

DETECTED CONTAMINANTS TABLES

INORGANIC

| SUBSTANCE (UNITS) | Period/ Water Source | MCL | MCLG | Detected Level | Range | Major Sources | SDWA Violation |
|--|----------------------------|--------------|---------------|-------------------|--------------|--|-------------------|
| Copper ① (ppm) | 2006/ EP | AL-13 | 13 | .048 | 0-.072 | Corrosion of household plumbing systems. Erosion of natural deposits. | NONE |
| Lead ① (ppb) | 2006/ EP | AL=15 | 0 | 10.9 | 0-27 | Corrosion of household plumbing systems. Erosion of natural deposits. | NONE |
| Fluoride (ppm) | 2008/ PWSB | 4 | 4 | 1.2 | 0.9-1.2 | Erosion of natural deposits. Water additive which promotes strong teeth. | NONE |
| Turbidity ③ (ntu) | 2008/PWSB | TT | N.A. | 0.14 | N.A. | Soil runoff | NONE |
| Chlorine (ppm) As Cl ₂ Free residual | 2008/ EP | MRDL= 4.0 | MRDLG =4.0 | 0.67 | ND – 1.29 | Water additive used to control microbes | NONE |
| Barium | 2008/PWSB | 2 | 2 | .01 | N.A. | Erosion of natural deposits | NONE |

This table shows the results of the 2008 water quality analyses performed by the City (EP) and the Providence Water Supply Board (PWSB). We feel it is important that you know exactly what was detected and how much was detected and how much of the substance was present in the water. Every regulated contaminant that we detected in the water, even in the most minute traces, is listed here along with the highest levels allowed by regulation (MCL), the ideal goals for public health (MCLG), the amounts detected, the usual sources of such contamination, footnotes explaining our findings and a key to units of measurement.

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|--|----------------------------|----------------------------|------|-------------------|---------------|--------------------------------------|-------------------|
| Total Coliform Bacteria ② (Monthly Max.%) | 2008/ EP | >5% positive samples | 0% | 0.94% | 0- 0.94% | Naturally present in the environment | NONE |
| Total Organic Carbon (TOC) ④ (ppm) (Removal Ratio) | 2008/ PWSB | TT | NA | 1.23 | 1.05- 1.41 | Naturally present in the environment | NONE |

VOLITILE ORGANIC COMPOUNDS

| SUBSTANCE (UNITS) | Period/ Water Source | MCL | MCLG | Detected Level | Range | Major Sources | SDWA Violation |
|---------------------------------------|----------------------------|-----|------|-------------------|----------------|---|-------------------|
| Haloacetic Acids (HAAS) (ppb) | 2008/ EP | 60 | 0 | 21.0 | 8.1- 29.2 | By-product of drinking water chlorination | NONE |
| Total Trihalomethanes (TTHM) (ppb) | 2008/ EP | 80 | 0 | 68.0 | 33.6- 112.0 | By-product of drinking water chlorination | NONE |

KEY to TABLE

AL= Action Level
MCL= Maximum Contaminant Level
MCLG = Maximum Contaminant Level Goal
MFL= Million fibers per liter
NTU = Nephelometric Turbidity Units
MRDL= Maximum Residual Disinfectant level
MRDLG = Maximum Residual Disinfectant level goal.
pCi/L = picocuries per liter (a measure of radioactivity)
ppm = parts per million, or milligrams per liter (mg/l)
ppb = parts per billion or micrograms per liter (ug/l)
TT = Treatment Technique
ND = Not Detected
NA = Not Applicable
TT = Treatment Technique