3R-1011

Release Report/ General Correspondence

Enterprise SJ

Date: Apr-Jun 2013

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Enterprise Field Services, LLC	Contact Aaron Dailey
Address 614 Reilly Avenue, Farmington NM 87401	Telephone No. (505)599-2286
Facility Name Cedar Hill Compressor Station	Facility Type Natural Gas Compressor Station

Surface Owner Private	Mineral Owner Private	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	29	32N	10W					San Juan

Latitude_N 36deg57'00"__ **Longitude**_W 107deg54'26" (DDMMSS)____
N 36.95000 W 107.90722 (Decimal Degrees)

NATURE OF RELEASE

Type of Release Fire, subsequent Emergency Shut Down (ESD) and glycol release	Volume of Release 3-5 barrels glycol, 67 MCF gas (ESD)	Volume Recovered 35 yards of glycol contaminated soil removed
Source of Release Glycol Dehydrator	Date and Hour of Occurrence 4/14/2013 @ 03:00 hours	Date and Hour of Discovery 4/14/2013 @ 03:50 hours
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Monica Keuhling, NM OCD Aztec District. Other agencies notified are as follows: Sandy Spon, NMED AQB; NMED HAZMAT Coordinator Ruth Horowitz; San Juan County LEPC Paula Thomassen; NM Public Regulation Commission	
By Whom? Aaron Dailey	Date and Hour 4/14/2013 @ 08:30 hours (Notification to NM OCD, other notifications followed after this time)	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

RCVD MAY 28 '13
OIL CONS. DIV.
DIST. 3

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* Enterprise employee was called out to Cedar Hill compressor station by Enterprise Gas Control. Gas Control stated compressor unit #3 was off line. Enterprise employee arrived at front gate of location and noticed gas dehydrator was on fire. ESD of compressor station occurred due to wires shorting out on the facility dehydrator. Enterprise employee secured road leading to station, called 911 and supervision. Fire department arrived. Enterprise employee had tailgate meeting with fire department about hazards and configuration of compressor station and dehydrator. Supervision called Enterprise safety and environmental departments. Fire was extinguished at 5am MST.

Describe Area Affected and Cleanup Action Taken.*
Dehydrator and all appurtenances are considered to be lost; the insulation in the area was sampled for asbestos, whereby the results came back negative. Glycol contaminated soil that fell outside the concrete containment berm was excavated and hauled to an approved disposal facility by 5/22/2013. The dehydrator and all equipment is currently taped off and pending further investigation from fire marshal and other investigative personnel. Area inside concrete containment will be cleaned and dehydrator will be dismantled after the fire investigation is complete. A "final" c-141 will be submitted along with a third party environmental report once all remedial work has been completed at this facility.

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:	OIL CONSERVATION DIVISION
Printed Name: Matt Marra	Approved by Environmental Specialist: Jonathan D. Kelly
Title: Sr. Director, Environmental	Approval Date: 10/24/2013 Expiration Date:
E-mail Address: memarra@eprod.com	Conditions of Approval: Attached ☐
Date: 5-23-2013 Phone: (713)381-6684	

* Attach Additional Sheets If Necessary

nAK1329728660

District I
1625 N. French Dr., Hobbs, NM 88240
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Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Enterprise Field Services, LLC	Contact Aaron Dailey
Address 614 Reilly Avenue, Farmington NM 87401	Telephone No. (505)599-2286
Facility Name Hubbard LS #2 Lease Compressor Tank	Facility Type Natural gas compressor location

Surface Owner Private	Mineral Owner Private	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	30	32N	11W					San Juan

Latitude N36deg57'32" **Longitude** W108deg02'02" (DDMMSS)

NATURE OF RELEASE

Type of Release Natural gas condensate/oil, produced water, historic impacts	Volume of Release Estimated 6 barrels, historic impacts discovered	Volume Recovered TBD
Source of Release Compressor scrubber tank	Date and Hour of Occurrence 12.11.2012 @ overnight (estimated)	Date and Hour of Discovery 12.12.2012 @ 11:15 hours; historic impacts discovered 1.10.2013 @ 12:00 hours
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

RCVD APR 26 '13
OIL CONS. DIV.
DIST. 3

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Affected tank was discovered to have been shot with a firearm resulting in a puncture and release of liquids. The hole was discovered approximately 3" from the bottom of the tank. Upon discovery, a temporary lead plug was put into the bullet hole and vacuum truck arrived on site to remove liquids from the tank inside of the unlined containment berm.

