

Town of Fort Frances - WTP - 220000978
June 2015/2016 vs. June 2017
Flow and Operating Data

Flow Data JUNE	Units	2017		2018		2019	
Total Raw Water	m ³		197910		160740		161220
Raw Maximum Day	m ³		6890		5660		6910
Raw Minimum Day	m ³		6270		5120		5060
Raw Average Daily Consumption	m ³		6600		5360		5370
Total Treated Water	m ³		114210		119760		110860
Treated Water Maximim Day Consumption	m ³		4860		5080		4760
Treated Water Minimim Day Consumption	m ³		3150		2990		3060
Treated Water Average Day Consumption	m ³		3810		3990		3700
Daily Average Per Household Consumption Rate	m ³		1.007		1.055		0.978
* Daily Average Per Person Consumption Rate	m ³		0.477		0.500		0.463
Monthly Averages - Operating Parameters WTP:							
FAC Residual - Treated Water	mg/L		2.20		1.94		2.11
Total Chlorine Residual - Treated Water	mg/L		2.41		2.23		2.40
Aluminum Sulphate - Raw Water	mg/L		35.00		35.00		35.00
Aluminum Sulphate - Treated Water Residual	mg/L		0.02		0.02		0.02
Fluoride - Treated Water	mg/L		0.63		0.70		0.73
Soda Ash - Raw Water	mg/L		35.00		35.00		35.00
pH - Adjusted			7.28		7.14		7.30
Temperature	°C		16.20		18.87		15.60
Quantity of Chemical Used:							
Aluminum Sulphate	kg		6926.90		5625.90		5642.70
Polyelectrolyte	kg		62.50		112.50		62.50
Chlorine Gas	kg		935.00		767.00		765.00
Soda Ash - Used for pH Adjustment	kg		6926.90		5625.90		5642.70
Fluoride	kg		651.00		489.00		681.00

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