

Flow Data FEBRUARY	Units	2015		2016		2017	
		Day of the Month		Day of the Month		Day of the Month	
Total Raw Water	m ³		146690		147910		150010
Raw Maximum Day	m ³	Tuesday 24th	6120	Monday 1st	5930	Wednesday 22nd	5640
Raw Minimum Day	m ³	Monday 2nd & Thursday 12th	4850	Tuesday 16th	4900	Monday 27th	4300
Raw Average Daily Consumption	m ³		5240		5100		5360
Total Treated Water	m ³		107690		110250		103680
Treated Water Maximum Day Consumption	m ³	Saturday 28th	4470	Monday 29th	4190	Sunday 26th	4300
Treated Water Minimum Day Consumption	m ³	Thursday 12th	3340	Saturday 20th	3590	Tuesday 21st	3350
Treated Water Average Day Consumption	m ³		3850		3800		3700
Daily Average Per Household Consumption Rate	m ³		1.018		1.004		0.978
* Daily Average Per Person Consumption Rate	m ³		0.482		0.476		0.463
Monthly Averages - Operating Parameters WTP:							
FAC Residual - Treated Water	mg/L		1.94		2.19		2.15
Total Chlorine Residual - Treated Water	mg/L		2.22		2.41		2.34
Aluminum Sulphate - Raw Water	mg/L		37.5		35.0		35.0
Aluminum Sulphate - Treated Water Residual	mg/L		0.06		0.05		0.05
Fluoride - Treated Water	mg/L		0.57		0.60		0.56
Soda Ash - Raw Water	mg/L		36.4		35.0		35.0
PH - Adjusted	mg/L		7.12		7.25		7.19
Temperature	C		2.00		2.38		2.68
Quantity of Chemical Used:	kg						
Aluminum Sulphate	kg		5499.3		5176.9		5099.9
Polyelectrolyte	kg		62.5		50.0		75.0
Chlorine Gas	kg		542		567		571
Soda Ash - Used for PH Adjustment	kg		5341.9		5176.9		5099.9
Fluoride	kg		290		446		467

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

* Population is 7986

* Number of Households is 3783