Report Date: April 4, 2007 Teledyne 12 Fed Com #3

Work Order: 7040418

Page Number: 1 of 1

Summary Report

Tony Tucker

Range Operating New Mexico Inc.

P.O. Box 300 Loving, NM, 88256 Report Date: April 4, 2007

Work Order: 7040418

Project Number: Teledyne 12 Fed Com #3
30-015-33927

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
$\overline{120738}$	S Wall & Floor Comp	soil	2007-04-03	07:00	2007-04-04
120739	N Wall & Floor	soil	2007-04-03	07:20	2007-04-04
120740	E Wall & Floor	soil	2007-04-03	07:30	2007-04-04
120741	N Wall & Floor	soil	2007-04-03	07:40	2007-04-04

Sample: 120738 - S Wall & Floor Comp

Param	Flag	Result	${f Units}$	RL
Chloride		224	mg/Kg	5.00

Sample: 120739 - N Wall & Floor

Param	${f Flag}$	Result	Units	RL_
Chloride		199	m mg/Kg	5.00

Sample: 120740 - E Wall & Floor

Param	Flag	Result	Units	RL
Chloride		171	${ m mg/Kg}$	5.00

Sample: 120741 - N Wall & Floor

Param	$_{-}$ Flag	Result	Units	RL
Chloride		129	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: April 4, 2007

Work Order: 7040418

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.

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
$\overline{120738}$	S Wall & Floor Comp	soil	2007-04-03	07:00	2007-04-04
120739	N Wall & Floor	soil	2007-04-03	07:20	2007-04-04
120740	E Wall & Floor	soil	2007-04-03	07:30	2007-04-04
120741	N Wall & Floor	soil	2007-04-03	07:40	2007-04-04

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 5 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.

Case Narrative

Samples for project were received by TraceAnalysis, Inc. on 2007-04-04 and assigned to work order 7040418. Samples for work order 7040418 were received intact at a temperature of 22 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 occuring, however, it may not pertain to the samples for work order 7040418 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 preformed 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.

Report Date: April 4, 2007 Teledyne 12 Fed Com #3

Work Order: 7040418

Analytical Report

Sample: 120738 - S Wall & Floor Comp

Analysis: Chloride (Titration)

QC Batch: 36168 Prep Batch: 31385 Analytical Method: SM 4500-Cl B Date Analyzed: 2007-04-04

Sample Preparation: 2007-04-04 Prep Method: N/A Analyzed By: SMPrepared By: SM

Page Number: 3 of 5

RL

Parameter Units Dilution RLFlag Result Chloride 224 5.00 mg/Kg 10

Sample: 120739 - N Wall & Floor

Analysis: QC Batch:

Chloride (Titration)

36168 Prep Batch: 31385

SM 4500-Cl B Analytical Method: 2007-04-04 Date Analyzed: Sample Preparation:

Prep Method: N/A Analyzed By: SM2007-04-04 Prepared By: SM

RL

Parameter Flag Result Units Dilution RLChloride 199 mg/Kg 10 5.00

Sample: 120740 - E Wall & Floor

31385

Analysis: QC Batch:

Prep Batch:

Chloride (Titration) 36168

Analytical Method: Date Analyzed: Sample Preparation:

SM 4500-Cl B 2007-04-04 2007-04-04

Prep Method: N/AAnalyzed By: SM

RLResult

Prepared By: SM

Flag Parameter Units Dilution RLChloride 171 mg/Kg 10 5.00

Sample: 120741 - N Wall & Floor

Analysis:

Chloride (Titration)

QC Batch: 36168 Prep Batch: 31385 Analytical Method: Date Analyzed: Sample Preparation:

SM 4500-Cl B 2007-04-04 2007-04-04

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

RLParameter Flag Result Chloride

Units Dilution RL129 mg/Kg 10 5.00

Method Blank (1)

QC Batch: 36168

QC Batch: 36168 Prep Batch: 31385 Date Analyzed: 2007-04-04 QC Preparation: 2007-04-04 Analyzed By: SM Prepared By: SM

Report Date: April 4, 2007 Teledyne 12 Fed Com #3

Work Order: 7040418

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		MDL		
Parameter	Flag	\mathbf{Result}	${f Units}$	RL
Chloride		< 3.25	mg/Kg	5

Laboratory Control Spike (LCS-1)

QC Batch: 36168 Prep Batch: 31385 Date Analyzed: 2007-04-04 QC Preparation: 2007-04-04 Analyzed By: SM Prepared By: SM

	LCS			\mathbf{Spike}	Matrix		Rec.
Param	\mathbf{Result}	Units	Dil.	Amount	Result	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.

	LCSD			$_{ m Spike}$	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	${f Limit}$	RPD	$_{ m Limit}$
Chloride	100	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: 120741

QC Batch: 36168 Prep Batch: 31385 Date Analyzed: 2007-04-04 QC Preparation: 2007-04-04 Analyzed By: SM Prepared By: SM

		MS			Spike	Matrix		Rec.
Param		Result	Units	Dil.	Amount	Result	Rec.	${f Limit}$
Chloride	1	340	mg/Kg	10	1000	128.902	21	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	2	350	mg/Kg	10	1000	128.902	22	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: 36168

Date Analyzed: 2007-04-04

Analyzed By: SM

			$rac{ ext{ICVs}}{ ext{True}}$	${ m ICVs} \ { m Found}$	${ m ICVs} \ { m Percent}$	Percent Recovery	Date
Param	Flag	\mathbf{Units}	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	99.5	99	85 - 115	2007-04-04

Standard (CCV-1)

QC Batch: 36168

Date Analyzed: 2007-04-04

Analyzed By: SM

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.

Report Date: April 4, 2007 Teledyne 12 Fed Com #3 Work Order: 7040418

Page Number: 5 of 5

CCVs CCVs CCVsPercent True Found Percent Recovery Date Units mg/Kg Recovery 100 Param Flag Conc. Conc. Limits Analyzed $\overline{\text{Chloride}}$ 100 85 - 115 2007-04-04 100

LAB Order ID #

7640418

Page_____ of _____

TraceAnalysis, Inc.

email: lab@traceanalysis.com

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