



SITE CLOSURE REPORT

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SUNOCO KEMNITZ STATION
UNIT B, SECTION 24, TOWNSHIP 16 SOUTH, RANGE 33 EAST
WEST OF LOVINGTON
LEA COUNTY, NEW MEXICO

RECEIVED
OCT 05 2010
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Prepared for:

Sunoco, Inc.
401 Cypress, Ste 610
Abilene, Texas 79601



Prepared by:

NOVA Safety and Environmental
2057 Commerce Drive
Midland, Texas 79703

October 2010


Ronald K. Rounsaville
Senior Project Manager


Brittan K. Byerly, P.G.
President

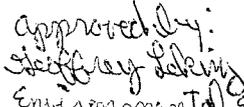
approved by:

Environmental Engineers
NMOC-D-Hobbs
11/05/10

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1.0 INTRODUCTION

NOVA Safety and Environmental (NOVA), is pleased to submit to Sunoco, Inc (Sunoco) this Site Closure Report (SCR) for the former tank battery site known as Sunoco Kemnitz Station. The Sunoco Kemnitz Station site is a former tank battery location and was decommissioned in 2001 with the removal of the tanks and all ancillary equipment. The former tank battery site is located in Unit B, Section 24, Township 16 South, Range 33 East, Lea County, New Mexico. A Site Location Map is provided as Figure 1.

2.0 NMOCD SITE CLASSIFICATION

Groundwater in the vicinity of this site occurs at approximately fifty (50) feet bgs. This depth to groundwater results in a score of 20 being assigned to this site based on the NMOCD ranking criteria. The distance to the nearest water source exceeds 1,000 feet, resulting in no points being assigned to the site on this ranking criterion. There is no surface water body located with 1,000 feet of the site, resulting in no points being assigned on this ranking criterion.

The NMOCD's *Guidelines for Remediation of Leaks, Spills and Releases* (NMOCD, 1993), indicates the Sunoco Kemnitz Station site has a ranking score of 20 points. The soil cleanup levels for a site with a ranking score greater than 19 require benzene concentrations below 10 parts per million (ppm), total BTEX concentrations below 50 ppm and TPH-GRO/DRO concentrations below 100 ppm.

3.0 SUMMARY OF FIELD ACTIVITIES

3.1 Impacted Soil Removal

In 2001, the Kemnitz Tank Battery was dismantled and all tanks and ancillary equipment were removed from the site. Following the removal of the battery equipment, the soils underlying the tanks, firewall berms and sidewalls were excavated to a depth of approximately two feet below ground surface (bgs). Impacted soils excavated from within the former battery were transported to the J&L Landfarm facility in Eunice, New Mexico for disposal. Clean, non-impacted material from a nearby source was used to backfill the excavation area.

On August 16, 2010, NOVA Safety and Environmental (NOVA) mobilized equipment to the site to over-excavate the former tank battery area and collect confirmation soil samples from the battery floor and side walls to determine that soil concentrations underneath the former battery were below NMOCD regulatory standards.

Based on visual and olfactory observations, excavation activities were suspended pending the analytical results of confirmation soil samples collected at locations within the excavation area. The final excavation measured approximately 45 feet in length by 25 feet in width and averaged approximately 2-½ feet in depth. Figure 2 is a Site Details and Confirmation Soil Sample Locations Map displaying the tank battery, excavation areas and other site details.

3.2 Excavated Soil Remediation

Impacted soil from the 2001 excavation activity was transported to the J&L Landfarm facility in Eunice, New Mexico for disposal. Clean, non-impacted material from a nearby source was used to backfill the excavation area.

3.3 Confirmation Soil Sampling and Analytical Results

On August 16, 2010, four excavation sidewall and two floor samples were collected from the tank battery excavation area. All samples were collected utilizing standard soil sampling protocol as stated in NMOCD guidelines. Laboratory submitted samples were placed in sterile glass containers, equipped with a Teflon-lined lid furnished by the laboratory. The samples were labeled, placed on ice, chilled to a temperature of approximately 4°C and transported to Trace Analysis, Inc in Midland, Texas for analysis of Benzene, Toluene, Ethyl-benzene and Xylenes (BTEX) by EPA method 8021B, Total Petroleum Hydrocarbons (TPH) by EPA method 8015 and Chlorides by EPA method SM 4500-C1B. Appropriate chain-of-custody documentation and shipping protocols were followed. The laboratory analytical reports are provided in Appendix A. For reference, Figure 2 displays the locations of the confirmation soil samples and Table 1 presents the analytical results for the laboratory analyzed soil samples.

Laboratory analytical results confirmed that the six soil samples obtained from the excavation floor and sidewalls exhibited BTEX and TPH concentrations below the regulatory clean up level of 50 mg/Kg and 100 mg/Kg. Analytical results for chlorides on the six soil samples exhibited concentrations below 200 mg/Kg.

3.4 Backfilling and Surface Restoration

The entire excavation area was backfilled following receipt of the confirmation analytical results and the site was restored to original grade. Caliche material from the driveway was removed and clean top soil was placed down and reseeded with a mixture required by the New Mexico State Land Office.

4.0 SUMMARY AND REQUEST FOR CLOSURE

Based on the analytical results of laboratory analyzed confirmation soil samples obtained from the excavation floor and side walls, the area below the former tank battery are below applicable NMOCD clean up levels. NOVA on behalf of Sunoco, Inc. respectfully requests that the NMOCD grant closure to the Sunoco Kemnitz Station site.

