

Flow Data	JULY	Units	2016		2017		2018	
			Day of the Month		Day of the Month		Day of the Month	
Total Raw Water		m ³		179150		205490		163390
Raw Maximum Day		m ³	Saturday 09th	6320	Sunday 23rd	6950	Sunday 15th	5460
Raw Minimum Day		m ³	Monday 04th	5360	Monday 24th	6370	Thursday 5th	4870
Raw Average Daily Consumption		m ³		5780		6630		5270
Total Treated Water		m ³		126030		126300		125810
Treated Water Maximum Day Consumption		m ³	Friday 29th	5680	Saturday 29th	5420	Tuesday 24th	5100
Treated Water Minimum Day Consumption		m ³	Saturday 02nd	3320	Tuesday 04th	3040	Monday 2nd	3400
Treated Water Average Day Consumption		m ³		4070		4070		4060
Daily Average Per Household Consumption Rate		m ³		1.08		1.08		1.07
* Daily Average Per Person Consumption Rate		m ³		0.51		0.51		0.51
Monthly Averages - Operating Parameters WTP:								
FAC Residual - Treated Water	mg/L			2.07		2.15		2.12
Total Chlorine Residual - Treated Water	mg/L			2.31		2.31		2.37
Aluminum Sulphate - Raw Water	mg/L			35.0		35.0		35.0
Aluminum Sulphate - Treated Water Residual	mg/L			0.03		0.02		0.02
Fluoride - Treated Water	mg/L			0.67		0.65		0.75
Soda Ash - Raw Water	mg/L			35.0		35.0		35.0
PH - Adjusted	mg/L			7.26		7.31		7.03
Temperature	C			20.4		20.1		21.7
Quantity of Chemical Used:								
Aluminum Sulphate	kg			6270.3		7192.2		4473.9
Polyelectrolyte	kg			100.0		75.0		100.0
Chlorine Gas	kg			890.0		1002.0		848.0
Soda Ash - Used for PH Adjustment	kg			6270.3		7192.2		5718.7
Fluoride	kg			558.0		643.0		503.0

* The Canadian Average is 450 Litres (0.45 m³) per day.

* Population is 7986

* Number of Households is 3783

Flow Data	August	Units	2016		2017		2018	
			Day of the Month		Day of the Month		Day of the Month	
Total Raw Water		m ³		178410		204690		185980
Raw Maximum Day		m ³		6010	Monday 28th	6900	Sunday 19th	6740
Raw Minimum Day		m ³	Thursday 11th		Sunday 13th	6290	Mon 6th & Sat 11th	5280
Raw Average Daily Consumption		m ³	Wednesday 24th	5760		6600		6000
Total Treated Water		m ³		137500		123420		132730
Treated Water Maximim Day Consumption		m ³	Wednesday 03rd	5500	Tuesday 01st	5680	Monday 13th	5780
Treated Water Minimim Day Consumption		m ³	Sunday 07th	3370	Sunday 27th	3300	Monday 6th	3340
Treated Water Average Day Consumption		m ³		4440		3980		4280
Daily Average Per Household Consumption Rate		m ³		1.17		1.05		1.13
* Daily Average Per Person Consumption Rate		m ³		0.56		0.50		0.54
Monthly Averages - Operating Parameters WTP:								
FAC Residual - Treated Water	mg/L			2.24		2.25		2.16
Total Chlorine Residual - Treated Water	mg/L			2.50		2.43		2.42
Aluminum Sulphate - Raw Water	mg/L			35.0		35.0		35.0
Aluminum Sulphate - Treated Water Residual	mg/L			0.02		0.02		0.02
Fluoride - Treated Water	mg/L			0.63		0.70		0.72
Soda Ash - Raw Water	mg/L			35.0		35.0		35.0
PH - Adjusted	mg/L			7.19		7.31		6.97
Temperature	C			22.2		21.5		21.7
Quantity of Chemical Used:								
Aluminum Sulphate	kg							
Polyelectrolyte	kg			6244.4		7164.2		6509.3
Chlorine Gas	kg			75.0		75.0		75.0
Soda Ash - Used for PH Adjustment	kg			894		1036		919
Fluoride	kg			6244.4		7164.2		6509.3
	kg			542		654		656

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