Describe Area Affected and Cleanup Action Taken.*
Soil has been impacted in the unlined containment berm. Repairs to the tank and remediation to impacted soils were initiated on December 18, 2012. Historic condensate impacts were discovered during the initial response. A Geoprobe was deployed on January 17, 2013 for the continued assessment. Additional excavation continued in February 2013, where all contaminated soil that was above OCD remediation standard was removed and hauled to an OCD permitted landfarm facility. After discussion with NM OCD, approval for the application of potassium permanganate to the sandstone base confining layer was obtained, which was subsequently applied on February 13, 2013. The site was backfilled with approved clean fill material and a new tank was installed with a lined Polystar containment berm system. Please refer to the attached third party corrective action report for specific details regarding the location, remediation and associated closure associated with this location.

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:	OIL CONSERVATION DIVISION
Printed Name: Matt Marra	Approved by Environmental Specialist:
Title: Senior Director, Environmental	Approval Date: 11/8/2013 Expiration Date:
E-mail Address: memarra@eprod.com	Conditions of Approval: Attached ☐
Date: 4-22-2013 Phone: (713)381-6684	

nSK1331254741

* Attach Additional Sheets If Necessary

Animas Environmental Services, LLC
www.animasenvironmental.com
624 E. Comanche
Farmington, NM 87401
505-564-2281
Durango, Colorado
970-403-3084

April 5, 2013

Aaron Dailey
Enterprise Field Services, LLC
614 Reilly Avenue
Farmington, New Mexico 87401

RE: Release Assessment Report
SJG 200A Tank/Hubbard LS #2 January 2013 Release Location
SW¼ NW¼, Section 30, T30N, R11W, San Juan County, New Mexico
San Juan County, New Mexico

Dear Mr. Dailey:

On January 9, 10, 17, and February 11, 2013, Animas Environmental Services, LLC (AES) completed assessments and an environmental clearance of the final excavation limits associated with an approximately 6 barrel (bbl) release of condensate from a bullet hole in the Enterprise Field Services, LLC (Enterprise) SJG 200A condensate tank at the ConocoPhillips Hubbard LS #2 located approximately 9 miles north of Aztec, San Juan County, New Mexico. During the initial excavation of the condensate impacted soil, a historical release was discovered beneath the condensate tank location.

1.0 Site Information

1.1 Location

Location - SW¼ NW¼, Section 30, T32N, R11W, San Juan County, New Mexico
Latitude/Longitude - N36.95932 and W108.03455, respectively
Surface Owner – Private
Figure 1. Topographic Site Location Map
Figure 2. Aerial Site Map, January 2013

1.2 NMOCD Ranking

In accordance with the New Mexico Oil Conservation Division (NMOCD) *Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993), the release location was assigned a ranking score to establish release action levels. The ranking score was obtained in part by reviewing available records of nearby oil/gas wells using the NMOCD online database; however, no prior ranking information was found. The New Mexico Office of the State Engineer (NMOSE) database was reviewed for nearby water wells, and no registered water wells were reported to be located within 1,000 feet of the

along with two composite samples (North Base Composite and South Base Composite) collected from the historical contamination in the base of the initial excavation were submitted for laboratory analysis.

2.2 Confirmation Sampling

On February 11, 2013, six 5-point and three 3-point composite soil samples (SC-7 through SC-15) were collected from the walls and base of the final excavation. All soil samples were field screened for VOCs, and selected samples were also analyzed for total petroleum hydrocarbons (TPH). Three samples (SC-7, SC-9, and SC-11) were also submitted for laboratory analysis.

2.3 Field Screening

2.3.1 Volatile Organic Compounds

Field screening for VOC vapors was conducted with a photo-ionization detector (PID) organic vapor meter (OVM). Before beginning field screening, the PID-OVM was first calibrated with 100 parts per million (ppm) isobutylene gas.

2.3.2 Total Petroleum Hydrocarbons

Field TPH samples were analyzed per USEPA Method 418.1 using a Buck Scientific Model HC-404 Total Hydrocarbon Analyzer Infrared Spectrometer (Buck). A 3-point calibration was completed prior to conducting soil analyses. Field analytical protocol followed AES's *Standard Operating Procedure: Field Analysis Total Petroleum Hydrocarbons per EPA Method 418.1*.