5.0 LIMITATIONS

NOVA has prepared this Site Closure Report to the best of its ability. No other warranty, expressed or implied, is made or intended. NOVA has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. NOVA has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information

provided in documents or statements is true and accurate. NOVA has prepared this report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. NOVA also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Sunoco, Inc. The information contained in this report including all exhibits and attachments may not be used by any other party without the express written consent of NOVA and/or Sunoco, Inc.

6.0 DISTRIBUTION

Sunoco, Inc.
Kemnitz Station, Crude Oil Tank Battery
Site Closure Report

Copy 1, 2 & 3: Craig Rutland
 Sunoco, Inc
 401 Cypress, Suite 610
 Abilene, Texas 79601

Copy 4: Geoffrey Leking
 New Mexico Energy, Minerals and Natural Resources Department
 Oil Conservation Division, District 1
 1625 French Drive
 Hobbs, NM 88240

Copy 5: NOVA Safety and Environmental
 2057 Commerce Street
 Midland, TX 79703
 rrounsaville@novatraining.cc



FIGURES

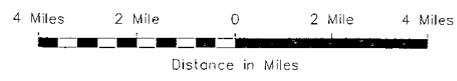
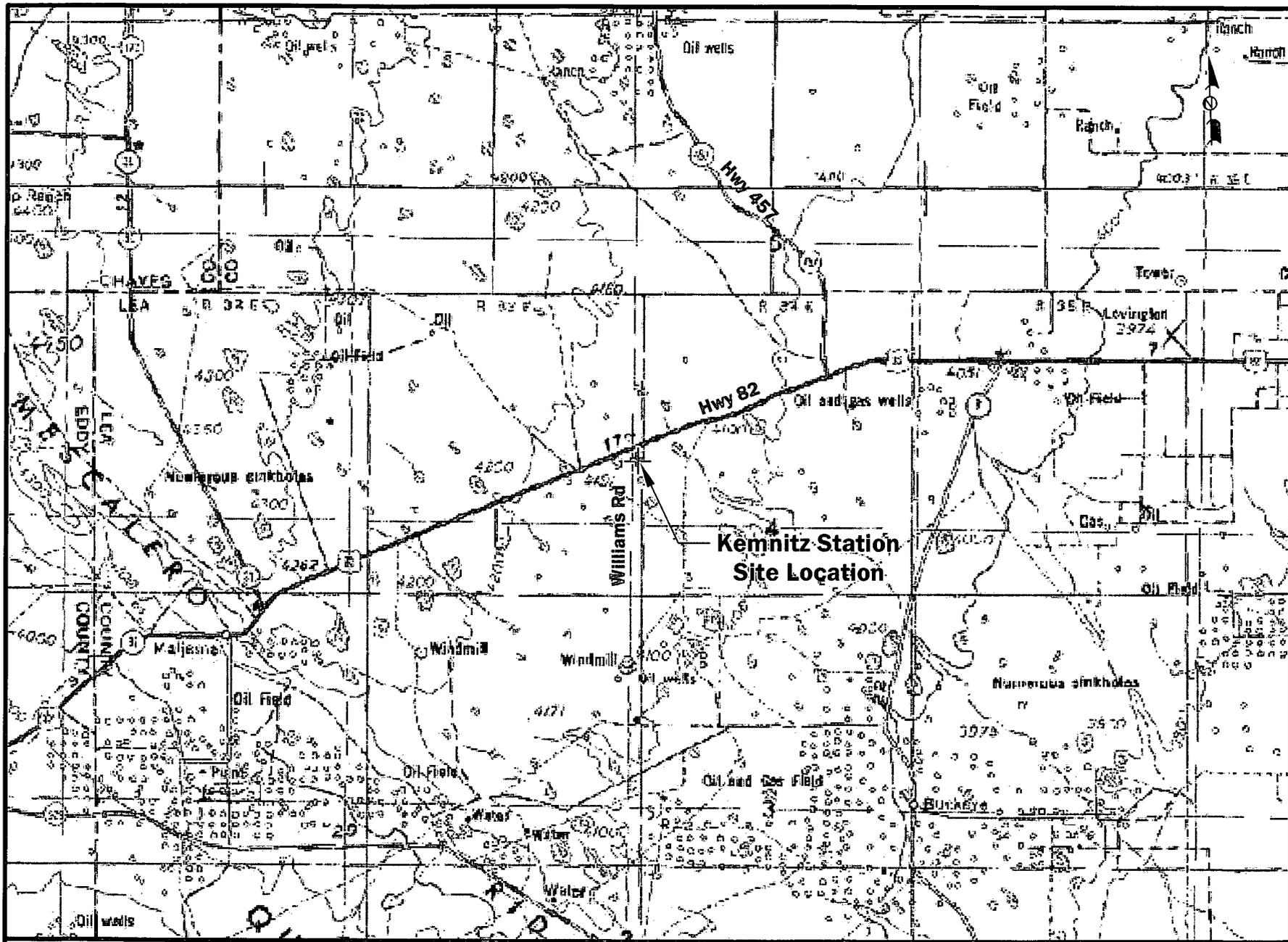
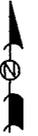


