

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

Flow Data MAY	Units	2016		2017		2018	
		Day of the Month		Day of the Month		Day of the Month	
Total Raw Water	m ³		163490		196210		191512
Raw Maximum Day	m ³	Saturday 28th	5520	Monday 22nd	7080	Saturday 12th	6780
Raw Minimum Day	m ³	Monday 09th	5090	Sunday 21st	5830	Sunday 13th	4970
Raw Average Daily Consumption	m ³		5270		6330		5310
Total Treated Water	m ³		118580		116990		112970
Treated Water Maximim Day Consumption	m ³	Tuesday 31st	4340	Wednesday 24th	5040	Thursday 24th	4130
Treated Water Minimim Day Consumption	m ³	Tuesday 17th	3240	Sunday 21st	2820	Sunday 19th	3060
Treated Water Average Day Consumption	m ³		3830		3770		3640
Daily Average Per Household Consumption Rate	m ³		1.01		1.00		0.96
* Daily Average Per Person Consumption Rate	m ³		0.48		0.47		0.46
Monthly Averages - Operating Parameters WTP:							
FAC Residual - Treated Water	mg/L		2.05		2.23		2.07
Total Chlorine Residual - Treated Water	mg/L		2.39		2.45		2.30
Aluminum Sulphate - Raw Water	mg/L		35.0		35.0		35.0
Aluminum Sulphate - Treated Water Residual	mg/L		0.04		0.03		0.03
Fluoride - Treated Water	mg/L		0.65		0.59		0.71
Soda Ash - Raw Water	mg/L		35.0		35.0		35.0
PH - Adjusted	mg/L		7.47		7.19		7.11
Temperature	C		10.5		9.9		9.5
Quantity of Chemical Used:	kg						
Aluminum Sulphate	kg		5722.1		6867.35		7416.50
Polyelectrolyte	kg		87.5		87.5		112.5
Chlorine Gas	kg		688		811		671
Soda Ash - Used for PH Adjustment	kg		5722.1		6867.35		7416.50
Fluoride	kg		547		547		583

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

* Population is 7986

* Number of Households is 3783