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*What's
the API?*

Analytical and Quality Control Report

Dorsey Rogers
Cimarex
207 S Mesa
Carlsbad, NM, 88220

Report Date: November 22, 2006

Work Order: 6112211



Project Location: Lea Co, N.M.
Project Name: Pennzoil B 36#
Project Number: Pennzoil B 36#

#30025379910000

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
109691	#001 N.E. Corner	soil	2006-11-21	13:00	2006-11-22
109692	#002 N.W. Corner	soil	2006-11-21	13:30	2006-11-22
109693	#003 Center	soil	2006-11-21	14:00	2006-11-22
109694	#004 S.E. Corner	soil	2006-11-21	14:30	2006-11-22
109695	#005 S.W. Corner	soil	2006-11-21	15:00	2006-11-22
109696	#006 Background	soil	2006-11-21	15:30	2006-11-22

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 5 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

[Signature]
Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Closure APPROVED OGD

11.30.06

[Signature]



11/22/2006 WED 02:40 [TX/RX NO 6809] 004

*Verbal OK
from Larry Johnson
RC 11/27/06*

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Analytical Report

Sample: 109691 - #001 N.E. CornerAnalysis: Chloride (Titration)
QC Batch: 32203
Prep Batch: 28042Analytical Method: SM 4500-Cl B
Date Analyzed: 2006-11-22
Sample Preparation: 2006-11-22Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		40.4	mg/Kg	1	2.00

Sample: 109692 - #002 N.W. CornerAnalysis: Chloride (Titration)
QC Batch: 32203
Prep Batch: 28042Analytical Method: SM 4500-Cl B
Date Analyzed: 2006-11-22
Sample Preparation: 2006-11-22Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		56.4	mg/Kg	1	2.00

Sample: 109693 - #003 CenterAnalysis: Chloride (Titration)
QC Batch: 32203
Prep Batch: 28042Analytical Method: SM 4500-Cl B
Date Analyzed: 2006-11-22
Sample Preparation: 2006-11-22Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		67.9	mg/Kg	1	2.00

Sample: 109694 - #004 S.E. CornerAnalysis: Chloride (Titration)
QC Batch: 32203
Prep Batch: 28042Analytical Method: SM 4500-Cl B
Date Analyzed: 2006-11-22
Sample Preparation: 2006-11-22Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		61.1	mg/Kg	1	2.00

Sample: 109695 - #005 S.W. CornerAnalysis: Chloride (Titration)
QC Batch: 32203
Prep Batch: 28042Analytical Method: SM 4500-Cl B
Date Analyzed: 2006-11-22
Sample Preparation: 2006-11-22Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Report Date: November 22, 2006
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Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		55.7	mg/Kg	1	2.00

Sample: 109696 - #006 Background

Analysis: Chloride (Titration) Analytical Method: SM 4500-Cl B Prep Method: N/A
QC Batch: 32203 Date Analyzed: 2006-11-22 Analyzed By: SM
Prep Batch: 28042 Sample Preparation: 2006-11-22 Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<2.00	mg/Kg	1	2.00

Method Blank (1) QC Batch: 32203

QC Batch: 32203 Date Analyzed: 2006-11-22 Analyzed By: SM
Prep Batch: 28042 QC Preparation: 2006-11-22 Prepared By: SM

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.500	mg/Kg	2

Laboratory Control Spike (LCS-1)

QC Batch: 32203 Date Analyzed: 2006-11-22 Analyzed By: SM
Prep Batch: 28042 QC Preparation: 2006-11-22 Prepared By: SM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	102	mg/Kg	1	100	<0.500	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	99.6	mg/Kg	1	100	<0.500	100	85 - 115	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 109700

QC Batch: 32203 Date Analyzed: 2006-11-22 Analyzed By: SM
Prep Batch: 28042 QC Preparation: 2006-11-22 Prepared By: SM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	97.5	mg/Kg	1	100	<0.500	98	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

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Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	101	mg/Kg	1	100	<0.500	101	70 - 130	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 32203

Date Analyzed: 2006-11-22

Analyzed By: SM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	98.7	99	85 - 115	2006-11-22

Standard (CCV-1)

QC Batch: 32203

Date Analyzed: 2006-11-22

Analyzed By: SM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2006-11-22

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.
ORIGINAL COPY

Carrier # Walk-in

LAB Order ID #

6112211

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Company Name: New Mexico Environmental Services Phone #: (505) 441-1123
Address: P.O. Box 510 Hobbs N.M. 88241 Fax #: (505) 392-3015
Contact Person: Cris Burch Email: cburch@nmes.com
Invoice to: Comarc Energy
(If different from above)
Project #:

Project Location (including state): Pennzoil B 36 #1 Lease N.M. Sampler Signature: Cris Burch

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB / LAB USE ONLY	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD				SAMPLING		MTBE 8021B / 603 / 8260B / 624	BTX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1006 Epi(C35)	TPH 6015 GRO / DRO / VHC	PAH 8270C / 825	Total Metals Ag As Ba Cd Cr Pb Se Hg 8010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol 8260B / 624	GC/MS Semi Vol 8270C / 625	PCBs 8082 / 808	Pesticides 8081A / 808	BOD, TSS, pH	Monitoring Measurements	pH	Residue weight using standard	Turn Around Time if Hold	Hold		
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE																						DATE	TIME
1001	#001 NE Corner	1	400	K									11/26/06	1:00																						
1002	#002 NW Corner			K										1:30																						
1003	#003 Center			K										2:00																						
1004	#004 SE Corner			K										2:30																						
1005	#005 SW Corner			K										3:00																						
1006	#006 Background			K										3:40																						

Relinquished by: Cris Burch Date: 11/26/06 Time: 7:00 AM
Received by: [Signature] Date: 11/26/06 Time: 7:00 AM
Relinquished by: [Signature] Date: 11/26/06 Time: 10:00 AM
Received by: [Signature] Date: 11/26/06 Time: 10:00 AM

LAB USE ONLY
Initial: [Signature]
Date: 11/26/06
Time: 10:00 AM

REMARKS:
☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check if Special Reporting Limits Are Needed

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