

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 #: D6F220200 Pioneer Natural Resources USA, Inc. PAGE 2
Raton Basin Wells Date Reported: 7/06/06
Project Number: 35000210
REPORTING ANALYTICAL
PARAMETER RESULT LIMIT UNITS METHOD

Client Sample ID: ROADSTER 41-33KV

Specific Gravity Reviewed
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: WILLYS 32-8 TR

Sample #: 002 Date Sampled: 06/21/06 10:21 Date Received: 06/22/06 Matrix: WATER

Inductively Coupled Plasma (ICP) Metals Reviewed
Copper Dissolved ND 0.010 mg/L MCAWW 200.7
Manganese Dissolved 0.12 0.010 mg/L MCAWW 200.7
Zinc Dissolved ND 0.020 mg/L MCAWW 200.7

Inductively Coupled Plasma (ICP) Metals Reviewed
Boron 0.051 0.050 mg/L SW846 6010B
Calcium 3.5 0.20 mg/L SW846 6010B
Copper ND 0.010 mg/L SW846 6010B
Iron 12.5 0.050 mg/L SW846 6010B
Iron 12.0 0.050 mg/L SW846 6010B
Potassium ND 3.0 mg/L SW846 6010B
Magnesium 0.71 0.10 mg/L SW846 6010B
Sodium 394 5.0 mg/L SW846 6010B
Zinc ND 0.020 mg/L SW846 6010B

ICP-Mass Spectrometry ICP-Mass Spectrometry Reviewed
Selenium ND 0.0040 mg/L MCAWW 200.8

Volatiles by GC Reviewed
Benzene 8.9 0.50 ug/L SW846 8021B
Ethylbenzene ND 0.50 ug/L SW846 8021B
Toluene 3.5 0.50 ug/L SW846 8021B
Xylenes (total) 3.1 0.50 ug/L SW846 8021B

Inorganic Analysis
Carbonate Alkalinity ND 5.0 mg/L MCAWW 310.1

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Lot #: D6F220200 Pioneer Natural Resources USA, Inc. Raton Basin Wells Project Number: 35000210 Date Reported: 7/06/06 PAGE 3

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: WILLYS 32-8 TR

Sample #: 002 Date Sampled: 06/21/06 10:21 Date Received: 06/22/06 Matrix: WATER

Bicarbonate Alkalinity Reviewed

Bicarbonate Alkalinity	727	5.0	mg/L	MCAWW 310.1
Hydroxide Alkalinity	ND	5.0	mg/L	MCAWW 310.1
Alkalinity	727	5.0	mg/L	MCAWW 310.1
Chloride (Colorimetric, Automated Ferricyanide)	104	2.5	mg/L	MCAWW 32522
Sulfate	ND	5.0	mg/L	MCAWW 300.0A
pH (Electrometric)	7.9	0.10	No Units	MCAWW 150.1
Sulfide (Colorimetric, MB)	ND	0.050	mg/L	MCAWW 376.2
Filterable Residue (TDS)	1030	10.0	mg/L	MCAWW 160.1
Non-Filterable Residue (TSS)	27.6	4.0	mg/L	MCAWW 160.2
Resistivity	6.4	0.00020	ohm-m	MCAWW 120.1
Specific Gravity	1.00	0.000100	--	ASTM D1429

Client Sample ID: J&J 42-5 TR

Sample #: 003 Date Sampled: 06/21/06 11:08 Date Received: 06/22/06 Matrix: WATER

Inductively Coupled Plasma (ICP) Metals Reviewed

Copper	Dissolved	ND	0.010	mg/L	MCAWW 200.7
Manganese	Dissolved	0.047	0.010	mg/L	MCAWW 200.7
Zinc	Dissolved	0.028	0.020	mg/L	MCAWW 200.7

Inductively Coupled Plasma (ICP) Metals

Boron	0.054	0.050	mg/L	SW846 6010B
Calcium	4.3	0.20	mg/L	SW846 6010B
Copper	ND	0.010	mg/L	SW846 6010B
Iron	4.1	0.050	mg/L	SW846 6010B
Iron	3.7	0.050	mg/L	SW846 6010B
Potassium	ND	3.0	mg/L	SW846 6010B
Magnesium	0.80	0.10	mg/L	SW846 6010B
Sodium	453	5.0	mg/L	SW846 6010B
Zinc	ND	0.020	mg/L	SW846 6010B

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