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

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

☐ Initial Report XX Final Report

Name of Company Plains Pipeline, L. P.	Contact Daniel Bryant
Address 3112 W. US Hwy 82, Lovington, NM 88260	Telephone No. (432) 557-5865
Facility Name North Monument 6-Inch	Facility Type 6" Steel Pipeline

Surface Owner B. Darnell	Mineral Owner	Lease No.

J Cooper POA

LOCATION OF RELEASE

API # 30-025-05793

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	32	19S	37E					Lea

Latitude 32° 36' 36.8" **Longitude** 103° 16' 47.7"

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 5 barrels	Volume Recovered 0 barrels
Source of Release 6" Steel Pipeline	Date and Hour of Occurrence 12/05/2007 @ 1130	Date and Hour of Discovery 12/05/2007 @ 1200
Was Immediate Notice Given? XX Yes ☐ No ☐ Not Required	If YES, To Whom? Pat Richards RELEVEL	
By Whom? Camille Reynolds	Date and Hour 12/05/2007 @ 1430	
Was a Watercourse Reached? ☐ Yes XX☐ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

RECEIVED 2008 HOBBS OCD

Describe Cause of Problem and Remedial Action Taken.* During purging activities discovered leak in the 6-inch pipeline resulting in a release of crude oil. The line was cut and capped to mitigate the release. The line is idle so information concerning volume and pressure is unavailable.

Describe Area Affected and Cleanup Action Taken.* Pursuant to the approved NMOCD Plains Marketing, L. P., Preliminary Site Investigation Report, dated February 27, 2008, the crude oil release site was excavated, confirmation soil samples were collected from the floor & walls of the excavation, the impacted soil was transported to an NMOCD approved landfarm and the excavation was backfilled with soil purchased from a local landowner.

SEE ATTACHED BASIN ENVIRONMENTAL SERVICE TECHNOLOGIES REMEDIATION SUMMARY AND CLOSURE REQUEST, FOR DETAILS OF REMEDIAL ACTIVITIES CONDUCTED.

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.

Signature: Daniel Bryant	OIL CONSERVATION DIVISION
Printed Name: Daniel Bryant	Approved by District Supervisor: Chris Johnson ENVIRONMENTAL ENGINEER
Title: Remediation Coordinator	Approval Date: 12.4.08 Expiration Date: —
E-mail Address: dmbryant@paalp.com	Conditions of Approval: — Attached ☐ TKP-1685
Date: 10/24/2008 Phone: (432) 557-5865	

* Attach Additional Sheets If Necessary

fGRL0834463674

Basin Environmental Service Technologies, LLC

2800 Plains Highway
P. O. Box 301
Lovington, New Mexico 88260
cjbryant@basin-consulting.com
Office: (505) 396-2378 Fax: (505) 396-1429

Effective Solutions

REMEDIATION SUMMARY

AND

SITE CLOSURE REQUEST

PLAINS MARKETING, L.P. (231735)
North Monument 6-Inch
Lea County, New Mexico
Plains SRS # 2007-345
UNIT M (SW/SW), Section 32, Township 19 South, Range 37 East
Latitude 32 °, 36', 36.8" North, Longitude 103 °, 16', 47.7" West
NMOCD Reference # 1RP-1685

Prepared For:

Plains Marketing, L.P.
333 Clay Street
Suite 1600
Houston, Texas 77002

Prepared By:
Basin Environmental Service Technologies, LLC

October 2008

Camille J. Bryant
Project Manager

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FIGURES

TABLES

APPENDICES

INTRODUCTION AND BACKGROUND INFORMATION

Basin Environmental Service Technologies, LLC (Basin), on behalf of Plains Marketing, L.P. (Plains), has prepared this Remediation Summary and Site Closure Request for the release site known as North Monument 6-Inch. The site is located in Unit Letter M (SW ¼ SW ¼), Section 32, Township 19 South, Range 37 East, in Lea County, New Mexico. The property is owned by Barbara Darnell. The site latitude is 32°, 36', 36.8" North, and the longitude is 103 °, 16', 47.7" West (Site Location and Site Map are provided as Figure 1 and Figure 2, respectively). The Release Notification and Corrective Action (NMOCD Form C-141) indicated approximately five (5) barrels of crude oil was released from the Plains pipeline and zero (0) barrels were recovered during the initial response activities. The Release Notification and Corrective Action is provided as Appendix C.

On December 5, 2007, Basin on behalf of Plains responded to a pipeline release located on the idled North Monument 6-Inch gathering pipeline (SRS# 2007-345). Plains operations personnel mitigated the crude oil release by cold cutting and capping the pipeline. The impacted soil excavated during initial emergency response activities was stockpiled on a 6-mil poly liner adjacent to the excavation. The initial visually stained area covered an area measuring approximately 10 feet long by 3 feet wide.

NMOCD SITE CLASSIFICATION

A search of the New Mexico Office of the State Engineer (NMOSE) database indicates the average depth to groundwater is approximately 29 feet below ground surface (bgs) in the section. The depth to groundwater at the idled North Monument 6-Inch results in a score of >19 being assigned to the site based on the New Mexico Oil Conservation Division (NMOCD) depth to groundwater criteria.

The water well database, maintained by the NMOSE, indicated there are no water wells less than 1,000 feet from the release, resulting in zero (0) points being assigned to this site as a result of this criteria.

There is no surface water body located within 1,000 feet of the site. Based on the NMOCD ranking system zero (0) points will be assigned to the site as a result of the criteria.

The NMOCD guidelines indicate the idle North Monument 6-Inch release site has a ranking score of >19. Based on this score, the soil remediation levels for a site with a ranking score of >19 points are as follows:

- Benzene – 10 mg/Kg (ppm)
- BTEX – 50 mg/Kg (ppm)
- TPH – 100 mg/Kg (ppm)

SUMMARY OF RECENT FIELD ACTIVITIES

On December 5, 2007, Basin mobilized to the idled North Monument 6-Inch release site to begin excavation activities. Impacted soil excavated from the release point and flow path was stockpiled on 6-mil poly liner adjacent to the excavation. Due to safety concerns, excavation activities were halted to allow Targa Resources (Targa) to re-route a twelve (12) inch gas pipeline crossing the Plains North Monument 6-Inch pipeline. In December 2007, Targa successfully re-routed the gas pipeline and excavation activities continued. On December 26, 2007 through February 6, 2008, hydrocarbon impacted soil was excavated at the release site.

On February 6, 2008, fifteen (15) confirmation soil samples (N/W #1 16', N/W #2 8', N/W #3 16', N/W #4 7', S/W #1 15', S/W #2 12', S/W #3 16', S/W #4 7', E/W #1 16', E/W #2 8', W/W #1 16' and W/W #2 7') were collected from the excavation sidewalls ranging in depth from approximately 7 to 18 feet bgs. Soil samples (E FLR 18' and W FLR 18') were collected from the floor of the excavation at approximately 18 feet bgs. Based on elevated PID readings from the W FLR 18' soil sample, the area was trenched to an approximate depth of 21 feet bgs and a soil sample (W FLR 21') was collected and submitted to the laboratory. All soil samples were analyzed for concentrations of benzene, toluene, ethylbenzene and xylene (BTEX) using method EPA 8021b and total petroleum hydrocarbons (TPH) using method SW8015 modified. A summary of the analytical results are included in Table 1, Concentrations of BTEX and TPH in Soil. Laboratory results are included in Appendix A and soil samples locations are depicted on Figure 3, Sample Location Map.

The analytical results indicated benzene concentrations were either below the NMOCD regulatory standard or not detected above laboratory method detection limit (MDL) of <0.0100 mg/Kg for all of the soil samples collected. The analytical results indicated BTEX concentrations were either below the NMOCD regulatory standard or not detected above the MDL of <0.0100 mg/Kg for all of the soil samples collected.

The analytical results indicated TPH concentrations were below the MDL of <50 mg/Kg for all soil samples collected, with the exception of the soil samples W FLR 18' and W FLR 21'. The analytical results indicated soil samples W FLR 18' and W FLR 21' exhibited TPH concentrations of 454 mg/Kg and 115.6 mg/Kg, respectively. The TPH concentration exhibited in the W FLR 21' soil sample was slightly above the NMOCD standard at 115.6 mg/Kg, however, soil sample results are within the laboratory margin of error reporting parameters and were approved by the NMOCD Hobbs District Office.

Following excavation of the hydrocarbon impacted soil, a baseline stockpile soil sample (Stockpile) was collected and submitted for laboratory analysis. The analytical results indicated soil sample Stockpile exhibited a benzene concentration below the MDL of <0.1000 mg/Kg, BTEX concentration was below the NMOCD regulatory standard and the TPH concentration was 3,143 mg/Kg.

On March 11, 2008 the NMOCD Hobbs District Office approved the Preliminary Site Investigation Report and Remediation/Closure Plan, dated February 27, 2008, for the idled North Monument 6-Inch release site.

In March 2008, the west floor of the excavation was completed to a total depth of 21 feet bgs. Approximately 2,436 cubic yards (cy) of impacted soil was stockpiled adjacent to the excavation pending transportation to the C & C Landfarm. An additional 300 cy of segregated non-impacted overburden soil was stockpiled on-site to be utilized as topsoil material during backfilling activities. The final dimensions of the excavation were approximately 45 feet in width (north to south) and 80 feet in length (west to east) and 21 feet bgs in depth.

Based on the analytical results of the stockpiled soil, approximately 2,436 cy of impacted soil was transported to C & C Landfarm (NMOCD Permit NM-01-0012) and non-impacted backfill material was purchased from a local landowner. The excavation was backfilled with the locally purchased soil and the segregated stockpile soil and contoured to match the surrounding topography. In October 2008, the remediation site was seeded with vegetation suitable to the landowner.

SITE CLOSURE REQUEST

Based on the analytical results of confirmation soil samples collected from the floor and sidewalls of the excavation, Basin recommends Plains provide the NMOCD Hobbs District Office a copy of this Remediation Summary and Site Closure Request and request the NMOCD grant site closure to the idled North Monument 6-Inch release site.

LIMITATIONS

Basin Environmental Service Technologies, LLC has prepared this Remediation Summary and Site Closure Request to the best of its ability. No other warranty, expressed or implied, is made or intended.

