Report Date: March 23, 2007

Hermes Fee No. 1

Work Order: 7032314

Summary Report

Kem McCready Nadel & Gussman Permian LLC 601 N. Marienfeld

Suite 508

Midland, TX, 79701

Report Date: March 23, 2007

Work Order: 7032314

Page Number: 1 of 1

Project Number: Hermes Fee No. 1

4-30-23-28

(Date	Time	Date
\mathbf{Sample}	Description	Matrix	Taken	Taken	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

30-015-34572

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	${f Units}$	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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E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

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

Report Date: March 23, 2007

Work Order: 7032314

Project Number: Hermes Fee No. 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
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	$_{ m soil}$	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.

Report Date: March 23, 2007 Work Order: 7032314 Page Number: 2 of 4

Hermes Fee No. 1

Analytical Report

Sample: 119612 - N Wall & Floor Comp Solidifraction Pit

Analysis: Chloride (Titration) Analytical Method:

QC Batch: 35823 Prep Batch: 31078 Date Analyzed: 2007-03-23 Sample Preparation: 2007-03-23

Prep Method: N/A SM 4500-Cl B SMAnalyzed By: SMPrepared By:

RL

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

Sample: 119613 - S Wall & Floor Comp Solidifraction Pit

QC Batch:

Chloride (Titration)

Analytical Method:

SM 4500-Cl B

Prep Method: N/A

Prep Batch: 31078

35823

Date Analyzed: Sample Preparation:

2007-03-23 2007-03-23 Analyzed By: SMPrepared By: SM

RL

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

Sample: 119614 - W Wall & Floor Comp Solidifraction Pit

Analysis: QC Batch:

Chloride (Titration) 35823

Analytical Method: Date Analyzed:

SM 4500-Cl B 2007-03-23

Prep Method: N/A Analyzed By: SM

Prep Batch: 31078

Sample Preparation: 2007-03-23

Prepared By: SM

RL

5.00

		RL		
Parameter	Flag	Result	${ m Units}$	Dilution
Chloride		1000	mg/Kg	100

Result

743

Sample: 119615 - E Wall & Floor Comp Solidifraction Pit

Analysis: QC Batch:

Prep Batch:

Chloride

Chloride (Titration) 35823

31078

Analytical Method: Date Analyzed:

SM 4500-Cl B 2007-03-23

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

Parameter Flag Sample Preparation: RL

2007-03-23

Units

mg/Kg

Dilution RL100 5.00

Method Blank (1)

QC Batch: 35823

QC Batch: 35823 Prep Batch: 31078

Date Analyzed: QC Preparation: 2007-03-23

2007-03-23

Analyzed By: SMPrepared By: SM Report Date: March 23, 2007

Hermes Fee No. 1

Work Order: 7032314

		MDL		
Parameter	Flag	Result	${f Units}$	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

Page Number: 3 of 4

Prepared By: SM

	LCS			Spike	Matrix		Rec.
Param	Result	${f Units}$	Dil.	Amount	Result	Rec.	${f Limit}$
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.

	LCSD			\mathbf{Spike}	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	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

		MS			Spike	Matrix		Rec.
Param		Result	${ m Units}$	Dil.	Amount	Result	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.

		MSD			\mathbf{Spike}	Matrix		Rec.		RPD
Param		Result	\mathbf{Units}	Dil.	Amount	Result	Rec.	Limit	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

Daram	Flor	Ilmita	ICVs True	ICVs Found	ICVs Percent	Percent Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	${f Limits}$	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

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.

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 $\begin{array}{c} {\rm CCVs} \\ {\rm True} \end{array}$ CCVsCCVsPercent Recovery Percent Date Found Limits 85 - 115 Analyzed 2007-03-23 Flag Conc. Units Conc. Recovery Param Chloride mg/Kg 100 100 100

LAB Order ID#

7032314

Page_____ of _____

TraceAnalysis, Inc.

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