Reid #1

Page Number: 1 of 1 Eddy County,NM

## **Summary Report**

Tony Tucker

Range Operating New Mexico Inc.

P.O. Box 300 Loving, NM, 88256

Report Date: March 13, 2007

Work Order: 7031203

Project Location: Eddy County,NM

Project Name:

Reid #1

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
118676	North Wall	soil	2007-03-09	13:00	2007-03-10
118677	East Wall	soil	2007-03-09	13:10	2007-03-10
118678	Floor Comp	soil	2007-03-09	13:25	2007-03-10

Sample: 118676 - North Wall

Param	Flag	Result	Units	RL
Chloride		423	mg/Kg	5.00

Sample: 118677 - East Wall

Param	Flag	Result	Units	RL
Chloride		145	mg/Kg	5.00

Sample: 118678 - Floor Comp

Param	Flag	Result	Units	RL
Chloride	·	226	mg/Kg	5.00



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5002 Basin Street, Suite AT Midland, Texas 79703 5015 Harris Parkway, Suite 119 Ft. Worth, Texas 76132

817 • 201 • 5260

E-Mail: lab@traceanalysis.com

## Analytical and Quality Control Report

Tony Tucker

Range Operating New Mexico Inc.

P.O. Box 300

Loving, NM, 88256

Report Date: March 13, 2007

Work Order:

7031203



Project Location: Eddy County,NM

Project Name:

Reid #1

Project Number:

Reid #1

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

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
118676	North Wall	soil	2007-03-09	13:00	2007-03-10
118677	East Wall	soil	2007-03-09	13:10	2007-03-10
118678	Floor Comp	soil	2007-03-09	13:25	2007-03-10

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 3 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

## Standard Flags

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

Report Date: March 13, 2007

Reid #1

Work Order: 7031203 Reid #1

Page Number: 2 of 3 Eddy County,NM

N/A

SM

SM

## **Analytical Report**

Sample: 118676 - North Wall

Analysis:

Chloride (Titration)

QC Batch: 35496 Prep Batch: 30788 Analytical Method: Date Analyzed:

SM 4500-Cl B 2007-03-12 Sample Preparation:

Prep Method: Analyzed By: 2007-03-12 Prepared By:

RL

Parameter Flag Dilution Result Units RLChloride 423 10 5.00 mg/Kg

Sample: 118677 - East Wall

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

35496 30788 Analytical Method: Date Analyzed:

Sample Preparation:

SM 4500-Cl B 2007-03-12 2007-03-12

Prep Method: N/A Analyzed By:

SMPrepared By: SM

RL

Parameter Units RLFlag Result Dilution Chloride 145 5.00 mg/Kg

Sample: 118678 - Floor Comp

35496

30788

Analysis: QC Batch:

Prep Batch:

Chloride (Titration)

Analytical Method: Date Analyzed: Sample Preparation:

SM 4500-Cl B 2007-03-12 2007-03-12

N/A Prep Method: Analyzed By:

SMPrepared By: SM

RL

Flag Parameter Result Units Dilution RLChloride 226 mg/Kg 4 5.00

Method Blank (1)

QC Batch: 35496

QC Batch: 35496 Prep Batch: 30788 Date Analyzed: QC Preparation: 2007-03-12

2007-03-12

Analyzed By: SM Prepared By:

MDL

**Parameter** RLFlag Result Units Chloride < 3.25 mg/Kg 5

Laboratory Control Spike (LCS-1)

QC Batch:

35496

Date Analyzed: Prep Batch: 30788 QC Preparation: 2007-03-12

2007-03-12

Analyzed By: SM Prepared By:

Report Date: March 13, 2007

Reid #1

Work Order: 7031203

Reid #1

Page Number: 3 of 3 Eddy County,NM

	LCS			Spike	Matrix		Rec.
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit
Chloride	102	mg/Kg	1	100	< 3.25	102	90 - 110

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

	LCSD			$\mathbf{Spike}$	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	$\mathbf{Limit}$
Chloride	101	mg/Kg	1	100	< 3.25	101	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: 118692

QC Batch:

35496

Date Analyzed:

2007-03-12

Analyzed By: SM

Prep Batch:

Param

QC Preparation:

2007-03-12

Prepared By: SM

30788

MS

Spike Matrix

Rec. Rec.