Basin Environmental Service Technologies, LLC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. Basin Environmental Service Technologies, LLC 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. Basin Environmental Service Technologies, LLC has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Basin Environmental Service Technologies, LLC 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 Plains Marketing, L.P. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Basin Environmental Service Technologies, LLC and/or Plains Marketing, L.P.

DISTRIBUTION:

Copy 1: Larry Johnson
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division (District 1)
1625 French Drive
Hobbs, New Mexico 88240

Copy 2: Jeff Dann
Plains Marketing, L.P.
333 Clay Street, Suite 1600
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jpdann@paalp.com

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Lovington, New Mexico 88260
cjbryant@basin-consulting.com

Figures

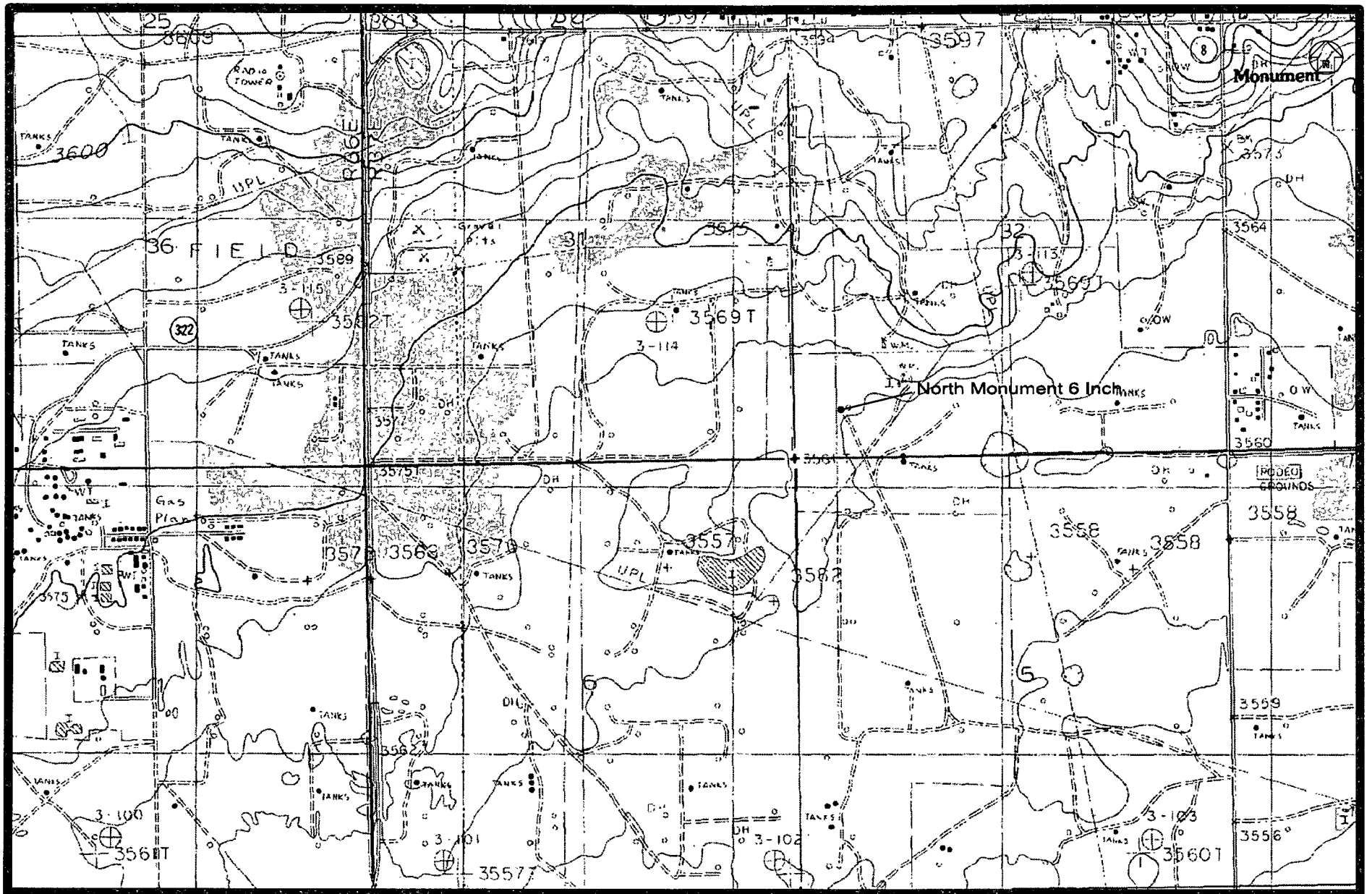
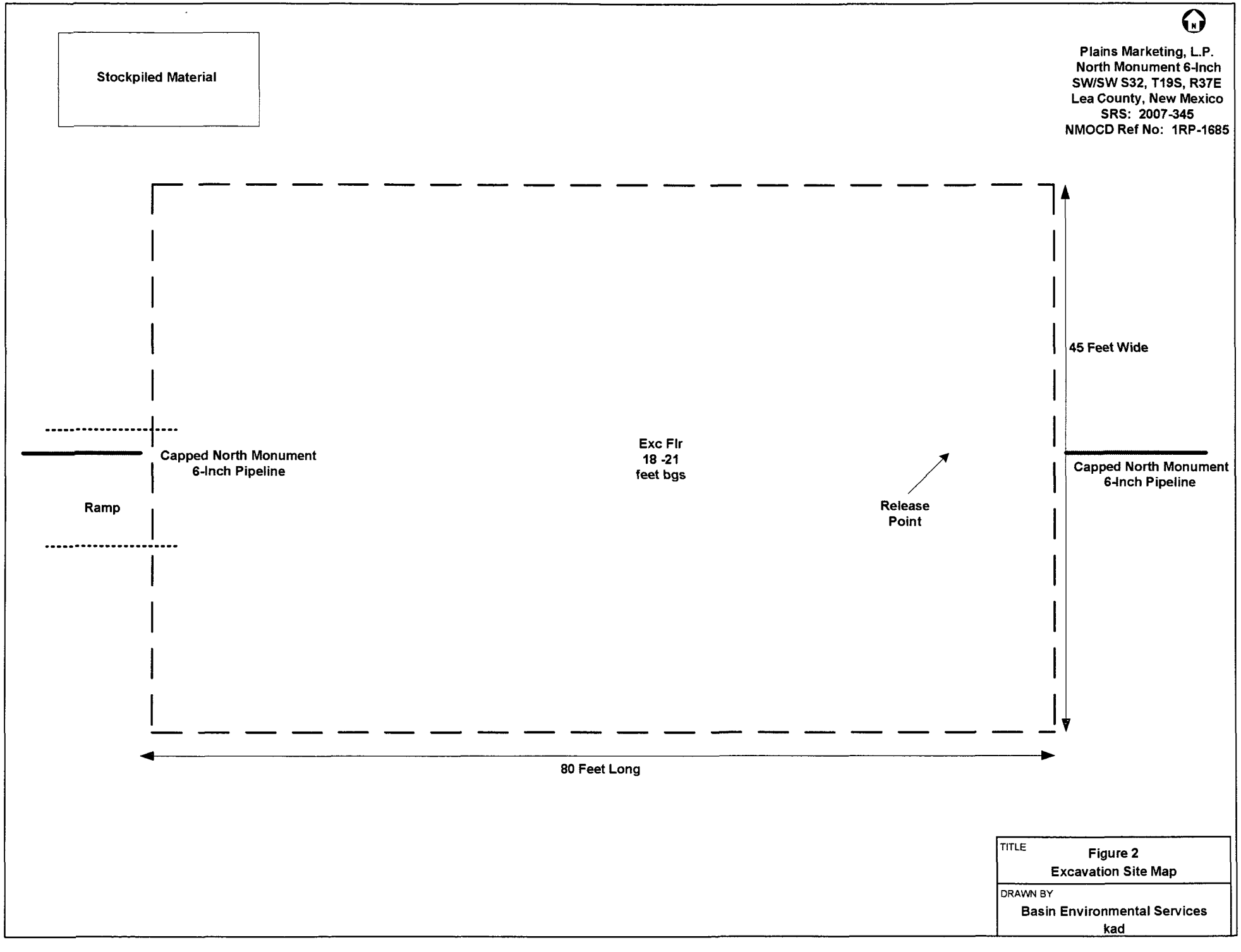
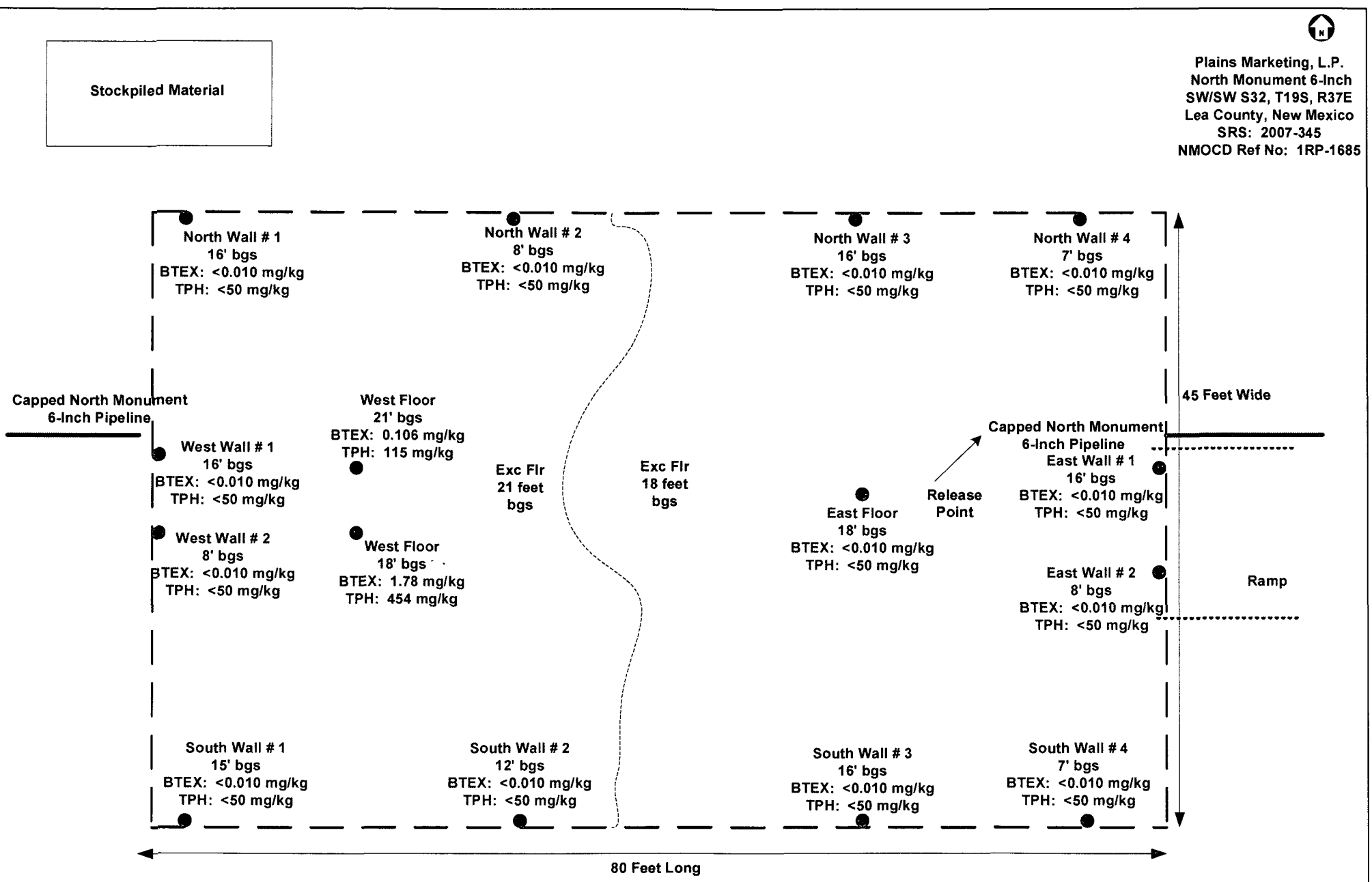