2.4 Laboratory Analyses

Soil samples collected for laboratory analysis and were placed into new, clean, laboratory-supplied containers, which were then labeled, placed on ice, and logged onto a sample chain of custody record. Samples were maintained on ice until delivery to the analytical laboratory, Hall Environmental Analysis Laboratory (Hall), in Albuquerque, New Mexico. Soil samples were laboratory analyzed for:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per U.S. Environmental Protection Agency (USEPA) Method 8021B; and
- Total petroleum hydrocarbons (TPH) for gasoline range organics (GRO) and diesel range organics (DRO) per USEPA Method 8015B.

Note that sample SC-7 was laboratory analyzed for BTEX per USEPA Method 8021B only.

Sample ID	Date Sampled	Sample Depth (ft bgs)	VOCs via OVM (ppm)	Field TPH (mg/kg)
*NMOCD Action Level**			*100*	*1,000*
SB-6	1/17/13	0 to 1	10.5	NA
		1 to 3	53.4	NA
SC-7	2/11/13	1 to 3	**750**	198
SC-8	2/11/13	1 to 6	21.3	21.4
SC-9	2/11/13	8	**>10,000**	NA
SC-10	2/11/13	1 to 6	40.2	68.7
SC-11	2/11/13	8	**>10,000**	NA
SC-12	2/11/13	1 to 8	32.1	61.2
SC-13	2/11/13	1 to 3	33.1	<20.0
SC-14	2/11/13	0.5 to 3	29.3	<20.0
SC-15	2/11/13	0.5 to 3	15.9	<20.0

NA – not analyzed
*Action level determined by the NMOCD ranking score per *NMOCD Guidelines for Leaks, Spills, and Releases* (August 1993)

3.2 Laboratory Analytical Results

On January 10 and 17, 2013, initial and continued assessment laboratory analytical results from SC-1 through SC-6 and the North and South Base Composites showed that benzene was below laboratory detection limits ranging from 0.050 mg/kg to 1.2 mg/kg in each sample. Total BTEX concentrations ranged from below laboratory detection limits of 0.25 mg/kg up to 259 mg/kg in SC-6. TPH concentrations (as GRO/DRO) ranged from below laboratory detection limits of 15 mg/kg in SC-2 and SC-3 up to 8,500 mg/kg in SC-6.

On February 11, 2013, confirmation sampling laboratory analytical results from SC-7, SC-9, and SC-11 showed that benzene was below laboratory detection limits ranging from 0.050 mg/kg to 1.2 mg/kg. Total BTEX concentrations ranged from 0.22 mg/kg in SC-7 up to 43 mg/kg in SC-11. TPH concentrations ranged from 1,520 mg/kg in SC-9 up to 1,640 mg/kg in SC-11. Laboratory analytical results are included in Table 2 and on Figures 3 and 4. Laboratory analytical reports are attached.

On February 11, 2013, AES returned to the location to assist Enterprise contractors with excavation guidance and to collect and field screen confirmation samples of the final excavation limits. Field screening of composite samples collected from the walls and base of the excavation showed that VOC and TPH concentrations were below NMOCD action levels in all the samples (SC-7 through SC-15) except VOC concentrations for wall sample SC-7 (750 ppm) and base samples SC-9 and SC-11 (greater than 10,000 ppm). Laboratory analysis of these samples showed that benzene and total BTEX concentrations were below NMOCD action levels, however, TPH concentrations exceeded the NMOCD action level of 1,000 mg/kg with 1,520 mg/kg in SC-9 and 1,640 mg/kg in SC-11. The base of the excavation was terminated on competent sandstone at depths ranging from approximately 2 to 10.5 feet bgs.

Aaron Dailey of Enterprise received approval from Brandon Powell of NMOCD on February 12, 2013, for the application of potassium permanganate to the base of the excavation and subsequent backfilling of the excavation. Envirotech mobilized to the location on February 13, 2013, and completed the application of potassium permanganate to the base of the excavation.

Based on field observations, field screening and laboratory analytical results for benzene, total BTEX, and TPH, along with the completed application of potassium permanganate to the base of the excavation and NMOCD approval to backfill, no further work is recommended for the SJG 200A Tank/Hubbard LS #2 release area

If you have any questions about this report or site conditions, please do not hesitate to contact me or Ross Kennemer at (505) 564-2281.

