

Other Detected Constituents That May be of Interest to Consumers

Parameter	Units	NL	Range Average	Treatment Plant Effluent				
				Weymouth Plant	Diemer Plant	Jensen Plant	Skinner Plant	Mills Plant
Alkalinity	ppm	NA	Range Highest RAA	101 - 122 109	100 - 121 110	81 - 92 86	94 - 113 105	72 - 91 79
Boron	ppb	1000	Range Highest RAA	130 - 160 150	130 - 150 140	150 - 200 180	120 - 150 140	130 - 190 160
Calcium	ppm	NA	Range Highest RAA	52 - 74 60	55 - 72 61	23 - 32 28	52 - 67 59	23 - 27 25
Chlorate	ppb	800	Range Range	52	48	16	25	39
				Distribution System-wide: 24 - 58				
Chromium VI (a)	ppb	NA	Range Highest RAA	0.10 - 0.30 0.22	0.10 - 0.29 0.19	0.31 - 0.51 0.40	0.09 - 0.30 0.21	0.25 - 1.0 0.60
Corrosivity (b) (as Aggressiveness Index)	AI	NA	Range Average	12.2 - 12.4 12.3	12.2 - 12.4 12.3	12.0 - 12.1 12.0	12.1 - 12.4 12.3	11.9 - 12.2 12.0
Corrosivity (c) (as Saturation Index)	SI	NA	Range Average	0.34 - 0.56 0.44	0.38 - 0.50 0.46	0.12 - 0.26 0.22	0.24 - 0.63 0.44	0.10 - 0.31 0.22
Hardness	ppm	NA	Range Highest RAA	214 - 308 253	226 - 300 257	108 - 130 121	222 - 273 247	96 - 128 109
Heterotrophic Plate Count (HPC) (d)	CFU/ mL	NA	Range Average	ND - 5 ND	ND - 2 ND	ND - 3 ND	ND - 4 ND	ND - 65 1
Magnesium	ppm	NA	Range Highest RAA	21 - 29 25	22 - 29 25	11 - 13 12	21 - 27 24	9 - 13 11
N-Nitrosodimethylamine (NDMA) (e)	ppt	10	Range Range	ND	ND - 2.7	2.4 - 7.4	ND	2.8 - 8.3
				Distribution System-wide: ND - 10				
pH	pH Units	NA	Range Average	8.0 - 8.2 8.1	8.0 - 8.2 8.1	8.2 - 8.4 8.3	8.0 - 8.2 8.1	8.2 - 8.5 8.3
Potassium	ppm	NA	Range Highest RAA	4.0 - 5.2 4.5	4.1 - 4.9 4.5	2.6 - 3.0 2.8	4.1 - 4.7 4.5	2.4 - 3.4 2.8
Sodium	ppm	NA	Range Highest RAA	84 - 109 94	85 - 106 94	56 - 68 61	83 - 94 89	61 - 81 68
Total Organic Carbon (TOC)	ppm	NA	Range Highest RAA	1.7 - 2.4 2.2	1.9 - 2.5 2.3	1.5 - 1.9 2.1	1.9 - 2.5 2.2	1.3 - 2.9 1.8
Vanadium	ppb	50	Range Average	3.1 - 4.0 3.6	3.5 - 4.0 3.8	4.6 - 5.1 4.9	ND ND	6.2 - 6.9 6.6

Abbreviations and Definitions (Please refer to the main table for other abbreviations and definitions)

Abbreviations

NL Notification Level - The level at which notification of the public water system's governing body is required. Prior to 2005, NL was known as action level (AL).

ppt parts per trillion or nanograms per liter (ng/L)

Footnotes

(a) Chromium VI reporting level is 0.03 ppb.

Negative SI index = corrosive; tendency to dissolve calcium carbonate.

(b) AI <10.0 = Highly aggressive and very corrosive water
AI ≥ 12.0 = Non-aggressive water
AI (10.0 - 11.9) = Moderately aggressive water

(d) All distribution system samples collected had detectable total chlorine residuals and no HPC was required
HPC reporting level is 1 CFU/mL.

(c) Positive SI index = non-corrosive; tendency to precipitate and/or deposit scale on pipes.

(e) Analysis was conducted by Metropolitan Water Quality Laboratory using Standard Methods 6450B.