Figure 1
Site Location Map
North Monument 6 Inch
Plains Marketing, L.P.
Lea County, New Mexico
SRS #2007-345
1RP-1685

Basin Environmental Services

Prep By: CDS	Checked By: CJB
October 20, 2008	Scale 1"=2000'


Stockpiled Material
Plains Marketing, L.P.
North Monument 6-Inch
SW/SW S32, T19S, R37E
Lea County, New Mexico
SRS: 2007-345
NMOCD Ref No: 1RP-1685
45 Feet Wide
Capped North Monument
6-Inch Pipeline
Exc Flr
18 -21
feet bgs
Release
Point
Capped North Monument
6-Inch Pipeline
Ramp
80 Feet Long
TITLE
Figure 2
Excavation Site Map
DRAWN BY
Basin Environmental Services
kad


Stockpiled Material
Plains Marketing, L.P.
North Monument 6-Inch
SW/SW S32, T19S, R37E
Lea County, New Mexico
SRS: 2007-345
NMOCD Ref No: 1RP-1685
North Wall # 1
16' bgs
BTEX: <0.010 mg/kg
TPH: <50 mg/kg
North Wall # 2
8' bgs
BTEX: <0.010 mg/kg
TPH: <50 mg/kg
North Wall # 3
16' bgs
BTEX: <0.010 mg/kg
TPH: <50 mg/kg
North Wall # 4
7' bgs
BTEX: <0.010 mg/kg
TPH: <50 mg/kg
Capped North Monument
6-Inch Pipeline
West Floor
21' bgs
BTEX: 0.106 mg/kg
TPH: 115 mg/kg
Exc Flr
21 feet
bgs
Exc Flr
18 feet
bgs
45 Feet Wide
Capped North Monument
6-Inch Pipeline
East Wall # 1
16' bgs
BTEX: <0.010 mg/kg
TPH: <50 mg/kg
West Wall # 1
16' bgs
BTEX: <0.010 mg/kg
TPH: <50 mg/kg
East Floor
18' bgs
BTEX: <0.010 mg/kg
TPH: <50 mg/kg
Release
Point
West Wall # 2
8' bgs
BTEX: <0.010 mg/kg
TPH: <50 mg/kg
West Floor
18' bgs
BTEX: 1.78 mg/kg
TPH: 454 mg/kg
East Wall # 2
8' bgs
BTEX: <0.010 mg/kg
TPH: <50 mg/kg
Ramp
South Wall # 1
15' bgs
BTEX: <0.010 mg/kg
TPH: <50 mg/kg
South Wall # 2
12' bgs
BTEX: <0.010 mg/kg
TPH: <50 mg/kg
South Wall # 3
16' bgs
BTEX: <0.010 mg/kg
TPH: <50 mg/kg
South Wall # 4
7' bgs
BTEX: <0.010 mg/kg
TPH: <50 mg/kg
80 Feet Long
TITLE
Figure 3
Sample Location Map
DRAWN BY
Basin Environmental Services
kad

Tables

TABLE 1

CONCENTRATIONS OF BTEX AND TPH IN SOIL

PLAINS MARKETING, L.P.
NORTH MONUMENT 6-INCH
LEA COUNTY, NEW MEXICO
PLAINS SRS: 2007-345
NMOCD REFERENCE NO: 1RP-1685

SAMPLE LOCATION	SAMPLE DEPTH (Below normal surface grade)	SAMPLE DATE	DATE ANALYZED	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030				METHOD: 8015M		TOTAL TPH
					BENZENE	TOLUENE	ETHYL-BENZENE	XYLENE	GRO	DRO	
					(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
N/W # 1 16'	16' bgs	02/06/08	02/12/08	In-Situ	<0.0100	<0.010	<0.0100	<0.0100	<1	<50	<50
N/W # 2 8'	8' bgs	02/06/08	02/12/08	In-Situ	<0.0100	<0.010	<0.0100	<0.0100	<1	<50	<50
N/W # 3 16'	16' bgs	02/06/08	02/12/08	In-Situ	<0.0100	<0.010	<0.0100	<0.0100	<1	<50	<50
N/W # 4 7'	7' bgs	02/06/08	02/12/08	In-Situ	<0.0100	<0.010	<0.0100	<0.0100	<1	<50	<50
S/W # 1 15'	15' bgs	02/06/08	02/12/08	In-Situ	<0.0100	<0.010	<0.0100	<0.0100	<1	<50	<50
S/W # 2 12'	12' bgs	02/06/08	02/12/08	In-Situ	<0.0100	<0.010	<0.0100	<0.0100	<1	<50	<50
S/W # 3 16'	16' bgs	02/06/08	02/12/08	In-Situ	<0.0100	<0.010	<0.0100	<0.0100	<1	<50	<50
S/W # 4 7'	7' bgs	02/06/08	02/12/08	In-Situ	<0.0100	<0.010	<0.0100	<0.0100	<1	<50	<50
E/W # 1 16'	16' bgs	02/06/08	02/12/08	In-Situ	<0.0100	<0.010	<0.0100	<0.0100	<1	<50	<50
E/W # 2 8'	8' bgs	02/06/08	02/12/08	In-Situ	<0.0100	<0.010	<0.0100	<0.0100	<1	<50	<50
W/W # 1 16'	16' bgs	02/06/08	02/12/08	In-Situ	<0.0100	<0.010	<0.0100	<0.0100	<1	<50	<50
W/W # 2 7'	7' bgs	02/06/08	02/12/08	In-Situ	<0.0100	<0.010	<0.0100	<0.0100	<1	<50	<50
E FLR 18'	18' bgs	02/06/08	02/12/08	In-Situ	<0.0100	<0.010	<0.0100	<0.0100	<1	<50	<50
W FLR 18'	18' bgs	02/06/08	02/12/08	Excavated	0.0510	<0.050	0.576	1.16	253	201	**454**
STOCKPILE	N/A	02/06/08	02/12/08	Transported	<0.100	<0.100	1.04	4.74	703	2440	**3143**
W FLR 21'	21' bgs	02/06/08	02/18/08	In-Situ	<0.0100	<0.010	0.0477	0.0595	22.1	93.5	115.6
NMOCD Criteria					**10**	**TOTAL BTEX 50**					**100**

Appendices

Appendix A
Laboratory Reports

TRACEANALYSIS, INC.

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

Analytical and Quality Control Report

Ken Dutton
Basin Environmental Service Tech LLC
P.O. Box 301
Lovington, NM, 88260

Report Date: February 15, 2008

Work Order: 8020836

Project Location: Lea County, NM
Project Name: North Monument 6 inch
Project Number: SRS 2007-345

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
150160	N/W #1 16'	soil	2008-02-06	14:00	2008-02-08
150161	N/W #2 8'	soil	2008-02-06	14:10	2008-02-08
150162	N/W #3 16'	soil	2008-02-06	14:20	2008-02-08
150163	N/W #4 7'	soil	2008-02-06	14:30	2008-02-08
150164	S/W #1 15'	soil	2008-02-06	14:40	2008-02-08
150165	S/W #2 12'	soil	2008-02-06	14:50	2008-02-08
150166	S/W #3 16'	soil	2008-02-06	15:00	2008-02-08
150167	S/W #4 7'	soil	2008-02-06	15:10	2008-02-08
150168	E/W #1 16'	soil	2008-02-06	15:20	2008-02-08
150169	E/W #2 8'	soil	2008-02-06	15:30	2008-02-08
150170	W/W #1 16'	soil	2008-02-06	15:40	2008-02-08
150171	W/W #2 7'	soil	2008-02-06	15:50	2008-02-08
150172	E FLR 18'	soil	2008-02-06	16:00	2008-02-08
150174	W FLR 18'	soil	2008-02-06	16:20	2008-02-08
150176	Stockpile	soil	2008-02-06	16:40	2008-02-08

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.

