

Crozier Consulting Engineers
File: 1856-5524
Date: June 2020

Wyndham Residence
15728 Airport Road
Town of Caledon, Region of Peel

Region of Peel Connection Demand Table

WATER CONNECTION

Connection point ³⁾ 300mm dia. watermain on Airport Road			
Pressure zone of connection point		8B	
Total equivalent population to be serviced ¹⁾		405	
Total lands to be serviced		0.96 ha	
Hydrant flow test			
Hydrant flow test location		N/A	
	Pressure (kPa)	Flow (in l/s)	Time
Minimum water pressure	N/A	N/A	N/A
Maximum water pressure	N/A	N/A	N/A

No.	Water demands		
	Demand type	Demand	Units
1	Average day flow	1.41	l/s
2	Maximum day flow	1.97	l/s
3	Peak hour flow	4.22	l/s
4	Fire flow ²⁾	133.3	l/s
Analysis			
5	Maximum day plus fire flow	135.27	l/s

WASTEWATER CONNECTION

Connection point ⁴⁾ 450mm dia. sanitary sewer on Airport Road	
Total equivalent population to be serviced	405
Total lands to be serviced	0.96 ha
6	Wastewater sewer effluent (in l/s)
	5.90

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.

Detailed calculations of water demand and wastewater flows are provided in Appendices A and B respectively of the Functional Servicing and Preliminary Stormwater Management Report (Crozier Consulting Engineers, June 2020)