

Summary Report

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

Report Date: March 28, 2007

Work Order: 7032816



30-015-33928

Project Number: Teledyne 12 Fed Com #3

Pit Closure

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
120059	N Wall Comp Resample	soil	2007-03-27	08:00	2007-03-28
120060	N Floor Comp Resample	soil	2007-03-27	08:10	2007-03-28
120061	S Wall Comp Resample	soil	2007-03-27	08:25	2007-03-28
120062	S Floor Comp Resample	soil	2007-03-27	08:45	2007-03-28
120063	E Wall Comp Resample	soil	2007-03-27	09:00	2007-03-28
120064	E Floor Comp Resample	soil	2007-03-27	09:20	2007-03-28
120065	W Wall Comp Resample	soil	2007-03-27	09:45	2007-03-28
120066	W FLOOR Comp Resample	soil	2007-03-27	10:00	2007-03-28

Sample: 120059 - N Wall Comp Resample

Param	Flag	Result	Units	RL
Chloride		1470	mg/Kg	5.00

Sample: 120060 - N Floor Comp Resample

Param	Flag	Result	Units	RL
Chloride		1510	mg/Kg	5.00

Sample: 120061 - S Wall Comp Resample

Param	Flag	Result	Units	RL
Chloride		1340	mg/Kg	5.00

Sample: 120062 - S Floor Comp Resample

Param	Flag	Result	Units	RL
Chloride		1520	mg/Kg	5.00

Sample: 120063 - E Wall Comp Resample

Param	Flag	Result	Units	RL
Chloride		1730	mg/Kg	5.00

Sample: 120064 - E Floor Comp Resample

Param	Flag	Result	Units	RL
Chloride		1560	mg/Kg	5.00

Sample: 120065 - W Wall Comp Resample

Param	Flag	Result	Units	RL
Chloride		1420	mg/Kg	5.00

Sample: 120066 - W FLOOR Comp Resample

Param	Flag	Result	Units	RL
Chloride		1690	mg/Kg	5.00



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 806•378•1296 806•794•1296 FAX 806•794•1296
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•688•6301 FAX 432•688•6313
6015 Harris Parkway, Suite 110 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 28, 2007

Work Order: 7032816



Project Number: Teledyne 12 Fed Com #3

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
120059	N Wall Comp Resample	soil	2007-03-27	08:00	2007-03-28
120060	N Floor Comp Resample	soil	2007-03-27	08:10	2007-03-28
120061	S Wall Comp Resample	soil	2007-03-27	08:25	2007-03-28
120062	S Floor Comp Resample	soil	2007-03-27	08:45	2007-03-28
120063	E Wall Comp Resample	soil	2007-03-27	09:00	2007-03-28
120064	E Floor Comp Resample	soil	2007-03-27	09:20	2007-03-28
120065	W Wall Comp Resample	soil	2007-03-27	09:45	2007-03-28
120066	W FLOOR Comp Resample	soil	2007-03-27	10:00	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.

Dr. Blair Leftwich, Director

Standard Flags

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

Analytical Report

Sample: 120059 - N Wall Comp 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		1470	mg/Kg	20	5.00

Sample: 120060 - N Floor Comp 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		1510	mg/Kg	20	5.00

Sample: 120061 - S Wall Comp 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		1340	mg/Kg	20	5.00

Sample: 120062 - S Floor Comp 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		1520	mg/Kg	20	5.00

Sample: 120063 - E Wall Comp 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		1730	mg/Kg	20	5.00

Sample: 120064 - E Floor Comp 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		1560	mg/Kg	20	5.00

Sample: 120065 - W Wall Comp 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		1420	mg/Kg	20	5.00

Sample: 120066 - W FLOOR Comp 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		1690	mg/Kg	20	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
Prep Batch: 31231

Date Analyzed: 2007-03-28
QC Preparation: 2007-03-28

Analyzed By: JS
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.

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

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

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

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: <i>Kang Operating New Mexico, Inc.</i>		Phone #: <i>505-706-9109</i>
Address: (Street, City, Zip) <i>POB 300, Loving, NM</i>		Fax #:
Contact Person: <i>Tony Tucker</i>		E-mail: <i>ttucker@kangoperating.com</i>
Invoice to: (If different from above)		
Project #: <i>Teledyne 12 Nos. 3 (Examples) and 1 (Vanga)</i>	Project Name: <i>DM</i>	
Project Location (including state):		Sampler Signature:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING		MTBE 8021B / 6021B BTX 8021B / 6021B TPH 418.1 / TX1005 TPH 8015 GRO / DR PAH 8270C / 625 Total Metals Ag As Ba Cd TCPL Metals Ag As E TCPL Volatiles TCPL Semi Volatiles TCPL Pesticides RCI GC/MS Vol. 8260B / GC/MS Semi. Vol. 8210 PCBs s 8082 / 608 Pesticides 8081A / 608 BOD, TSS, pH Moisture Content	Turn Around Time if d
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME		
120059	Tetalyne 12 Fed. Com. #3	1			X						X	3/27/08	0800	Sail Cl ₂ on all samples	X		
060	N floor	1			X						X		0810				
061	S wall	1			X						X		0825	Email results to:			
062	S floor	1			X						X		0845				
063	E wall	1			X						X		0900	K Tucker @ bangor.wa.gov.com			
064	E floor	1			X						X		0920	@mwinkamail.com			
065	N wall	1			X						X		0945	mike.bratcher@state.nm.us			
066	N floor	1			X						X		1000				
120060	Tetalyne 12 Fed. Com. #2	1			X						X		1045				
120061	N floor composite resample	1			X						X						

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
<i>Cheryl Chandler</i>	<i>3/27/07</i>	<i>1300</i>			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			<i>Robert D. [illegible]</i>	<i>3/28/07</i>	

LAB USE ONLY Intact <u>Y / N</u> Headspace <u>Y / N</u> Temp <u>RT</u> Log-in-Review <u>[Signature]</u>	REMARKS: <u>24 hr.</u>
	☐ Dry Weight Basis Required
	☐ TRRP Report Required
	☐ Check If Special Reporting Limits Are Needed
	Carrier # <u>7051555-123</u>

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

ORIGINAL COPY