Figure 1
 Site Location Map
 Sunoco, Inc.
 Kennitz Station
 Lea County, Nm

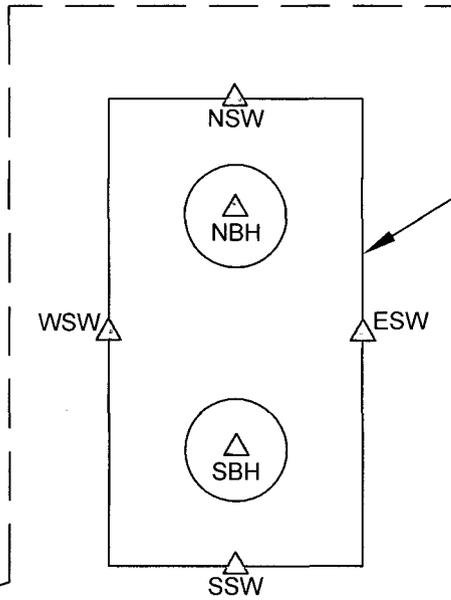


2057 Commerce Drive
 Midland, Texas 79703
 432.520.7720
www.novasafetyandenvironmental.com

Scale: 1" = 21120'	Cad By: TA	Checked By: RR
August 25, 2010 Location: NW1/4, NE1/4, Sect 24, T16S, R33E. N 32° 54.739', W 103° 36.488'		



Williams Road



Former Tank Battery

Caliche Lease Rd.

LEGEND:

△ Soil Sample Location

Figure 2
 Site Details and Confirmation
 Soil Sample Locations
 Sunoco, Inc.
 Kemnitz Station
 Lea County, NM



2057 Commerce Drive
 Midland, Texas 79703
 432.520.7720
 www.novasafetyandenvironmental.com

NW1/4 SE1/4 Sec 24 T16S R33E	N 32° 54.739' W 103° 36.488'
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Scale: NTS	CAD By: TA	Checked By: RKR
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June 26, 2010



TABLES

APPENDICES

APPENDIX A
Laboratory Analytical Reports



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
 200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
 5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
 6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
 E-Mail: lab@traceanalysis.com

Certifications

WBENC: 237019 HUB: 1752439743100-86536 DBE: VN 20657
 NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX El Paso: T104704221-08-TX Midland: T104704392-08-TX
 LELAP-02003 LELAP-02002
 Kansas E-10317

Analytical and Quality Control Report

Ron Rounsaville
 Nova Safety & Environmental
 2057 Commerce St.
 Midland, TX, 79703

Report Date: August 26, 2010

Work Order: 10081725



Project Location: Lea County, NM
 Project Name: Sunoco Kemnitz Station
 Project Number: BL-1427

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
241593	North Side Wall	soil	2010-08-16	11:35	2010-08-17
241594	South Side Wall	soil	2010-08-16	11:50	2010-08-17
241595	East Side Wall	soil	2010-08-16	11:45	2010-08-17
241596	West Side Wall	soil	2010-08-16	11:40	2010-08-17
241597	North Bottom Hole	soil	2010-08-16	11:55	2010-08-17
241598	South Bottom Hole	soil	2010-08-16	12:00	2010-08-17

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 22 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Standard Flags

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

Case Narrative

Samples for project Sunoco Kemnitz Station were received by TraceAnalysis, Inc. on 2010-08-17 and assigned to work order 10081725. Samples for work order 10081725 were received intact at a temperature of 3.9 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	62500	2010-08-23 at 16:00	72886	2010-08-23 at 19:09
BTEX	S 8021B	62544	2010-08-25 at 11:00	72948	2010-08-25 at 15:27
TPH DRO - NEW	S 8015 D	62429	2010-08-20 at 13:56	72814	2010-08-20 at 13:56
TPH DRO - NEW	S 8015 D	62430	2010-08-20 at 13:56	72816	2010-08-20 at 13:56
TPH GRO	S 8015 D	62423	2010-08-21 at 17:00	72815	2010-08-22 at 11:05
TPH GRO	S 8015 D	62500	2010-08-23 at 16:00	72887	2010-08-23 at 19:38

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 10081725 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.

Analytical Report

Sample: 241593 - North Side Wall

Laboratory: Midland	Analytical Method: S 8021B	Prep Method: S 5035
Analysis: BTEX	Date Analyzed: 2010-08-25	Analyzed By: AG
QC Batch: 72948	Sample Preparation: 2010-08-25	Prepared By: AG
Prep Batch: 62544		

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0200	mg/Kg	1	0.0200
Toluene		<0.0200	mg/Kg	1	0.0200
Ethylbenzene		<0.0200	mg/Kg	1	0.0200
Xylene		<0.0200	mg/Kg	1	0.0200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.24	mg/Kg	1	2.00	112	52.8 - 137
4-Bromofluorobenzene (4-BFB)		1.74	mg/Kg	1	2.00	87	38.4 - 157

Sample: 241593 - North Side Wall

Laboratory: Midland	Analytical Method: S 8015 D	Prep Method: N/A
Analysis: TPH DRO - NEW	Date Analyzed: 2010-08-20	Analyzed By: kg
QC Batch: 72814	Sample Preparation: 2010-08-20	Prepared By: kg
Prep Batch: 62429		

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		107	mg/Kg	1	100	107	70 - 130

Sample: 241593 - North Side Wall

Laboratory: Midland	Analytical Method: S 8015 D	Prep Method: S 5035
Analysis: TPH GRO	Date Analyzed: 2010-08-22	Analyzed By: AG
QC Batch: 72815	Sample Preparation: 2010-08-21	Prepared By: AG
Prep Batch: 62423		

continued ...

