

REGION OF PEEL MULTI-USE DEMAND TABLE

WATER CONNECTION

Connection Point		
300mm watermain on South Service Road		
Pressure zone of connection point		
	Residential	Total
Total equivalent population to be serviced¹⁾	950	950
Total lands to be serviced (ha)	0.44	0.44

Hydrant Flow Test	
Hydrant Flow Test Location 1	Hydrant Flow Test Location 2
84 S Service Rd, Mississauga, ON L5G 2R9	60 S Service Rd, Mississauga, ON L5G 2R9

	Pressure (kPa)	Flow (ln l/s)	Time
Minimum water pressure	410	201	9:55
Maximum water pressure	437	0	9:45

No.	Water demands			
	Demand type		Prop. Building	Total
			Residential	
1	Average day flow (L/s)		3.08	3.08
2	Maximum day flow (L/s)		6.16	6.16
3	Peak hour flow (L/s)		9.24	9.24
4	Fire flow (L/s) ²⁾		83.30	83.30
Analysis				
5	Maximum day plus fire flow (L/s)		89.46	89.46
6	Peak hour flow (L/s)		9.24	9.24
7	Maximum demand flow (L/s)		89.46	89.46

WASTEWATER CONNECTION			
Connection points ³⁾ :		Ex 250mm sanitary sewer on South Service Road	Total
Total Lands to be serviced (ha):		0.44	0.44
Total equivalent population to be serviced⁴⁾:	Residential	950	950
	Retail⁵⁾	0	0
	Total	950	950
8	Wastewater Sewer Effluent (m³/s):	0.016	0.016

¹⁾ Please refer to design criteria for population equivalencies

²⁾ Please reference the Fire Underwriters Survey Document

³⁾ Please specify the connection point (wastewater line or manhole ID)

⁴⁾ Please complete as many uses are necessary for the development.

⁵⁾ Retail flows determined based on floor area per OBC occupancy. Refer to attached calculations.