

Cramahe-Colborne Industrial Park - 2017 Capacity Assessment - Compiled Flow Information

Pipe Reach	User	Comments	Water Records			Design			Estimated				Assumed			
			Avg Use (m3/d)	Avg Use (L/s)	Notes	Avg Flow (L/s)	Special Peak (L/s)	Peak Flow (L/s)	Notes	Avg Flow (L/s)	Special Peak (L/s)	Peak Flow (L/s)	Avg Flow (L/s)	Special Peak (L/s)	Peak Flow (L/s)	
A-B	CCC Plastics	Office and process	21	0.24	Assuming 24-hr workday, 7 days/wk	0.16	0.14	0.46	Assuming design flow, 10-hr workday	0.13	-	0.26	Assuming water record less tower evap @80 gal/hr, avg across yr/wk/24hr	0.16	0.14	0.46
A-B	EMS Building	Facilities and truck wash	N/A	N/A	No water record available	0.10	1.11	1.32	Assuming max day design and peak flows	0.10	1.11	1.32	Assuming max day design and peak flows	0.10	1.11	1.32
A-B	Cam Tran (Grafton)	Office and process	24	1.46	Assuming 8-hr workday, 4 days/wk	0.31	0.17	0.79	Assuming design flow, 10-hr workday	0.73	0.17	1.63	Assuming 50% of water record, 8-hr workday, 4 days/wk	0.73	0.17	1.63
H-B	Waste Transfer Station	Washroom and floor drain	N/A	N/A	No water record available	0.02	0.45	0.48	Assuming design flow, 10-hr workday	0.02	0.45	0.48	Same as design flow (no water record available)	0.02	0.45	0.48
H-B	Real-Flex Building	Office and food processing	0.1	0.005	Assuming 8-hr workday, 5 days/wk	0.78	-	1.56	Assuming design flow, 10-hr workday	0.005	-	0.01	Assuming water record all flow, 8-hr workday, 5 days/wk	0.78	-	1.56
B-J	Cam Tran	Office and process	4	0.24	Assuming 8-hr workday, 4 days/wk	0.04	-	0.08	Assuming design flow, 10-hr workday	0.16	-	0.31	Assuming employees per site investigation, 8-hr workday	0.16	-	0.31
J-D	Anixter (HD Supply)	Office and warehouse	0.6	0.03	Assuming 8-hr workday, 5 days/wk	0.16	-	0.31	Assuming design flow, 10-hr workday	0.03	-	0.06	Assuming water record all flow, 8-hr workday, 5 days/wk	0.16	-	0.31
J-D	Durham Transport	Office and truck wash	3.5	0.17	Assuming 8-hr workday, 5 days/wk	0.06	0.17	0.29	Assuming design flow, 10-hr workday	0.06	0.17	0.29	Same as design flow (water record inconsistent)	0.06	0.17	0.29
E-D	Big Apple	Highway rest-stop	N/A	N/A	No water record available	0.92	-	1.83	Assuming design flow, 10-hr workday	-	-	-	Excluded from analysis	-	-	-
D-F	Ultramar	Washrooms and restaurant	2.6	0.09	Assuming 8-hr workday, 7 days/wk	0.25	1.48	1.98	Assuming avg day design flow, 10-hr workday	0.83	1.48	3.14	Assuming max day design and peak flows for prop. development, avg over 12 hrs	0.83	1.48	3.14
D-F	Tim Hortons	Restaurant	13	0.45	Assuming 8-hr workday, 7 days/wk	0.22	3.24	3.68	Assuming avg day design flow, 10-hr workday	0.46	3.24	4.17	Assuming max day design and peak flows, avg over 12 hrs	0.46	3.24	4.17
						3.03		12.80					3.46		13.68	