

# 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 <b>Highest RAA</b>	63 - 130 120	67 - 120 110	81 - 99 88	91 - 130 110	50 - 76 74
Boron	ppb	1,000	Range <b>Average</b>	120 - 130 120	120 - 130 120	200 - 220 210	120 - 130 120	100 - 140 120
Calcium	ppm	NA	Range <b>Highest RAA</b>	49 - 71 64	51 - 70 66	26 - 31 30	52 - 70 64	17 - 23 22
Chlorate	ppb	800	Range <b>Range</b>	110	82	20	47	ND
Chromium VI (a)	ppb	NA	Range <b>Highest RAA</b>	<b>Distribution System-wide:</b> 26 - 110				
Corrosivity (b) (as Aggressiveness Index)	AI	NA	Range <b>Average</b>	0.04 - 0.10 0.08	0.05 - 0.08 0.08	0.37 - 0.45 0.52	0.08 - 0.23 0.16	0.11 - 0.44 0.37
Corrosivity (c) (as Saturation Index)	SI	NA	Range <b>Average</b>	12.0 - 12.3 12.1	12.0 - 12.2 12.1	12.0 - 12.1 12.0	12.0 - 12.4 12.2	11.9 - 12.1 12.0
Hardness	ppm	NA	Range <b>Highest RAA</b>	0.13 - 0.33 0.23	0.18 - 0.37 0.25	0.15 - 0.28 0.21	0.20 - 0.51 0.31	0.02 - 0.24 0.16
Heterotrophic Plate Count (HPC) (d)	CFU/ mL	NA	Range <b>Average</b>	84 - 300 260	92 - 300 270	86 - 130 120	190 - 300 260	74 - 110 96
Magnesium	ppm	NA	Range <b>Highest RAA</b>	ND - 1 ND	ND - 10 1	ND - 2 ND	ND - 1 ND	ND - 1 ND
N-Nitrosodimethylamine (NDMA) (e,f)	ppb	0.01	Range <b>Range</b>	20 - 28 26	22 - 28 27	11 - 12 12	21 - 28 25	8 - 12 10
pH	pH Units	NA	Range <b>Average</b>	ND - 0.002 ND	ND - 0.004 ND	0.004 - 0.007 ND	ND - 0.002 ND	ND - 0.004 ND
			Range <b>Average</b>	<b>Distribution System-wide:</b> ND - 0.01				
			Range <b>Average</b>	7.6 - 8.6 7.9	7.5 - 8.0 7.9	8.1 - 8.4 8.2	7.7 - 8.3 7.9	8.2 - 8.7 8.4
Potassium	ppm	NA	Range <b>Highest RAA</b>	3.8 - 5.0 4.6	3.9 - 4.8 4.7	2.5 - 2.8 2.7	3.9 - 4.8 4.7	2.2 - 2.8 2.6
Sodium	ppm	NA	Range <b>Highest RAA</b>	83 - 98 94	78 - 95 95	58 - 65 67	80 - 100 91	46 - 63 66
Total Organic Carbon (TOC)	ppm	NA	Range <b>Highest RAA</b>	1.6 - 2.4 2.1	1.9 - 2.3 2.2	1.3 - 1.8 1.5	1.8 - 2.3 2.1	1.5 - 2.7 2.0
Vanadium	ppb	50	Range <b>Average</b>	ND - 3.1 ND	ND - 3.3 3.0	4.8 - 5.6 5.2	ND ND	3.5 - 5.6 4.6

## Abbreviation and Definitions (please refer to the main table for other abbreviations and definitions)

### Abbreviation

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).

### Footnotes

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| <p>(a) Chromium VI reporting level is 0.03 ppb.</p> <p>(b) AI &lt; 10.0 = Highly aggressive and very corrosive water<br/>AI ≥ 12.0 = Non-aggressive water<br/>AI (10.0 - 11.9) = Moderately aggressive water</p> <p>(c) Positive SI index = non-corrosive; tendency to precipitate and/or deposit scale on pipes.<br/>Negative SI index = corrosive; tendency to dissolve calcium carbonate</p> <p>(d) All distribution system samples collected had detectable total chlorine residuals and no HPC was required. HPC reporting level is 1 CFU/mL.</p> <p>(e) Analysis was conducted by Metropolitan Water Quality Laboratory using Standard Methods 6450B.</p> | <p>(f) The Federal Unregulated Contaminants Monitoring Rule Second Cycle (UCMR2) was conducted between November 2008 and August 2009 for the assessment monitoring of 10 chemical contaminants under List 1 and the screening survey of 15 contaminants under List 2. All List 1 and List 2 contaminants from the treatment plant effluent were not detected except for NDMA (List 2). Information on these samples is available upon request. Additionally, unregulated contaminants are those that do not yet have a federal drinking water standard. The purpose of the monitoring is to help USEPA decide whether the contaminants should have a standard.</p> |
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