

Town of Fort Frances - WTP - 220000978
August 2015/2016 vs. August 2018 Flow and Operating Data

Flow Data	August	Units	2017		2018		2019	
			Day of the Month		Day of the Month		Day of the Month	
Total Raw Water		m ³		204690		185980		159470
Raw Maximum Day		m ³	Monday 28th	6900	Sunday 19th	6740	Wednesday 02nd	5260
Raw Minimum Day		m ³	Sunday 13th	6290	Mon 6th & Sat 11th	5280	Thursday 24th	5010
Raw Average Daily Consumption		m ³		6600		6000		5140
Total Treated Water		m ³		123420		132730		118250
Treated Water Maximum Day Consumption		m ³	Tuesday 01st	5680	Monday 13th	5780	Monday 07th	4880
Treated Water Minimum Day Consumption		m ³	Sunday 27th	3300	Monday 6th	3340	Tuesday 08th	3120
Treated Water Average Day Consumption		m ³		3980		4280		3810
Daily Average Per Household Consumption Rate		m ³		1.05		1.13		1.01
* Daily Average Per Person Consumption Rate		m ³		0.50		0.54		0.48
Monthly Averages - Operating Parameters WTP:								
FAC Residual - Treated Water		mg/L		2.25		2.16		2.11
Total Chlorine Residual - Treated Water		mg/L		2.43		2.42		2.33
Aluminum Sulphate - Raw Water		mg/L		35.0		35.0		35
Aluminum Sulphate - Treated Water Residual		mg/L		0.02		0.02		0.02
Fluoride - Treated Water		mg/L		0.70		0.72		0.74
Soda Ash - Raw Water		mg/L		35.0		35.0		35
PH - Adjusted		mg/L		7.31		6.97		7.26
Temperature		C		21.5		21.7		21.7
Quantity of Chemical Used:		kg						
Aluminum Sulphate		kg		7164.2		6509.3		5581.5
Polyelectrolyte		kg		75.0		75.0		87.5
Chlorine Gas		kg		1036		919		778
Soda Ash - Used for PH Adjustment		kg		7164.2		6509.3		5581.5
Fluoride		kg		654		656		729

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