

**Lowell Wastewater Utility  
High Flow Management Monthly Summary  
January 2020 - December 2020**

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 2020	936	106.8	9	1.5	2	5.4	10.0	1	2.9	9.55
Feb 2020	849	96.8	13	2.3	5	19.1	28.1	1	2.3	5.97
Mar 2020	918	75.9	12	3.2	5	46.2	32.0	1	0.5	0.53
Apr 2020	1,147	92.5	14	4.1	10	69.3	64.5	1	11.2	8.30
May 2020	868	89.5	10	1.4	4	14.1	13.8			
Jun 2020	621	59.0	10	1.8	1	0.4	0.4	2	1.9	5.74
Jul 2020	626	97.1	11	2.0	3	12.3	10.3	3	2.5	28.15
Aug 2020	603	63.8	11	3.1	2	3.4	4.3			
Sep 2020	570	89.0	6	2.4	3	10.0	5.8	1	1.9	47.01
Oct 2020	645	74.2	10	4.7	4	31.1	19.3	1	3.4	15.55
Nov 2020	678	107.9	7	4.2	6	28.4	34.6	1	3.2	14.52
Dec 2020	993	105.6	7	5.0	7	48.2	69.9	2	8.9	21.50
Total	9,455	1,058.2	120	35.5	52	287.8	293.0	14	38.7	156.8
Max	1,147	107.9	14	5.0	10	69.3	69.9	3	11.2	47.0

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 2020	1	1.7	0.57				1	1.3	2.01				1	1.1	0.47	1	1.2	1.07	1	0.8	1.13	1	2.9	4.30
Feb 2020	1	0.8	0.07				1	2.0	2.70													1	2.3	3.20
Mar 2020							1	0.5	0.53															
Apr 2020	1	1.0	0.06	1	11.2	5.27	1	2.8	2.97															
May 2020																								
Jun 2020	2	1.3	1.22				1	1.9	3.36				1	0.2	0.10				1	0.4	1.06			
Jul 2020	2	0.9	1.30	2	1.3	0.72	2	2.5	7.32	2	0.2	0.05	3	1.8	2.46	1	0.6	2.73	3	1.8	8.67	2	1.6	4.90
Aug 2020																								
Sep 2020	1	1.8	3.24	1	1.0	1.44	1	1.7	9.02	1	0.4	0.10	1	1.7	3.02	1	1.4	5.31	1	1.6	16.38	1	1.9	8.50
Oct 2020		3.0	4.33				1	2.1	3.39				1	1.6	0.17	1	2.1	1.86				1	3.4	5.80
Nov 2020	1	1.6	2.60				1	2.7	3.45				1	3.2	0.54				1	0.9	0.73	1	3.1	7.20
Dec 2020	2	3.1	4.40				2	4.7	4.90				1	0.7	0.22				1	0.6	1.08	2	8.9	10.90
Total	11	15.1	17.79	4	13.4	7.43	12	22.2	39.65	3	0.6	0.15	9	10.2	6.98	4	5.2	10.97	8	6.0	29.05	9	24.1	44.80
Max	2	3.1	4.40	2	11.2	5.27	2	4.7	9.02	2	0.4	0.10	3	3.2	3.02	1	2.1	5.31	3	1.8	16.38	2	8.9	10.90