Summary Report

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

Report Date: April 11, 2007

Work Order: 7041012

Project Location: Solidification Project
Project Name: Insitu #3
Project Number: Hermes Fee No. 1

30-015-34572

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
121222	N. Wall & floor Comp.	soil	2007-04-09	14:10	2007-04-10
121223	S. Wall & floor Comp.	soil	2007-04-09	14:20	2007-04-10
121224	E. Wall & floor Comp.	soil	2007-04-09	13:10	2007-04-10
121225	W. Wall & floor Comp.	soil	2007-04-09	13:20	2007-04-10

Sample: 121222 - N. Wall & floor Comp.

Param	Flag	Result	Units	RL
Chloride		**1290**	mg/Kg	5.00

Sample: 121223 - S. Wall & floor Comp.

Param	Flag	Result	Units	RL
Chloride		**1140**	mg/Kg	5.00

Sample: 121224 - E. Wall & floor Comp.

Param	Flag	Result	Units	RL
Chloride		**1310**	mg/Kg	5.00

Sample: 121225 - W. Wall & floor Comp.

Param	Flag	Result	Units	RL
Chloride		**764**	mg/Kg	5.00

TRACEANALYSIS, INC.

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Analytical and Quality Control Report

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

Report Date: April 11, 2007

Work Order: 7041012

Project Location: Solidification Project
Project Name: Insitu #3
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
121222	N. Wall & floor Comp.	soil	2007-04-09	14:10	2007-04-10
121223	S. Wall & floor Comp.	soil	2007-04-09	14:20	2007-04-10
121224	E. Wall & floor Comp.	soil	2007-04-09	13:10	2007-04-10
121225	W. Wall & floor Comp.	soil	2007-04-09	13:20	2007-04-10

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.

Dr. Blair Leftwich, Director

Standard Flags

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

Case Narrative

Samples for project 'Insitu #3' were received by TraceAnalysis, Inc. on 2007-04-10 and assigned to work order 7041012. Samples for work order 7041012 were received intact at a temperature of 22.0 deg 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 7041012 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 appropreate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 121222 - N. Wall & floor Comp.

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36352	Date Analyzed:	2007-04-10	Analyzed By:	SM
Prep Batch:	31537	Sample Preparation:	2007-04-10	Prepared By:	SM

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**1290**		mg/Kg	100	5.00

Sample: 121223 - S. Wall & floor Comp.

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36352	Date Analyzed:	2007-04-10	Analyzed By:	SM
Prep Batch:	31537	Sample Preparation:	2007-04-10	Prepared By:	SM

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**1140**		mg/Kg	100	5.00

Sample: 121224 - E. Wall & floor Comp.

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36352	Date Analyzed:	2007-04-10	Analyzed By:	SM
Prep Batch:	31537	Sample Preparation:	2007-04-10	Prepared By:	SM

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**1310**		mg/Kg	100	5.00

Sample: 121225 - W. Wall & floor Comp.

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	36352	Date Analyzed:	2007-04-10	Analyzed By:	SM
Prep Batch:	31537	Sample Preparation:	2007-04-10	Prepared By:	SM

Parameter	Flag	Result	RL	Units	Dilution	RL
Chloride		**764**		mg/Kg	100	5.00

Method Blank (1) QC Batch: 36352

QC Batch:	36352	Date Analyzed:	2007-04-10	Analyzed By:	SM
Prep Batch:	31537	QC Preparation:	2007-04-10	Prepared By:	JS

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

Laboratory Control Spike (LCS-1)

QC Batch: 36352 | Date Analyzed: 2007-04-10 | Analyzed By: SM
Prep Batch: 31537 | QC Preparation: 2007-04-10 | Prepared By: JS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	101	mg/Kg	1	100	<3.25	101	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	101	mg/Kg	1	100	<3.25	101	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: 121227

QC Batch: 36352 | Date Analyzed: 2007-04-10 | Analyzed By: SM
Prep Batch: 31537 | QC Preparation: 2007-04-10 | Prepared By: JS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride [1]	535	mg/Kg	1	1000	364.349	17	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]	537	mg/Kg	1	1000	364.349	17	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: 36352 | Date Analyzed: 2007-04-10 | Analyzed By: SM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-04-10

Standard (CCV-1)

QC Batch: 36352 | Date Analyzed: 2007-04-10 | 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	99.5	100	85 - 115	2007-04-10

LAB Order ID # 7041012 Page 1 of 1

TraceAnalysis, Inc.

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Company Name: Nobel Sussman Permian, LLC
Phone #: 432-682-4429
Address: (Street, City, Zip) 601 N. Marienfeld, Suite 508, Midland, TX 79701
Fax #:
Contact Person: Kem McCready
E-mail:
Invoice to: (If different from above)
Project #: Nerner Fee No.1 Onsite #23
Project Name: ONSITE
Project Location (including state): SOLIDIFICATION PROJECT
Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	MATRIX: SOIL	MATRIX: AIR	MATRIX: SLUDGE	PRESERVATIVE METHOD: HCl	HNO3	H2SO4	NaOH	ICE	NONE	SAMPLING: DATE	SAMPLING: TIME
	N wall floor comp	1			X								X	4/9/07	1520
	S " " "	1			X								X		1540
	E " " "	1			X								X		1610
	W " " "	1			X								X		1615
	~~Trip Blank No. 2 see above~~														
	Trip Blank No. 3 below														
12222	N wall & floor comp.	1			X								X		1400
223	S wall & floor comp.	1			X								X		1420
224	E wall & floor comp.	1			X								X		1310
225	W wall & floor comp	1			X								X		1320

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B / 602 / 8260B / 624	BTEX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content						Turn Around Time if different from standard	Hold
						Soil Cl2																X	
						E-mail results to:																	
						Kemm@Nobleus.com																	
						mike.bradley@state.nm.us																	
						Cmunn@Nmac.com																	

Relinquished by: Date: 4/9/07 Time: 1700
Received by: Date: Time:
Relinquished by: Date: Time:
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: Date: Time:

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 22°C
Log-in-Review MA

REMARKS: 24 HR.

- [ ] Dry Weight Basis Required
- [ ] TRRP Report Required
- [ ] Check If Special Reporting Limits Are Needed

Carrier # Bus

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

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