Summary Report

Allen Hodge
Phoenix Environmental
2113 French Dr.
P.O. Box 1856
Hobbs, NM, 88240-41

Report Date: April 17, 2007

Work Order: 7041729

Project Location:
Project Name: Scooter 6 Fed Com #1 30-015-34519
Project Number:

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
121978	1-Center Quad @ 8'	soil	2007-04-16	13:30	2007-04-17
121979	2-NE Quad @ 8'	soil	2007-04-16	13:45	2007-04-17
121980	3-SE Quad @ 8'	soil	2007-04-16	14:05	2007-04-17
121981	4-NW Quad @ 8'	soil	2007-04-16	14:22	2007-04-17
121982	5-SW Quad @ 8'	soil	2007-04-16	14:30	2007-04-17
121983	6-Background @ 0-6	soil	2007-04-16	14:42	2007-04-17

Sample: 121978 - 1-Center Quad @ 8'

Param	Flag	Result	Units	RL
Chloride		**120**	mg/Kg	5.00

Sample: 121979 - 2-NE Quad @ 8'

Param	Flag	Result	Units	RL
Chloride		**186**	mg/Kg	5.00

Sample: 121980 - 3-SE Quad @ 8'

Param	Flag	Result	Units	RL
Chloride		**213**	mg/Kg	5.00

Sample: 121981 - 4-NW Quad @ 8'

Param	Flag	Result	Units	RL
Chloride		**213**	mg/Kg	5.00

Sample: 121982 - 5-SW Quad @ 8'

Param	Flag	Result	Units	RL
Chloride		**108**	mg/Kg	5.00

Sample: 121983 - 6-Background @ 0-6

Param	Flag	Result	Units	RL
Chloride		**19.8**	mg/Kg	5.00

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Allen Hodge
Phoenix Environmental
2113 French Dr.
P.O. Box 1856
Hobbs, NM, 88240-41

Report Date: April 17, 2007

Work Order: 7041729

Project Location:
Project Name:
Project Number: N/A

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
121978	1-Center Quad @ 8'	soil	2007-04-16	13:30	2007-04-17
121979	2-NE Quad @ 8'	soil	2007-04-16	13:45	2007-04-17
121980	3-SE Quad @ 8'	soil	2007-04-16	14:05	2007-04-17
121981	4-NW Quad @ 8'	soil	2007-04-16	14:22	2007-04-17
121982	5-SW Quad @ 8'	soil	2007-04-16	14:30	2007-04-17
121983	6-Background @ 0-6	soil	2007-04-16	14:42	2007-04-17

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 " were received by TraceAnalysis, Inc. on 2007-04-17 and assigned to work order 7041729. Samples for work order 7041729 were received intact at a temperature of 4.0 deg. 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 occuring, however, it may not pertain to the samples for work order 7041729 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 preformed with each preparation batch to ensure data integrity.

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

Analytical Report

Sample: 121978 - 1-Center Quad @ 8'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36542	Date Analyzed:	2007-04-17	Analyzed By:	SM
Prep Batch:	31697	Sample Preparation:	2007-04-17	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**120**	mg/Kg	20	5.00

Sample: 121979 - 2-NE Quad @ 8'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36542	Date Analyzed:	2007-04-17	Analyzed By:	SM
Prep Batch:	31697	Sample Preparation:	2007-04-17	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**186**	mg/Kg	20	5.00

Sample: 121980 - 3-SE Quad @ 8'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36542	Date Analyzed:	2007-04-17	Analyzed By:	SM
Prep Batch:	31697	Sample Preparation:	2007-04-17	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**213**	mg/Kg	20	5.00

Sample: 121981 - 4-NW Quad @ 8'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36542	Date Analyzed:	2007-04-17	Analyzed By:	SM
Prep Batch:	31697	Sample Preparation:	2007-04-17	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**213**	mg/Kg	20	5.00

Sample: 121982 - 5-SW Quad @ 8'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36542	Date Analyzed:	2007-04-17	Analyzed By:	SM
Prep Batch:	31697	Sample Preparation:	2007-04-17	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**108**	mg/Kg	10	5.00

Sample: 121983 - 6-Background @ 0-6

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36542	Date Analyzed:	2007-04-17	Analyzed By:	SM
Prep Batch:	31697	Sample Preparation:	2007-04-17	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**19.8**	mg/Kg	2	5.00

Method Blank (1) QC Batch: 36542

QC Batch:	36542	Date Analyzed:	2007-04-17	Analyzed By:	SM
Prep Batch:	31697	QC Preparation:	2007-04-17	Prepared By:	JS

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

Laboratory Control Spike (LCS-1)

QC Batch:	36542	Date Analyzed:	2007-04-17	Analyzed By:	SM
Prep Batch:	31697	QC Preparation:	2007-04-17	Prepared By:	JS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	100	mg/Kg	1	100	<3.25	100	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	100	mg/Kg	1	100	<3.25	100	90 - 110	0	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: 121983

QC Batch:	36542	Date Analyzed:	2007-04-17	Analyzed By:	SM
Prep Batch:	31697	QC Preparation:	2007-04-17	Prepared By:	JS

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]	212	mg/Kg	4	400	19.767	48	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	211	mg/Kg	4	400	19.767	48	84.6 - 117	0	20

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

Standard (ICV-1)

QC Batch: 36542 Date Analyzed: 2007-04-17 Analyzed By: SM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.8	100	85 - 115	2007-04-17

Standard (CCV-1)

QC Batch: 36542 Date Analyzed: 2007-04-17 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	2007-04-17

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

LAB Order ID # 7041729 Page _____ of _____

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9, Lubbock, Texas 79424, Tel (806) 794-1296, Fax (806) 794-1298, 1 (800) 378-1296
5002 Basin Street, Suite A1, Midland, Texas 79703, Tel (432) 689-6301, Fax (432) 689-6313
200 East Sunset Rd., Suite E, El Paso, Texas 79922, Tel (915) 585-3443, Fax (915) 585-4944, 1 (888) 588-3443
6015 Harris Pkwy., Suite 110, Ft. Worth, Texas 76132, Tel (817) 201-5260

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
E-mail: jthutchins@leaco.net
Invoice to: (If different from above) CIMAREX DORSEY ROGERS
Project #: SCOTER 6 FED COM 1
Project Name: 30-015-34519
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
121978	1 - CENTER QUAD @ 8'	1	4%		x							x		4/16/07	1:30p
979	2 - NE QUAD @ 8'	1			x							x			1:45p
980	3 - SE QUAD @ 8'	1			x							x			2:05p
981	4 - NW QUAD @ 8'	1			x							x			2:22p
982	5 - SW QUAD @ 8'	1			x							x			2:30p
983	6 - BACKGROUND @ 0-6"	1			x							x			2:42p

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	Cl Chlorides				Rush	Turn Around Time if different from standard	Hold
																	x						
																	x						
																	x						
																	x						
																	x						
																	x						

Relinquished by: Date: 4/17/07 Time: 1:47p
Received by: Date: Time:
Relinquished by: Date: Time:
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: Brenda Ward Date: 4/17/07 Time: 1:47

LAB USE ONLY
Intact (Y) / N
Headspace Y / N
Temp 4 °
Log-in-Review

REMARKS: PLEASE EMAIL COPY OF RESULTS TO MIKE BRATCHER NMOCD

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

Carrier # Courier

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

ORIGINAL COPY