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Project: API +  
Project Name / Number: [none]  
Project Manager: Brennan Stubbs

Reported:  
09/24/13 14:34

**Russell 4E**

1309102-04 (Water)

30-045-25261

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
<b>General Chemistry</b>									
Alkalinity, Bicarbonate*	28.0	10.0		mg/L	2	09/13/13	2320 B	Q1, H1	JAW
Alkalinity, Carbonate*	<10.0	10.0		mg/L	2	09/13/13	2320 B	Q1, H1	JAW
Alkalinity, Hydroxide*	<10.0	10.0		mg/L	2	09/13/13	2320 B	Q1, H1	JAW
Alkalinity, Total*	28.0	10.0		mg/L	2	09/13/13	2320 B	Q1, H1	JAW
Chloride	24.0	10.0	5.00	mg/L	1	09/13/13	4500-Cl- C		JAW
Conductivity*	5470	10.0		uS/cm	1	09/12/13	2510 B		DJZ
Hardness	239	66.2	0.878	mg/L	10	09/13/13	2340 B		JGS
pH*	8.74			pH Units	1	09/12/13	EPA150.1	H1	DJZ
Resistivity	183			ohm/cm	1	09/19/13	2510 B	H1	DJZ
Silica Potentially Dissolved	<10.7	10.7	7.39	mg/L	10	09/13/13	2340 B		JGS
Sulfate	2700	500	54.0	mg/L	50	09/18/13	4500-SO42- E	Q1, H2	ABP
TDS*	3980	10.0		mg/L	1	09/18/13	EPA160.1	H1	JAW
<b>Potentially Dissolved Metals by ICP</b>									
Barium*	<0.100	0.100	0.030	mg/L	10	09/13/13	EPA200.7		JGS
Calcium*	95.7	10.0	0.039	mg/L	10	09/13/13	EPA200.7		JGS
Iron*	9.85	0.500	0.040	mg/L	10	09/13/13	EPA200.7		JGS
Lead*	<1.00	1.00	0.240	mg/L	10	09/13/13	EPA200.7		JGS
Magnesium*	<10.0	10.0	0.190	mg/L	10	09/13/13	EPA200.7		JGS
Manganese*	0.066	0.050	0.004	mg/L	10	09/13/13	EPA200.7		JGS
Potassium*	<10.0	10.0	3.64	mg/L	10	09/13/13	EPA200.7		JGS
Silicon	<5.00	5.00	3.45	mg/L	10	09/13/13	EPA200.7		JGS
Sodium*	1180	10.0	0.041	mg/L	10	09/13/13	EPA200.7		JGS
Strontium*	5.59	1.00	0.004	mg/L	10	09/13/13	EPA200.7		JGS
Zinc*	<0.500	0.500	0.025	mg/L	10	09/13/13	EPA200.7		JGS
Cation/Anion Balance	-56								

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

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