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Lab #: 004857 **LABORATORY ANALYSIS REPORT** Report Date: 09/22/2023 07:41 a

Send To: 54719	CQ STEADMAN, JAMES 2903 N LEA AVE ROSWELL, NM 88201	 Amy Meier Data Review Coordinator
Bill To: 50944		

Client Name:	CODY BURSON	Received:	09/11/2023 11:00 am
Sample ID:	BLUE BELL WATER	Submitted By:	
Location:	WELL HEAD	Invoice No:	423955
Sampled:	09/08/2023 11:00 am	P.O. #:	
Sampled By:	ROSS STEADMAN		

Analysis	Result	Unit	lbs /	
			Acre Inch	meq / L
Electrical Conductivity, EC @ 25C	4690	µmho/cm		
pH, at 20.4°C	7.8	unit		
Nitrate Nitrogen, NO3-N	3.27	mg/L	0.7	0.2
Chloride, Cl	860	mg/L	195.0	24.3
Sulfate, SO4	1300	mg/L	294.7	27.0
Sulfate-Sulfur, SO4-S	420	mg/L	95.2	26.2
Bicarbonate, HCO3	190	mg/L	43.1	3.1
Carbonate, CO3	<10	mg/L	<2.3	<0.3
Hydroxide, OH	<10	mg/L	<2.3	<0.6
Total Alkalinity, CaCO3	170	mg/L	38.5	3.4
Hardness (CaCO3)	1700	mg/L		
Hardness (CaCO3)	99	grains/gal		
Total Calcium, Ca	508	mg/L	115.2	25.3
Total Magnesium, Mg	101	mg/L	22.9	8.3
Total Potassium, K	3	mg/L	0.7	<0.1
Total Sodium, Na	410	mg/L	93.2	17.9
Sodium Adsorption Ratio, SAR	4.4	ratio		
Adjusted SAR, SARa	5.9	ratio		
CROSS Cation Ratio, CROSS	4.6	ratio		
Total Boron, B	0.13	mg/L	<0.1	
Total Iron, Fe	0.13	mg/L	<0.1	
Total Manganese, Mn	<0.005	mg/L	<0.0	
Total Dissolved Solids (Calc), TDS	3000	mg/L		

Report formatted for regulatory compliance available upon request.

The reported analytical results apply only to the sample as it was supplied.

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