sample 241593 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<2.00	mg/Kg	1	2.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.984	mg/Kg	1	2.00	49	48.5 - 152
4-Bromofluorobenzene (4-BFB)		0.850	mg/Kg	1	2.00	42	42 - 159

Sample: 241594 - South Side Wall

Laboratory: Midland
 Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
 QC Batch: 72886 Date Analyzed: 2010-08-23 Analyzed By: AG
 Prep Batch: 62500 Sample Preparation: 2010-08-23 Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0200	mg/Kg	1	0.0200
Toluene		<0.0200	mg/Kg	1	0.0200
Ethylbenzene		<0.0200	mg/Kg	1	0.0200
Xylene		<0.0200	mg/Kg	1	0.0200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.09	mg/Kg	1	2.00	104	52.8 - 137
4-Bromofluorobenzene (4-BFB)		1.82	mg/Kg	1	2.00	91	38.4 - 157

Sample: 241594 - South Side Wall

Laboratory: Midland
 Analysis: TPH DRO - NEW Analytical Method: S 8015 D Prep Method: N/A
 QC Batch: 72816 Date Analyzed: 2010-08-20 Analyzed By: kg
 Prep Batch: 62430 Sample Preparation: 2010-08-20 Prepared By: kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		114	mg/Kg	1	100	114	70 - 130

Sample: 241594 - South Side Wall

Laboratory: Midland
 Analysis: TPH GRO
 QC Batch: 72887
 Prep Batch: 62500

Analytical Method: S 8015 D
 Date Analyzed: 2010-08-23
 Sample Preparation: 2010-08-23

Prep Method: S 5035
 Analyzed By: AG
 Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<2.00	mg/Kg	1	2.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.36	mg/Kg	1	2.00	118	48.5 - 152
4-Bromofluorobenzene (4-BFB)		1.96	mg/Kg	1	2.00	98	42 - 159

Sample: 241595 - East Side Wall

Laboratory: Midland
 Analysis: BTEX
 QC Batch: 72886
 Prep Batch: 62500

Analytical Method: S 8021B
 Date Analyzed: 2010-08-23
 Sample Preparation: 2010-08-23

Prep Method: S 5035
 Analyzed By: AG
 Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0200	mg/Kg	1	0.0200
Toluene		<0.0200	mg/Kg	1	0.0200
Ethylbenzene		<0.0200	mg/Kg	1	0.0200
Xylene		<0.0200	mg/Kg	1	0.0200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.18	mg/Kg	1	2.00	109	52.8 - 137
4-Bromofluorobenzene (4-BFB)		1.86	mg/Kg	1	2.00	93	38.4 - 157

Sample: 241595 - East Side Wall

Laboratory: Midland
 Analysis: TPH DRO - NEW Analytical Method: S 8015 D Prep Method: N/A
 QC Batch: 72816 Date Analyzed: 2010-08-20 Analyzed By: kg
 Prep Batch: 62430 Sample Preparation: 2010-08-20 Prepared By: kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		103	mg/Kg	1	100	103	70 - 130

Sample: 241595 - East Side Wall

Laboratory: Midland
 Analysis: TPH GRO Analytical Method: S 8015 D Prep Method: S 5035
 QC Batch: 72887 Date Analyzed: 2010-08-23 Analyzed By: AG
 Prep Batch: 62500 Sample Preparation: 2010-08-23 Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<2.00	mg/Kg	1	2.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.45	mg/Kg	1	2.00	122	48.5 - 152
4-Bromofluorobenzene (4-BFB)		1.98	mg/Kg	1	2.00	99	42 - 159

Sample: 241596 - West Side Wall

Laboratory: Midland
 Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
 QC Batch: 72886 Date Analyzed: 2010-08-23 Analyzed By: AG
 Prep Batch: 62500 Sample Preparation: 2010-08-23 Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0200	mg/Kg	1	0.0200
Toluene		<0.0200	mg/Kg	1	0.0200
Ethylbenzene		<0.0200	mg/Kg	1	0.0200
Xylene		<0.0200	mg/Kg	1	0.0200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.82	mg/Kg	1	2.00	91	52.8 - 137
4-Bromofluorobenzene (4-BFB)		1.53	mg/Kg	1	2.00	76	38.4 - 157

Sample: 241596 - West Side Wall

Laboratory: Midland
 Analysis: TPH DRO - NEW Analytical Method: S 8015 D Prep Method: N/A
 QC Batch: 72816 Date Analyzed: 2010-08-20 Analyzed By: kg
 Prep Batch: 62430 Sample Preparation: 2010-08-20 Prepared By: kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		106	mg/Kg	1	100	106	70 - 130

Sample: 241596 - West Side Wall

Laboratory: Midland
 Analysis: TPH GRO Analytical Method: S 8015 D Prep Method: S 5035
 QC Batch: 72887 Date Analyzed: 2010-08-23 Analyzed By: AG
 Prep Batch: 62500 Sample Preparation: 2010-08-23 Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<2.00	mg/Kg	1	2.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.04	mg/Kg	1	2.00	102	48.5 - 152
4-Bromofluorobenzene (4-BFB)		1.65	mg/Kg	1	2.00	82	42 - 159

