



Water Quality 2015

2.1.2 SUMMARY OF MAJOR CHEMICALS, MICROBIOLOGICAL, AND PHYSICAL PARAMETERS OF EDMONTON DRINKING WATER

July 2015

Parameter	Unit	Monthly Count	Monthly Average	YTD Median	YTD Min	YTD Max	YTD Count
Alkalinity, total	mg CaCO3/L	62	110	116	90	139	424
Aluminum	mg/L	2	0.117	0.082	0.024	0.124	14
Arsenic	mg/L	2	0.0004	<0.0002	<0.0002	0.0004	14
Bromate, dissolved	mg/L	8	<0.005	<0.005	<0.005	<0.005	64
Bromodichloromethane	ug/L	62	0.9	0.7	<0.5	1.6	424
Cadmium	mg/L	2	<0.0001	<0.0001	<0.0001	<0.0001	14
Chlorate, dissolved	mg/L	8	0.12	0.09	<0.01	0.21	64
Chloride, dissolved	mg/L	8	4.92	4.89	2.81	11.40	64
Chlorine, total	mg/L	62	1.98	2.00	1.84	2.18	424
Chlorite, dissolved	mg/L	8	<0.005	<0.005	<0.005	<0.005	64
Chromium	mg/L	2	<0.0002	<0.0002	<0.0002	0.0003	14
Colour	TCU	62	1	<1	<1	2	424
Conductivity	uS/cm	12	362	370	347	405	74
Copper	mg/L	2	<0.002	<0.002	<0.002	<0.002	14
Cryptosporidium	oocysts/100L	2	<0.1	<0.1	<0.1	<0.1	14
Fluoride, dissolved	mg/L	62	0.67	0.70	0.63	0.78	424
Giardia	cysts/100L	2	<0.1	<0.1	<0.1	<0.1	14
Haloacetic Acids, total (HAA5)	ug/L	2	31.1	20.0	13.2	33.3	14
Hardness, Calcium	mg CaCO3/L	62	113	116	95	136	424
Hardness, total	mg CaCO3/L	62	167	169	145	190	424
Iron	mg/L	2	0.002	<0.002	<0.002	0.008	14
Lead	mg/L	2	<0.0001	<0.0001	<0.0001	<0.0001	14
Manganese	mg/L	2	<0.002	<0.002	<0.002	0.003	14
Mercury	mg/L	2	<0.0001	<0.0001	<0.0001	0.0002	14
NDMA	ng/L	2	1.6	1.3	<0.9	2.8	14
Nitrate (as N), dissolved	mg/L	8	0.01	0.07	<0.01	0.21	64
Nitrite (as N), dissolved	mg/L	8	<0.01	<0.01	<0.01	<0.01	64
pH	N/A	62	7.7	7.8	7.0	8.2	424
Potassium	mg/L	2	0.68	0.68	0.59	1.52	14
Sodium	mg/L	2	8.2	7.5	3.2	20.1	14
Sulphate, dissolved	mg/L	8	67.1	66.1	43.4	83.2	64
Total Dissolved Solids	mg/L	2	226	219	193	246	14
Total Organic Carbon	mg/L C	12	1.3	1.4	0.9	2.6	74
Trihalomethanes	mg/L	62	0.018	0.011	0.002	0.026	424
Turbidity	NTU	62	0.07	0.07	0.05	0.13	424
Uranium	mg/L	2	<0.0005	<0.0005	<0.0005	0.0005	14
Zinc	mg/L	2	<0.002	<0.002	<0.002	0.005	14

Bacteriological Data

Coliforms, total	PA/100 mL	62	Absent	Absent	Absent	424
E. coli	PA/100 mL	62	Absent	Absent	Absent	424