

Town of Fort Frances - WTP - 220000978
February 2017 v 2018 v 2019
Flow and Operating Data

Flow Data FEBRUARY	Units	2017		2018		2019	
Total Raw Water	m ³		150010		146620		144630
Raw Maximum Day	m ³		5640		5460		5560
Raw Minimum Day	m ³		4300		5040		4820
Raw Average Daily Consumption	m ³		5360		5240		5170
Total Treated Water	m ³		103680		107410		112420
Treated Water Maximim Day Consumption	m ³		4300		4090		4430
Treated Water Minimim Day Consumption	m ³		3350		3500		3580
Treated Water Average Day Consumption	m ³		3700		3840		4020
Daily Average Per Household Consumption Rate	m ³		0.978		1.015		1.063
* Daily Average Per Person Consumption Rate	m ³		0.463		0.481		0.503
Monthly Averages - Operating Parameters WTP:							
FAC Residual - Treated Water	mg/L		2.15		2.15		2.21
Total Chlorine Residual - Treated Water	mg/L		2.34		2.36		2.39
Aluminum Sulphate - Raw Water	mg/L		35.0		35.0		35.0
Aluminum Sulphate - Treated Water Residual	mg/L		0.05		0.03		0.03
Fluoride - Treated Water	mg/L		0.56		0.57		0.58
Soda Ash - Raw Water	mg/L		35.0		35.0		35.0
pH - Adjusted	mg/L		7.19		7.20		7.03
Temperature	C		2.68		2.0		2.0
Quantity of Chemical Used:	kg						
Aluminum Sulphate	kg		5099.9		5131.7		5062.1
Polyelectrolyte	kg		75.0		62.5		87.5
Chlorine Gas	kg		571		574		561
Soda Ash - Used for PH Adjustment	kg		5099.9		5131.7		5062.1
Fluoride	kg		467		494		543

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