

**Lowell Wastewater Utility  
High Flow Management Monthly Summary  
January 2023 - December 2023**

Date	Clean Water Discharge		Duck Island Rain		Treated High Flow			All Diversions		
	Flow (MG)	Peak Hour (MGD)	Rain Days	Rain Inches	Event (No.)	Duration (Hours)	Volume (MG)	Event (No.)	Duration (Hours)	Volume (MG)
Jan 2023	1,068	104.2	19	5.3	9	53.4	61.2	1	7.4	19.78
Feb 2023	737	52.6	7	0.8						
Mar 2023	1,129	109.9	12	4.7	7	99.8	118.2	1	4.0	16.43
Apr 2023	874	106.7	10	4.4	3	34.7	51.5	2	4.7	18.75
May 2023	952	104.5	9	3.0	5	46.8	61.7	3	4.9	21.83
Jun 2023	809	100.6	19	7.8	12	52.6	57.0	6	6.4	101.41
Jul 2023	1,280	108.1	14	9.8	13	99.2	130.5	7	25.8	233.23
Aug 2023	1,204	110.7	12	8.9	8	79.7	95.7	7	9.4	139.84
Sep 2023	1,138	100.6	13	5.9	11	73.4	93.6	7	16.0	108.03
Oct 2023	920	99.6	7	2.2	2	10.2	10.6	2	5.7	7.78
Nov 2023	749	84.5	7	2.1	1	14.5	24.1	1	6.3	11.92
Dec 2023	1,206	105.0	13	7.5	11	152.5	234.9	4	37.9	193.54
Total	12,065		142	62.3	82	716.7	939.0	41	128.5	872.5
Max	1,280	110.7	19	9.8	13	152.5	234.9	7	37.9	233.2

Date	Barasford Street			Beaver Brook			Merrimack Street			Read Street			Tilden Street			Walker Street			Warren Street			West Street					
	Event (No.)	Duration (Hours)	Volume (MG)	Event (No.)	Duration (Hours)	Volume (MG)	Event (No.)	Duration (Hours)	Volume (MG)	Event (No.)	Duration (Hours)	Volume (MG)	Event (No.)	Duration (Hours)	Volume (MG)	Event (No.)	Duration (Hours)	Volume (MG)	Event (No.)	Duration (Hours)	Volume (MG)	Event (No.)	Duration (Hours)	Volume (MG)			
Jan 2023	1	3.3	5.22				1	3.5	3.26																1	7.4	11.3
Feb 2023																											
Mar 2023	1	3.9	6.55				1	4.0	4.73				1	0.9	0.15										1	3.4	5.0
Apr 2023	2	2.5	3.54	1	0.9	0.26	2	4.7	7.26				2	2.5	0.52				1	0.5	0.67	2	2.8	6.5			
May 2023	2	2.9	3.80	2	1.1	0.30	2	3.8	6.42				2	2.2	0.82				3	1.3	1.89	2	4.9	8.6			
Jun 2023	4	4.6	8.44	5	3.2	5.23	5	6.4	23.11	3	0.8	0.21	4	4.4	6.79	4	2.7	6.29	5	4.6	32.14	4	5.3	19.2			
Jul 2023	5	10.8	20.17	5	7.6	16.46	6	14.2	45.38	3	1.0	0.35	6	13.7	14.08	5	7.0	18.27	6	8.2	65.02	7	25.8	53.5			
Aug 2023	5	6.5	13.90	5	4.3	8.47	7	9.4	36.22	2	0.2	0.02	6	8.5	9.63	3	3.8	11.49	5	6.1	35.41	6	8.1	24.7			
Sep 2023	3	8.8	17.03	5	5.9	6.01	3	10.1	26.70				7	11.1	6.29	2	2.5	4.71	4	4.5	13.49	4	16.0	33.8			
Oct 2023	1	0.1	0.02	1	0.3	0.10	1	0.7	0.92				1	1.0	0.26				1	0.4	0.48	1	5.7	6.0			
Nov 2023				1	0.5	0.17	1	1.6	2.16				1	1.4	0.19										1	6.3	9.4
Dec 2023	3	23.5	44.91	2	5.0	6.16	3	22.8	59.75				3	10.7	4.87				2	4.6	9.85	4	37.9	68.0			
Total	27	66.8	123.58	27	28.8	43.16	32	81.2	215.91	8	1.9	0.58	33	56.5	43.60	14	15.9	40.76	27	30.2	158.95	33	123.6	246.00			
Max	5	23.5	44.91	5	7.6	16.46	7	22.8	59.75	3	1.0	0.35	7	13.7	14.08	5	7.0	18.27	6	8.2	65.02	7	37.9	68.00			