

TABLE 1
ANALYTICAL SUMMARY
Complaint #200340214
Burkhart Water Well

Parameter	Water Well Sample		CDPHE Standards			
	Sample Date					
	Baseline	Post-Fracture				
	Result 3-16-11	Result 2-20-12	Unit	Domestic	Agriculture	Units
Boron	NA	NA	mg/l	NS	0.75	mg/l
Copper	NA	NA	mg/l	1	0.2	mg/l
Arsenic	ND	ND	mg/l	0.05	0.1	mg/l
Barium	0.033	ND	mg/l	2.0		mg/l
Cadmium	ND	NA	mg/l	0.005	0.01	mg/l
Calcium	68	68	mg/l	NS		
Chromium	ND	ND	mg/l	0.1	0.1	mg/l
Iron	0.81	0.34	mg/l	0.3	5	mg/l
Lead	ND	ND	mg/l	0.05	0.1	mg/l
Magnesium	20	20	mg/l	NS		
Manganese	0.052	0.053	mg/l	0.05	0.2	mg/l
Potassium	6.7	8.1	mg/l	NS		
Selenium	ND	ND	mg/l	0.05	0.02	mg/l
Silver	ND	NA	mg/l	0.05	NS	mg/l
Sodium	68	66	mg/l	NS		
Uranium	ND	NA	mg/l	0.03		mg/l
Chloride	11	12	mg/l	250	NS	mg/l
Nitrite	ND	ND	mg/l	1.0	10	mg/l
Nitrate	ND	ND	mg/l	10.0	100	mg/l
Total Nitrite/Nitrate	ND	ND	mg/l	10.0	100	mg/l
Fluoride	0.81	0.68	mg/l	4.0	NS	mg/l
Total Dissolved Solids	450	520	mg/l	500	*1500	mg/l
pH	7.11	7.28	No units	6.5 - 8.5	6.5 - 8.5	No units
Sulfate	140	150	mg/l	250		mg/l
Sodium Adsorption Ratio	1.8	1.8	No units	NS		
Bromide	ND	NA	mg/l	NS		
Total Alkalinity	260	250	mg/l	NS		
Bicarbonate	260	250	mg/l	NS		
Carbonate	ND	ND	mg/l	NS		
Conductivity	0.78	0.781	mmhos/cm	NS		
Methane	ND	ND	mg/l	NS		

CDPHE

Domestic

Agriculture

mg/l

CDPHE Standards

mmhos/cm

NA

ND

NS

Colorado Department of Public Health and the Environment.

Standards for Domestic Water Supply, Human Health and Drinking Water Standards.

* Standards for agriculture compiled from CDPHE and other of sources.

Milligrams per liter (equals parts per million).

Water Quality Control Commission 5 CCR 1002-41, Regulation No. 41 - The Basic

Standards For Groundwater.

millimhos per centimeer

Not analyzed.

Not detected.

No Standard.

Health Advisory.

Human health standard.

Secondary standard.