

Summary Report

Tony Tucker
Range Operating New Mexico Inc.
P.O. Box 300
Loving, NM, 88256

Report Date: March 29, 2007

Work Order: 7032820



Teledyne 12 Fed Com #2
Project Name: Resample after more excavation
30-015-33928

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
120083	W. Wall Composite Resample	soil	2007-03-27	10:45	2007-03-28

Sample: 120083 - W. Wall Composite Resample

Param	Flag	Result	Units	RL
Chloride		306	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 29, 2007

Work Order: 7032820



Project Name: Resample after more excavation
 Project Number: Resample Teledyne 12 Fed Com #2

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
120083	W. Wall Composite Resample	soil	2007-03-27	10:45	2007-03-28

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

Blair Leftwich

 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 'Resample after more excavation' were received by TraceAnalysis, Inc. on 2007-03-28 and assigned to work order 7032820. Samples for work order 7032820 were received intact at a temperature of RT 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 occurring, however, it may not pertain to the samples for work order 7032820 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 performed with each preparation batch to ensure data integrity.

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

Analytical Report

Sample: 120083 - W. Wall Composite Resample

Analysis: Chloride (Titration)	Analytical Method: SM 4500-Cl B	Prep Method: N/A
QC Batch: 35995	Date Analyzed: 2007-03-28	Analyzed By: JS
Prep Batch: 31231	Sample Preparation: 2007-03-28	Prepared By: JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		306	mg/Kg	10	5.00

Method Blank (1) QC Batch: 35995

QC Batch: 35995	Date Analyzed: 2007-03-28	Analyzed By: JS
Prep Batch: 31231	QC Preparation: 2007-03-28	Prepared By: JS

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

Laboratory Control Spike (LCS-1)

QC Batch: 35995	Date Analyzed: 2007-03-28	Analyzed By: JS
Prep Batch: 31231	QC Preparation: 2007-03-28	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	99.6	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: 120083

QC Batch: 35995	Date Analyzed: 2007-03-28	Analyzed By: JS
Prep Batch: 31231	QC Preparation: 2007-03-28	Prepared By: JS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	¹ 558	mg/Kg	10	1000	306	25	84.6 - 117

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

¹Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	² 552	mg/Kg	10	1000	306	25	84.6 - 117	1	20

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

Standard (ICV-1)

QC Batch: 35995

Date Analyzed: 2007-03-28

Analyzed By: JS

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	2007-03-28

Standard (CCV-1)

QC Batch: 35995

Date Analyzed: 2007-03-28

Analyzed By: JS

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	2007-03-28

²Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

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Company Name: Range Operating NM, Inc. Phone #: 505-706-9109
 Address: (Street, City, Zip) POB 300, Lovington, NM Fax #:
 Contact Person: Tom Tucker E-mail: tucker@rangeresources.com
 Invoice to:
 (If different from above)
 Project #: Teledyne 12 Fed. #2 Project Name:
 Project Location (including state): Sampler Signature:

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B / 602 / 8260B / 624	GC/MS Vol. 8260B / 624	Turn Around Time if different from standard Hold
BTEX 8021B / 602 / 8260B / 624	GC/MS Semi. Vol. 8270C / 625	
TPH 418.1 / TX1005 / TX1005 Ext(C35)	PCB's 8082 / 608	
TPH 8015 GRO / DRO / TVHC	Pesticides 8081A / 608	
PAH 8270C / 625	BOD, TSS, pH	
Total Metals Ag As Ba Cd Cr Pb Se Hg 60108/200.7	Moisture Content	
TCLP Metals Ag As Ba Cd Cr Pb Se Hg		
TCLP Volatiles		
TCLP Semi Volatiles		
TCLP Pesticides		
FCI		

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD				SAMPLING		
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE
120083	N well Comp. Resample	1		X								X	3/27/07 10:25	

Email results to:
 tucker@rangeresources.com
 mhu. bratche@state.nm.us
 cmwink@mac.com

Relinquished by: Chris Dinkler Date: 3/27/07 Time: 14:50 Received by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____ Received at Laboratory by: Andrea Siple Date: 3/27/07 Time: 10:45

LAB USE ONLY
 Intact Y N
 Headspace Y N
 Temp 27
 Log-in-Review _____

REMARKS:
24 Hour
 Dry Weight Basis Required
 TRRP Report Required
 Check If Special Reporting Limits Are Needed