

## UNIT WELL # 15 INORGANIC CHEMICAL RESULTS - 2010

INORGANIC ANALYSES	RESULT	UNITS <sup>1</sup>	EPA GUIDELINES		
			MCL <sup>2</sup>	MCLG <sup>3</sup>	NSDWR <sup>4</sup>
Alkalinity	318	ppm	--	--	--
Aluminum	1.1	ppb	--	--	50-200
Antimony	<0.40	ppb	6	6	--
Arsenic	<0.40	ppb	10	0	--
Barium	9.0	ppb	2000	2000	--
Beryllium	<0.40	ppb	4	4	--
Cadmium	<0.20	ppb	5	5	--
Calcium	91	ppm	--	--	--
Chloride	49	ppm	--	--	250
Chromium	1.0	ppb	100	100	--
Conductivity	791	umhos / cm	--	--	--
Copper	33	ppb	1300	1300	1000
Fluoride	1.1	ppm	4	4	2
Hardness Total	433	ppm	--	--	--
Iron	0.04	ppm	--	--	0.3
Lead	0.2	ppb	15	0	--
Magnesium	50	ppm	--	--	--
Manganese	13	ppb	--	--	50
Mercury	0.2#	ppb	2	2	--
Nickel	0.8	ppb	100	--	--
Nitrate	2.2	ppm	10	10	--
pH (lab)	7.3	s.u.	--	--	6.5 - 8.5
Selenium	<0.80	ppb	50	50	--
Silver	<0.40	ppb	--	--	100
Sodium	19	ppm	--	--	--
Sulfate	31	ppm	--	--	250
Thallium	0.2	ppb	2	0.5	--
Total Solids	520	ppm	--	--	500
Zinc	3.2	ppb	--	--	5000

<sup>1</sup> ppb = parts per billion = ug/l = micrograms per liter; ppm = parts per million = mg/l = milligrams per liter

<sup>2</sup> MCL - Maximum contaminant level = EPA's maximum allowable amount

<sup>3</sup> MCLG = Maximum contaminant level goal = EPA's public health goal

<sup>4</sup> NSDWR = EPA's National Secondary Drinking Water Standard for aesthetics: taste, odor, or color

# Suspected laboratory contaminant (resample tested below 0.02 ppb)