

Flow Data	DECEMBER	Units	2015		2016		2017	
			Day of the Month		Day of the Month		Day of the Month	
Total Raw Water	m ³			159580		170510		160800
Raw Maximum Day	m ³		Saturday 12th	5380	Monday 05th	5750	Sunday 10th	5830
Raw Minimum Day	m ³		Monday 14th	4890	Thursday 22nd	5090	Saturday 02nd	4750
Raw Average Daily Consumption	m ³			5150		5510		5190
Total Treated Water	m ³			107110		108030		105970
Treated Water Maximim Day Consumption	m ³		Sunday 20th	3760	Saturday 24th	3840	Thursday 07th	3800
Treated Water Minimim Day Consumption	m ³		Saturday 12th	3150	Tuesday 06th	2970	Friday 08th	2850
Treated Water Average Day Consumption	m ³			3460		3480		3420
Daily Average Per Household Consumption Rate	m ³			0.91		0.92		0.90
* Daily Average Per Person Consumption Rate	m ³			0.43		0.44		0.43
Monthly Averages - Operating Parameters WTP:								
FAC Residual - Treated Water	mg/L			2.09		2.16		2.30
Total Chlorine Residual - Treated Water	mg/L			2.29		2.40		2.45
Aluminum Sulphate - Raw Water	mg/L			35.0		35.0		35.0
Aluminum Sulphate - Treated Water Residual	mg/L			0.04		0.04		0.04
Fluoride - Treated Water	mg/L			0.58		0.55		0.55
Soda Ash - Raw Water	mg/L			35.0		35.0		35.0
PH - Adjusted	mg/L			7.27		7.25		7.28
Temperature	C			3.3		2.7		2.0
Quantity of Chemical Used:	kg							
Aluminum Sulphate	kg			5585.3		5973.1		5628.0
Polyelectrolyte	kg			75.00		87.5		75.0
Chlorine Gas	kg			616		574		616
Soda Ash - Used for PH Adjustment	kg			5585.3		5973.1		5628.0
Fluoride	kg			474		574.0		659.0

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

* Population is 7986

* Number of Households is 3783