Result Units Dil. Amount Result Limit mg/Kg Chloride 1210 1000 1131.92 84.6 - 117

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

		MSD			Spike	Matrix		Rec.		RPD
Param		Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	2	1210	mg/Kg	10	1000	1131.92	8	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: 35496

Date Analyzed: 2007-03-12

Analyzed By: SM

			ICVs True	ICVs Found	ICVs Percent	Percent Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	102	102	85 - 115	2007-03-12

Standard (CCV-1)

QC Batch: 35496

Date Analyzed: 2007-03-12

Analyzed By: SM

			${ m CCVs} \ { m True}$	CCVs Found	CCVs Percent	Percent Recovery	Date
Param	Flag	$\mathbf{Units}$	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	97.7	98	85 - 115	2007-03-12

<sup>&</sup>lt;sup>1</sup>Matrix spike recoveries out of control limits due to matrix spike being diluted out. Use LCS/LCSD to demonstrate analysis is under control. <sup>2</sup>Matrix spike recoveries out of control limits due to matrix spike being diluted out. Use LCS/LCSD to demonstrate analysis is under control.

PIOH 6015 Harris Pkwy Suite 110 Ft. Worth, Texas 76132 Tel (817) 201-5260 Turn Around Time if different from standard B Circle or Specify Method No. 5:35 Dry Weight Basis Required TRRP Report Required **ANALYSIS REQUEST** Moisture Content 200 East Sunset Rd., Suite E El Paso, Texas 79922 Tel (1915) 585-3443 Fax (915) 585-4944 1 (888) 588-3443 BOD, TSS, pH Pesticides 8081A1 608 **BCB.**2 8082 \ e08 Vol. 8270C / 625 GC/MS Semi. REMARKS: CC/W2 AOF 8560B / 624 7, RCI TCLP Pesticides TCLP Semi Volatiles 2/15/20 TCLP Volatiles 5002 Basin Street, Suite A1 Midland, Texas 79703 Tel (432) 689-6301 Fax (432) 689-6313 Log-in-Review AXXX TCLP Metals Ag As Ba Cd Cr Pb Se Hg LAB USE Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 ONLY PAH 8270C / 625 TPH 8015 GRO / DRO / TVHC Headspace TPH 418.1 / TX1005 / TX1005 Ext(C35) Carrier # Intact \$021B / 602 / 8260B / 624 X318 80218 / 602 / 82608 / 624 **BETM** 6701 Aberdeen Avenue, Suite 9 Lubbock, Taxas 79424 Tet (806) 794-1296 Fax (806) 794-1298 1 (800) 378-1296 SAMPLING **TIME** 707 LAB Order ID # **3TA**0 Time: Time: Project Name: Dir PRESERVATIVE METHOD NONE Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C. 10/01 IÇE Sampler Signature: HORN Date: Date: Date: OSZH 100 <sup>£</sup>ONH Phone #: E-mail: HCI Fax #: Received at Laboratory by SUDDE MATRIX ЯIĄ TraceAnalysis, Inc. POIL **NATER** Received by Received by email: lab@traceanalysis.com InnomA \ emuloV # CONTAINERS Project Location (including state): FOLL Time: Time: FIELD CODE 2000 Date: (If different from above) Relinquished by: Company Name: Relinquished Relinguished LAB USE) Involce to: Project #: LAB# Contact

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6015 Harris Pkwy., Suite 110 Ft. Worth, Texas 76132 Tel (817) 201-5260 Turn Around Time if different from standard ŏ Circle or Specify Method No.) Dry Weight Basis Required Check If Special Reporting Limits Are Needed TRRP Report Required **ANALYSIS REQUEST** Moisture Content Page 10 East Sunset Rd., Suite E El Paso, Texas 79922 Tel (915) 585-3443 Fax (915) 585-4944 1 (888) 588-3443 на ,88Т ,008 Pesticides 8081A / 608 PCB's 8082 / 608 8270C / 625 .loV GC/MS Semi. CC/W2 API 85608 / 624 1, BCI 2001 TCLP Pesticides TCLP Semi Volatiles TCLP Volatiles 5002 Basin Street. Suite A1 Midland, Texas 79703 Tel (432) 689-6301 Fax (432) 689-6313 TCLP Metals Ag As Ba Cd Cr Pb Se Hg LAB USE Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 ONLY Log-in-Review TPH 8015 GRO / DRO / TVHC Headspace LAB Order 10 # 7631203 TPH 418.1 / TX1005 / TX1005 Ext(C35) Temp Intact 80218 / 602 / 82608 / 624 80218 | 602 | 82608 | 624 **38TM** 6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 Tel (806) 794-1296 Fax (806) 794-1298 1 (800) 378-1296 SAMPLING **HIME 3TA**Q Time: NONE PRESERVATIVE Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C. METHOD ICE Project Name: Sampler Signature: HOEN Date: **'**OS²H CONH Phone #: HCI 8875 Fax#: Received at Laboratory by SLUDGE MATRIX ЯΙĄ FraceAnalysis, Inc. 7 ROIF **A3TAW** Received by email: lab@traceanalysis.com Received by InuomA \ emuloV # CONTAINERS Project Location (including state): FOLL Time: Time: FIELD CODE ande Date: (If different from above) Relinquished by: Company Name: Relinquished Relinguished LAB USE) ONLY 18676 Project #: 1 Invoice to

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Carrier #

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