

LAKEHAVEN UTILITY DISTRICT "PRIMARY" INORGANIC CHEMICAL ANALYSIS

2010 WATER QUALITY ANALYSIS REPORT (INCLUDING GROUND WATER & TACOMA GREEN RIVER/SSP)

ENVIRONMENTAL PROTECTION AGENCY (EPA) REGULATED:

- The following chemicals are regulated based upon human health effect data and concentrations of these elements may not exceed the maximum contaminant level (MCL) set by the Washington State Department of Health (DOH).
- The concentrations expressed below are in parts per million (ppm).
- The values presented here are based upon **treated water** and the highest amount detected in a single sample during **2010** and the flow weighted average from various sources supplying water to the distribution system. These values may not represent the quality of water a customer may have at the tap due to treatment and the location and blending of water within the system.
- The majority of these inorganic chemicals are undetectable in the District's drinking water.

CHEMICAL	MAXIMUM CONTAMINANT LEVEL (ppm)	HIGHEST AMOUNT DETECTED (ppm)	FLOW WEIGHTED AVERAGE CONCENTRATION (ppm)
Arsenic	0.010	0.005	0
Barium	2.0	0	0
Cadmium	0.005	0	0
Chromium	0.10	0	0
Mercury	0.002	0	0
Selenium	0.05	0	0
Beryllium	0.004	0	0
Nickel	0.1	0	0
Antimony	0.006	0	0
Thallium	0.002	0	0
Cyanide	0.2	0	0
Flouride	4.0	0.7	0.3
Nitrate – N	10	1.9	0.2