00	
17				0.000	0.000	0.09	0.00	
18				0.000	0.000	0.28	0.01	
19				0.000	0.000	0.00	0.00	
20				0.000	0.000	0.00	0.00	
21				0.000	0.000	0.20	0.01	
22				0.000	0.000	0.00	0.00	
23				0.000	0.000	0.02	0.00	
24				0.000	0.000	0.00	0.00	
25				0.000	0.000	0.12	0.00	
26				0.000	0.000	0.00	0.00	
27	20:00	20:30	0:30:00	0.442	22.880	0.40	0.02	
28				0.000	0.000	0.01	0.00	
29				0.000	0.000	0.10	0.00	
30				0.000	0.000	0.35	0.02	
31				0.000	0.000	0.00	0.00	
Total			20:00:00	27.845		11.00		
No. Events				8		21		

LYNN WATER & SEWER COMMISSION

MONTHLY CSO REPORT

Reporting Period July 2021
 Metering Location CSO-006
 Pipe Height: 47.75"
 Pipe Width: 35.76"

Day of Month	Event Start Time	Event End Time	Discharge Duration (H.M)	Discharge Volume (mg)	Peak Flow Rate - 15 min. (mgd)	Total Rainfall (Inches)	Peak Rainfall Intensity (inches/hour)	Notes / Observations
1				0.000	0.000	0.72	0.03	
2	1:50	3:05	1:15:00	0.160	6.346	1.78	0.08	
3				0.000	0.000	1.50	0.06	
4				0.000	0.000	0.25	0.01	
5				0.000	0.000	0.05	0.00	
6				0.000	0.000	0.63	0.03	
7				0.000	0.000	0.04	0.00	
8				0.000	0.000	0.42	0.02	
9	11:20	12:30	1:10:00	0.187	7.745	2.43	0.10	
	13:30	13:55	0:25:00	0.014	1.622			
10				0.000	0.000	0.12	0.00	
11				0.000	0.000	0.23	0.01	
12	8:00	8:45	0:45:00	0.068	6.122	1.24	0.05	
13				0.000	0.000	0.02	0.00	
14				0.000	0.000	0.00	0.00	
15				0.000	0.000	0.00	0.00	
16				0.000	0.000	0.00	0.00	
17				0.000	0.000	0.09	0.00	
18				0.000	0.000	0.28	0.01	
19				0.000	0.000	0.00	0.00	
20				0.000	0.000	0.00	0.00	
21				0.000	0.000	0.20	0.01	
22				0.000	0.000	0.00	0.00	
23				0.000	0.000	0.02	0.00	
24				0.000	0.000	0.00	0.00	
25				0.000	0.000	0.12	0.00	
26				0.000	0.000	0.00	0.00	
27				0.000	0.000	0.40	0.02	
28				0.000	0.000	0.01	0.00	
29				0.000	0.000	0.10	0.00	
30				0.000	0.000	0.35	0.02	
31				0.000	0.000	0.00	0.00	
Total			3:35:00	0.429		11.00		
No. Events				4		21		



LYNN WATER & SEWER COMMISSION

MONTHLY CSO REPORT
 Reporting Period July 2021
 Metering Location CSO-006A
 Pipe Height: 24.50"
 Pipe Width: 48.63"

Day of Month	Event Start Time	Event End Time	Discharge Duration (H.M)	Discharge Volume (mg)	Peak Flow Rate - 15 min. (mgd)	Total Rainfall (Inches)	Peak Rainfall Intensity (inches/hour)	Notes / Observations
1				0.000	0.000	0.72	0.03	
2	2:05	2:45	0:40:00	0.029	1.476	1.78	0.08	
3				0.000	0.000	1.50	0.06	
4				0.000	0.000	0.25	0.01	
5				0.000	0.000	0.05	0.00	
6				0.000	0.000	0.63	0.03	
7				0.000	0.000	0.04	0.00	
8				0.000	0.000	0.42	0.02	
9	11:20	20:15	8:55:00	0.717	4.117	2.43	0.10	
10				0.000	0.000	0.12	0.00	
11				0.000	0.000	0.23	0.01	
12	8:15	8:45	0:30:00	0.022	1.518	1.24	0.05	
13				0.000	0.000	0.02	0.00	
14				0.000	0.000	0.00	0.00	
15				0.000	0.000	0.00	0.00	
16				0.000	0.000	0.00	0.00	
17				0.000	0.000	0.09	0.00	
18				0.000	0.000	0.28	0.01	
19				0.000	0.000	0.00	0.00	
20				0.000	0.000	0.00	0.00	
21				0.000	0.000	0.20	0.01	
22				0.000	0.000	0.00	0.00	
23				0.000	0.000	0.02	0.00	
24				0.000	0.000	0.00	0.00	
25				0.000	0.000	0.12	0.00	
26				0.000	0.000	0.00	0.00	
27				0.000	0.000	0.40	0.02	
28				0.000	0.000	0.01	0.00	
29				0.000	0.000	0.10	0.00	
30				0.000	0.000	0.35	0.02	
31				0.000	0.000	0.00	0.00	
Total			10:05:00	0.768		11.00		
No. Events				3		21		

LYNN WATER & SEWER COMMISSION



Reporting Period: July
 Rain Gauge: RG01

Day of Month	Rain Gauge Rainfall (Inches)	Peak Rainfall Intensity (inches/hour)
1	0.72	0.03
2	1.78	0.08
3	1.50	0.06
4	0.25	0.01
5	0.05	0.00
6	0.63	0.03
7	0.04	0.00
8	0.42	0.02
9	2.43	0.10
10	0.12	0.00
11	0.23	0.01
12	1.24	0.05
13	0.02	0.00
14	0.00	0.00
15	0.00	0.00
16	0.00	0.00
17	0.09	0.00
18	0.28	0.01
19	0.00	0.00
20	0.00	0.00
21	0.20	0.01
22	0.00	0.00
23	0.02	0.00
24	0.00	0.00
25	0.12	0.00
26	0.00	0.00
27	0.40	0.02
28	0.01	0.00
29	0.10	0.00
30	0.35	0.02
31	0.00	0.00
Total	11.00	
No. Events	21	