

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

Flow Data	October	Units	2015		2016		2017	
			Day of the Month		Day of the Month		Day of the Month	
Total Raw Water	m ³		170410		171520		173660	
Raw Maximum Day	m ³	Saturday 24th	5730	Saturday 01st	5790	Tuesday 10th	5990	
Raw Minimum Day	m ³	Monday 26th	5230	Monday 26th	4890	Friday 13th	5280	
Raw Average Daily Consumption	m ³		5500		5500		5600	
Total Treated Water	m ³		123450		103050		109480	
Treated Water Maximim Day Consumption	m ³	Monday 05th	4720	Monday 06th	4650	Saturday 07th	4280	
Treated Water Minimim Day Consumption	m ³	Monday 26th	3210	Monday 15th	2760	Sunday 22nd	3110	
Treated Water Average Day Consumption	m ³		3980		3470		3530	
Daily Average Per Household Consumption Rate	m ³		1.05		0.92		0.93	
* Daily Average Per Person Consumption Rate	m ³		0.50		0.43		0.44	
Monthly Averages - Operating Parameters WTP:								
FAC Residual - Treated Water	mg/L		2.16		2.28		2.27	
Total Chlorine Residual - Treated Water	mg/L		2.55		2.53		2.47	
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		0.56		0.65		0.56	
Soda Ash - Raw Water	mg/L		35.0		35.0		35.0	
PH - Adjusted	mg/L		7.20		7.17		7.24	
Temperature	C		12.0		12.2		11.9	
Quantity of Chemical Used:								
Aluminum Sulphate	kg		5964.4		6003.2		6078.1	
Polyelectrolyte	kg		62.5		87.5		75.0	
Chlorine Gas	kg		789		795		807	
Soda Ash - Used for PH Adjustment	kg		5964.4		6003.2		6078.1	
Fluoride	kg		492		630		686	

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

* Population is 7986

* Number of Households is 3783