

Flow Data	DECEMBER	Units	2016		2017		2018	
			Day of the Month		Day of the Month		Day of the Month	
Total Raw Water	m^3			170510		160800		159820
Raw Maximum Day	m^3	Monday 05th		5750	Sunday 10th	5830	Dec 2nd and 25th	5480
Raw Minimum Day	m^3	Thursday 22nd		5090	Saturday 02nd	4750	Dec 8th	4790
Raw Avgerage Daily Consumption	m^3			5510		5190		5160
Total Treated Water	m^3			108030		105970		104790
Treated Water Maximim Day Consumption	m^3	Saturday 24th		3840	Thursday 07th	3800	Dec 21st	3760
Treated Water Minimim Day Consumption	m^3	Tuesday 06th		2970	Friday 08th	2850	Dec 22nd	2940
Treated Water Average Day Consumption	m^3			3480		3420		3380
Daily Average Per Household Consumption Rate	m^3			0.92		0.90		0.89
* Daily Average Per Person Consumption Rate	m^3			0.44		0.43		0.42
Monthly Averages - Operating Parameters WTP:								
FAC Residual - Treated Water	mg/L			2.16		2.30		2.21
Total Chlorine Residual - Treated Water	mg/L			2.40		2.45		2.42
Aluminum Sulphate - Raw Water	mg/L			35.0		35.0		35.0
Aluminum Sulphate - Treated Water Residual	mg/L			0.04		0.04		0.02
Fluoride - Treated Water	mg/L			0.55		0.55		0.65
Soda Ash - Raw Water	mg/L			35.0		35.0		35.0
PH - Adjusted	mg/L			7.25		7.28		7.17
Temperature	C			2.7		2.0		2.0
Quantity of Chemical Used:		kg						
Aluminum Sulphate	kg			5973.1		5628.0		5593.7
Polyelectrolyte	kg			87.5		75.0		100.00
Chlorine Gas	kg			574		616		644
Soda Ash - Used for PH Adjustment	kg			5973.1		5628.0		5593.7
Fluoride	kg			574.0		659.0		572

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

* Population is 7986

* Number of Households is 3783