

Kincardine Drinking Water System 2016 Summary Report

Required under:
Drinking Water System Regulation O. Reg. 170/03
Schedule 22

Reporting Period Covered by this Report
January 1 – December 31, 2016

Part 1 Issues of Non-Compliance

The following table lists the requirements of the Act, Regulations, Drinking Water Works Permit, Municipal Drinking Water Licence and any Order that the system failed to meet during the reporting period, the duration and the measures taken to correct each failure.

Drinking Water Legislation	Requirements the System Failed to Meet	Duration	Corrective Actions
None	None	None	None

Part 2 Assessment of Flow Rates and Quantities of Water Supplied

The following tables list the quantities and flow rates of the water supplied to the distribution system during the reporting period covered by this report, including monthly average and maximum daily flows, and a comparison to the rated capacity specified in the system Municipal Drinking Water Licence. The rated capacity is 11,563 m³/day. There is no maximum flow rate specified for water supplied to the distribution system.

Month	Average Daily Flow (m³/day)	% Average Day Flow/ Rated Capacity	Maximum Daily Flow (m³/day)	% Maximum Day Flow/ Rated Capacity
January	2,705	23 %	3,070	27 %
February	2,365	20 %	3,668	32 %
March	2,258	20 %	2,546	22 %
April	2,422	21 %	2,831	24 %
May	3,227	28 %	4,043	35 %
June	4,256	37 %	5,760	50 %
July	4,597	40 %	5,531	48 %
August	3,912	34 %	5,267	46 %
September	3,053	26 %	4,846	42 %
October	2,484	21 %	3,532	31 %
November	2,141	19 %	2,512	22 %
December	2,159	19 %	2,441	21 %
Annual	2,965	26 %	5,760	50 %

Month	Average Daily Flow Rate (L/s)	Maximum Daily Flow Rate (L/s)
January	38.8	141
February	43.4	144
March	46.2	137
April	40.0	140
May	40.3	143
June	50.4	147
July	53.6	141
August	44.4	93
September	36.4	139
October	28.7	142
November	24.6	140
December	25.6	138
Annual	39.4	147