

Connection Demand Table

Comprehensive FSR – 1303 Lakeshore Road East, City of Mississauga

WATER CONNECTION

Connection point ³⁾			
Existing 300 mm dia. PVC watermain at the northeast corner of Lakeshore Road East & Fergus Avenue			
Pressure zone of connection point			1
Total equivalent population to be serviced ¹⁾			456 persons
Total lands to be serviced			0.32 ha
Hydrant flow test			
Hydrant flow test location			
Approximately 50m east of Lakeshore Road East & Fergus Avenue intersection			
	Pressure (kPa)	Flow (in l/s)	Time
Minimum water pressure	579	45.74	NA
Maximum water pressure	586	86.69	NA

Note: Hydrant flow test performed by Classic Fire Protection Inc. dated July 30, 2021

No.	Water demands		
	Demand type	Demand	Units
1	Average day flow	1.48	l/s
2	Maximum day flow	2.96	l/s
3	Peak hour flow	4.44	l/s
4	Fire flow ²⁾	100.00	l/s
Analysis			
5	Maximum day plus fire flow	102.96	l/s

WASTEWATER CONNECTION

Connection point ⁴⁾		Existing 250 mm dia. sanitary sewer along Fergus Avenue approximately 10m north of Lakeshore Road East
Total equivalent population to be serviced		456 persons
Total lands to be serviced		0.32 ha
6	Wastewater sewer effluent (in l/s)	6.45

¹⁾ Please refer to design criteria for population equivalencies

²⁾ Please reference the Fire Underwriters Survey Document

³⁾ Please specify the connection point ID

⁴⁾ Please specify the connection point (wastewater line or manhole ID)

Also, the “total equivalent population to be serviced” and the “total lands to be serviced” should reference the connection point. (the FSR should contain one copy of Site Servicing Plan)

Please include the graphs associated with the hydrant flow test information table
Please provide Professional Engineer's signature and stamp on the demand table
All required calculations must be submitted with the demand table submission.

