

Attachment A

Chemical Analysis of Recycled Water

HALLIBURTON

Rockies Lab Water Analysis Report
District: Grand Junction

Tested By Zac Davis
Reported By Zac Davis

Customer and Well Information

Company	<u>WPX</u>	Well/Sample Name	<u>Parachute</u>
Report To	<u>Mark Mayo</u>	Date Received	<u>1/15/2013</u>
		Date Tested	<u>1/15/2013</u>

Sample Physical Characteristics

Sample 1	<u>W008</u>				
Temperature	<u>55.0</u>	°F	Resistivity	<u>0.8</u>	Ω·m
Specific Gravity	<u>1.013</u>		Conductivity	<u>38.1</u>	mS/cm
pH	<u>7.3</u>		TDS	<u>18414.0</u>	mg/L
Turbidity	<u>115.0</u>	FNU	Color (observation)	<u>Clear</u>	

Sample Chemical Characteristics

Anions

Chloride	<u>10830</u>	mg/L
Sulfate	<u>20</u>	mg/L
Carbonate	<u>0</u>	mg/L
Bicarbonate	<u>680</u>	mg/L
Hydroxide	<u>0</u>	mg/L

Cations

Total Iron	<u>2.5</u>	mg/L
Ferrous Iron	<u>0.1</u>	mg/L
Potassium	<u>47</u>	mg/L
Calcium	<u>725</u>	mg/L
Magnesium	<u>65</u>	mg/L
Sodium (calculated)	<u>6305</u>	mg/L

General Comments

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