Analytical Report

Sample: 150160 - N/W #1 16'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	45437	Date Analyzed:	2008-02-08	Analyzed By:	KB
Prep Batch:	39132	Sample Preparation:	2008-02-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.875	mg/Kg	1	1.00	88	67.4 - 126
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	1	1.00	104	59.2 - 162

Sample: 150160 - N/W #1 16'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	45419	Date Analyzed:	2008-02-09	Analyzed By:	TG
Prep Batch:	39119	Sample Preparation:	2008-02-08	Prepared By:	TG

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-Triacontane		107	mg/Kg	1	100	107	33.3 - 164

Sample: 150160 - N/W #1 16'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	45526	Date Analyzed:	2008-02-12	Analyzed By:	MT
Prep Batch:	39202	Sample Preparation:	2008-02-12	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.948	mg/Kg	1	1.00	95	75.6 - 128
4-Bromofluorobenzene (4-BFB)		1.17	mg/Kg	1	1.00	117	78.5 - 139

Sample: 150161 - N/W #2 8'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	45437	Date Analyzed:	2008-02-08	Analyzed By:	KB
Prep Batch:	39132	Sample Preparation:	2008-02-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.858	mg/Kg	1	1.00	86	67.4 - 126
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	1	1.00	102	59.2 - 162

Sample: 150161 - N/W #2 8'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	45419	Date Analyzed:	2008-02-09	Analyzed By:	TG
Prep Batch:	39119	Sample Preparation:	2008-02-08	Prepared By:	TG

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-Triacontane		110	mg/Kg	1	100	110	33.3 - 164

Sample: 150161 - N/W #2 8'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	45526	Date Analyzed:	2008-02-12	Analyzed By:	MT
Prep Batch:	39202	Sample Preparation:	2008-02-12	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.957	mg/Kg	1	1.00	96	75.6 - 128
4-Bromofluorobenzene (4-BFB)		1.19	mg/Kg	1	1.00	119	78.5 - 139

Sample: 150162 - N/W #3 16'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	45437	Date Analyzed:	2008-02-08	Analyzed By:	KB
Prep Batch:	39132	Sample Preparation:	2008-02-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.944	mg/Kg	1	1.00	94	67.4 - 126
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	1	1.00	109	59.2 - 162

Sample: 150162 - N/W #3 16'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	45419	Date Analyzed:	2008-02-09	Analyzed By:	TG
Prep Batch:	39119	Sample Preparation:	2008-02-08	Prepared By:	TG

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-Triacontane		91.6	mg/Kg	1	100	92	33.3 - 164

Sample: 150162 - N/W #3 16'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	45526	Date Analyzed:	2008-02-12	Analyzed By:	MT
Prep Batch:	39202	Sample Preparation:	2008-02-12	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.09	mg/Kg	1	1.00	109	75.6 - 128
4-Bromofluorobenzene (4-BFB)		1.32	mg/Kg	1	1.00	132	78.5 - 139

Sample: 150163 - N/W #4 7'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	45437	Date Analyzed:	2008-02-08	Analyzed By:	KB
Prep Batch:	39132	Sample Preparation:	2008-02-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.935	mg/Kg	1	1.00	94	67.4 - 126
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	1	1.00	110	59.2 - 162

Sample: 150163 - N/W #4 7'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	45419	Date Analyzed:	2008-02-09	Analyzed By:	TG
Prep Batch:	39119	Sample Preparation:	2008-02-08	Prepared By:	TG

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-Triacontane		104	mg/Kg	1	100	104	33.3 - 164

Sample: 150163 - N/W #4 7'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	45526	Date Analyzed:	2008-02-12	Analyzed By:	MT
Prep Batch:	39202	Sample Preparation:	2008-02-12	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.10	mg/Kg	1	1.00	110	75.6 - 128
4-Bromofluorobenzene (4-BFB)		1.25	mg/Kg	1	1.00	125	78.5 - 139

Sample: 150164 - S/W #1 15'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	45437	Date Analyzed:	2008-02-08	Analyzed By:	KB
Prep Batch:	39132	Sample Preparation:	2008-02-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.996	mg/Kg	1	1.00	100	67.4 - 126
4-Bromofluorobenzene (4-BFB)		1.18	mg/Kg	1	1.00	118	59.2 - 162

Sample: 150164 - S/W #1 15'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	45419	Date Analyzed:	2008-02-09	Analyzed By:	TG
Prep Batch:	39119	Sample Preparation:	2008-02-08	Prepared By:	TG

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-Triacontane		93.1	mg/Kg	1	100	93	33.3 - 164

Sample: 150164 - S/W #1 15'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	45526	Date Analyzed:	2008-02-12	Analyzed By:	MT
Prep Batch:	39202	Sample Preparation:	2008-02-12	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.982	mg/Kg	1	1.00	98	75.6 - 128
4-Bromofluorobenzene (4-BFB)		1.18	mg/Kg	1	1.00	118	78.5 - 139

Sample: 150165 - S/W #2 12'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	45437	Date Analyzed:	2008-02-08	Analyzed By:	KB
Prep Batch:	39132	Sample Preparation:	2008-02-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.951	mg/Kg	1	1.00	95	67.4 - 126
4-Bromofluorobenzene (4-BFB)		1.12	mg/Kg	1	1.00	112	59.2 - 162

Sample: 150165 - S/W #2 12'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	45419	Date Analyzed:	2008-02-09	Analyzed By:	TG
Prep Batch:	39119	Sample Preparation:	2008-02-08	Prepared By:	TG

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-Triacontane		108	mg/Kg	1	100	108	33.3 - 164

Sample: 150165 - S/W #2 12'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	45526	Date Analyzed:	2008-02-12	Analyzed By:	MT
Prep Batch:	39202	Sample Preparation:	2008-02-12	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.988	mg/Kg	1	1.00	99	75.6 - 128
4-Bromofluorobenzene (4-BFB)		1.19	mg/Kg	1	1.00	119	78.5 - 139

Sample: 150166 - S/W #3 16'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	45437	Date Analyzed:	2008-02-08	Analyzed By:	KB
Prep Batch:	39132	Sample Preparation:	2008-02-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.908	mg/Kg	1	1.00	91	67.4 - 126
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	1	1.00	108	59.2 - 162

Sample: 150166 - S/W #3 16'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	45419	Date Analyzed:	2008-02-09	Analyzed By:	TG
Prep Batch:	39119	Sample Preparation:	2008-02-08	Prepared By:	TG

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-Triacontane		106	mg/Kg	1	100	106	33.3 - 164

Sample: 150166 - S/W #3 16'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	45526	Date Analyzed:	2008-02-12	Analyzed By:	MT
Prep Batch:	39202	Sample Preparation:	2008-02-12	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.06	mg/Kg	1	1.00	106	75.6 - 128
4-Bromofluorobenzene (4-BFB)		1.24	mg/Kg	1	1.00	124	78.5 - 139

Sample: 150167 - S/W #4 7'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	45437	Date Analyzed:	2008-02-08	Analyzed By:	KB
Prep Batch:	39132	Sample Preparation:	2008-02-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.944	mg/Kg	1	1.00	94	67.4 - 126
4-Bromofluorobenzene (4-BFB)		1.10	mg/Kg	1	1.00	110	59.2 - 162

Sample: 150167 - S/W #4 7'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	45419	Date Analyzed:	2008-02-09	Analyzed By:	TG
Prep Batch:	39119	Sample Preparation:	2008-02-08	Prepared By:	TG

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-Triacontane		99.5	mg/Kg	1	100	100	33.3 - 164

Sample: 150167 - S/W #4 7'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	45526	Date Analyzed:	2008-02-12	Analyzed By:	MT
Prep Batch:	39202	Sample Preparation:	2008-02-12	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.04	mg/Kg	1	1.00	104	75.6 - 128
4-Bromofluorobenzene (4-BFB)		1.24	mg/Kg	1	1.00	124	78.5 - 139

Sample: 150168 - E/W #1 16'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	45437	Date Analyzed:	2008-02-08	Analyzed By:	KB
Prep Batch:	39132	Sample Preparation:	2008-02-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.853	mg/Kg	1	1.00	85	67.4 - 126
4-Bromofluorobenzene (4-BFB)		1.01	mg/Kg	1	1.00	101	59.2 - 162

Sample: 150168 - E/W #1 16'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	45419	Date Analyzed:	2008-02-09	Analyzed By:	TG
Prep Batch:	39119	Sample Preparation:	2008-02-08	Prepared By:	TG

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-Triacontane		106	mg/Kg	1	100	106	33.3 - 164

Sample: 150168 - E/W #1 16'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	45526	Date Analyzed:	2008-02-12	Analyzed By:	MT
Prep Batch:	39202	Sample Preparation:	2008-02-12	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.861	mg/Kg	1	1.00	86	75.6 - 128
4-Bromofluorobenzene (4-BFB)		1.08	mg/Kg	1	1.00	108	78.5 - 139

Sample: 150169 - E/W #2 8'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	45437	Date Analyzed:	2008-02-08	Analyzed By:	KB
Prep Batch:	39132	Sample Preparation:	2008-02-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.852	mg/Kg	1	1.00	85	67.4 - 126
4-Bromofluorobenzene (4-BFB)		1.00	mg/Kg	1	1.00	100	59.2 - 162

Sample: 150169 - E/W #2 8'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	45419	Date Analyzed:	2008-02-09	Analyzed By:	TG
Prep Batch:	39119	Sample Preparation:	2008-02-08	Prepared By:	TG

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-Triacontane		145	mg/Kg	1	100	145	33.3 - 164

Sample: 150169 - E/W #2 8'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	45526	Date Analyzed:	2008-02-12	Analyzed By:	MT
Prep Batch:	39202	Sample Preparation:	2008-02-12	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.00	mg/Kg	1	1.00	100	75.6 - 128
4-Bromofluorobenzene (4-BFB)		1.17	mg/Kg	1	1.00	117	78.5 - 139

Sample: 150170 - W/W #1 16'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	45437	Date Analyzed:	2008-02-08	Analyzed By:	KB
Prep Batch:	39132	Sample Preparation:	2008-02-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.910	mg/Kg	1	1.00	91	67.4 - 126
4-Bromofluorobenzene (4-BFB)		1.09	mg/Kg	1	1.00	109	59.2 - 162

Sample: 150170 - W/W #1 16'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	45419	Date Analyzed:	2008-02-09	Analyzed By:	TG
Prep Batch:	39119	Sample Preparation:	2008-02-08	Prepared By:	TG

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-Triacontane		103	mg/Kg	1	100	103	33.3 - 164

Sample: 150170 - W/W #1 16'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	45526	Date Analyzed:	2008-02-12	Analyzed By:	MT
Prep Batch:	39202	Sample Preparation:	2008-02-12	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.03	mg/Kg	1	1.00	103	75.6 - 128
4-Bromofluorobenzene (4-BFB)		1.22	mg/Kg	1	1.00	122	78.5 - 139

