

Flow and Operating Data

Flow Data MARCH	Units	2018		2019		2020	
Total Raw Water	m ³		160430		158980		155940
Raw Maximum Day	m ³		5470		5380		6000
Raw Minimum Day	m ³		4800		4680		4690
Raw Average Daily Consumption	m ³		5180		5130		5.03
Total Treated Water	m ³		124800		121380		105300
Treated Water Maximim Day Consumption	m ³		4640		4880		4490
Treated Water Minimim Day Consumption	m ³		3170		3440		2790
Treated Water Average Day Consumption	m ³		4030		3920		3400
Daily Average Per Household Consumption Rate	m ³		1.07		1.04		0.90
* Daily Average Per Person Consumption Rate	m ³		0.50		0.49		0.43
Monthly Averages - Operating Parameters WTP:							
FAC Residual - Treated Water	mg/L		2.15		2.14		2.08
Total Chlorine Residual - Treated Water	mg/L		2.38		2.33		2.31
Aluminum Sulphate - Raw Water	mg/L		35.0		35.0		35.0
Aluminum Sulphate - Treated Water Residual	mg/L		0.03		0.03		0.06
Fluoride - Treated Water	mg/L		0.60		0.6		0.75
Soda Ash - Raw Water	mg/L		35.0		35.0		35.0
pH - Adjusted			7.16		6.83		6.93
Temperature	°C		2.0		2.1		2.2
Quantity of Chemical Used:							
Aluminum Sulphate	kg		5615.1		5564.3		5457.9
Polyelectrolyte	kg		75.0		75		
Chlorine Gas	kg		615		590		588
Soda Ash - Used for pH Adjustment	kg		5615.1		5564.3		5457.9
Fluoride	kg		504		563		707

- * The Canadian Average is 450 Litres (0.45 m³) per day.
- * Population is 7986
- * Number of Households is 3783