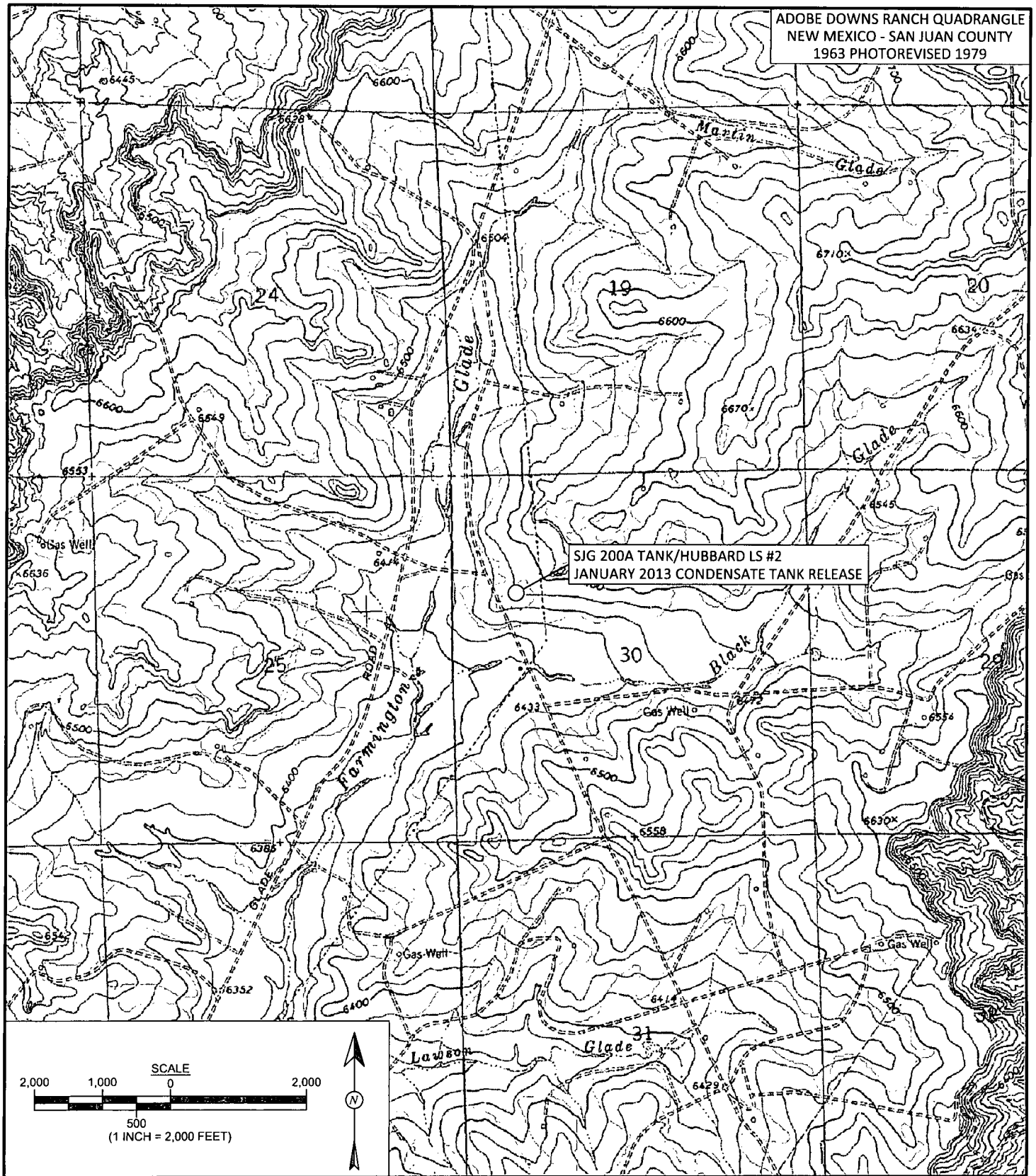
Sincerely,

Heather M. Woods

Heather M. Woods
Staff Geologist

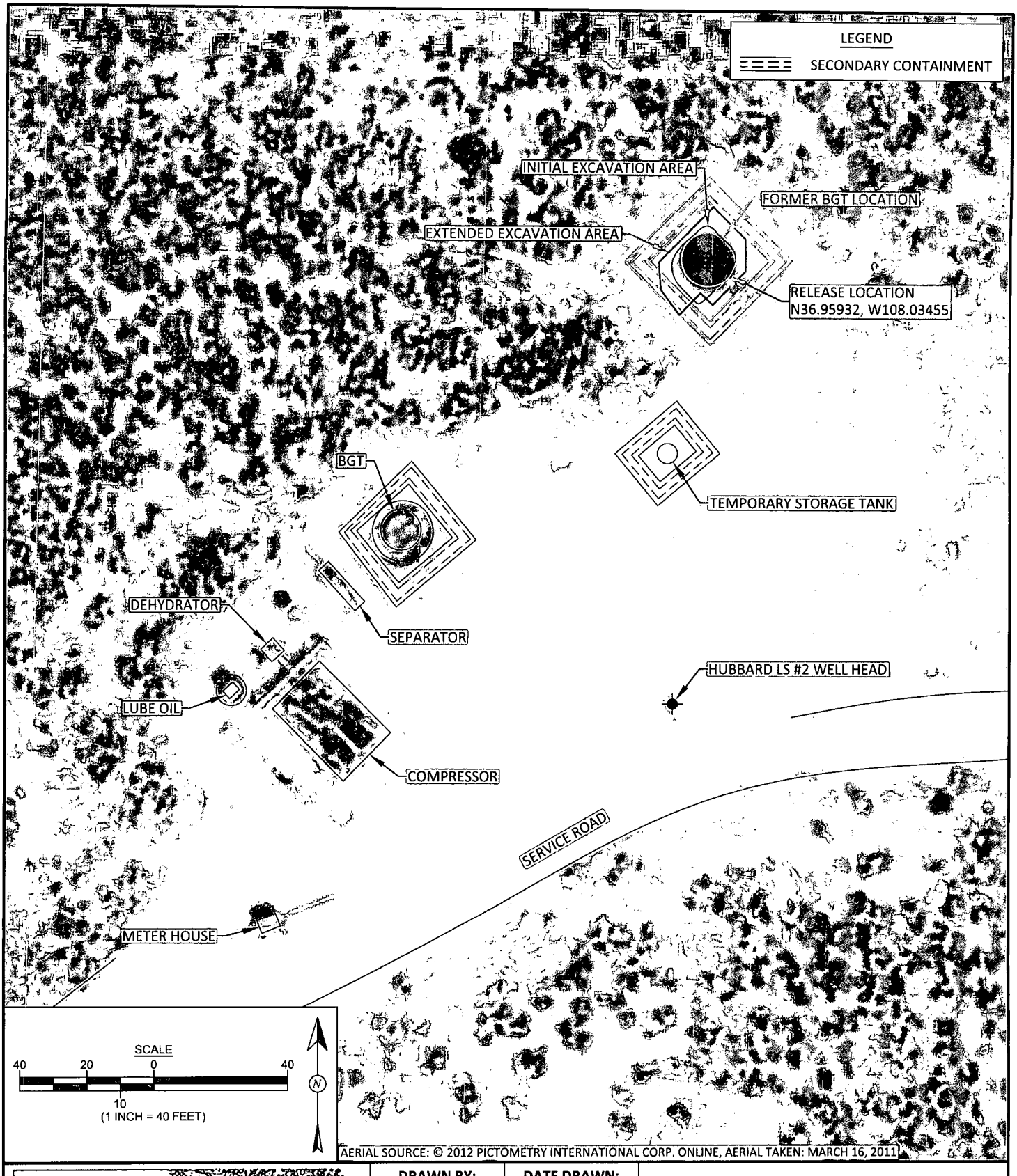
Elizabeth McNally

Elizabeth McNally, P.E.



DRAWN BY: C. Lameman	**DATE DRAWN:** January 11, 2013	**FIGURE 1**
REVISIONS BY: C. Lameman	**DATE REVISED:** January 11, 2013	**TOPOGRAPHIC SITE LOCATION MAP**
CHECKED BY: T. Ross	**DATE CHECKED:** February 25, 2013	ENTERPRISE FIELD SERVICES, LLC SJG 200A TANK/ HUBBARD LS #2 JANUARY 2013 CONDENSATE TANK RELEASE
APPROVED BY: E. McNally	**DATE APPROVED:** February 25, 2013	SW¼ NW¼, SECTION 30, T32N, R11W SAN JUAN COUNTY, NEW MEXICO N36.95932, W108.03455