Sample: 241597 - North Bottom Hole

Laboratory: Midland
 Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
 QC Batch: 72886 Date Analyzed: 2010-08-23 Analyzed By: AG
 Prep Batch: 62500 Sample Preparation: 2010-08-23 Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0200	mg/Kg	1	0.0200
Toluene		<0.0200	mg/Kg	1	0.0200
Ethylbenzene		<0.0200	mg/Kg	1	0.0200
Xylene		<0.0200	mg/Kg	1	0.0200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.80	mg/Kg	1	2.00	90	52.8 - 137
4-Bromofluorobenzene (4-BFB)		1.48	mg/Kg	1	2.00	74	38.4 - 157

Sample: 241597 - North Bottom Hole

Laboratory: Midland
 Analysis: TPH DRO - NEW Analytical Method: S 8015 D Prep Method: N/A
 QC Batch: 72816 Date Analyzed: 2010-08-20 Analyzed By: kg
 Prep Batch: 62430 Sample Preparation: 2010-08-20 Prepared By: kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		104	mg/Kg	1	100	104	70 - 130

Sample: 241597 - North Bottom Hole

Laboratory: Midland
 Analysis: TPH GRO Analytical Method: S 8015 D Prep Method: S 5035
 QC Batch: 72887 Date Analyzed: 2010-08-23 Analyzed By: AG
 Prep Batch: 62500 Sample Preparation: 2010-08-23 Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<2.00	mg/Kg	1	2.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.02	mg/Kg	1	2.00	101	48.5 - 152
4-Bromofluorobenzene (4-BFB)		1.60	mg/Kg	1	2.00	80	42 - 159

Sample: 241598 - South Bottom Hole

Laboratory: Midland	Analytical Method: S 8021B	Prep Method: S 5035
Analysis: BTEX	Date Analyzed: 2010-08-23	Analyzed By: AG
QC Batch: 72886	Sample Preparation: 2010-08-23	Prepared By: AG
Prep Batch: 62500		

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0200	mg/Kg	1	0.0200
Toluene		<0.0200	mg/Kg	1	0.0200
Ethylbenzene		<0.0200	mg/Kg	1	0.0200
Xylene		<0.0200	mg/Kg	1	0.0200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.02	mg/Kg	1	2.00	101	52.8 - 137
4-Bromofluorobenzene (4-BFB)		1.66	mg/Kg	1	2.00	83	38.4 - 157

Sample: 241598 - South Bottom Hole

Laboratory: Midland	Analytical Method: S 8015 D	Prep Method: N/A
Analysis: TPH DRO - NEW	Date Analyzed: 2010-08-20	Analyzed By: kg
QC Batch: 72816	Sample Preparation: 2010-08-20	Prepared By: kg
Prep Batch: 62430		

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		110	mg/Kg	1	100	110	70 - 130

Sample: 241598 - South Bottom Hole

Laboratory: Midland	Analytical Method: S 8015 D	Prep Method: S 5035
Analysis: TPH GRO	Date Analyzed: 2010-08-23	Analyzed By: AG
QC Batch: 72887	Sample Preparation: 2010-08-23	Prepared By: AG
Prep Batch: 62500		

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<2.00	mg/Kg	1	2.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.28	mg/Kg	1	2.00	114	48.5 - 152
4-Bromofluorobenzene (4-BFB)		1.77	mg/Kg	1	2.00	88	42 - 159

Method Blank (1) QC Batch: 72814

QC Batch: 72814 Date Analyzed: 2010-08-20 Analyzed By: kg
Prep Batch: 62429 QC Preparation: 2010-08-20 Prepared By: kg

Parameter	Flag	MDL Result	Units	RL
DRO		<14.5	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		95.2	mg/Kg	1	100	95	70 - 130

Method Blank (1) QC Batch: 72815

QC Batch: 72815 Date Analyzed: 2010-08-22 Analyzed By: AG
Prep Batch: 62423 QC Preparation: 2010-08-21 Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
GRO		<1.65	mg/Kg	2

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.07	mg/Kg	1	2.00	104	67.6 - 150
4-Bromofluorobenzene (4-BFB)		1.43	mg/Kg	1	2.00	72	52.4 - 130

Method Blank (1) QC Batch: 72816

QC Batch: 72816 Date Analyzed: 2010-08-20 Analyzed By: kg
Prep Batch: 62430 QC Preparation: 2010-08-20 Prepared By: kg

Parameter	Flag	MDL Result	Units	RL
DRO		<14.5	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		90.2	mg/Kg	1	100	90	70 - 130

Method Blank (1) QC Batch: 72886

QC Batch: 72886 Date Analyzed: 2010-08-23 Analyzed By: AG
Prep Batch: 62500 QC Preparation: 2010-08-23 Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.0150	mg/Kg	0.02
Toluene		<0.00950	mg/Kg	0.02
Ethylbenzene		<0.0106	mg/Kg	0.02
Xylene		<0.00930	mg/Kg	0.02

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.87	mg/Kg	1	2.00	94	66.6 - 122
4-Bromofluorobenzene (4-BFB)		1.29	mg/Kg	1	2.00	64	55.4 - 132

Method Blank (1) QC Batch: 72887

QC Batch: 72887 Date Analyzed: 2010-08-23 Analyzed By: AG
Prep Batch: 62500 QC Preparation: 2010-08-23 Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
GRO		<1.65	mg/Kg	2

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.17	mg/Kg	1	2.00	108	67.6 - 150
4-Bromofluorobenzene (4-BFB)		1.40	mg/Kg	1	2.00	70	52.4 - 130

Method Blank (1) QC Batch: 72948

QC Batch: 72948 Date Analyzed: 2010-08-25 Analyzed By: AG
Prep Batch: 62544 QC Preparation: 2010-08-25 Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.0150	mg/Kg	0.02

continued ...

control spikes continued ...

