



Sample Analysis Report

CLIENT: Powder River Basin Resource Council
934 North Main Street
Sheridan, WY 82801

Date Reported: 5/6/2008
Report ID: S0804404001

Project: CBM SA Creek Rogers Ranch
Lab ID: S0804404-001
Client Sample ID: SA Creek Rogers Ranch
COC: 117956

Work Order: S0804404
Collection Date: 4/24/2008 12:45:00 PM
Date Received: 4/25/2008 8:42:00 AM
Sampler: JM
Matrix: Water

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
General Parameters						
Electrical Conductivity	7620	5		µmhos/cm	04/28/2008 2324 SM	SM 2510B
Sodium Adsorption Ratio	11.3	0.1			04/30/2008 1016 SM	Calculation
Anions						
Sulfate	4590	1		mg/L	04/25/2008 1334 LK	EPA 300.0
Cations						
Calcium	386	1		mg/L	04/29/2008 529 RM	EPA 200.7
Magnesium	452	1		mg/L	04/29/2008 529 RM	EPA 200.7
Sodium	1380	1		mg/L	04/29/2008 529 RM	EPA 200.7
Cation/Anion-Milliequivalents						
Calcium	19.25	0.01		meq/L	04/30/2008 1016 SM	SM 1030F
Magnesium	37.16	0.01		meq/L	04/30/2008 1016 SM	SM 1030F
Sodium	59.87	0.01		meq/L	04/30/2008 1016 SM	SM 1030F
Dissolved Metals						
Iron	ND	0.05		mg/L	04/29/2008 529 RM	EPA 200.7

These results apply only to the samples tested.

- Qualifiers:**
- * Value exceeds Maximum Contaminant Level
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - M Value exceeds Monthly Ave or MCL
 - S Spike Recovery outside accepted recovery limits
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - ND Not Detected at the Reporting Limit

Reviewed by: Lacey Ketron
Lacey Ketron, Project Manager