Report Date: May 7, 2007 Work Order: 7050726

Hannibal Fee No. 1



Summary Report

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

30-015-34600

Report Date: May 7, 2007

Page Number: 1 of 1

Work Order: 7050726

Project Name: Hannibal Fee No. 1

			Date	Time	Date
Sample	Description	Matrix	\mathbf{Taken}	Taken	Received
123521	N 1/2 Comp Floor & Wall	soil	2007-05-05	13:00	2007-05-07
123522	S 1/2 Comp Floor & Wall	soil	2007-05-05	13:20	2007-05-07

Sample: 123521 - N 1/2 Comp Floor & Wall

Param	Flag	Result	${f Units}$	RL
Chloride		1680	mg/Kg	5.00

Sample: 123522 - S 1/2 Comp Floor & Wall

Param	Flag	Result	Units	RL
Chloride		3050	mg/Kg	5.00



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Report Date: May 7, 2007

7050726

Work Order:

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Analytical and Quality Control Report

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

Hannibal Fee No. 1

Project Name: Project Number: Hannibal Fee No. 1

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Taken	Taken	Received
123521	N 1/2 Comp Floor & Wall	soil	2007-05-05	13:00	2007-05-07
123522	S 1/2 Comp Floor & Wall	soil	2007-05-05	13:20	2007-05-07

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

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

Case Narrative

Samples for project 'Hannibal Fee No. 1' were received by TraceAnalysis, Inc. on 2007-05-07 and assigned to work order 7050726. Samples for work order 7050726 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 occurring, however, it may not pertain to the samples for work order 7050726 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 performed 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: May 7, 2007 Hannibal Fee No. 1

Work Order: 7050726 Hannibal Fee No. 1

Page Number: 3 of 4

Analytical Report

Sample: 123521 - N 1/2 Comp Floor & Wall

Analysis: Chloride (Titration)

37028 QC Batch: Prep Batch: 32126

Analytical Method: Date Analyzed: Sample Preparation:

SM 4500-Cl B 2007-05-07 2007-05-07

Prep Method: N/A Analyzed By: JS

Prepared By: JS

RL

Flag Dilution RLParameter Result Units 5.00 Chloride 1680 20 mg/Kg

Sample: 123522 - S 1/2 Comp Floor & Wall

Analysis:

Chloride (Titration)

Analytical Method: Date Analyzed:

SM 4500-Cl B 2007-05-07

Prep Method: N/A JS

QC Batch: Prep Batch: 32126

37028

Sample Preparation: 2007-05-07

Analyzed By: Prepared By: $_{\rm JS}$

RL

Flag Dilution RLParameter Result Units Chloride 3050 mg/Kg $\overline{200}$ 5.00

Method Blank (1)

QC Batch: 37028

QC Batch: 37028 Prep Batch: 32126 Date Analyzed: 2007-05-07 QC Preparation: 2007-05-07

Analyzed By: Prepared By:

MDL

Flag Parameter Result Units RLChloride < 3.25 mg/Kg 5

Laboratory Control Spike (LCS-1)

QC Batch:

37028

Date Analyzed:

2007-05-07

Analyzed By: JS

Prep Batch: 32126

QC Preparation:

2007-05-07

Prepared By: JS

LCS Spike Matrix Rec. Param Result Units Dil. Amount Result Rec. Limit Chloride 99.2 mg/Kg 100 < 3.25 90 - 110

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. Limit RPD Limit Chloride 102100 < 3.25102 90 - 110 20 mg/Kg

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

Report Date: May 4, 2007

Work Order: 7050319

Page Number: 2 of 2

Hannibal Fee No. 1

 Param
 Flag
 Result
 Units
 RL

 Chloride
 208
 mg/Kg
 5.00

Report Date: May 4, 2007 Hannibal Fee No. 1

Work Order: 7050319 Hannibal Fee No. 1

Page Number: 3 of 5

Analytical Report

Sample: 123299 - N Wall Floor Comp

Analysis:

