

LYNN WATER & SEWER COMMISSION

MONTHLY CSO REPORT

Reporting Period September 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	19:15	21:35	2:20:00	0.082	1.814	1.49	0.05	
	23:50			0.008	1.686			
2		0:45	0:55:00	0.107	4.422	2.77	0.12	
	1:30	2:10	0:40:00	0.115	4.311			
	2:45	7:50	5:05:00	0.669	3.165			
	11:00	11:25	0:25:00	0.069	4.140			
	11:40	12:15	0:35:00	0.053	3.930			
3	12:30			0.916	3.937	0.00	0.00	
		13:25	24:55:00	0.302	0.897			
4				0.000	0.000	0.00	0.00	
5				0.000	0.000	0.00	0.00	
6				0.000	0.000	0.00	0.00	
7				0.000	0.000	0.00	0.00	
8				0.000	0.000	0.00	0.00	
9				0.000	0.000	0.50	0.02	
10	1:20	3:25	2:05:00	0.109	2.833	0.63	0.03	
11				0.000	0.000	0.00	0.00	
12				0.000	0.000	0.00	0.00	
13				0.000	0.000	0.21	0.01	
14				0.000	0.000	0.00	0.00	
15				0.000	0.000	0.00	0.00	
16				0.000	0.000	0.56	0.02	
17				0.000	0.000	0.00	0.00	
18				0.000	0.000	0.20	0.01	
19	3:15	3:45	0:30:00	0.015	1.067	0.26	0.01	
20				0.000	0.000	0.00	0.00	
21				0.000	0.000	0.00	0.00	
22				0.000	0.000	0.00	0.00	
23				0.000	0.000	0.00	0.00	
24				0.000	0.000	0.00	0.00	
25				0.000	0.000	0.43	0.02	
26	5:10	6:30	1:20:00	0.078	2.059	0.66	0.03	
27				0.000	0.000	0.00	0.00	
28	19:30	21:20	1:50:00	0.139	3.490	1.11	0.05	
29				0.000	0.000	0.00	0.00	
30				0.000	0.000	0.00	0.00	
31				0.000	0.000	0.00	0.00	
Total			40:40:00	2.662		8.82		
No. Events				13		11		

LYNN WATER & SEWER COMMISSION

MONTHLY CSO REPORT
Reporting Period September 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	19:20	19:35	0:15:00	0.051	5.938	1.49	0.05	
	20:20	20:50	0:30:00	0.078	5.053			
	23:55			0.036	10.510			
2		7:00	7:05:00	5.743	48.310			
3	7:40	8:20	0:40:00	0.095	4.024	2.77	0.12	
4				0.000	0.000	0.00	0.00	
5				0.000	0.000	0.00	0.00	
6				0.000	0.000	0.00	0.00	
7				0.000	0.000	0.00	0.00	
8				0.000	0.000	0.00	0.00	
9				0.000	0.000	0.50	0.02	
10	1:15	2:15	1:00:00	0.812	20.930	0.63	0.03	
11				0.000	0.000	0.00	0.00	
12				0.000	0.000	0.00	0.00	
13				0.000	0.000	0.21	0.01	
14				0.000	0.000	0.00	0.00	
15				0.000	0.000	0.00	0.00	
16				0.000	0.000	0.56	0.02	
17				0.000	0.000	0.00	0.00	
18				0.000	0.000	0.20	0.01	
19				0.000	0.000	0.26	0.01	
20				0.000	0.000	0.00	0.00	
21				0.000	0.000	0.00	0.00	
22				0.000	0.000	0.00	0.00	
23				0.000	0.000	0.00	0.00	
24				0.000	0.000	0.00	0.00	
25				0.000	0.000	0.43	0.02	
26	5:10	6:10	1:00:00	0.270	13.270	0.66	0.03	
27				0.000	0.000	0.00	0.00	
28				0.000	0.000	1.11	0.05	
29				0.000	0.000	0.00	0.00	
30				0.000	0.000	0.00	0.00	
31				0.000	0.000	0.00	0.00	
Total			10:30:00	7.085		8.82		
No. Events				7		11		



LYNN WATER & SEWER COMMISSION

MONTHLY CSO REPORT

Reporting Period September 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	19:20	19:30	0:10:00	0.174	26.220	1.49	0.05	
	23:55			0.088	25.310			
2		1:40	1:45:00	2.241	36.710	2.77	0.12	
3	2:05	7:05	5:00:00	8.732	54.960	0.00	0.00	
4				0.000	0.000	0.00	0.00	
5				0.000	0.000	0.00	0.00	
6				0.000	0.000	0.00	0.00	
7				0.000	0.000	0.00	0.00	
8				0.000	0.000	0.00	0.00	
9				0.000	0.000	0.50	0.02	
10	1:15	2:20	1:05:00	1.290	34.480	0.63	0.03	
11				0.000	0.000	0.00	0.00	
12				0.000	0.000	0.00	0.00	
13				0.000	0.000	0.21	0.01	
14				0.000	0.000	0.00	0.00	
15				0.000	0.000	0.00	0.00	
16				0.000	0.000	0.56	0.02	
17				0.000	0.000	0.00	0.00	
18				0.000	0.000	0.20	0.01	
19				0.000	0.000	0.26	0.01	
20				0.000	0.000	0.00	0.00	
21				0.000	0.000	0.00	0.00	
22				0.000	0.000	0.00	0.00	
23				0.000	0.000	0.00	0.00	
24				0.000	0.000	0.00	0.00	
25				0.000	0.000	0.43	0.02	
26	5:05	6:00	0:55:00	0.996	31.070	0.66	0.03	
27				0.000	0.000	0.00	0.00	
28	10:50	11:05	0:15:00	0.244	24.350	1.11	0.05	
	19:40	20:05	0:25:00	0.346	23.280			
29				0.000	0.000	0.00	0.00	
30				0.000	0.000	0.00	0.00	
31				0.000	0.000	0.00	0.00	
Total			9:35:00	14.110		8.82		
No. Events				8		11		

