



**CHEMTECH-FORD**  
LABORATORIES

**Certificate of Analysis**

Lab Sample No.: 1306406-01

<b>Name:</b> Aqua Environmental Services	<b>Sample Date:</b> 7/18/2013 7:10 AM
<b>Sample Site:</b> Upper Freeze Creek Well	<b>Receipt Date:</b> 7/18/2013 11:35 AM
<b>Comments:</b>	<b>Sampler:</b> Larry Hall
<b>Sample Type:</b> Drinking Water	<b>System No.:</b> UTAH18143
<b>Source Code:</b>	<b>Sample Point:</b>
	<b>Report to State:</b>

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analysis Date/Time	Analyst Initials	Analytical Method	Flag
<b>Metals</b>								
Aluminum, Total	ND	0.2	0.05	mg/L	7/26/2013 14:03	TS	EPA 200.7	
Antimony, Total	ND	0.006	0.0005	mg/L	7/19/2013 12:13	KSL	EPA 200.8	
Arsenic, Total	ND	0.01	0.0005	mg/L	7/19/2013 12:13	KSL	EPA 200.8	
Boron, Total	ND		0.05	mg/L	7/26/2013 14:03	TS	EPA 200.7	
Barium, Total	0.047	2	0.005	mg/L	7/26/2013 14:03	TS	EPA 200.7	
Beryllium, Total	ND	0.004	0.001	mg/L	7/26/2013 14:03	TS	EPA 200.7	
Calcium, Total	116		0.2	mg/L	7/26/2013 14:03	TS	EPA 200.7	
Cadmium, Total	ND	0.005	0.0002	mg/L	7/19/2013 12:13	KSL	EPA 200.8	
Chromium, Total	ND	0.1	0.005	mg/L	7/26/2013 14:03	TS	EPA 200.7	
Copper, Total	0.0021	1.3	0.0010	mg/L	7/19/2013 12:13	KSL	EPA 200.8	
Iron, Total	0.07	0.3	0.02	mg/L	7/26/2013 14:03	TS	EPA 200.7	
<b>Lead, Total</b>	<b>0.0038</b>	<b>0.015</b>	<b>0.0005</b>	<b>mg/L</b>	7/19/2013 12:13	KSL	EPA 200.8	
Mercury, Total	ND	0.002	0.0002	mg/L	7/19/2013 12:13	KSL	EPA 200.8	
Magnesium, Total	20.8		0.2	mg/L	7/26/2013 14:03	TS	EPA 200.7	
Manganese, Total	ND	0.05	0.005	mg/L	7/26/2013 14:03	TS	EPA 200.7	
Nickel, Total	ND	0.1	0.005	mg/L	7/26/2013 14:03	TS	EPA 200.7	
Potassium, Total	1.1		0.5	mg/L	7/26/2013 14:03	TS	EPA 200.7	
Selenium, Total	ND	0.05	0.0005	mg/L	7/19/2013 12:13	KSL	EPA 200.8	
Silver, Total	ND	0.1	0.0005	mg/L	7/19/2013 12:13	KSL	EPA 200.8	
Silica, (as SiO2) Total	13.6		0.1	mg/L	7/26/2013 14:03	TS	EPA 200.7	
Sodium, Total	15.4		0.5	mg/L	7/26/2013 14:03	TS	EPA 200.7	
Thallium, Total	ND	0.002	0.0002	mg/L	7/19/2013 12:13	KSL	EPA 200.8	
Zinc, Total	ND	5	0.01	mg/L	7/26/2013 14:03	TS	EPA 200.7	
<b>Radiochemistry</b>								
Gross Alpha	1.9	15		pCi/L	8/12/2013 0:28	ACZ	EPA 900.0	SL-17
Gross Alpha LLD	2.8			pCi/L	8/12/2013 0:28	ACZ	EPA 900.0	SL-17
Gross Alpha Variance	2.7			pCi/L	8/12/2013 0:28	ACZ	EPA 900.0	SL-17
Gross Beta	1.1			pCi/L	8/12/2013 0:28	ACZ	EPA 900.0	SL-17
Gross Beta LLD	5.4			pCi/L	8/12/2013 0:28	ACZ	EPA 900.0	SL-17
Gross Beta Variance	3.6			pCi/L	8/12/2013 0:28	ACZ	EPA 900.0	SL-17
Radium-228	0.66			pCi/L	8/20/2013 16:05	ACZ	EPA 904.0	SL-17
Radium-228 LLD	0.82			pCi/L	8/20/2013 16:05	ACZ	EPA 904.0	SL-17
Radium-228 Variance	0.32			pCi/L	8/20/2013 16:05	ACZ	EPA 904.0	SL-17