

**TABLE 1**  
**ANALYTICAL SUMMARY**  
**Water Sample - Ackerman #1**  
**API 05-069-05209**

Parameter	Sample Result			
	Sample Date		CDPHE Standards	
	October 23, 2014			
	Result	Domestic Water Supply - Human Health Standards	Agricultural Standards	Units
Arsenic	NA	0.05	0.1	mg/l
Barium	0.11	2.0	NS	mg/l
Cadmium	NA	0.005	0.01	mg/l
Chromium	ND	0.1	0.1	mg/l
Fluoride	4.8	4.0	2	mg/l
Lead	0.018	0.05	0.1	mg/l
Nitrite	NS	1.0	10	mg/l
Nitrate	NS	10.0	100	mg/l
Total Nitrite/Nitrate	0.012	10.0	100	mg/l
Selenium	ND	0.05	0.02	mg/l
Silver	NA	0.05	NS	mg/l
Uranium	NA	0.03	NS	mg/l
	Result	Domestic Water Supply - Drinking Water (Secondary) Standards	Agricultural Standards	Units
Chloride	390	250	NS	mg/l
Copper	NA	1	0.2	mg/l
Iron	11	0.3	5	mg/l
Manganese	0.053	0.05	0.2	mg/l
pH	8.83	6.5 - 8.5	6.5 - 8.5	No units
Sulfate	2.4	250	NS	mg/l
Total Dissolved Solids	1800	500	*1500	mg/l
Calcium	2.6	NS	NS	mg/l
Magnesium	0.68	NS	NS	mg/l
Potassium	4.8	NS	NS	mg/l
Sodium	790	NS	NS	mg/l
Bromide	0.98	NS	NS	mg/l
Carbonate	140	NS	NS	mg/l
Bicarbonate	1000	NS	NS	mg/l
Total Alkalinity	1100	NS	NS	mg/l
Conductivity	3.09	NS	NS	mmhos/cm
Sodium Adsorption Ratio	110	NS	NS	No units
Methane	13	NS	NS	mg/l
Ethane	0.12	NS	NS	mg/l
Propane	0.009	NS	NS	mg/l

**Notes**

<b>CDPHE Standards</b>	Water Quality Control Commission 5 CCR 1002-41, Regulation No. 41 - The Basic Standards For Gr
<b>mg/l</b>	Milligrams per liter (equals parts per million).
<b>mmhos/cm</b>	millimhos per centimeer
<b>NA</b>	Not analyzed.
<b>ND</b>	Not detected.
<b>NS</b>	No Standard.
<b>**</b>	Health Advisory.
	Human health standard.
	Secondary standard.