

Town of Fort Frances - WTP - 220000978
 April 2016/2017 vs. April 2018
 Flow and Operating Data

Flow Data	APRIL	Units	2016		2017		2018	
			Day of the Month		Day of the Month		Day of the Month	
Total Raw Water	m ³			150740		171180		153240
Raw Maximum Day	m ³		Sunday 17th	5360	Saturday 29th	6370	Wednesday 25th	7070
Raw Minimum Day	m ³		Saturday 30th	4930	Monday 03rd	5500	Friday 13th	4940
Raw Average Daily Consumption	m ³			5200		5900		5280
Total Treated Water	m ³			106740		108330		117850
Treated Water Maximim Day Consumption	m ³		Wednesday 06th	4330	Thursday 13th	5090	Tuesday 24th	6460
Treated Water Minimim Day Consumption	m ³		Saturday 23rd	3080	Friday 28th	3220	Saturday 28th	3230
Treated Water Average Day Consumption	m ³			3560		3610		3930
Daily Average Per Household Consumption Rate	m ³			0.94		0.95		1.04
* Daily Average Per Person Consumption Rate	m ³			0.45		0.45		0.49
Monthly Averages - Operating Parameters WTP:								
FAC Residual - Treated Water	mg/L			2.21		2.24		2.14
Total Chlorine Residual - Treated Water	mg/L			2.59		2.62		2.37
Aluminum Sulphate - Raw Water	mg/L			35.0		35.0		35.0
Aluminum Sulphate - Treated Water Residual	mg/L			0.04		0.05		0.03
Fluoride - Treated Water	mg/L			0.71		0.58		0.66
Soda Ash - Raw Water	mg/L			35.0		35.0		35.0
PH - Adjusted	mg/L			7.42		7.19		7.08
Temperature	C			4.3		4.9		3.2
Quantity of Chemical Used:								
Aluminum Sulphate	kg			5458.3		6189.4		5544.7
Polyelectrolyte	kg			75.0		75.0		87.5
Chlorine Gas	kg			645		710		609
Soda Ash - Used for PH Adjustment	kg			5458.3		6189.4		5544.7
Fluoride	kg			537		584		645

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