Sample: 150171 - W/W #2 7'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	45437	Date Analyzed:	2008-02-08	Analyzed By:	KB
Prep Batch:	39132	Sample Preparation:	2008-02-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.870	mg/Kg	1	1.00	87	67.4 - 126
4-Bromofluorobenzene (4-BFB)		1.01	mg/Kg	1	1.00	101	59.2 - 162

Sample: 150171 - W/W #2 7'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	45419	Date Analyzed:	2008-02-09	Analyzed By:	TG
Prep Batch:	39119	Sample Preparation:	2008-02-08	Prepared By:	TG

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-Triacontane		90.7	mg/Kg	1	100	91	33.3 - 164

Sample: 150171 - W/W #2 7'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	45526	Date Analyzed:	2008-02-12	Analyzed By:	MT
Prep Batch:	39202	Sample Preparation:	2008-02-12	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.03	mg/Kg	1	1.00	103	75.6 - 128
4-Bromofluorobenzene (4-BFB)		1.29	mg/Kg	1	1.00	129	78.5 - 139

Sample: 150172 - E FLR 18'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	45437	Date Analyzed:	2008-02-08	Analyzed By:	KB
Prep Batch:	39132	Sample Preparation:	2008-02-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.870	mg/Kg	1	1.00	87	67.4 - 126
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	1	1.00	105	59.2 - 162

Sample: 150172 - E FLR 18'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	45419	Date Analyzed:	2008-02-09	Analyzed By:	TG
Prep Batch:	39119	Sample Preparation:	2008-02-08	Prepared By:	TG

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-Triacontane		94.2	mg/Kg	1	100	94	33.3 - 164

Sample: 150172 - E FLR 18'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	45526	Date Analyzed:	2008-02-12	Analyzed By:	MT
Prep Batch:	39202	Sample Preparation:	2008-02-12	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.922	mg/Kg	1	1.00	92	75.6 - 128
4-Bromofluorobenzene (4-BFB)		1.16	mg/Kg	1	1.00	116	78.5 - 139

Sample: 150174 - W FLR 18'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	45437	Date Analyzed:	2008-02-08	Analyzed By:	KB
Prep Batch:	39132	Sample Preparation:	2008-02-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.0510**	mg/Kg	5	0.0100
Toluene		<0.0500	mg/Kg	5	0.0100
Ethylbenzene		**0.576**	mg/Kg	5	0.0100
Xylene		**1.16**	mg/Kg	5	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.818	mg/Kg	5	1.00	82	67.4 - 126
4-Bromofluorobenzene (4-BFB)	[1]	2.06	mg/Kg	5	1.00	206	59.2 - 162

Sample: 150174 - W FLR 18'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	45419	Date Analyzed:	2008-02-09	Analyzed By:	TG
Prep Batch:	39119	Sample Preparation:	2008-02-08	Prepared By:	TG

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**201**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		102	mg/Kg	1	100	102	33.3 - 164

Sample: 150174 - W FLR 18'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	45526	Date Analyzed:	2008-02-12	Analyzed By:	MT
Prep Batch:	39202	Sample Preparation:	2008-02-12	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**253**	mg/Kg	20	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.02	mg/Kg	20	1.00	102	75.6 - 128
4-Bromofluorobenzene (4-BFB)	[2]	5.15	mg/Kg	20	1.00	515	78.5 - 139

[1] High surrogate recovery due to peak interference.
[2] High surrogate recovery due to peak interference.

Sample: 150176 - Stockpile

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	45437	Date Analyzed:	2008-02-08	Analyzed By:	KB
Prep Batch:	39132	Sample Preparation:	2008-02-08	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene	[3]	<0.100	mg/Kg	10	0.0100
Toluene		<0.100	mg/Kg	10	0.0100
Ethylbenzene		**1.04**	mg/Kg	10	0.0100
Xylene		**4.74**	mg/Kg	10	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.884	mg/Kg	10	1.00	88	67.4 - 126
4-Bromofluorobenzene (4-BFB)	[4]	1.57	mg/Kg	10	1.00	157	59.2 - 162

Sample: 150176 - Stockpile

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	45419	Date Analyzed:	2008-02-09	Analyzed By:	TG
Prep Batch:	39119	Sample Preparation:	2008-02-08	Prepared By:	TG

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**2440**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	[5]	334	mg/Kg	1	100	334	33.3 - 164

Sample: 150176 - Stockpile

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	45526	Date Analyzed:	2008-02-12	Analyzed By:	MT
Prep Batch:	39202	Sample Preparation:	2008-02-12	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**703**	mg/Kg	20	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.933	mg/Kg	20	1.00	93	75.6 - 128
4-Bromofluorobenzene (4-BFB)	[6]	10.1	mg/Kg	20	1.00	1010	78.5 - 139

[3]Sample ran at dilution due to hydrocarbons with a retention time greater than xylene.
[4]High surrogate recovery due to peak interference.
[5]High surrogate recovery due to peak interference.
[6]High surrogate recovery due to peak interference.

Method Blank (1) QC Batch: 45419

QC Batch: 45419 | Date Analyzed: 2008-02-09 | Analyzed By: TG
Prep Batch: 39119 | QC Preparation: 2008-02-08 | Prepared By: TG

Parameter	Flag	MDL Result	Units	RL
DRO		<22.3	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		99.7	mg/Kg	1	100	100	33.3 - 164

Method Blank (1) QC Batch: 45437

QC Batch: 45437 | Date Analyzed: 2008-02-08 | Analyzed By: KB
Prep Batch: 39132 | QC Preparation: 2008-02-08 | Prepared By: KB

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00333	mg/Kg	0.01
Toluene		<0.00372	mg/Kg	0.01
Ethylbenzene		<0.00206	mg/Kg	0.01
Xylene		0.00660	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.03	mg/Kg	1	1.00	103	70.4 - 111
4-Bromofluorobenzene (4-BFB)	[7]	1.14	mg/Kg	1	1.00	114	42.4 - 99.7

Method Blank (1) QC Batch: 45526

QC Batch: 45526 | Date Analyzed: 2008-02-12 | Analyzed By: MT
Prep Batch: 39202 | QC Preparation: 2008-02-12 | Prepared By: MT

Parameter	Flag	MDL Result	Units	RL
GRO		<0.459	mg/Kg	1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.932	mg/Kg	1	1.00	93	85 - 116
4-Bromofluorobenzene (4-BFB)		0.820	mg/Kg	1	1.00	82	45.2 - 98.8

Laboratory Control Spike (LCS-1)

QC Batch: 45419 | Date Analyzed: 2008-02-09 | Analyzed By: TG
Prep Batch: 39119 | QC Preparation: 2008-02-08 | Prepared By: TG

[7]BFB surrogate recovery outside control limits but within method limits. •

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	250	mg/Kg	1	250	<22.3	100	54.3 - 149

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	293	mg/Kg	1	250	<22.3	117	54.3 - 149	16	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-Triacontane	103	122	mg/Kg	1	100	103	122	33.3 - 164

Laboratory Control Spike (LCS-1)

QC Batch: 45437 | Date Analyzed: 2008-02-08 | Analyzed By: KB
Prep Batch: 39132 | QC Preparation: 2008-02-08 | Prepared By: KB

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.982	mg/Kg	1	1.00	<0.00333	98	77.2 - 116
Toluene	0.989	mg/Kg	1	1.00	<0.00372	99	77.4 - 116
Ethylbenzene	0.985	mg/Kg	1	1.00	<0.00206	98	77.4 - 112
Xylene	2.95	mg/Kg	1	3.00	0.0066	98	78.8 - 111

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	0.990	mg/Kg	1	1.00	<0.00333	99	77.2 - 116	1	20
Toluene	1.00	mg/Kg	1	1.00	<0.00372	100	77.4 - 116	1	20
Ethylbenzene	1.00	mg/Kg	1	1.00	<0.00206	100	77.4 - 112	2	20
Xylene	3.00	mg/Kg	1	3.00	0.0066	100	78.8 - 111	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)	0.933	0.959	mg/Kg	1	1.00	93	96	74.2 - 114
4-Bromofluorobenzene (4-BFB)	0.976	0.980	mg/Kg	1	1.00	98	98	75.7 - 114

Laboratory Control Spike (LCS-1)

QC Batch: 45526 | Date Analyzed: 2008-02-12 | Analyzed By: MT
Prep Batch: 39202 | QC Preparation: 2008-02-12 | Prepared By: MT

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	8.68	mg/Kg	1	10.0	<0.459	87	76.4 - 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
GRO	9.33	mg/Kg	1	10.0	<0.459	93	76.4 - 115	7	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)	0.912	0.936	mg/Kg	1	1.00	91	94	80.3 - 113
4-Bromofluorobenzene (4-BFB)	0.997	1.04	mg/Kg	1	1.00	100	104	70.7 - 110

Matrix Spike (MS-1) Spiked Sample: 150032

QC Batch: 45419 | Date Analyzed: 2008-02-09 | Analyzed By: TG
Prep Batch: 39119 | QC Preparation: 2008-02-08 | Prepared By: TG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO [8]	1390	mg/Kg	1	250	705	274	35.1 - 161

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 [9]	1050	mg/Kg	1	250	705	138	35.1 - 161	28	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-Triacontane [10 11]	230	168	mg/Kg	1	100	230	168	33.3 - 164

Matrix Spike (MS-1) Spiked Sample: 150160

QC Batch: 45437 | Date Analyzed: 2008-02-08 | Analyzed By: KB
Prep Batch: 39132 | QC Preparation: 2008-02-08 | Prepared By: KB

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.825	mg/Kg	1	1.00	<0.00333	82	10 - 159
Toluene	0.888	mg/Kg	1	1.00	<0.00372	89	10 - 170
Ethylbenzene	0.979	mg/Kg	1	1.00	<0.00206	98	10 - 181
Xylene	3.00	mg/Kg	1	3.00	<0.00259	100	10 - 184

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
Benzene	0.872	mg/Kg	1	1.00	<0.00333	87	10 - 159	6	20
Toluene	0.930	mg/Kg	1	1.00	<0.00372	93	10 - 170	5	20

continued ...

