

Flow and Operating Data

Flow Data APRIL	Units	2017	2018	2019
Total Raw Water	m ³	171180	153240	146840
Raw Maximum Day	m ³	6370	7070	6220
Raw Minimum Day	m ³	5500	4940	4060
Raw Average Daily Consumption	m ³	5900	5280	5060
Total Treated Water	m ³	108330	117850	106270
Treated Water Maximim Day Consumption	m ³	5090	6460	4330
Treated Water Minimim Day Consumption	m ³	3220	3230	2910
Treated Water Average Day Consumption	m ³	3610	3930	3540
Daily Average Per Household Consumption Rate	m ³	0.95	1.04	0.94
* Daily Average Per Person Consumption Rate	m ³	0.45	0.49	0.44
Monthly Averages - Operating Parameters WTP:				
FAC Residual - Treated Water	mg/L	2.24	2.14	2.13
Total Chlorine Residual - Treated Water	mg/L	2.62	2.37	2.36
Aluminum Sulphate - Raw Water	mg/L	35.00	35.00	35.00
Aluminum Sulphate - Treated Water Residual	mg/L	0.05	0.03	0.03
Fluoride - Treated Water	mg/L	0.58	0.66	0.63
Soda Ash - Raw Water	mg/L	35.00	35.00	35.00
pH - Adjusted		7.19	7.08	6.99
Temperature	°C	4.90	3.20	4.10
Quantity of Chemical Used:	kg			
Aluminum Sulphate	kg	6189.4	5544.7	5312.3
Polyelectrolyte	kg	75.0	87.5	75.0
Chlorine Gas	kg	710	609	579
Soda Ash - Used for pH Adjustment	kg	6189.4	5544.7	5312.3
Fluoride	kg	584	645	442

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