

Flow and Operating Data

Flow Data MARCH	Units	2017	2018	2019
Total Raw Water	m ³	171720	160430	158980
Raw Maximum Day	m ³	5760	5470	5380
Raw Minimum Day	m ³	5280	4800	4680
Raw Average Daily Consumption	m ³	5540	5180	5130
* Daily Instantaneous Peak Flow	L/min.			
Total Treated Water	m ³	113560	124800	121380
Treated Water Maximim Day Consumption	m ³	4600	4640	4880
Treated Water Minimim Day Consumption	m ³	2950	3170	3440
Treated Water Average Day Consumption	m ³	3660	4030	3920
Daily Average Per Household Consumption Rate	m ³	0.97	1.07	1.04
* Daily Average Per Person Consumption Rate	m ³	0.46	0.50	0.49
Monthly Averages - Operating Parameters WTP:				
FAC Residual - Treated Water	mg/L	2.22	2.15	2.14
Total Chlorine Residual - Treated Water	mg/L	2.41	2.38	2.33
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	0.60	0.6
Soda Ash - Raw Water	mg/L	35.0	35.0	35.0
pH - Adjusted	mg/L	7.20	7.16	6.83
Temperature	C	2.4	2.0	2.1
Quantity of Chemical Used:				
Aluminum Sulphate	kg	6010.2	5615.1	5564.3
Polyelectrolyte	kg	62.5	75.0	75
Chlorine Gas	kg	674	615	590
Soda Ash - Used for PH Adjustment	kg	6010.2	5615.1	5564.3
Fluoride	kg	580	504	563

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