

Flow and Operating Data

Flow Data MAY	Units	2017		2018		2019	
Total Raw Water	m ³		196210		191512		162710
Raw Maximum Day	m ³		7080		6780		6180
Raw Minimum Day	m ³		5830		4970		4760
Raw Average Daily Consumption	m ³		6330		5310		5250
Total Treated Water	m ³		116990		112970		105850
Treated Water Maximim Day Consumption	m ³		5040		4130		4180
Treated Water Minimim Day Consumption	m ³		2820		3060		2760
Treated Water Average Day Consumption	m ³		3770		3640		3410
Daily Average Per Household Consumption Rate	m ³		1.00		0.96		0.90
* Daily Average Per Person Consumption Rate	m ³		0.47		0.46		0.43
Monthly Averages - Operating Parameters WTP:							
FAC Residual - Treated Water	mg/L		2.23		2.07		2.15
Total Chlorine Residual - Treated Water	mg/L		2.45		2.30		2.38
Aluminum Sulphate - Raw Water	mg/L		35.00		35.00		35.00
Aluminum Sulphate - Treated Water Residual	mg/L		0.03		0.03		0.03
Fluoride - Treated Water	mg/L		0.59		0.71		0.73
Soda Ash - Raw Water	mg/L		35.00		35.00		35.00
pH - Adjusted			7.19		7.11		7.03
Temperature	°C		9.90		9.50		8.84
Quantity of Chemical Used:							
Aluminum Sulphate	kg		6867.35		7416.50		5694.90
Polyelectrolyte	kg		87.5		112.5		87.5
Chlorine Gas	kg		811		671		676
Soda Ash - Used for pH Adjustment	kg		6867.35		7416.50		5694.90
Fluoride	kg		547		583		478

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