

Cadmium	N	ND	ppb	5	5	2012 & 2013	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paints
Chromium	N	ND	ppb	100	100	2012 & 2013	Discharge from steel and pulp mills; erosion of natural deposits
Copper a. 90% results b. # of sites that exceed the AL	N	a. 269 b. 0	ppb	1300	AL=1300	2013	Corrosion of household plumbing systems; erosion of natural deposits
Cyanide	N	ND	ppb	200	200	2012 & 2013	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
Fluoride	N	ND-1500	ppb	4000	4000	2012 & 2013	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Lead a. 90% results b. # of sites that exceed the AL	N	a. 6 b. 0	ppb	0	AL=15	2013	Corrosion of household plumbing systems, erosion of natural deposits
Mercury (inorganic)	N	ND	ppb	2	2	2012 & 2013	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland
Nitrate (as Nitrogen)	N	ND-200	ppb	10000	10000	2014	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Selenium	N	ND-.2.9	ppb	50	50	2012 & 2013	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Sodium	N	15.4-283	ppm	None set by EPA	None set by EPA	2012 & 2013	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills.
Sulfate	N	98-621	ppm	1000*	1000*	2012 & 2013	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills, runoff from cropland
Thallium	N	ND	ppb	1	2	2012 & 2013	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories
Turbidity for Ground Water	Y	.45-7	NTU	N/A	5	2012 & 2013	Soil runoff
Turbidity for Surface Water	N	N/A	NTU	N/A	0.5 in at least 95% of the samples and must		Soil Runoff
TDS (Total Dissolved Solids)	Y	472-1420	ppm	1000**	2000**	2012 & 2013	Erosion of natural deposits

\*If the sulfate level of a public water system is greater than 500 ppm, the supplier must satisfactorily demonstrate that: a) no better water is available, and b) the water shall not be available for human consumption from commercial establishments. In no case shall water having a level above 1000 ppm be used.

\*\*If TDS is greater than 1000 ppm the supplier shall demonstrate to the Utah Drinking Water Board that no better water is available. The Board shall not allow the use of an inferior source of water if a better source is available.