

Flow Data	January	Units	2015		2016		2017	
			Day of the Month		Day of the Month		Day of the Month	
Total Raw Water	m ^{^3}			147280		158340		168830
Raw Maximum Day	m ^{^3}		Monday 26th	5890	Friday 01st	5440	Saturday 14th	5640
Raw Minimum Day	m ^{^3}		Tuesday 06th	4060	Monday 25th	4820	Monday 16th	5140
Raw Average Daily Consumption	m ^{^3}			4750		5110		5450
Total Treated Water	m ^{^3}			121570		118110		114550
Treated Water Maximim Day Consumption	m ^{^3}		Friday 23rd	4580	Monday 18th	4130	Thursday 05th	4130
Treated Water Minimum Day Consumption	m ^{^3}		Sunday 11th	3620	Saturday 02nd	3340	Monday 02nd & Wednesday 25th	3460
Treated Water Average Day Consumption	m ^{^3}			3930		3810		3700
Daily Average Per Household Consumption Rate	m ^{^3}			1.039		1.007		0.978
* Daily Average Per Person Consumption Rate	m ^{^3}			0.492		0.477		0.463
Monthly Averages - Operating Parameters WTP:								
FAC Residual - Treated Water	mg/L			1.95		2.18		2.25
Total Chlorine Residual - Treated Water	mg/L			2.00		2.38		2.46
Aluminum Sulphate - Raw Water	mg/L			37.4		35.0		35.0
Aluminum Sulphate - Treated Water Residual	mg/L			0.05		0.04		0.04
Fluoride - Treated Water	mg/L			0.59		0.61		0.54
Soda Ash - Raw Water	mg/L			35.8		35.0		35.0
PH - Adjusted	mg/L			7.14		7.32		7.24
Temperature	C			2.0		2.1		2.5
Quantity of Chemical Used:								
Aluminum Sulphate	kg			5514.4		5541.9		5909.1
Polyelectrolyte	kg			87.5		62.5		75.0
Chlorine Gas	kg			571		617		647
Soda Ash - Used for PH Adjustment	kg			5274.7		5541.9		5909.1
Fluoride	kg			295		470		553

* The Canadian Average is 450 Litres (0.45 m^{^3}) per day.

* Population is 7986

* Number of Households is 3783