

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: D6K220202 Pioneer Natural Resources USA, Inc. Raton Basin Wells Date Reported: 12/04/06 PAGE 1
Project Number: 35000210
REPORTING ANALYTICAL
PARAMETER RESULT LIMIT UNITS METHOD

Client Sample ID: KEYSTONE MW

Sample #: 001 Date Sampled: 11/20/06 16:00 Date Received: 11/22/06 Matrix: WATER

Inductively Coupled Plasma (ICP) Metals Reviewed

Silver	ND	0.010	mg/L	MCAWW 200.7
Calcium	36.5	0.20	mg/L	MCAWW 200.7
Cadmium	ND	0.0050	mg/L	MCAWW 200.7
Chromium	ND	0.010	mg/L	MCAWW 200.7
Iron	2.2	0.10	mg/L	MCAWW 200.7
Magnesium	4.9	0.20	mg/L	MCAWW 200.7
Manganese	0.27	0.010	mg/L	MCAWW 200.7
Sodium	57.1	5.0	mg/L	MCAWW 200.7
Zinc	ND	0.020	mg/L	MCAWW 200.7
Copper	Dissolved ND	0.010	mg/L	MCAWW 200.7
Manganese	Dissolved 0.26	0.010	mg/L	MCAWW 200.7
Zinc	Dissolved ND	0.020	mg/L	MCAWW 200.7

Inductively Coupled Plasma (ICP) Metals Reviewed

Boron	ND	0.050	mg/L	SW846 6010B
Calcium	32.3	0.20	mg/L	SW846 6010B
Iron	2.1	0.10	mg/L	SW846 6010B
Potassium	ND	3.0	mg/L	SW846 6010B
Magnesium	4.4	0.20	mg/L	SW846 6010B
Sodium	49.6	5.0	mg/L	SW846 6010B

Dissolved Gases in Water Reviewed

Methane	460	5.0	ug/L	RSK SOP-175
Ethane	17	5.0	ug/L	RSK SOP-175
Ethene	ND	5.0	ug/L	RSK SOP-175

Extractable Petroleum Hydrocarbons Reviewed

Diesel Range Organics	ND	0.25	mg/L	SW846 8015B
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Volatiles by GC Reviewed

Benzene	0.93	0.50	ug/L	SW846 8021B
Ethylbenzene	ND	0.50	ug/L	SW846 8021B
Toluene	ND	0.50	ug/L	SW846 8021B
Xylenes (total)	ND	0.50	ug/L	SW846 8021B

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Lot #: D6K220202 Pioneer Natural Resources USA, Inc. PAGE 2
Raton Basin Wells Date Reported: 12/04/06
Project Number: 35000210
REPORTING ANALYTICAL
PARAMETER RESULT LIMIT UNITS METHOD

Client Sample ID: KEYSTONE MW

Sample #: 001 Date Sampled: 11/20/06 16:00 Date Received: 11/22/06 Matrix: WATER

Inorganic Analysis					Reviewed
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	
Bicarbonate Alkalinity	134	5.0	mg/L	MCAWW 310.1	
Hydroxide Alkalinity	ND	5.0	mg/L	MCAWW 310.1	
Alkalinity	134	5.0	mg/L	MCAWW 310.1	
N-Hexane Extractable Material (1664A)	ND	5.0	mg/L	CFR136A 1664A HEM	
Bromide	ND	0.20	mg/L	MCAWW 300.0A	
Chloride	3.9	1.0	mg/L	MCAWW 300.0A	
Fluoride	0.66	0.20	mg/L	MCAWW 300.0A	
Nitrate as N	ND	0.10	mg/L	MCAWW 300.0A	
Sulfate	85.8 Q	25.0	mg/L	MCAWW 300.0A	
pH (Electrometric)	7.8	0.10	No Units	MCAWW 150.1	
Sulfide (Colorimetric, MB)	ND	0.050	mg/L	MCAWW 376.2	
Filterable Residue (TDS)	308	10.0	mg/L	MCAWW 160.1	
Non-Filterable Residue (TSS)	32.0	4.0	mg/L	MCAWW 160.2	
Resistivity	21.3	0.00020	ohm-m	MCAWW 120.1	
Specific Gravity	1.00	0.000100	--	ASTM D1429	

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: TRIP BLANK

Sample #: 002 Date Sampled: 11/20/06 16:00 Date Received: 11/22/06 Matrix: WATER

Volatiles by GC					Reviewed
Benzene	ND	0.50	ug/L	SW846 8021B	
Ethylbenzene	ND	0.50	ug/L	SW846 8021B	
Toluene	ND	0.50	ug/L	SW846 8021B	
Xylenes (total)	ND	0.50	ug/L	SW846 8021B	