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	14.2	mg/Kg	1	20.0	<1.65	71	69.9 - 95.4	1	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	2.05	1.86	mg/Kg	1	2.00	102	93	61.9 - 142
4-Bromofluorobenzene (4-BFB)	1.64	1.51	mg/Kg	1	2.00	82	76	68.2 - 132

Laboratory Control Spike (LCS-1)

QC Batch: 72816
Prep Batch: 62430

Date Analyzed: 2010-08-20
QC Preparation: 2010-08-20

Analyzed By: kg
Prepared By: kg

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	244	mg/Kg	1	250	<14.5	98	57.4 - 133.4

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
DRO	236	mg/Kg	1	250	<14.5	94	57.4 - 133.4	3	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Tricosane	110	108	mg/Kg	1	100	110	108	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 72886
Prep Batch: 62500

Date Analyzed: 2010-08-23
QC Preparation: 2010-08-23

Analyzed By: AG
Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	2.11	mg/Kg	1	2.00	<0.0150	106	81.9 - 108
Toluene	2.01	mg/Kg	1	2.00	<0.00950	100	81.9 - 107
Ethylbenzene	1.86	mg/Kg	1	2.00	<0.0106	93	78.4 - 107
Xylene	5.58	mg/Kg	1	6.00	<0.00930	93	79.1 - 107

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
Benzene	2.08	mg/Kg	1	2.00	<0.0150	104	81.9 - 108	1	20
Toluene	1.99	mg/Kg	1	2.00	<0.00950	100	81.9 - 107	1	20
Ethylbenzene	1.81	mg/Kg	1	2.00	<0.0106	90	78.4 - 107	3	20
Xylene	5.47	mg/Kg	1	6.00	<0.00930	91	79.1 - 107	2	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	2.00	1.90	mg/Kg	1	2.00	100	95	70.2 - 114
4-Bromofluorobenzene (4-BFB)	1.71	1.67	mg/Kg	1	2.00	86	84	69.8 - 121

Laboratory Control Spike (LCS-1)

QC Batch: 72887
Prep Batch: 62500

Date Analyzed: 2010-08-23
QC Preparation: 2010-08-23

Analyzed By: AG
Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	15.2	mg/Kg	1	20.0	<1.65	76	69.9 - 95.4

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
GRO	15.7	mg/Kg	1	20.0	<1.65	78	69.9 - 95.4	3	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	2.21	2.25	mg/Kg	1	2.00	110	112	61.9 - 142
4-Bromofluorobenzene (4-BFB)	1.67	1.71	mg/Kg	1	2.00	84	86	68.2 - 132

Laboratory Control Spike (LCS-1)

QC Batch: 72948
Prep Batch: 62544

Date Analyzed: 2010-08-25
QC Preparation: 2010-08-25

Analyzed By: AG
Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	2.04	mg/Kg	1	2.00	<0.0150	102	81.9 - 108
Toluene	1.93	mg/Kg	1	2.00	<0.00950	96	81.9 - 107
Ethylbenzene	1.77	mg/Kg	1	2.00	<0.0106	88	78.4 - 107
Xylene	5.25	mg/Kg	1	6.00	<0.00930	88	79.1 - 107

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

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	2.07	mg/Kg	1	2.00	<0.0150	104	81.9 - 108	1	20
Toluene	1.96	mg/Kg	1	2.00	<0.00950	98	81.9 - 107	2	20
Ethylbenzene	1.81	mg/Kg	1	2.00	<0.0106	90	78.4 - 107	2	20
Xylene	5.38	mg/Kg	1	6.00	<0.00930	90	79.1 - 107	2	20

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.95	1.93	mg/Kg	1	2.00	98	96	70.2 - 114
4-Bromofluorobenzene (4-BFB)	1.53	1.51	mg/Kg	1	2.00	76	76	69.8 - 121

Matrix Spike (MS-1) Spiked Sample: 241593

QC Batch: 72814
Prep Batch: 62429

Date Analyzed: 2010-08-20
QC Preparation: 2010-08-20

Analyzed By: kg
Prepared By: kg

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	237	mg/Kg	1	250	<14.5	95	35.2 - 167.1

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
DRO	255	mg/Kg	1	250	<14.5	102	35.2 - 167.1	7	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
n-Tricosane	115	117	mg/Kg	1	100	115	117	70 - 130

Matrix Spike (MS-1) Spiked Sample: 241593

QC Batch: 72815
Prep Batch: 62423

Date Analyzed: 2010-08-22
QC Preparation: 2010-08-21

Analyzed By: AG
Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	16.6	mg/Kg	1	20.0	<1.65	83	61.8 - 114

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

continued ...

