

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

Flow Data January	Units	2017	2018	2019
Total Raw Water	m <sup>3</sup>	168830	161760	160760
Raw Maximum Day	m <sup>3</sup>	5640	5460	6200
Raw Minimum Day	m <sup>3</sup>	5140	4930	4890
Raw Average Daily Consumption	m <sup>3</sup>	5450	5220	5190
Total Treated Water	m <sup>3</sup>	114550	119180	115440
Treated Water Maximim Day Consumption	m <sup>3</sup>	4130	4110	4850
Treated Water Minimim Day Consumption	m <sup>3</sup>	3460	3590	2810
Treated Water Average Day Consumption	m <sup>3</sup>	3700	3850	3710
Daily Average Per Household Consumption Rate	m <sup>3</sup>	0.978	1.018	0.981
* Daily Average Per Person Consumption Rate	m <sup>3</sup>	0.463	0.482	0.465
Monthly Averages - Operating Parameters WTP:				
FAC Residual - Treated Water	mg/L	2.25	2.22	2.24
Total Chlorine Residual - Treated Water	mg/L	2.46	2.41	2.46
Aluminum Sulphate - Raw Water	mg/L	35.0	35.0	35.0
Aluminum Sulphate - Treated Water Residual	mg/L	0.04	0.04	0.03
Fluoride - Treated Water	mg/L	0.54	0.55	0.62
Soda Ash - Raw Water	mg/L	35.0	35.0	35.0
pH - Adjusted	mg/L	7.24	7.18	7.19
Temperature	C	2.5	2.0	2.0
Quantity of Chemical Used:	kg			
Aluminum Sulphate	kg	5909.1	5661.6	5626.6
Polyelectrolyte	kg	75.0	62.5	75
Chlorine Gas	kg	647	623	621
Soda Ash - Used for PH Adjustment	kg	5909.1	5661.6	5626.6
Fluoride	kg	553	604	581

- \* The Canadian Average is 450 Litres (0.45 m<sup>3</sup>) per day.
- \* Population is 7986
- \* Number of Households is 3783