[8] Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.
[9] MS/MSD RPD out of RPD Limits. Use LCS/LCSD to demonstrate analysis is under control.
[10] High surrogate recovery due to peak interference.
[11] High surrogate recovery due to peak interference.

matrix spikes continued ...

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Ethylbenzene	1.02	mg/Kg	1	1.00	<0.00206	102	10 - 181	4	20
Xylene	3.14	mg/Kg	1	3.00	<0.00259	105	10 - 184	5	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)	0.853	0.894	mg/Kg	1	1	85	89	66.1 - 117
4-Bromofluorobenzene (4-BFB)	1.08	1.12	mg/Kg	1	1	108	112	63.8 - 146

Matrix Spike (MS-1) Spiked Sample: 150160

QC Batch: 45526 | Date Analyzed: 2008-02-12 | Analyzed By: MT
Prep Batch: 39202 | QC Preparation: 2008-02-12 | Prepared By: MT

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	9.36	mg/Kg	1	10.0	<0.459	94	40.1 - 154

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	9.41	mg/Kg	1	10.0	<0.459	94	40.1 - 154	0	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)	0.948	0.863	mg/Kg	1	1	95	86	16.6 - 155
4-Bromofluorobenzene (4-BFB)	1.33	1.26	mg/Kg	1	1	133	126	40.1 - 176

Standard (ICV-1)

QC Batch: 45419 | Date Analyzed: 2008-02-09 | Analyzed By: TG

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	237	95	85 - 115	2008-02-09

Standard (CCV-1)

QC Batch: 45419 | Date Analyzed: 2008-02-09 | Analyzed By: TG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	241	96	85 - 115	2008-02-09

Standard (CCV-2)

QC Batch: 45419 | Date Analyzed: 2008-02-09 | Analyzed By: TG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	239	96	85 - 115	2008-02-09

Standard (CCV-3)

QC Batch: 45419 | Date Analyzed: 2008-02-09 | Analyzed By: TG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	276	110	85 - 115	2008-02-09

Standard (ICV-1)

QC Batch: 45437 | Date Analyzed: 2008-02-08 | Analyzed By: KB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0997	100	85 - 115	2008-02-08
Toluene		mg/Kg	0.100	0.0998	100	85 - 115	2008-02-08
Ethylbenzene		mg/Kg	0.100	0.0990	99	85 - 115	2008-02-08
Xylene		mg/Kg	0.300	0.297	99	85 - 115	2008-02-08

Standard (CCV-1)

QC Batch: 45437 | Date Analyzed: 2008-02-08 | Analyzed By: KB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.100	100	85 - 115	2008-02-08
Toluene		mg/Kg	0.100	0.101	101	85 - 115	2008-02-08
Ethylbenzene		mg/Kg	0.100	0.101	101	85 - 115	2008-02-08
Xylene		mg/Kg	0.300	0.302	101	85 - 115	2008-02-08

Standard (ICV-1)

QC Batch: 45526 | Date Analyzed: 2008-02-12 | Analyzed By: MT

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	0.918	92	85 - 115	2008-02-12

Standard (CCV-1)

QC Batch: 45526 | Date Analyzed: 2008-02-12 | Analyzed By: MT

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	0.918	92	85 - 115	2008-02-12

802083 6

TRACE ANALYSIS, INC.

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

5002 Basin Street, Suite A1
Midland, Texas 79703
Phone: 432-689-6301
Fax: 432-689-6313

Project Manager: Ken Dutton PAGE 01 OF 02 Project Name: NORTH MONUMENT 6 INCH

Company Name: Basin Environmental Service Technologies, LLC Project #: SRS: 2007-345

Company Address: P. O. Box 301 Project Loc: Lea County, NM

City/State/Zip: Lovington, NM 88260 PO #: INVOICE TO PLAINS MARKETING

Telephone No: (505) 441-2124 Fax No: (505) 396-1429 Report Format: [X] Standard [ ] TRRP [ ] NPDES

Sampler Signature: Ken Dutton e-mail: kdutton@basinenv.com

(lab use only)
ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Screened	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 8015M	TOTAL: TPH: 418.1 8015M	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides EPA 300.0			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
150 160	N/W # 1 16'			06-Feb-07	1400		1	X								SOIL	X									X								X
161	N/W # 2 8'			06-Feb-07	1410		1	X								SOIL	X									X								X
162	N/W # 3 16'			06-Feb-07	1420		1	X								SOIL	X									X								X
163	N/W # 4 7'			06-Feb-07	1430		1	X								SOIL	X									X								X
164	S/W # 1 15'			06-Feb-07	1440		1	X								SOIL	X									X								X
165	S/W # 2 12'			06-Feb-07	1450		1	X								SOIL	X									X								X
166	S/W # 3 16'			06-Feb-07	1500		1	X								SOIL	X									X								X
167	S/W # 4 7'			06-Feb-07	1510		1	X								SOIL	X									X								X
168	E/W # 1 16'			06-Feb-07	1520		1	X								SOIL	X									X								X
169	E/W # 2 8'			06-Feb-07	1530		1	X								SOIL	X									X								X

Special Instructions:
EMAIL RESULTS: kdutton@basinenv.com & cjreynolds@paalp.com

Relinquished by:	Date	Time	Received by:	Date	Time
Ken Dutton	02/08/08	9:30	Linda Blackwood	02/08/08	9:30
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by: Linda Blackwood	02/08/08	1:10	Received by Trace: Vicki Crowley	2-9-08	1:10

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt: 2 °C

8U 20836

TRACE ANALYSIS, INC.

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

5002 Basin Street, Suite A1
Midland, Texas 79703
Phone: 432-689-6301
Fax: 432-689-6313

Project Manager: Ken Dutton PAGE 02 OF 02

Company Name: Basin Environmental Service Technologies, LLC

Company Address: P. O. Box 301

City/State/Zip: Lovington, NM 88260

Telephone No: (505) 441-2124 Fax No: (505) 396-1429

Sampler Signature: Ken Dutton e-mail: kdutton@basinenv.com

Project Name: NORTH MONUMENT 6 INCH

Project #: SRS: 2007-345

Project Loc: Lea County, NM

PO #: INVOICE TO PLAINS MARKETING

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)

ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Screened	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW = Drinking Water SL = Sludge; GW = Groundwater S = Soil/Soil; NP = Non-Potable Specify Oth	Analyze For: TCLP: TPH: 418.1 8015M	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	TOTAL: BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides EPA 300.0			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
150179	W/W # 1 16'			06-Feb-07	1540		1	X								SOIL	X								X							X
171	W/W # 2 7'			06-Feb-07	1550		1	X								SOIL	X								X							X
172	E FLR 18'			06-Feb-07	1600		1	X								SOIL	X								X							X
173	E FLR # 2 21'			06-Feb-07	1610		1	X								SOIL																
174	W FLR 18'			06-Feb-07	1620		1	X								SOIL	X								X							X
175	W FLR 21'			06-Feb-07	1630		1	X								SOIL																
176	STOCKPILE			06-Feb-07	1640		1	X								SOIL	X								X							X

Special Instructions:

EMAIL RESULTS: kdutton@basinenv.com & cjreynolds@paalp.com

HOLD E FLR 21' & W FLR 21' FOR POSSIBLE ANALYSIS

Relinquished by:	Date	Time	Received by:	Date	Time
Ken Dutton	02/08/08	9:30	Lynda Blackwood	02/8/08	9:30
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by Trace:	Date	Time
Lynda Blackwood	2/8/08	1:10	Erich Kinsley	2-8-08	1:10

2°

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt: 2 °C

TRACEANALYSIS, INC.

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E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Ken Dutton
Basin Environmental Service Tech LLC
P.O. Box 301
Lovington, NM, 88260

Report Date: February 18, 2008

Work Order: 8020836

Project Location: Lea County, NM
Project Name: North Monument 6 inch
Project Number: SRS 2007-345

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
150175	W FLR 21'	soil	2008-02-06	16:30	2008-02-08

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.

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 North Monument 6 inch were received by TraceAnalysis, Inc. on 2008-02-08 and assigned to work order 8020836. Samples for work order 8020836 were received intact at a temperature of 2.0 deg C.

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

Test	Method
BTEX	S 8021B
TPH DRO	Mod. 8015B
TPH GRO	S 8015B

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 8020836 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: 150175 - W FLR 21'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	45633	Date Analyzed:	2008-02-15	Analyzed By:	KB
Prep Batch:	39289	Sample Preparation:	2008-02-15	Prepared By:	KB

Parameter	Flag	Result	RL Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		**0.0477**	mg/Kg	1	0.0100
Xylene		**0.0595**	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[1]	0.654	mg/Kg	1	1.00	65	67.4 - 126
4-Bromofluorobenzene (4-BFB)		0.913	mg/Kg	1	1.00	91	59.2 - 162

Sample: 150175 - W FLR 21'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	45653	Date Analyzed:	2008-02-16	Analyzed By:	TG
Prep Batch:	39303	Sample Preparation:	2008-02-15	Prepared By:	TG

Parameter	Flag	Result	RL Units	Dilution	RL
DRO		**93.5**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		114	mg/Kg	1	100	114	33.3 - 164

Sample: 150175 - W FLR 21'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	45635	Date Analyzed:	2008-02-15	Analyzed By:	KB
Prep Batch:	39289	Sample Preparation:	2008-02-15	Prepared By:	KB

Parameter	Flag	Result	RL Units	Dilution	RL
GRO		**22.1**	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.785	mg/Kg	1	1.00	78	75.6 - 128
4-Bromofluorobenzene (4-BFB)	[2]	1.66	mg/Kg	1	1.00	166	78.5 - 139

[1] Surrogate out due to peak interference.
[2] High surrogate recovery due to peak interference.