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	2.20	mg/Kg	1	2.00	<0.0150	110	80.5 - 112	1	20
Toluene	2.21	mg/Kg	1	2.00	<0.00950	110	82.4 - 113	0	20
Ethylbenzene	2.29	mg/Kg	1	2.00	<0.0106	114	83.9 - 114	0	20
Xylene	6.63	mg/Kg	1	6.00	<0.00930	110	84 - 114	1	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	2.33	2.09	mg/Kg	1	2	116	104	41.3 - 117
4-Bromofluorobenzene (4-BFB)	2.09	1.91	mg/Kg	1	2	104	96	35.5 - 129

Matrix Spike (MS-1) Spiked Sample: 241595

QC Batch: 72887 Date Analyzed: 2010-08-23 Analyzed By: AG
Prep Batch: 62500 QC Preparation: 2010-08-23 Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	16.6	mg/Kg	1	20.0	<1.65	83	61.8 - 114

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
GRO	15.1	mg/Kg	1	20.0	<1.65	76	61.8 - 114	10	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	2.27	2.31	mg/Kg	1	2	114	116	50 - 162
4-Bromofluorobenzene (4-BFB)	2.02	2.00	mg/Kg	1	2	101	100	50 - 162

Matrix Spike (MS-1) Spiked Sample: 242010

QC Batch: 72948 Date Analyzed: 2010-08-25 Analyzed By: AG
Prep Batch: 62544 QC Preparation: 2010-08-25 Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	¹ 2.31	mg/Kg	1	2.00	<0.0150	116	80.5 - 112
Toluene	2.25	mg/Kg	1	2.00	<0.00950	112	82.4 - 113
Ethylbenzene	2.18	mg/Kg	1	2.00	<0.0106	109	83.9 - 114

continued ...

¹Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.

standard continued ...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Toluene		mg/Kg	0.100	0.0945	94	80 - 120	2010-08-25
Ethylbenzene		mg/Kg	0.100	0.0846	85	80 - 120	2010-08-25
Xylene		mg/Kg	0.300	0.254	85	80 - 120	2010-08-25

Standard (CCV-2)

QC Batch: 72948

Date Analyzed: 2010-08-25

Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.104	104	80 - 120	2010-08-25
Toluene		mg/Kg	0.100	0.0988	99	80 - 120	2010-08-25
Ethylbenzene		mg/Kg	0.100	0.0906	91	80 - 120	2010-08-25
Xylene		mg/Kg	0.300	0.266	89	80 - 120	2010-08-25



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Certifications

WBENC: 237019 HUB: 1752439743100-86536 DBE: VN 20657
 NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX El Paso: T104704221-08-TX Midland: T104704392-08-TX
 LELAP-02003 LELAP-02002
 Kansas E-10317

Analytical and Quality Control Report

Ron Rounsaville
 Nova Safety & Environmental
 2057 Commerce St.
 Midland, TX, 79703

Report Date: September 14, 2010

Work Order: 10081725



Project Location: Lea County, NM
 Project Name: Sunoco Kemnitz Station
 Project Number: BL-1427

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
241593	North Side Wall	soil	2010-08-16	11:35	2010-08-17
241594	South Side Wall	soil	2010-08-16	11:50	2010-08-17
241595	East Side Wall	soil	2010-08-16	11:45	2010-08-17
241596	West Side Wall	soil	2010-08-16	11:40	2010-08-17
241597	North Bottom Hole	soil	2010-08-16	11:55	2010-08-17
241598	South Bottom Hole	soil	2010-08-16	12:00	2010-08-17

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 8 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Standard Flags

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

Case Narrative

Samples for project Sunoco Kemnitz Station were received by TraceAnalysis, Inc. on 2010-08-17 and assigned to work order 10081725. Samples for work order 10081725 were received intact at a temperature of 3.9 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
Chloride (Titration)	SM 4500-Cl B	62931	2010-09-09 at 09:22	73396	2010-09-10 at 11:24
Chloride (Titration)	SM 4500-Cl B	62932	2010-09-09 at 09:23	73397	2010-09-10 at 11:25

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 10081725 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.

Analytical Report

Sample: 241593 - North Side Wall

Laboratory: Midland
Analysis: Chloride (Titration) Analytical Method: SM 4500-Cl B Prep Method: N/A
QC Batch: 73396 Date Analyzed: 2010-09-10 Analyzed By: AR
Prep Batch: 62931 Sample Preparation: 2010-09-09 Prepared By: AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 241594 - South Side Wall

Laboratory: Midland
Analysis: Chloride (Titration) Analytical Method: SM 4500-Cl B Prep Method: N/A
QC Batch: 73396 Date Analyzed: 2010-09-10 Analyzed By: AR
Prep Batch: 62931 Sample Preparation: 2010-09-09 Prepared By: AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 241595 - East Side Wall

Laboratory: Midland
Analysis: Chloride (Titration) Analytical Method: SM 4500-Cl B Prep Method: N/A
QC Batch: 73396 Date Analyzed: 2010-09-10 Analyzed By: AR
Prep Batch: 62931 Sample Preparation: 2010-09-09 Prepared By: AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 241596 - West Side Wall

Laboratory: Midland
Analysis: Chloride (Titration) Analytical Method: SM 4500-Cl B Prep Method: N/A
QC Batch: 73396 Date Analyzed: 2010-09-10 Analyzed By: AR
Prep Batch: 62931 Sample Preparation: 2010-09-09 Prepared By: AR

continued ...

sample 241596 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 241597 - North Bottom Hole

Laboratory: Midland
Analysis: Chloride (Titration) Analytical Method: SM 4500-Cl B Prep Method: N/A
QC Batch: 73397 Date Analyzed: 2010-09-10 Analyzed By: AR
Prep Batch: 62932 Sample Preparation: 2010-09-09 Prepared By: AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Sample: 241598 - South Bottom Hole

Laboratory: Midland
Analysis: Chloride (Titration) Analytical Method: SM 4500-Cl B Prep Method: N/A
QC Batch: 73397 Date Analyzed: 2010-09-10 Analyzed By: AR
Prep Batch: 62932 Sample Preparation: 2010-09-09 Prepared By: AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<200	mg/Kg	50	4.00

