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Analytical and Quality Control Report

Cris Bushy
New Mexico Environmental
P.O. Box 310
Hobbs, NM. 88241

Report Date: January 16, 2007

Work Order: 7011603



Project Location: Pipeline Deep 6 Fed #1
Project Number: Pipeline Deep 6 Fed #1

CIMAREX
APL# 30-005-37547

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
114000	#001 S.W. Corner 3'	soil	2007-01-12	13:30	2007-01-15
114001	#002 N.W. Corner 3'	soil	2007-01-12	14:00	2007-01-15
114002	#003 Center 3'	soil	2007-01-12	14:30	2007-01-15
114003	#004 N.E. Corner 3'	soil	2007-01-12	15:00	2007-01-15
114004	#005 S.E. Corner 3'	soil	2007-01-12	15:30	2007-01-15
114005	#006 Background	soil	2007-01-12	16:00	2007-01-15

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.

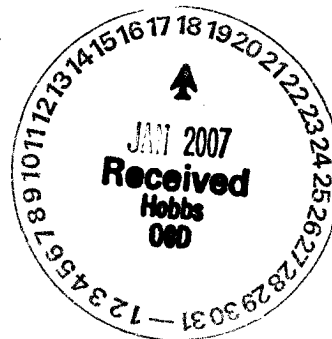
This report consists of a total of 5 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Lefkewich, Director

Standard Flags

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

Druid PTC Closure APPROVAL
OCD [Signature] 1-18-07
PT WAS INITIALLY CLOSED BY
ALLSTATE - CLOSURE WAS NOT
ACCEPTABLE.



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Analytical Report

Sample: 114000 - #001 S.W. Corner 3'

Analysis: Chloride (Titration)
QC Batch: 33680
Prep Batch: 29256

Analytical Method: SM 4500-Cl B
Date Analyzed: 2007-01-16
Sample Preparation: 2007-01-16

Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<4.00	mg/Kg	2	2.00

Sample: 114001 - #002 N.W. Corner 3'

Analysis: Chloride (Titration)
QC Batch: 33680
Prep Batch: 29256

Analytical Method: SM 4500-Cl B
Date Analyzed: 2007-01-16
Sample Preparation: 2007-01-16

Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<4.00	mg/Kg	2	2.00

Sample: 114002 - #003 Center 3'

Analysis: Chloride (Titration)
QC Batch: 33680
Prep Batch: 29256

Analytical Method: SM 4500-Cl B
Date Analyzed: 2007-01-16
Sample Preparation: 2007-01-16

Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		5.52	mg/Kg	2	2.00

Sample: 114003 - #004 N.E. Corner 3'

Analysis: Chloride (Titration)
QC Batch: 33680
Prep Batch: 29256

Analytical Method: SM 4500-Cl B
Date Analyzed: 2007-01-16
Sample Preparation: 2007-01-16

Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<4.00	mg/Kg	2	2.00

Sample: 114004 - #005 S.E. Corner 3'

Analysis: Chloride (Titration)
QC Batch: 33680
Prep Batch: 29256

Analytical Method: SM 4500-Cl B
Date Analyzed: 2007-01-16
Sample Preparation: 2007-01-16

Prep Method: N/A
Analyzed By: SM
Prepared By: SM

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Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		5.12	mg/Kg	2	2.00

Sample: 114005 - #006 Background

Analysis: Chloride (Titration) Analytical Method: SM 4500-Cl B Prep Method: N/A
QC Batch: 33680 Date Analyzed: 2007-01-16 Analyzed By: SM
Prep Batch: 29256 Sample Preparation: 2007-01-16 Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		28.8	mg/Kg	2	2.00

Method Blank (1) QC Batch: 33680

QC Batch: 33680 Date Analyzed: 2007-01-16 Analyzed By: SM
Prep Batch: 29256 QC Preparation: 2007-01-16 Prepared By: SM

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

Laboratory Control Spike (LCS-1)

QC Batch: 33680 Date Analyzed: 2007-01-16 Analyzed By: SM
Prep Batch: 29256 QC Preparation: 2007-01-16 Prepared By: SM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	90.2	mg/Kg	1	100	<0.500	90	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	91.8	mg/Kg	1	100	<0.500	92	90 - 110	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: 114004

QC Batch: 33680 Date Analyzed: 2007-01-16 Analyzed By: SM
Prep Batch: 29256 QC Preparation: 2007-01-16 Prepared By: SM

continued...

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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	163	mg/Kg	2	200	5.123	79	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	176	mg/Kg	2	200	5.123	85	84.6 - 117	8	20

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

Standard (ICV-1)

QC Batch: 33680

Date Analyzed: 2007-01-16

Analyzed By: SM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.7	100	85 - 115	2007-01-16

Standard (CCV-1)

QC Batch: 33680

Date Analyzed: 2007-01-16

Analyzed By: SM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-01-16

¹Matrix spike recoveries out of control limits due to matrix spike being diluted out. Use LCS/LCSD to demonstrate analysis is under control.

