Work Order: 7031511

Page Number: 1 of 2

Summary Report

Tony Tucker

Range Operating New Mexico Inc.

P.O. Box 300

Loving, NM, 88256

30-015-33930

Report Date: March 16, 2007

Work Order: 7031511

Project Number: Teledyne 12 Fed Com #1

			Date	\mathbf{Time}	Date
Sample	Description	Matrix	Taken	Taken	Received
118878	N Floor Comp	soil	2007-03-14	14:00	2007-03-15
118879	N Wall Comp	soil	2007 - 03 - 14	14:10	2007-03-15
118880	S Floor Comp	soil	2007-03-14	14:20	2007-03-15
118881	S Wall Comp	soil	2007-03-14	14:30	2007-03-15
118882	E Floor Comp	soil	2007-03-14	15:00	2007-03-15
118883	E Wall Comp	soil	2007-03-14	15:10	2007-03-15
118884	W Floor Comp	soil	2007-03-14	15:20	2007-03-15
118885	W Wall Comp	soil	2007-03-14	15:30	2007-03-15

Sample: 118878 - N Floor Comp

Param	Flag	Result	Units	RL
Chloride		3840	mg/Kg	5.00

Sample: 118879 - N Wall Comp

Param	Flag	Result	Units	RL
Chloride		4080	mg/Kg	5.00

Sample: 118880 - S Floor Comp

Param	Flag	Result	${f Units}$	RL
Chloride		4620	mg/Kg	5.00

Sample: 118881 - S Wall Comp

Param	Flag	Result	Units	RL
Chloride		3960	mg/Kg	5.00

Report Date: March Teledyne 12 Fed Co	t Date: March 16, 2007 Work Order: 7031511 yne 12 Fed Com #1			Page Number: 2 of 2		
Sample: 118882 -	E Floor Comp					
Param	Flag	Result	Units	RL		
Chloride		4000	mg/Kg	5.00		
Sample: 118883 -	E Wall Comp					
Param	Flag	Result	Units	RL		
Chloride		7730	mg/Kg	5.00		
Sample: 118884 -	W Floor Comp					
Param	Flag	Result	Units	RL		
Chloride		11700	mg/Kg	5.00		
Sample: 118885 -	W Wall Comp					
Param	Flag	Result	Units	RL		
Chloride		7130	${ m mg/Kg}$	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 16, 2007

Work Order: 7031511

Project Number: Teledyne 12 Fed Com #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
118878	N Floor Comp	soil	2007-03-14	14:00	2007-03-15
118879	N Wall Comp	soil	2007-03-14	14:10	2007-03-15
118880	S Floor Comp	soil	2007-03-14	14:20	2007-03-15
118881	S Wall Comp	soil	2007-03-14	14:30	2007-03-15
118882	E Floor Comp	soil	2007-03-14	15:00	2007-03-15
118883	E Wall Comp	soil	2007-03-14	15:10	2007-03-15
118884	W Floor Comp	soil	2007-03-14	15:20	2007-03-15
118885	W Wall Comp	soil	2007-03-14	15:30	2007-03-15

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 6 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 16, 2007 Teledyne 12 Fed Com #1

Analytical Report

Work Order: 7031511

Sample: 118878 - N Floor Comp

Analysis: Chloride (Titration)

QC Batch: 35621 Prep Batch: 30883 Analytical Method: SM 4500-Cl B

Date Analyzed: 2007-03-15 Sample Preparation: 2007-03-15 Prep Method: N/A Analyzed By: $_{\rm JS}$ Prepared By: SM

Page Number: 2 of 6

RL

Parameter Result Units Dilution RLFlag Chloride 3840 200 5.00 mg/Kg

Sample: 118879 - N Wall Comp

Analysis: Chloride (Titration)

QC Batch: 35621 Prep Batch: 30883 Analytical Method: Date Analyzed:

SM 4500-Cl B 2007-03-15 Sample Preparation: 2007-03-15

Prep Method: N/A Analyzed By: JS

SM

Prepared By:

RL

Parameter Dilution RLFlag Result Units Chloride 4080 200 mg/Kg 5.00

Sample: 118880 - S Floor Comp

Analysis: Chloride (Titration) QC Batch: 35621

Prep Batch: 30883

Analytical Method: Date Analyzed:

