

Summary Report

Kem McCready
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Report Date: March 23, 2007

Work Order: 7032314



30-015-34572

Project Number: Hermes Fee No. 1

4-30-23-28

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
119612	N Wall & Floor Comp Solidifraction Pit	soil	2007-03-22	09:00	2007-03-23
119613	S Wall & Floor Comp Solidifraction Pit	soil	2007-03-22	09:20	2007-03-23
119614	W Wall & Floor Comp Solidifraction Pit	soil	2007-03-22	09:30	2007-03-23
119615	E Wall & Floor Comp Solidifraction Pit	soil	2007-03-22	09:45	2007-03-23

Sample: 119612 - N Wall & Floor Comp Solidifraction Pit

Param	Flag	Result	Units	RL
Chloride		1150	mg/Kg	5.00

Sample: 119613 - S Wall & Floor Comp Solidifraction Pit

Param	Flag	Result	Units	RL
Chloride		948	mg/Kg	5.00

Sample: 119614 - W Wall & Floor Comp Solidifraction Pit

Param	Flag	Result	Units	RL
Chloride		1000	mg/Kg	5.00

Sample: 119615 - E Wall & Floor Comp Solidifraction Pit

Param	Flag	Result	Units	RL
Chloride		743	mg/Kg	5.00



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Analytical and Quality Control Report

Kem McCready
Nadel & Gussman Permian LLC
601 N. Marienfeld
Suite 508
Midland, TX, 79701

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Project Number: Hermes Fee No. 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
119612	N Wall & Floor Comp Solidifraction Pit	soil	2007-03-22	09:00	2007-03-23
119613	S Wall & Floor Comp Solidifraction Pit	soil	2007-03-22	09:20	2007-03-23
119614	W Wall & Floor Comp Solidifraction Pit	soil	2007-03-22	09:30	2007-03-23
119615	E Wall & Floor Comp Solidifraction Pit	soil	2007-03-22	09:45	2007-03-23

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: 119612 - N Wall & Floor Comp Solidifraction Pit

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35823	Date Analyzed:	2007-03-23	Analyzed By:	SM
Prep Batch:	31078	Sample Preparation:	2007-03-23	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		1150	mg/Kg	100	5.00

Sample: 119613 - S Wall & Floor Comp Solidifraction Pit

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35823	Date Analyzed:	2007-03-23	Analyzed By:	SM
Prep Batch:	31078	Sample Preparation:	2007-03-23	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		948	mg/Kg	100	5.00

Sample: 119614 - W Wall & Floor Comp Solidifraction Pit

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35823	Date Analyzed:	2007-03-23	Analyzed By:	SM
Prep Batch:	31078	Sample Preparation:	2007-03-23	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		1000	mg/Kg	100	5.00

Sample: 119615 - E Wall & Floor Comp Solidifraction Pit

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	35823	Date Analyzed:	2007-03-23	Analyzed By:	SM
Prep Batch:	31078	Sample Preparation:	2007-03-23	Prepared By:	SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		743	mg/Kg	100	5.00

Method Blank (1) QC Batch: 35823

QC Batch:	35823	Date Analyzed:	2007-03-23	Analyzed By:	SM
Prep Batch:	31078	QC Preparation:	2007-03-23	Prepared By:	SM

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

Laboratory Control Spike (LCS-1)

QC Batch: 35823
Prep Batch: 31078

Date Analyzed: 2007-03-23
QC Preparation: 2007-03-23

Analyzed By: SM
Prepared By: SM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	91.6	mg/Kg	1	100	<3.25	92	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	90.3	mg/Kg	1	100	<3.25	90	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:

QC Batch: 35823
Prep Batch: 31078

Date Analyzed: 2007-03-23
QC Preparation: 2007-03-23

Analyzed By: SM
Prepared By: SM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	¹ 578	mg/Kg	10	1000	363.569	21	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	² 578	mg/Kg	10	1000	363.569	21	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: 35823

Date Analyzed: 2007-03-23

Analyzed By: SM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.6	100	85 - 115	2007-03-23

Standard (CCV-1)

QC Batch: 35823

Date Analyzed: 2007-03-23

Analyzed By: SM

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

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

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	2007-03-23

6015 Harris Pkwy., Suite 110
Ft. Worth, Texas 76132
Tel (817) 201-5260

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING		MTBE 8021B / 6020B BTX 8021B / 6020B TPH 418.1 / TX1005 TPH 8015 GRO / DR PAH 8270C / 625 Total Metals Ag As Ba C TCLP Metals Ag As Cd TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCI GC/MS Vol. 8260B / GC/MS Semi. Vol. 8260B PCBs 8082 / 608 Pesticides 8081A / 608 BOD, TSS, pH Moisture Content	Turn Around Time if Held
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME		
119612	N Wall: Floor comp. solidification pit	1			X						X	3/22/03	0900			Soil C ₁₂ on all samples	X
613	S Wall: Floor comp. solidification pit	1			X						X		0920			Email results to:	
614	W Wall: Floor comp. solidification pit	1			X						X		0930			kenneth.naguila.com mike.bratcher@state.nm.us canwink@mac.com	
615	E Wall: Floor comp. solidification pit	1			X						X		0945				

<p>LAB USE ONLY</p> <p>Intact <u>Y</u> N</p> <p>Headspace <u>Y</u> / N</p> <p>Temp <u>RT</u></p> <p>Log-in-Review <u>gr</u></p>	<p>REMARKS:</p> <p><u>24 Hr.</u></p> <p><input type="checkbox"/> Dry Weight Basis Required</p> <p><input type="checkbox"/> TRRP Report Required</p> <p><input type="checkbox"/> Check If Special Reporting Limits Are Needed</p>
<p>Carrier # <u>BUSCLT 3681502290</u></p>	

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

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