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(Street, City, Zip)

Fax #:

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E-mail:

luis budia deryn@nec.com

Invoice to:

Choreya Energy

(If different from above)

Project #:

Project Name:

Project Location (including state):

Sampler Signature:

Pepe Luis Deryn to bed #1 loco. Luis Budia

LAB # LAB USE ONLY	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				METHOD						DATE	TIME
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE		
11400 #001	S.W. Corner 3'	1	4oz	X								X		11/20/01	11:30
01 #002	N.W. Corner 3'	1		X								X		11/20/01	2:00
02 #003	Center 3'	1		X								X		11/20/01	2:30
03 #004	N.E. Corner 3'	1		X								X		11/20/01	3:00
04 #005	S.E. Corner 3'	1		X								X		11/20/01	3:30
05 #006	Background	1		X								X		11/20/01	4:00

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

Luis Budia 11/16/2007

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

Received at Laboratory by:

11/16/2007 4:00

Date:

Time:

LAB USE ONLY

REMARKS:

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

PFE
11/16/07

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 7611603

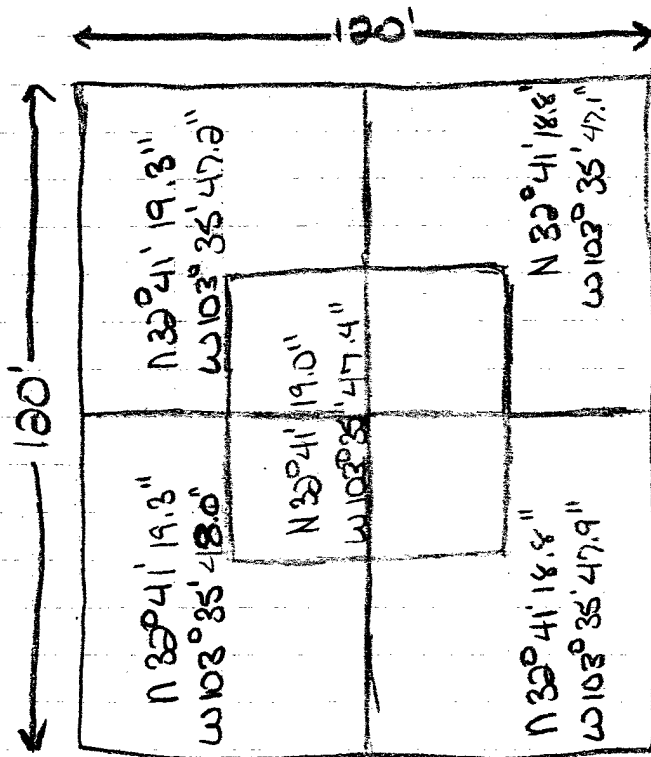
ANALYSIS REQUEST

(Circle or Specify Method No.)

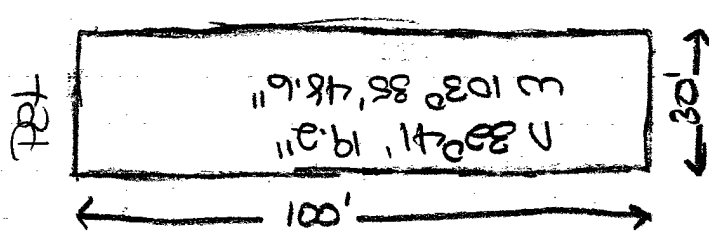
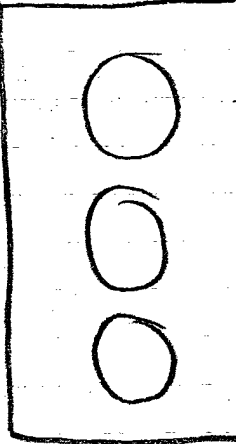
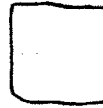
MTBE 8021B / 602 / 8260B / 624	
BTEX 8021B / 602 / 8260B / 624	
TPH 418.1 / TX1005 / TX1005 EKC(C35)	
TPH 8015 GRO / DRO / TVHC	
PAH 8270C / 826	
Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	
TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Volatiles	
TCLP Semi Volatiles	
TCLP Pesticides	
RCI	
GC/MS Vol. 8260B / 624	
GC/MS Semi. Vol. 8270C / 625	
PCB's 8082 / 608	
Pesticides 8081A / 608	
BOD, TSS, pH	
Moisture Content	
Turn Around Time if different from standard	
Hold	

Concrete Pipeline Deep 6 feet #1

← N -



N 32° 41' 17.9"
W 103° 35' 46.9"



Reser

Road.