

 LEA Consulting Ltd. Consulting Engineers and Planners	Connection Demand Table			
	Prepared:	F.M.	Page No.	C-04
Project: 3016-3032 KIRWIN AVE & LITTLE JOHN LANE City Of Mississauga	Checked:	M.D.		
	Proj. #	21111		
	Date:	11-Nov-22		

Connection Demand Table

WATER CONNECTION

Connection Point	Kirwin Ave
Pressure zone of connection point	Zone 2
Total equivalent population to be serviced	297 Based on Region of Peel 2020 Criteria
Total lands to be serviced	0.392 ha

HYDRANT FLOW TEST

Hydrant flow test location	KIRWIN AVE		
	Pressure (kPa)	Flow (l/s)	Time
Minimum water pressure	20	332.8	
Maximum water pressure	76	63.1	

No.	Wate Demand	Demand	Units
	Demand type		
1	Average day flow	0.96	l/s
2	Maximum day flow	1.93	l/s
3	Peak hour flow	2.89	l/s
4	Fire flow	166.67	l/s
Analysis			
5	Maximum day plus fire flow	168.59	l/s

HYDRANT FLOW TEST

Connection Point	Existing 300mm Watermain on Kirwin Ave
Total equivalent population to be serviced	297
Total lands to be serviced	0.392 ha
Standard Wastewater Sewer Effluent (L/s)	13.08
Actual Wastewater Sewer Effluent (L/s)	4.33