

Flow and Operating Data

Flow Data JUNE	Units	2018		2019		2020	
Total Raw Water	m <sup>3</sup>		160740		161220		169000
Raw Maximum Day	m <sup>3</sup>		5660		6910		6060
Raw Minimum Day	m <sup>3</sup>		5120		5060		5110
Raw Average Daily Consumption	m <sup>3</sup>		5360		5370		5630
Total Treated Water	m <sup>3</sup>		119760		110860		115660
Treated Water Maximim Day Consumption	m <sup>3</sup>		5080		4760		5380
Treated Water Minimim Day Consumption	m <sup>3</sup>		2990		3060		2960
Treated Water Average Day Consumption	m <sup>3</sup>		3990		3700		3860
Daily Average Per Household Consumption Rate	m <sup>3</sup>		1.055		0.978		1.020
* Daily Average Per Person Consumption Rate	m <sup>3</sup>		0.500		0.463		0.483
Monthly Averages - Operating Parameters WTP:							
FAC Residual - Treated Water	mg/L		1.94		2.11		1.96
Total Chlorine Residual - Treated Water	mg/L		2.23		2.40		2.21
Aluminum Sulphate - Raw Water	mg/L		35.00		35.00		37.00
Aluminum Sulphate - Treated Water Residual	mg/L		0.02		0.02		0.04
Fluoride - Treated Water	mg/L		0.70		0.73		0.68
Soda Ash - Raw Water	mg/L		35.00		35.00		34.00
pH - Adjusted			7.14		7.30		6.97
Temperature	°C		18.87		15.60		16.20
Quantity of Chemical Used:							
Aluminum Sulphate	kg		5625.90		5642.70		6253.00
Polyelectrolyte	kg		112.50		62.50		62.50
Chlorine Gas	kg		767.00		765.00		799.00
Soda Ash - Used for pH Adjustment	kg		5625.90		5642.70		5746.00
Fluoride	kg		489.00		681.00		751.00

\* The Canadian Average is 450 Litres (0.45 m<sup>3</sup>) per day.

\* Population is 7986

\* Number of Households is 3783