

Connection Demand Table

WATER CONNECTION

Connection point ³⁾			
300mm GLEN BRIN DR WATERMAIN			
Pressure zone of connection point			
Total equivalent population to be serviced ¹⁾		852	
Total lands to be serviced		1.80 Ha	
Hydrant flow test			
Hydrant flow test location			
	Pressure (kPa)	Flow (in l/s)	Time
Minimum water pressure	399.9	19.80	
Maximum water pressure	413.6	73.4	

No.	Water demands		
	Demand type	Demand	Units
1	Average day flow	2.76	l/s
2	Maximum day flow	5.52	l/s
3	Peak hour flow	8.20	l/s
4	Fire flow ²⁾	100.00	l/s
Analysis			
5	Maximum day plus fire flow	108.28	l/s

WASTEWATER CONNECTION

Connection point ⁴⁾		250
Total equivalent population to be serviced ¹⁾		852
Total lands to be serviced		1.80 Ha
6	Wastewater sewer effluent (in l/s)	11.49



- 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.