Method Blank (1) QC Batch: 45633

QC Batch: 45633 | Date Analyzed: 2008-02-15 | Analyzed By: KB
Prep Batch: 39289 | QC Preparation: 2008-02-15 | Prepared By: KB

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00333	mg/Kg	0.01
Toluene		<0.00372	mg/Kg	0.01
Ethylbenzene		<0.00206	mg/Kg	0.01
Xylene		<0.00259	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.825	mg/Kg	1	1.00	82	70.4 - 111
4-Bromofluorobenzene (4-BFB)		0.625	mg/Kg	1	1.00	62	42.4 - 99.7

Method Blank (1) QC Batch: 45635

QC Batch: 45635 | Date Analyzed: 2008-02-15 | Analyzed By: KB
Prep Batch: 39289 | QC Preparation: 2008-02-15 | Prepared By: KB

Parameter	Flag	MDL Result	Units	RL
GRO		<0.459	mg/Kg	1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.934	mg/Kg	1	1.00	93	85 - 116
4-Bromofluorobenzene (4-BFB)		0.707	mg/Kg	1	1.00	71	45.2 - 98.8

Method Blank (1) QC Batch: 45653

QC Batch: 45653 | Date Analyzed: 2008-02-16 | Analyzed By: TG
Prep Batch: 39303 | QC Preparation: 2008-02-15 | Prepared By: TG

Parameter	Flag	MDL Result	Units	RL
DRO		<22.3	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		98.5	mg/Kg	1	100	98	33.3 - 164

Laboratory Control Spike (LCS-1)

QC Batch: 45633 | Date Analyzed: 2008-02-15 | Analyzed By: KB
Prep Batch: 39289 | QC Preparation: 2008-02-15 | Prepared By: KB

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.922	mg/Kg	1	1.00	<0.00333	92	77.2 - 116
Toluene	0.906	mg/Kg	1	1.00	<0.00372	91	77.4 - 116
Ethylbenzene	0.864	mg/Kg	1	1.00	<0.00206	86	77.4 - 112
Xylene	2.63	mg/Kg	1	3.00	<0.00259	88	78.8 - 111

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	0.982	mg/Kg	1	1.00	<0.00333	98	77.2 - 116	6	20
Toluene	0.959	mg/Kg	1	1.00	<0.00372	96	77.4 - 116	6	20
Ethylbenzene	0.919	mg/Kg	1	1.00	<0.00206	92	77.4 - 112	6	20
Xylene	2.79	mg/Kg	1	3.00	<0.00259	93	78.8 - 111	6	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)	0.845	0.897	mg/Kg	1	1.00	84	90	74.2 - 114
4-Bromofluorobenzene (4-BFB)	0.866	0.920	mg/Kg	1	1.00	87	92	75.7 - 114

Laboratory Control Spike (LCS-1)

QC Batch: 45635 Date Analyzed: 2008-02-15 Analyzed By: KB
Prep Batch: 39289 QC Preparation: 2008-02-15 Prepared By: KB

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	9.06	mg/Kg	1	10.0	<0.459	91	76.4 - 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
GRO	8.58	mg/Kg	1	10.0	<0.459	86	76.4 - 115	5	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)	1.12	0.869	mg/Kg	1	1.00	112	87	80.3 - 113
4-Bromofluorobenzene (4-BFB)	0.950	0.888	mg/Kg	1	1.00	95	89	70.7 - 110

Laboratory Control Spike (LCS-1)

QC Batch: 45653 Date Analyzed: 2008-02-16 Analyzed By: TG
Prep Batch: 39303 QC Preparation: 2008-02-15 Prepared By: TG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	251	mg/Kg	1	250	<22.3	100	54.3 - 149

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	249	mg/Kg	1	250	<22.3	100	54.3 - 149	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
n-Triacontane	94.1	94.3	mg/Kg	1	100	94	94	33.3 - 164

Matrix Spike (MS-1) Spiked Sample: 150545

QC Batch: 45633 | Date Analyzed: 2008-02-15 | Analyzed By: KB
Prep Batch: 39289 | QC Preparation: 2008-02-15 | Prepared By: KB

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.835	mg/Kg	1	1.00	<0.00333	84	10 - 159
Toluene	0.867	mg/Kg	1	1.00	<0.00372	87	10 - 170
Ethylbenzene	0.959	mg/Kg	1	1.00	<0.00206	96	10 - 181
Xylene	2.89	mg/Kg	1	3.00	<0.00259	96	10 - 184

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
Benzene	0.811	mg/Kg	1	1.00	<0.00333	81	10 - 159	3	20
Toluene	0.843	mg/Kg	1	1.00	<0.00372	84	10 - 170	3	20
Ethylbenzene	0.928	mg/Kg	1	1.00	<0.00206	93	10 - 181	3	20
Xylene	2.79	mg/Kg	1	3.00	<0.00259	93	10 - 184	4	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)	0.862	0.795	mg/Kg	1	1	86	80	66.1 - 117
4-Bromofluorobenzene (4-BFB)	1.02	0.975	mg/Kg	1	1	102	98	63.8 - 146

Matrix Spike (MS-1) Spiked Sample: 150537

QC Batch: 45635 | Date Analyzed: 2008-02-15 | Analyzed By: KB
Prep Batch: 39289 | QC Preparation: 2008-02-15 | Prepared By: KB

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	9.93	mg/Kg	1	10.0	<0.459	99	40.1 - 154

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	9.01	mg/Kg	1	10.0	<0.459	90	40.1 - 154	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)	0.864	0.849	mg/Kg	1	1	86	85	16.6 - 155
4-Bromofluorobenzene (4-BFB)	1.26	1.15	mg/Kg	1	1	126	115	40.1 - 176

Matrix Spike (MS-1) Spiked Sample: 150175

QC Batch: 45653 | Date Analyzed: 2008-02-16 | Analyzed By: TG
Prep Batch: 39303 | QC Preparation: 2008-02-15 | Prepared By: TG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	364	mg/Kg	1	250	93.5	108	35.1 - 161

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	370	mg/Kg	1	250	93.5	111	35.1 - 161	2	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-Triacontane	103	108	mg/Kg	1	100	103	108	33.3 - 164

Standard (ICV-1)

QC Batch: 45633 | Date Analyzed: 2008-02-15 | Analyzed By: KB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0973	97	85 - 115	2008-02-15
Toluene		mg/Kg	0.100	0.0949	95	85 - 115	2008-02-15
Ethylbenzene		mg/Kg	0.100	0.0913	91	85 - 115	2008-02-15
Xylene		mg/Kg	0.300	0.277	92	85 - 115	2008-02-15

Standard (CCV-1)

QC Batch: 45633 | Date Analyzed: 2008-02-15 | Analyzed By: KB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0912	91	85 - 115	2008-02-15
Toluene		mg/Kg	0.100	0.0888	89	85 - 115	2008-02-15
Ethylbenzene		mg/Kg	0.100	0.0879	88	85 - 115	2008-02-15
Xylene		mg/Kg	0.300	0.262	87	85 - 115	2008-02-15

Standard (ICV-1)

QC Batch: 45635 | Date Analyzed: 2008-02-15 | Analyzed By: KB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	0.868	87	85 - 115	2008-02-15

Standard (CCV-1)

QC Batch: 45635 Date Analyzed: 2008-02-15 Analyzed By: KB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	0.873	87	85 - 115	2008-02-15

Standard (ICV-1)

QC Batch: 45653 Date Analyzed: 2008-02-16 Analyzed By: TG

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	247	99	85 - 115	2008-02-16

Standard (CCV-1)

QC Batch: 45653 Date Analyzed: 2008-02-16 Analyzed By: TG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	244	98	85 - 115	2008-02-16

8020836

TRACE ANALYSIS, INC.

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

5002 Basin Street, Suite A1
Midland, Texas 79703
Phone: 432-689-6301
Fax: 432-689-6313

Project Manager: Ken Dutton PAGE 01 OF 02

Company Name: Basin Environmental Service Technologies, LLC

Company Address: P. O. Box 301

City/State/Zip: Lovington, NM 88260

Telephone No: (505) 441-2124 Fax No: (505) 396-1429

Sampler Signature: Ken Dutton e-mail: kdutton@basinenv.com

Project Name: NORTH MONUMENT 6 INCH

Project #: SRS: 2007-345

Project Loc: Lea County, NM

PO #: INVOICE TO PLAINS MARKETING

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Screened	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 8015M	TPH: 418.1 8015M	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	TOTAL: BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides EPA 300.0		RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
150160	N/W # 1 16'			06-Feb-07	1400		1	X								SOIL	X									X							X
161	N/W # 2 8'			06-Feb-07	1410		1	X								SOIL	X									X							X
162	N/W # 3 16'			06-Feb-07	1420		1	X								SOIL	X									X							X
163	N/W # 4 7'			06-Feb-07	1430		1	X								SOIL	X									X							X
164	S/W # 1 15'			06-Feb-07	1440		1	X								SOIL	X									X							X
165	S/W # 2 12'			06-Feb-07	1450		1	X								SOIL	X									X							X
166	S/W # 3 16'			06-Feb-07	1500		1	X								SOIL	X									X							X
167	S/W # 4 7'			06-Feb-07	1510		1	X								SOIL	X									X							X
168	E/W # 1 16'			06-Feb-07	1520		1	X								SOIL	X									X							X
169	E/W # 2 8'			06-Feb-07	1530		1	X								SOIL	X									X							X

Special Instructions:
EMAIL RESULTS: kdutton@basinenv.com & cjreynolds@paalp.com

Relinquished by:	Date	Time	Received by:	Date	Time
Ken Dutton	02/08/08	9:30	Linda Blackwood	02/08/08	9:30
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by: Linda Blackwood	Date 2/8/08	Time 1:10	Received by Trace: Rick Chevelier	Date 2-8-08	Time 1:10

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 2 °C

TRACE ANALYSIS, INC.

8U 20836

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

5002 Basin Street, Suite A1
Midland, Texas 79703

Phone: 432-689-6301
Fax: 432-689-6313

Project Manager: Ken Dutton PAGE 02 OF 02

Company Name: Basin Environmental Service Technologies, LLC

Company Address: P. O. Box 301

City/State/Zip: Lovington, NM 88260

Telephone No: (505) 441-2124 Fax No: (505) 396-1429

Sampler Signature: Ken Dutton e-mail: kdutton@basinenv.com

Project Name: NORTH MONUMENT 6 INCH

Project #: SRS: 2007-345

Project Loc: Lea County, NM

PO #: INVOICE TO PLAINS MARKETING

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)

ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Screened	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 8015M 8015B	TOTAL: TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides EPA 300.0	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
150170	W/W # 1 16'			06-Feb-07	1540		1	X								SOIL	X								X					X
171	W/W # 2 7'			06-Feb-07	1550		1	X								SOIL	X								X					X
172	E FLR 18'			06-Feb-07	1600		1	X								SOIL	X								X					X
173	E FLR # 2 21'			06-Feb-07	1610		1	X								SOIL														
174	W FLR 18'			06-Feb-07	1620		1	X								SOIL	X								X					X
175	W FLR/21'			06-Feb-07	1630		1	X								SOIL														
176	STOCKPILE			06-Feb-07	1640		1	X								SOIL	X								X					X

Special Instructions:

EMAIL RESULTS: kdutton@basinenv.com & cjreynolds@paalp.com

HOLD E FLR 21' & W FLR 21' FOR POSSIBLE ANALYSIS

Relinquished by:	Date	Time	Received by:	Date	Time
Ken Dutton	02/08/08	9:30	Linda Blackwood	02/08/08	9:30
Relinquished by:	Date	Time	Received by:	Date	Time
Linda Blackwood	02/08/08	1:10	Received by Trace:	2-8-08	1:10

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep.?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt: 2 °C

2°

802083 6

TRACE ANALYSIS, INC.