Method Blank (1) QC Batch: 73396

QC Batch: 73396 Date Analyzed: 2010-09-10 Analyzed By: AR
Prep Batch: 62931 QC Preparation: 2010-09-09 Prepared By: AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Method Blank (1) QC Batch: 73397

QC Batch: 73397 Date Analyzed: 2010-09-10 Analyzed By: AR
Prep Batch: 62932 QC Preparation: 2010-09-09 Prepared By: AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.18	mg/Kg	4

Laboratory Control Spike (LCS-1)

QC Batch: 73396 Date Analyzed: 2010-09-10 Analyzed By: AR
Prep Batch: 62931 QC Preparation: 2010-09-09 Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	96.0	mg/Kg	1	100	<2.18	96	85 - 115

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	<2.18	101	85 - 115	5	20

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

Laboratory Control Spike (LCS-1)

QC Batch: 73397 Date Analyzed: 2010-09-10 Analyzed By: AR
Prep Batch: 62932 QC Preparation: 2010-09-09 Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	96.0	mg/Kg	1	100	<2.18	96	85 - 115

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	102	mg/Kg	1	100	<2.18	102	85 - 115	6	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: 241596

QC Batch: 73396 Date Analyzed: 2010-09-10 Analyzed By: AR
Prep Batch: 62931 QC Preparation: 2010-09-09 Prepared By: AR

Standard (ICV-1)

QC Batch: 73397

Date Analyzed: 2010-09-10

Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.5	100	85 - 115	2010-09-10

Standard (CCV-1)

QC Batch: 73397

Date Analyzed: 2010-09-10

Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2010-09-10

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Company Name: NOVA Phone #: _____
 Address: (Street, City, Zip) _____ Fax #: _____
 Contact Person: Ron Rausville E-mail: _____
 Invoice to: (If different from above) NOVA
 Project #: BL-1427 Project Name: Sunoco Kernitz STATION
 Project Location (including state): Lea Co. NM Sampler Signature: Ron Rausville

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021 / 602 / 8260 / 624	
BTEX 8021 / 602 / 8260 / 624	
TPH 418.1 / TX1005 / TX1005 Ext(C35)	
<u>TPH 8015 GRO / DRO / TVHC</u>	
PAH 8270 / 625	
Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7	
TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Volatiles	
TCLP Semi Volatiles	
TCLP Pesticides	
RCI	
GC/MS Vol. 8260 / 624	
GC/MS Semi. Vol. 8270 / 625	
PCB's 8082 / 608	
Pesticides 8081 / 608	
BOD, TSS, pH	
Moisture Content	
Cl, F, SO4, NO3, NO2, Alkalinity	
Na, Ca, Mg, K, TDS, EC	
Turn Around Time if different from standard	
Hold	

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD					SAMPLING		
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME
241593	NORTH Sidewall	1	4oz	X							X			8/16/10	1135
594	South Sidewall	1	}	X							X				1150
595	EAST Sidewall	1		X							X				1145
596	WEST Sidewall	1		X							X				1140
597	North Bottom hole	1		X							X				1155
598	South Bottom hole	1		X							X				1200

Relinquished by: <u>Ron Rausville</u> Company: _____ Date: <u>8/17/10</u> Time: <u>11:10</u>	Received by: <u>[Signature]</u> Company: <u>Trace</u> Date: <u>8/17/10</u> Time: <u>11:10</u>	INST _____ OBS <u>39</u> COR _____
Relinquished by: _____ Company: _____ Date: _____ Time: _____	Received by: _____ Company: _____ Date: _____ Time: _____	INST _____ OBS _____ COR _____
Relinquished by: _____ Company: _____ Date: _____ Time: _____	Received by: _____ Company: _____ Date: _____ Time: _____	INST _____ OBS _____ COR _____

LAB USE ONLY

REMARKS: All tests - Midland

Intact Y / N _____

Headspace Y / N (NA) _____

Log-in-Review _____

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

APPENDIX B
Release Notification and Corrective Action
(Form C-141)

RECEIVED

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

OCT 05 2010
HOBBSOCD

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

X Initial Report Final Report

Name of Company Sunoco, Inc.	Contact JEFF GREEN
Address 401 Cypress Avenue, Abilene, Texas 79601	Telephone No. 325-671-8050
Facility Name Sunoco Kemnitz Station	Facility Type TANK BATTERY

Surface Owner	Mineral Owner	Lease No.
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	24	16 S	33 E					Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Unknown	Volume of Release UNK	Volume Recovered UNK
Source of Release	Date and Hour of Occurrence H1ST	Date and Hour of Discovery H1ST
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

In 2001, The Kemnitz station equipment was dismantled and removed. The soils underneath the tanks, including the berm walls, were excavated and blended with clean soil and placed back within the excavation.

Describe Area Affected and Cleanup Action Taken.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature: *Jeff Green*

Printed Name: Jeff Green

Title: South Region MANAGER

E-mail Address: jdgreen@sunoco-logistics.com

Date: 09/20/2010

Phone: 325-671-8050

Approved by ENV. ENGINEER:
District Supervisor

Stephany Solinsky

Approval Date: 09/29/10

Expiration Date: 11/29/10

Conditions of Approval: DELIVERATE TO
CLEAN #1, SUBMIT FINAL C-141
BY 11/29/10.

Attached

IRP-10-9-2617

* Attach Additional Sheets If Necessary