Summary Report

Dorsey Rogers
Cimarex
207 S Mesa
Carlsbad, NM, 88220

Report Date: May 2, 2007

Work Order: 7050215

Project Location: Eddy Co.,NM
Project Name: 30-015-34520
Project Number: Taos Fed #1

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
123181	1-Background 1-6 inch	soil	2007-05-01	11:20	2007-05-02
123182	2-SE Quad 3'	soil	2007-05-01	12:02	2007-05-02
123183	3-SW Quad 3'3	soil	2007-05-01	12:15	2007-05-02
123184	4-NW Quad 3'	soil	2007-05-01	12:20	2007-05-02
123185	5-Center 3'	soil	2007-05-01	12:30	2007-05-02
123186	6-NE Quad 3'	soil	2007-05-02	12:38	2007-05-02

Sample: 123181 - 1-Background 1-6 inch

Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	5.00

Sample: 123182 - 2-SE Quad 3'

Param	Flag	Result	Units	RL
Chloride		**156**	mg/Kg	5.00

Sample: 123183 - 3-SW Quad 3'3

Param	Flag	Result	Units	RL
Chloride		**132**	mg/Kg	5.00

Sample: 123184 - 4-NW Quad 3'

Param	Flag	Result	Units	RL
Chloride		**144**	mg/Kg	5.00

Sample: 123185 - 5-Center 3'

Param	Flag	Result	Units	RL
Chloride		**268**	mg/Kg	5.00

Sample: 123186 - 6-NE Quad 3'

Param	Flag	Result	Units	RL
Chloride		**140**	mg/Kg	5.00

TRACEANALYSIS, INC.

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Analytical and Quality Control Report

Dorsey Rogers
Cimarex
207 S Mesa
Carlsbad, NM, 88220

Report Date: May 2, 2007

Work Order: 7050215

Project Location: Eddy Co.,NM
Project Name: 30-015-34520
Project Number: Taos Fed #1

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
123181	1-Background 1-6 inch	soil	2007-05-01	11:20	2007-05-02
123182	2-SE Quad 3'	soil	2007-05-01	12:02	2007-05-02
123183	3-SW Quad 3'3	soil	2007-05-01	12:15	2007-05-02
123184	4-NW Quad 3'	soil	2007-05-01	12:20	2007-05-02
123185	5-Center 3'	soil	2007-05-01	12:30	2007-05-02
123186	6-NE Quad 3'	soil	2007-05-02	12:38	2007-05-02

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.

Dr. Blair Leftwich, Director

Standard Flags

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

Case Narrative

Samples for project '30-015-34520' were received by TraceAnalysis, Inc. on 2007-05-02 and assigned to work order 7050215. Samples for work order 7050215 were received intact at a temperature of 4 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method
Chloride (Titration)	SM 4500-Cl B

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 7050215 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 123181 - 1-Background 1-6 inch

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36930	Date Analyzed:	2007-05-02	Analyzed By:	ER
Prep Batch:	32040	Sample Preparation:	2007-05-02	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<50.0	mg/Kg	10	5.00

Sample: 123182 - 2-SE Quad 3'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36930	Date Analyzed:	2007-05-02	Analyzed By:	ER
Prep Batch:	32040	Sample Preparation:	2007-05-02	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**156**	mg/Kg	20	5.00

Sample: 123183 - 3-SW Quad 3'3

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36930	Date Analyzed:	2007-05-02	Analyzed By:	ER
Prep Batch:	32040	Sample Preparation:	2007-05-02	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**132**	mg/Kg	20	5.00

Sample: 123184 - 4-NW Quad 3'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36930	Date Analyzed:	2007-05-02	Analyzed By:	ER
Prep Batch:	32040	Sample Preparation:	2007-05-02	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**144**	mg/Kg	20	5.00

Sample: 123185 - 5-Center 3'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36930	Date Analyzed:	2007-05-02	Analyzed By:	ER
Prep Batch:	32040	Sample Preparation:	2007-05-02	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**268**	mg/Kg	20	5.00

Sample: 123186 - 6-NE Quad 3'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36930	Date Analyzed:	2007-05-02	Analyzed By:	ER
Prep Batch:	32040	Sample Preparation:	2007-05-02	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**140**	mg/Kg	20	5.00

Method Blank (1) QC Batch: 36930

QC Batch:	36930	Date Analyzed:	2007-05-02	Analyzed By:	ER
Prep Batch:	32040	QC Preparation:	2007-05-02	Prepared By:	ER

Parameter	Flag	MDL Result	Units	RL
Chloride		<3.25	mg/Kg	5

Laboratory Control Spike (LCS-1)

QC Batch:	36930	Date Analyzed:	2007-05-02	Analyzed By:	ER
Prep Batch:	32040	QC Preparation:	2007-05-02	Prepared By:	ER

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	98.5	mg/Kg	1	100	<3.25	98	90 - 110

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	99.9	mg/Kg	1	100	<3.25	100	90 - 110	1	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: 123186

QC Batch:	36930	Date Analyzed:	2007-05-02	Analyzed By:	ER
Prep Batch:	32040	QC Preparation:	2007-05-02	Prepared By:	ER

continued ...

matrix spikes continued ...

Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	[1]	335	mg/Kg	20	2000	140.078	10	84.6 - 117

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

Param		MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	[2]	338	mg/Kg	20	2000	140.078	10	84.6 - 117	1	20

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

Standard (ICV-1)

QC Batch: 36930 Date Analyzed: 2007-05-02 Analyzed By: ER

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-05-02

Standard (CCV-1)

QC Batch: 36930 Date Analyzed: 2007-05-02 Analyzed By: ER

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.8	100	85 - 115	2007-05-02

[1]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[2]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 705021 5

Company Name: PHOENIX ENVIRONMENTAL
Phone #: 505-391-9685
Address: (Street, City, Zip) PO BOX 1856 HOBBS, NM 88241
Fax #: 505-391-9687
Contact Person: JUSTIN HUTCHINS 505-631-7700 CELL
E-mail: jthutchins@leaco.net
Invoice to: (If different from above) CIMAREX ENERGY DORCEY ROGERS
Project #: TAOS FED #1
Project Name: 30-015-34520
Project Location (including state): EDDY Co., NM
Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
123181	1 - BACKGROUND - 1-6"	1	4oz		X							X		5/1/07	11:20a
82	2 - SE QUAD - 3'	1	4oz		X							X		5/1/07	12:02P
83	3 - SW QUAD - 3'	1	4oz		X							X		5/1/07	12:15P
84	4 - NW QUAD - 3'	1	4oz		X							X		5/1/07	12:20P
85	5 - CENTER - 3'	1	4oz		X							X		5/1/07	12:30P
86	6 - NE QUAD - 3'	1	4oz		X							X		5/1/07	12:35P

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B / 602 / 8260B / 624	BTEX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/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	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	CHLORIDES				RUSH	Turn Around Time if different from standard	Hold
																	X				X		
																	X				X		
																	X				X		
																	X				X		
																	X				X		
																	X				X		

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	5/2/07	1:19 pm			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Rena Ripley	Date: 5/2/07	Time: 1119

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 4°C °
Log-In-Review

REMARKS: PLEASE E-MAIL RESULTS TO ALLEN NODLE & MIKE BRATCHER

- [ ] Dry Weight Basis Required
- [ ] TRRP Report Required
- [ ] Check If Special Reporting Limits Are Needed

Carrier #

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