Chloride (Titration)

QC Batch: 36978 Prep Batch: 32077

Analytical Method: Date Analyzed:

Sample Preparation:

SM 4500-Cl B 2007-05-03

2007-05-03

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

RL

8030

Parameter Chloride

Flag Result

Units mg/Kg Dilution 200

RL5.00

Sample: 123300 - S Wall Floor Comp

Analysis: QC Batch:

Prep Batch:

Chloride (Titration)

36978 32077 Analytical Method: Date Analyzed:

Sample Preparation:

SM 4500-Cl B 2007-05-03 2007-05-03

Prep Method: N/A Analyzed By: SM

RL

Parameter Chloride

Result 8180

Units mg/Kg Dilution

200

Prepared By:

SM

RL

5.00

5.00

Sample: 123301 - E Wall Floor Comp

Analysis: QC Batch: Prep Batch:

Chloride (Titration)

Flag

Flag

36978 32077 Analytical Method: Date Analyzed:

Sample Preparation:

SM 4500-Cl B 2007-05-03 2007-05-03

Prep Method: N/A Analyzed By: SM

RL

Parameter

Result 212

Units mg/Kg Prepared By: SM

Dilution RL

Sample: 123302 - W Wall Floor Comp

Analysis: QC Batch:

Chloride

Chloride (Titration)

36978 Prep Batch: 32077

Analytical Method: Date Analyzed:

SM 4500-Cl B 2007-05-03

Prep Method: N/A Analyzed By: SM

Sample Preparation:

2007-05-03

Prepared By: SM

Flag Parameter Chloride

32077

RLResult 174 Units

mg/Kg

Dilution 20

20

RL5.00

Sample: 123303 - Romulus Blowout Tank

Analysis: QC Batch: Prep Batch: Chloride (Titration) 36978

Analytical Method: Date Analyzed: Sample Preparation:

SM 4500-Cl B 2007-05-03 2007-05-03

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

Report Date: May 4, 2007

Hannibal Fee No. 1

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	RL
1771	D 1

Parameter	Flag	Result	Units	Dilution	RL
Chloride		208	mg/Kg	20	5.00

Method Blank (1)

QC Batch: 36978

QC Batch: 36978 Date Analyzed:

2007-05-03

Analyzed By: SM

Prepared By: SM

Prep Batch: 32077

QC Preparation: 2007-05-03

MDL

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

Laboratory Control Spike (LCS-1)

QC Batch:

Date Analyzed:

2007-05-03

Analyzed By: SM

Prepared By: SM

36978

Prep Batch: 32077

QC Preparation: 2007-05-03

LCS Spike Matrix Rec. Dil. Limit Param Result Units Amount Result Rec. 100 100 < 3.25 100 90 - 110 Chloride mg/Kg 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.	Limit	RPD	Limit
Chloride	99.4	mg/Kg	1	100	< 3.25	99	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: 123303

QC Batch: 36978 Prep Batch: 32077 Date Analyzed: QC Preparation:

2007-05-03 2007-05-03 Analyzed By: SM

Prepared By: SM

		MS			Spike	Matrix		Rec.
Param		Result	Units	Dil.	Amount	Result	Rec.	Limit
Chloride	1	432	mg/Kg	20	2000	208.494	11	84.6 - 117

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

		MSD			Spike	Matrix		Rec.		RPD
Param		Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	2	432	mg/Kg	20	2000	208.494	11	84.6 - 117	0	20

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

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: May 4, 2007

Hannibal Fee No. 1

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Standard (ICV-1)

QC Batch: 36978

Date Analyzed: 2007-05-03

Analyzed By: SM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2007-05-03

Standard (CCV-1)

QC Batch: 36978

Date Analyzed: 2007-05-03

Analyzed By: SM

			CCVs	CCVs	CCVs	Percent	
			True	Found	Percent	Recovery	Date
Param	\mathbf{Flag}	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	99.2	99	85 - 115	2007-05-03

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TraceAnalysis, Inc.

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