



TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9
155 McCutcheon, Suite H

Lubbock, Texas 79424
El Paso, Texas 79932

800•378•1296
888•588•3443
E-Mail: lab@traceanalysis.com

806•794•1296
915•585•3443

FAX 806•794•1298
FAX 915•585•4944

Analytical and Quality Control Report

Dorsey Rogers
Cimarron
207 S Mesa
Carlsbad, NM, 88220

Report Date: November 16, 2006

Work Order: 6111609

Project Location: Lea Co, NM

Project Name: Pipe Line Deep 18 Fed #4

Project Number: Pipe Line Deep 18 Fed #4

#30025369970000

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
109058	#1 W Outside Leg	soil	2006-11-15	11:00	2006-11-16
109059	#2 South Outside Leg	soil	2006-11-15	11:30	2006-11-16
109060	#3 Outside East Leg	soil	2006-11-15	12:00	2006-11-16
109061	#4 Inside West Leg	soil	2006-11-15	12:30	2006-11-16
109062	#5 Inside East Leg	soil	2006-11-15	13:00	2006-11-16
109063	#6 Background	soil	2006-11-15	13:30	2006-11-16

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 Leftwich, Director

Standard Flags

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



Report Date: November 16, 2006
Pipe Line Deep 18 Fed #4

Work Order: 6111609
Pipe Line Deep 18 Fed #4

Page Number: 2 of 5
Lea Co.NM

Analytical Report

Sample: 109058 - #1 W Outside Leg

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	31966	Date Analyzed:	2006-11-16	Analyzed By:	SM
Prep Batch:	27836	Sample Preparation:	2006-11-16	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		42.6	mg/Kg	1	2.00

Sample: 109059 - #2 South Outside Leg

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	31966	Date Analyzed:	2006-11-16	Analyzed By:	SM
Prep Batch:	27836	Sample Preparation:	2006-11-16	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		130	mg/Kg	2	2.00

Sample: 109060 - #3 Outside East Leg

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	31966	Date Analyzed:	2006-11-16	Analyzed By:	SM
Prep Batch:	27836	Sample Preparation:	2006-11-16	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		44.3	mg/Kg	1	2.00

Sample: 109061 - #4 Inside West Leg

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	31966	Date Analyzed:	2006-11-16	Analyzed By:	SM
Prep Batch:	27836	Sample Preparation:	2006-11-16	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		255	mg/Kg	2	2.00

Sample: 109062 - #5 Inside East Leg

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	31966	Date Analyzed:	2006-11-16	Analyzed By:	SM
Prep Batch:	27836	Sample Preparation:	2006-11-16	Prepared By:	SM

Report Date: November 16, 2006
Pipe Line Deep 18 Fed #4

Work Order: 6111609
Pipe Line Deep 18 Fed #4

Page Number: 3 of 5
Lcs Co.NM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		226	mg/Kg	2	2.00

Sample: 109063 - #6 Background

Analysis: Chloride (Titration)	Analytical Method: SM 4500-Cl B	Prep Method: N/A
QC Batch: 31966	Date Analyzed: 2006-11-16	Analyzed By: SM
Prep Batch: 27836	Sample Preparation: 2006-11-16	Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		2.09	mg/Kg	1	2.00

Method Blank (1) QC Batch: 31966

QC Batch: 31966	Date Analyzed: 2006-11-16	Analyzed By: SM
Prep Batch: 27836	QC Preparation: 2006-11-16	Prepared By: SM

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

Laboratory Control Spike (LCS-1)

QC Batch: 31966	Date Analyzed: 2006-11-16	Analyzed By: SM
Prep Batch: 27836	QC Preparation: 2006-11-16	Prepared By: SM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	100	mg/Kg	1	100	<0.500	100	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	102	mg/Kg	1	100	<0.500	102	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: 109063

QC Batch: 31966	Date Analyzed: 2006-11-16	Analyzed By: SM
Prep Batch: 27836	QC Preparation: 2006-11-16	Prepared By: SM

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

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

Report Date: November 16, 2006
Pipe Line Deep 18 Fed #4

Work Order: 6111609
Pipe Line Deep 18 Fed #4

Page Number: 4 of 5
Lea Co.NM

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	96.5	mg/Kg	1	100	<0.500	96	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: 31966

Date Analyzed: 2006-11-16

Analyzed By: SM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2006-11-16

Standard (CCV-1)

QC Batch: 31966

Date Analyzed: 2006-11-16

Analyzed By: SM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.3	99	85 - 115	2006-11-16

Report Date: November 16, 2006
Pipe Line Deep 18 Fed #4Work Order: 6111609
Pipe Line Deep 18 Fed #4Page Number: 5 of 5
Lea Co.NM

ORIGINAL COPY

LAB Order ID # 4111409 Page 1 of 1

TraceAnalysis, Inc.

email: lab@tracanalysis.com

Company Name: New Mexico Environmental Services
Address: (Street, City, Zip)
P.O. Box 310 Hobbs NM 88241
Contact Person: CDS Bundy
Phone #: 505-441-0403
Fax #: 505-392-3085
E-mail: cdsybundy@aol.comProject Name: CDS Bundy
Project Location (including state): Pipe Line Deep 18 Fed #4 (Lea Co. NM)
Project Location (if different from above):
Project #:

Sampler Signature: CDS Bundy

LAB #	LAB USE ONLY	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD					DATE	TIME
					WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE		
109052		#1 w. outside top	1	4 oz	X									11/15	11:20 am
59052		#2 south outside top	1	✓	X										11:20 am
60052		#3 outside East top	1	✓	X										12:00
61052		#4 Inside west top	1	✓	X										12:30 pm
62052		#5 Inside East top	1	✓	X										1:00 pm
63052		#6 Background	1	✓	X										1:30 pm

Relinquished by: CDS Bundy Date: 11/16/2006 Time: 10:00 AM
 Relinquished by: CDS Bundy Date: 11/16/2006 Time: 10:00 AM
 Relinquished by: CDS Bundy Date: 11/16/2006 Time: 10:00 AM

Received by: CDS Bundy Date: 11/16/2006 Time: 10:00 AM
 Received by: CDS Bundy Date: 11/16/2006 Time: 10:00 AM
 Received by: CDS Bundy Date: 11/16/2006 Time: 10:00 AM

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

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B / 802 / 82608 / 824	
BTEX 8021B / 802 / 82608 / 824	
TPH 418.1 / TX1005 / TX1005 EX(C35)	
TPH 8015 GRC / DRG / TVHC	
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	
NCI	
GC/MS Vol. 82608 / 824	
GC/MS Semi Vol. 8270C / 825	
PCBs 8082 / 808	
Pesticides 8081A / 808	
BOD TSS PH	
Moisture Content	
Turn Around Time if different from standard	

REMARKS:

LAB USE ONLY

Initial: CDS N

Headspace: Y N

Temp: 10

Log In Review: VPS

Carry over: CDS N

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