

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

Sample	Description	Matrix	Date Taken	Time Taken	Date 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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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.

Sample	Description	Matrix	Date Taken	Time Taken	Date 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

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

Analytical Report

Sample: 118676 - North Wall

Analysis: Chloride (Titration)
QC Batch: 35496
Prep Batch: 30788

Analytical Method: SM 4500-Cl B
Date Analyzed: 2007-03-12
Sample Preparation: 2007-03-12

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

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		423	mg/Kg	10	5.00

Sample: 118677 - East Wall

Analysis: Chloride (Titration)
QC Batch: 35496
Prep Batch: 30788

Analytical Method: SM 4500-Cl B
Date Analyzed: 2007-03-12
Sample Preparation: 2007-03-12

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

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		145	mg/Kg	10	5.00

Sample: 118678 - Floor Comp

Analysis: Chloride (Titration)
QC Batch: 35496
Prep Batch: 30788

Analytical Method: SM 4500-Cl B
Date Analyzed: 2007-03-12
Sample Preparation: 2007-03-12

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

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		226	mg/Kg	4	5.00

Method Blank (1) QC Batch: 35496

QC Batch: 35496
Prep Batch: 30788

Date Analyzed: 2007-03-12
QC Preparation: 2007-03-12

Analyzed By: SM
Prepared By: SM

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

Laboratory Control Spike (LCS-1)

QC Batch: 35496
Prep Batch: 30788

Date Analyzed: 2007-03-12
QC Preparation: 2007-03-12

Analyzed By: SM
Prepared By: SM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	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.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD 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
Prep Batch: 30788

Date Analyzed: 2007-03-12
QC Preparation: 2007-03-12

Analyzed By: SM
Prepared By: SM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	¹ 1210	mg/Kg	10	1000	1131.92	8	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 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

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date 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

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

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

²Matrix spike recoveries out of control limits due to matrix spike being diluted out. Use LCS/LCSD to demonstrate analysis is under control.

TraceAnalysis, Inc.

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Company Name: Range Operating Phone #: 505-745-3691

Address: (Street, City, Zip) P.O. Box 300, Loving, NM 88756 Fax #:

Contact Person: Tony Tucker E-mail: Tony Tucker

Invoice to: Tony Tucker

(If different from above)

Project #: Project Name: Reich #1

Project Location (including state): Eddy County Sampler Signature:

CONTAINERS

Volume / Amount

FIELD CODE

LAB # (LAB USE ONLY)

WATER

SOIL

AIR

SLUDGE

PRESERVATIVE METHOD

HCl

HNO₃H₂SO₄

NaOH

ICE

NONE

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ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B / 602 / 8260B / 624	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCBs 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	Turn Around Time if different from standard
TCLP 8021B / 602 / 8260B / 624	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	PAH 8015 GRO / DRO / TVHC	TPH 418.1 / TX1005 Ext(C35)	BTEX 8021B / 602 / 8260B / 624
PAH 8015 GRO / DRO / TVHC	TPH 418.1 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 80270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides
GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCBs 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	Turn Around Time if different from standard	Hold

LAB USE ONLY**REMARKS:**

Intact Y / N

Headspace Y / N

Temp 3

Log-in-Review

Carrier # walk 17

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

10/26/07 5:35 PM

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

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