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

5002 Basin Street, Suite A1
Midland, Texas 79703

Phone: 432-689-6301
Fax: 432-689-6313

Project Manager: Ken Dutton PAGE 01 OF 02 Project Name: NORTH MONUMENT 6 INCH

Company Name: Basin Environmental Service Technologies, LLC Project #: SRS: 2007-345

Company Address: P. O. Box 301 Project Loc: Lea County, NM

City/State/Zip: Lovington, NM 88260 PO #: INVOICE TO PLAINS MARKETING

Telephone No: (505) 441-2124 Fax No: (505) 396-1429 Report Format: [X] Standard [ ] TRRP [ ] NPDES

Sampler Signature: Ken Dutton e-mail: kdutton@basinenv.com

(lab use only)
ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Screened	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 8015M	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	TOTAL: BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides EPA 300.0	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
150/160	N/W # 1 16'			06-Feb-07	1400		1	X								SOIL	X							X					X
161	N/W # 2 8'			06-Feb-07	1410		1	X								SOIL	X							X					X
162	N/W # 3 16'			06-Feb-07	1420		1	X								SOIL	X							X					X
163	N/W # 4 7'			06-Feb-07	1430		1	X								SOIL	X							X					X
164	S/W # 1 15'			06-Feb-07	1440		1	X								SOIL	X							X					X
165	S/W # 2 12'			06-Feb-07	1450		1	X								SOIL	X							X					X
166	S/W # 3 16'			06-Feb-07	1500		1	X								SOIL	X							X					X
167	S/W # 4 7'			06-Feb-07	1510		1	X								SOIL	X							X					X
168	E/W # 1 16'			06-Feb-07	1520		1	X								SOIL	X							X					X
169	E/W # 2 8'			06-Feb-07	1530		1	X								SOIL	X							X					X

Special Instructions:
EMAIL RESULTS: kdutton@basinenv.com & cjreynolds@paaip.com

Relinquished by:	Date	Time	Received by:	Date	Time
Ken Dutton	02/08/08	9:30	Linda Blackwood	02/08/08	9:30
Relinquished by:	Date	Time	Received by:	Date	Time
Linda Blackwood	02/08/08	1:10	Vicki Kinsey	2-8-08	1:10

Laboratory Comments:
Sample Containers Intact? (Y) N
VOCs Free of Headspace? Y N
Labels on container(s) (Y) N
Custody seals on container(s) Y N (N/A)
Custody seals on cooler(s) Y N (N/A)
Sample Hand Delivered by Sampler/Client Rep.? (Y) N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt: 2 °C

2/18 EP 150175

2° cargn 2/14 EP

TRACE ANALYSIS, INC.

80 20836

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

5002 Basin Street, Suite A1
Midland, Texas 79703
Phone: 432-689-6301
Fax: 432-689-6313

Project Manager: Ken Dutton PAGE 02 OF 02
Company Name: Basin Environmental Service Technologies, LLC
Company Address: P. O. Box 301
City/State/Zip: Lovington, NM 88260
Telephone No: (505) 441-2124 Fax No: (505) 396-1429
Sampler Signature: Ken Dutton e-mail: kdutton@basinenv.com

Project Name: NORTH MONUMENT 6 INCH
Project #: SRS: 2007-345
Project Loc: Lea County, NM
PO #: INVOICE TO PLAINS MARKETING
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Screened	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW = Drinking Water, SL = Sludge, GW = Groundwater, S = Soil/Sol, NP = Non-Potable, Specify Oth	Analyze For: TCLP: TPH: 418.1 (8015M)	TPH: TX 1005	TPH: TX 1006	8015B	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	TOTAL: BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M	Chlorides EPA 300.0			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
150170	W/W # 1 16'			06-Feb-07	1540		1	X								SOIL	X									X								X
171	W/W # 2 7'			06-Feb-07	1550		1	X								SOIL	X									X								X
172	E FLR 18'			06-Feb-07	1600		1	X								SOIL	X									X								X
173	E FLR # 2 21'			06-Feb-07	1610		1	X								SOIL	X									X				Do Not Run				
174	W FLR 18'			06-Feb-07	1620		1	X								SOIL	X									X								X
175	W FLR 21'			06-Feb-07	1630		1	X								SOIL	X									X				Perf. KEW 2/15/08			D. BP	
176	STOCKPILE			06-Feb-07	1640		1	X								SOIL	X									X								X

Special Instructions:
EMAIL RESULTS: kdutton@basinenv.com & cjreynolds@paalp.com
HOLD E FLR 21' & W FLR 21' FOR POSSIBLE ANALYSIS

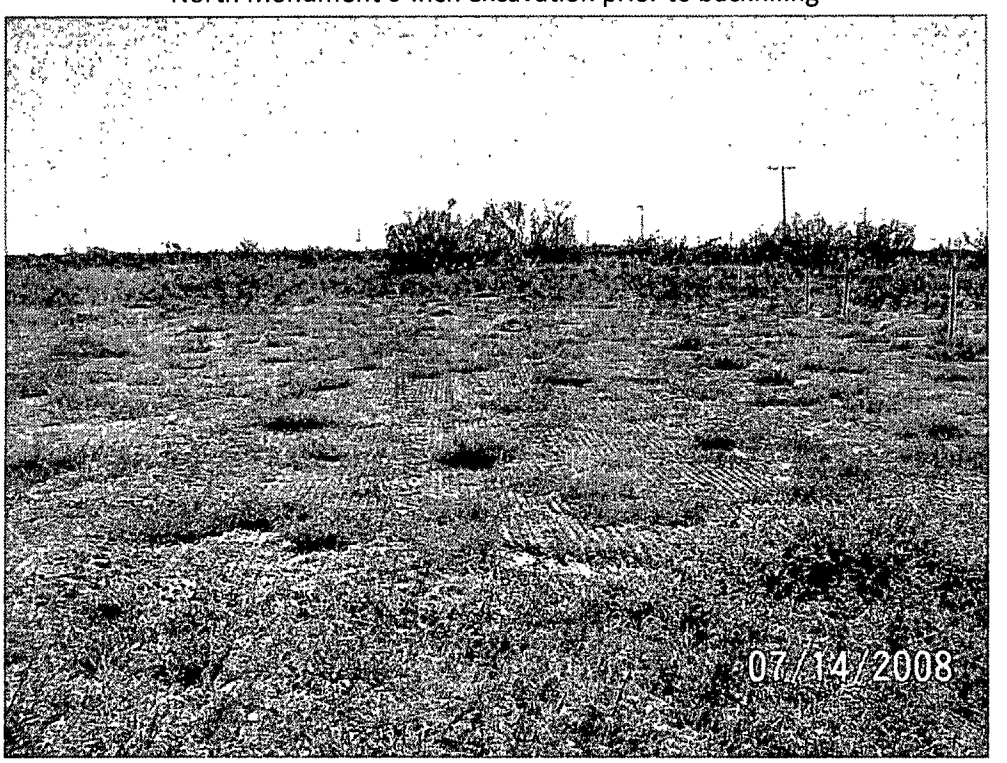
Relinquished by:	Date	Time	Received by:	Date	Time
Ken Dutton	02/08/08	9:30	Linda Blackwood	02/08/08	9:30
Relinquished by:	Date	Time	Received by:	Date	Time
Linda Blackwood	02/08/08	1:10	Jack Ousley	2-8-08	1:10

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Labels on container(s) Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered by Sampler/Client Rep. ? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt: 2 °C

2°
2/18 EP
BP

Appendix B
Digital Photographs

North Monument 6-Inch excavation prior to backfilling



North Monument 6-Inch backfilled and seeded

Appendix C
Release Notification and Corrective Action
(Form C-141)

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

Form C-
Revised October 10,

Submit 2 Copies to approp
District Office in accord
with Rule 116 on
side of

Release Notification and Corrective Action

OPERATOR

x Initial Report ☐ Final R

Name of Company Plains Pipeline, LP	Contact Camille Reynolds
Address 3112 West US Hwy 82, Lovington, NM 88260	Telephone No. 505-441-0965
Facility Name North Monument 6 Inch	Facility Type 6"Steel Pipeline

Surface Owner B. Darnell	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	32	19S	37E					Lea

Latitude 32° 36'36.8" **Longitude** 103° 16' 47.7"

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 5+barrels	Volume Recovered 0 barrels
Source of Release 6" Steel Pipeline	Date and Hour of Occurrence 12/05/2007 @ 11:30	Date and Hour of Discovery 12/05/2007 @ 12:00
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Pat Richards	
By Whom? Camille Reynolds	Date and Hour 12/05/2007@ 14:30	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* During purging activities discovered leak in the 6 inch pipeline resulting in release of crude. The line was cut and capped to mitigate the release. The line is idle so information concerning volume and pressure is unavailable.

Describe Area Affected and Cleanup Action Taken.* The impacted soil was excavated and stockpiled on plastic. Aerial extent of surface impact was 1 square feet. **Note:** Upon completion of delineation activities will revise volume of release.

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 healt 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.

Signature: Camille Reynolds	OIL CONSERVATION DIVISION
Printed Name: Camille Reynolds	Approved by District Supervisor:
Title: Remediation Coordinator	Approval Date: / Expiration Date:
E-mail Address: cjreynolds@paalp.com	Conditions of Approval: / Attached ☐
Date: 12/11/2007 Phone:505-441-0965	

* Attach Additional Sheets If Necessary

RP# 1685