Sample Preparation:

SM 4500-Cl B 2007-03-15 2007 - 03 - 15

Units

mg/Kg

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

RLParameter Flag Result Chloride 4620

Dilution

200

200

RL5.00

Sample: 118881 - S Wall Comp

Analysis: QC Batch:

Chloride (Titration)

35621 30883 Prep Batch:

Analytical Method: Date Analyzed:

SM 4500-Cl B 2007-03-15 2007-03-15

Units

mg/Kg

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

Parameter Flag Result

Sample Preparation: RL

Dilution RL

5.00

Sample: 118882 - E Floor Comp

30883

Analysis: QC Batch: Prep Batch:

Chloride

Chloride (Titration) 35621

Analytical Method: Date Analyzed: Sample Preparation:

3960

SM 4500-Cl B 2007-03-15 2007 - 03 - 15

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

Report Date: March 16, 2007 Teledyne 12 Fed Com #1 Work Order: 7031511

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Parameter	Flag	RL Result	Units	Dilution	RL
Chloride	1 ιας	4000	mg/Kg	200	5.00
			- 07 0		
Sample: 11	8883 - E Wall Comp				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35621	Date Analyzed:	2007-03-15	Analyzed By:	JS
Prep Batch:	30883	Sample Preparation:	2007-03-15	Prepared By:	SM
_		RL			
Parameter	Flag	Result	Units	Dilution	RL
Chloride		7730	mg/Kg	200	5.00
Sample: 11	8884 - W Floor Comp				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35620	Date Analyzed:	2007-03-15	Analyzed By:	JS
Prep Batch:	30882	Sample Preparation:	2007-03-15	Prepared By:	SM
		RL			
Parameter	Flag	Result	Units	Dilution	RL
Chloride		11700	mg/Kg	200	5.00
Sample: 11 Analysis: QC Batch: Prep Batch:	8885 - W Wall Comp Chloride (Titration) 35620 30882	Analytical Method: Date Analyzed: Sample Preparation:	SM 4500-Cl B 2007-03-15 2007-03-15	Prep Method: Analyzed By: Prepared By:	N/A JS SM
		RL			
Parameter	Flag	Result	Units	Dilution	RL
Chloride		7130	mg/Kg	200	5.00
Method Bl	ank (1) QC Batch: 35620				
QC Batch: Prep Batch:	35620 30882	Date Analyzed: 2007 QC Preparation: 2007	7-03-15 7-03-15	Analyzed By Prepared By	
-					
Parameter	Flag	$egin{array}{c} \mathrm{MDL} \\ \mathrm{Result} \end{array}$		Units	RL
Chloride	1165	< 3.25		mg/Kg	5
Method Bl	ank (1) QC Batch: 35621				
QC Batch:	35621	Date Analyzed: 2007	'-03-1 5	Analyzed By	: JS
Prep Batch:	30883	· ·	'-03-15	Prepared By	

Report Date: March 16, 2007

Work Order: 7031511

Page Number: 4 of 6 Teledyne 12 Fed Com #1

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

Laboratory Control Spike (LCS-1)

QC Batch: 35620 Prep Batch: 30882 Date Analyzed: 2007-03-15 QC Preparation: 2007-03-15

Analyzed By: JS Prepared By:

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

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

	LCSD			Spike	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	\mathbf{Limit}	RPD	Limit
Chloride	98.3	mg/Kg	1	100	< 3.25	98	90 - 110	2	20

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

Laboratory Control Spike (LCS-1)

QC Batch: 35621 Prep Batch: 30883

Date Analyzed:

2007-03-15 QC Preparation: 2007-03-15 Analyzed By: JS Prepared By: JS

LCS Spike Matrix Rec. Dil. Param Result Units Amount Result Limit Rec. Chloride 99.0 100 < 3.25 99 90 - 110 mg/Kg 1

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

	LCSD			$_{ m Spike}$	Matrix		$\mathrm{Rec}.$		RPD
Param	Result	\mathbf{Units}	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	98.4	mg/Kg	1	100	< 3.25	98	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: 118884

