

TABLE 1
ANALYTICAL SUMMARY
MC Farms Water Well
Division of Water Resources Permit No. 277080

Parameter	MC Farms Water Well		CDPHE Standards		
	09/20/2016	Unit	Domestic	Agriculture	Unit
Boron	0.56	mg/l	NS	0.75	mg/l
Copper	NA	mg/l	1	0.2	mg/l
Arsenic	NA	mg/l	0.01	0.1	mg/l
Barium	0.01	mg/l	2.0	NS	mg/l
Cadmium	NA	mg/l	0.005	0.01	mg/l
Calcium	91	mg/l	NS	NS	
Chromium	ND	mg/l	0.1	0.1	mg/l
Iron	ND	mg/l	0.3	5	mg/l
Lead	ND	mg/l	0.05	0.1	mg/l
Magnesium	27	mg/l	NS	NS	
Manganese	0.11	mg/l	0.05	0.2	mg/l
Potassium	6.7	mg/l	NS	NS	
Selenium	ND	mg/l	0.05	0.02	mg/l
Silver	NA	mg/l	0.05	NS	mg/l
Sodium	560	mg/l	NS	NS	
Chloride	110	mg/l	250	NS	mg/l
Nitrite	ND	mg/l	1.0	10	mg/l
Nitrate	ND	mg/l	10.0	100	mg/l
Total Nitrite/Nitrate	ND	mg/l	10.0	100	mg/l
Fluoride	ND	mg/l	4.0	NS	mg/l
Total Dissolved Solids	2100	mg/l	500	*1500	mg/l
pH	7.85	No units	6.5 - 8.5	6.5 - 8.5	No units
Sulfate	1200	mg/l	250	NS	mg/l
Sodium Adsorption Ratio	18.7	No units	NS	NS	
Bromide	1.4	mg/l	NS	NS	
Total Alkalinity	140	mg/l	NS	NS	
Bicarbonate	140	mg/l	NS	NS	
Carbonate	ND	mg/l	NS	NS	
Conductivity	3.11	mmhos/cm	NS	NS	
Methane	ND	mg/l	NS	NS	

Notes

CDPHE	Colorado Department of Public Health and the Environment.
Domestic	Standards for Domestic Water Supply, Human Health and Drinking Water Standards.
Agriculture	* Standards for agriculture complied from CDPHE and other of sources.
mg/l	Milligrams per liter (equals parts per million).
CDPHE Standards	Water Quality Control Commission 5 CCR 1002-41, Regulation No. 41 - The Basic Standards For Groundwater.
mmhos/cm	millimhos per centimeer
NA	Not analyzed.
ND	Not detected.
NS	No Standard.
**	Health Advisory.
	Human health standard.
	Secondary standard.