

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

Flow Data	JUNE	Units	2015		2016		2017	
		Day of the Month			Day of the Month		Day of the Month	
Total Raw Water	m ³		168110		165710		197910	
Raw Maximum Day	m ³	Saturday 13th	5950	Saturday 11th	6210	Sunday 11th	6890	
Raw Minimum Day	m ³	Monday 22nd	5270	Friday 03rd	4620	Saturday 03rd	6270	
Raw Avgerage Daily Consumption	m ³		5600		5330		6600	
Total Treated Water	m ³		116430		120190		114210	
Treated Water Maximim Day Consumption	m ³	Thursday 18th	4560	Thursday 09th	5970	Wednesday 07th	4860	
Treated Water Minimim Day Consumption	m ³	Tuesday 09th	3390	Thursday 30th	3260	Sunday 18th	3150	
Treated Water Average Day Consumption	m ³		3880		3880		3810	
Daily Average Per Household Consumption Rate	m ³		1.026		1.026		1.007	
* Daily Average Per Person Consumption Rate	m ³		0.486		0.486		0.477	
Monthly Averages - Operating Parameters WTP:								
FAC Residual - Treated Water	mg/L		1.90		2.07		2.20	
Total Chlorine Residual - Treated Water	mg/L		2.29		2.45		2.41	
Aluminum Sulphate - Raw Water	mg/L		35.0		35.0		35.0	
Aluminum Sulphate - Treated Water Residual	mg/L		0.03		0.03		0.02	
Fluoride - Treated Water	mg/L		0.60		0.62		0.63	
Soda Ash - Raw Water	mg/L		35.0		35.0		35.0	
PH - Adjusted	mg/L		7.28		7.29		7.28	
Temperature	C		16.7		16.8		16.2	
Quantity of Chemical Used:	kg							
Aluminum Sulphate	kg		5883.9		5799.9		6926.9	
Polyelectrolyte	kg		75.0		100.0		62.5	
Chlorine Gas	kg		764.0		801.0		935.0	
Soda Ash - Used for PH Adjustment	kg		5883.9		5799.9		6926.9	
Fluoride	kg		385.0		493.0		651.0	

* The Canadian Average is 450 Litres (0.45 m³) per day.

* Population is 7986

* Number of Households is 3783