QC Batch: 35620 Prep Batch: 30882 Date Analyzed: QC Preparation: 2007-03-15

2007-03-15

Analyzed By: JS Prepared By: JS

		MS			\mathbf{Spike}	Matrix		${ m Rec.}$
Param		Result	\mathbf{Units}	Dil.	Amount	Result	Rec.	Limit
Chloride	1	7940	$_{ m mg/Kg}$	200	20000	11723	-17	84.6 - 117

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result. $continued \dots$

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

Work Order: 7031511

Param		Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Param		MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	${ m Rec.} \ { m Limit}$	RPD	RPD Limit
Chloride	2	7910	mg/Kg	200	20000	11723	-19	84.6 - 117	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: 118897

QC Batch: 35621 Prep Batch: 30883 Date Analyzed: 2007-03-15 QC Preparation: 2007-03-15 Analyzed By: JS Prepared By: JS

Page Number: 5 of 6

		MS			Spike	Matrix		Rec.
Param		Result	\mathbf{Units}	Dil.	Amount	Result	Rec.	Limit
Chloride	3	210	mg/Kg	4	400	<13.0	52	84.6 - 117

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

	MSD			$_{ m Spike}$	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride 4	203	mg/Kg	4	400	<13.0	51	84.6 - 117	3	20

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

Standard (ICV-1)

QC Batch: 35620

Date Analyzed: 2007-03-15

Analyzed By: JS

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride	1 1006	177	100	99.7	100	85 - 115	2007-03-15
Cinoriae		mg/Kg	100	99.7	100	89 - 119	ZUU/-U3-10

Standard (CCV-1)

QC Batch: 35620

Date Analyzed: 2007-03-15

Analyzed By: JS

			$rac{ ext{CCVs}}{ ext{True}}$	$\begin{array}{c} { m CCVs} \\ { m Found} \end{array}$	$\begin{array}{c} \text{CCVs} \\ \text{Percent} \end{array}$	Percent Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-03-15

Standard (ICV-1)

QC Batch: 35621

Date Analyzed: 2007-03-15

Analyzed By: JS

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

³Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

⁴Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

Report Date: March 16, 2007 Teledyne 12 Fed Com #1 Work Order: 7031511

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			$rac{ ext{ICVs}}{ ext{True}}$	${ m ICVs} \ { m Found}$	$egin{array}{l} ext{ICVs} \ ext{Percent} \end{array}$	Percent Recovery	Date
Param	Flag	${f Units}$	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride	·····	mg/Kg	100	100	100	85 - 115	2007-03-15

Standard (CCV-1)

QC Batch: 35621

Date Analyzed: 2007-03-15

Analyzed By: JS

			CCVs	CCVs	CCVs	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-03-15

6701 Aberdeen Avenue, Ste. 9 Lubbock, Texas 79424 155 McCutcheon, Suite H El Paso, Texas 79932 CHAIN-OF-CUSTODY AND ANALYSIS REQUEST Tel (806) 794-1296 Fax (806) 794-1298 1 (800) 378-1296 email: lab@traceanalysis.com TraceAnalysis, Inc. Tel (915) 585-3443 Fax (915) 585-4944 1 (888) 588-3443 LAB Order ID# 703 151/ **ANALYSIS REQUEST** (Circle or Specify Method No.) Se Hg 6010B/200.7 Cr Pb Se Hg Turn Around Time if different from standard TPH 418.1 / TX1005 / TX1005 Ext(C35) (If different from above) Project Name: Teledyne 12 Feet Com. # 1
Project Location (including state): 8260B / 624 PRESERVATIVE MATRIX SAMPLING PAH 8270C / 625 **METHOD** GC/MS Vol. 8 GC/MS Semi FIELD CODE SLUDGE LAB# WATER HNO. H₂SO₄ NaOH NONE LAB USE SOIL 빙 ONLY 420 1430 1500 1510 1520 1530 Religquished by: Received by: Date: REMARKS: Time: Time: LAB USE ONLY 720 Relimuished by: Received by: Date: Time: Dry Weight Basis Required Headspace TRRP Report Required Relinquished by: Date: Time: Received at Laboratory by: Time: Check If Special Reporting Log-in-Review Limits Are Needed Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. Carrier #