LYNN WATER & SEWER COMMISSION

MONTHLY CSO REPORT

Reporting Period September 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	3:05	4:10	1:05:00	0.000 0.233	0.000 7.864	1.49	0.05	
2	4:25 5:05	4:55 5:40	0:30:00 0:35:00	0.035 0.027	3.015 1.789	2.77	0.12	
3				0.000	0.000	0.00	0.00	
4				0.000	0.000	0.00	0.00	
5				0.000	0.000	0.00	0.00	
6				0.000	0.000	0.00	0.00	
7				0.000	0.000	0.00	0.00	
8				0.000	0.000	0.00	0.00	
9				0.000	0.000	0.50	0.02	
10				0.000	0.000	0.63	0.03	
11				0.000	0.000	0.00	0.00	
12				0.000	0.000	0.00	0.00	
13				0.000	0.000	0.21	0.01	
14				0.000	0.000	0.00	0.00	
15				0.000	0.000	0.00	0.00	
16				0.000	0.000	0.56	0.02	
17				0.000	0.000	0.00	0.00	
18				0.000	0.000	0.20	0.01	
19				0.000	0.000	0.26	0.01	
20				0.000	0.000	0.00	0.00	
21				0.000	0.000	0.00	0.00	
22				0.000	0.000	0.00	0.00	
23				0.000	0.000	0.00	0.00	
24				0.000	0.000	0.00	0.00	
25				0.000	0.000	0.43	0.02	
26				0.000	0.000	0.66	0.03	
27				0.000	0.000	0.00	0.00	
28				0.000	0.000	1.11	0.05	
29				0.000	0.000	0.00	0.00	
30				0.000	0.000	0.00	0.00	
31				0.000	0.000	0.00	0.00	
Total			2:10:00	0.295		8.82		
No. Events				3		11		



LYNN WATER & SEWER COMMISSION

MONTHLY CSO REPORT
 Reporting Period **September 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	1.49	0.05	
2	3:05	9:40	6:35:00	0.518	3.167	2.77	0.12	
3				0.000	0.000	0.00	0.00	
4				0.000	0.000	0.00	0.00	
5				0.000	0.000	0.00	0.00	
6				0.000	0.000	0.00	0.00	
7				0.000	0.000	0.00	0.00	
8				0.000	0.000	0.00	0.00	
9				0.000	0.000	0.50	0.02	
10				0.000	0.000	0.63	0.03	
11				0.000	0.000	0.00	0.00	
12				0.000	0.000	0.00	0.00	
13				0.000	0.000	0.21	0.01	
14				0.000	0.000	0.00	0.00	
15				0.000	0.000	0.00	0.00	
16				0.000	0.000	0.56	0.02	
17				0.000	0.000	0.00	0.00	
18				0.000	0.000	0.20	0.01	
19				0.000	0.000	0.26	0.01	
20				0.000	0.000	0.00	0.00	
21				0.000	0.000	0.00	0.00	
22				0.000	0.000	0.00	0.00	
23				0.000	0.000	0.00	0.00	
24				0.000	0.000	0.00	0.00	
25				0.000	0.000	0.43	0.02	
26				0.000	0.000	0.66	0.03	
27				0.000	0.000	0.00	0.00	
28				0.000	0.000	1.11	0.05	
29				0.000	0.000	0.00	0.00	
30				0.000	0.000	0.00	0.00	
31				0.000	0.000	0.00	0.00	
Total			6:35:00	0.518		8.82		
No. Events				1		11		

LYNN WATER & SEWER COMMISSION



Reporting Period: September
 Rain Gauge: RG01

Day of Month	Rain Gauge Rainfall (Inches)	Peak Rainfall Intensity (inches/hour)
1	1.49	0.05
2	2.77	0.12
3	0.00	0.00
4	0.00	0.00
5	0.00	0.00
6	0.00	0.00
7	0.00	0.00
8	0.00	0.00
9	0.50	0.02
10	0.63	0.03
11	0.00	0.00
12	0.00	0.00
13	0.21	0.01
14	0.00	0.00
15	0.00	0.00
16	0.56	0.02
17	0.00	0.00
18	0.20	0.01
19	0.26	0.01
20	0.00	0.00
21	0.00	0.00
22	0.00	0.00
23	0.00	0.00
24	0.00	0.00
25	0.43	0.02
26	0.66	0.03
27	0.00	0.00
28	1.11	0.05
29	0.00	0.00
30	0.00	0.00
31		
Total	8.82	
No. Events	11	