AES
Animas Environmental Services, LLC

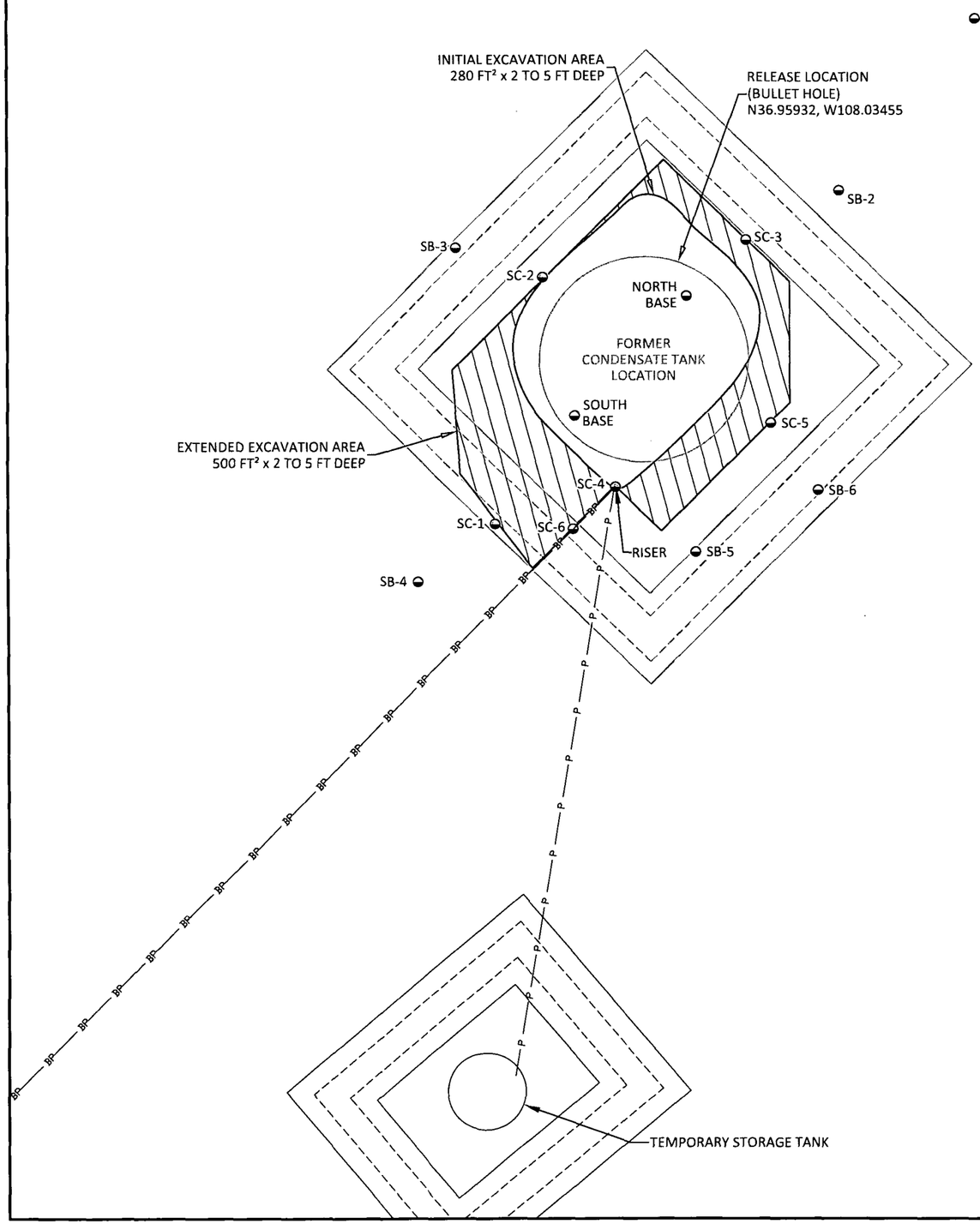


Animas Environmental Services, LLC

DRAWN BY: C. Lameman	**DATE DRAWN:** January 11, 2013
REVISIONS BY: C. Lameman	**DATE REVISED:** January 11, 2013
CHECKED BY: T. Ross	**DATE CHECKED:** February 25, 5013
APPROVED BY: E. McNally	**DATE APPROVED:** February 25, 5013

FIGURE 2

AERIAL SITE MAP
ENTERPRISE FIELD SERVICES, LLC
SJG 200A TANK/HUBBARD LS #2 JANUARY 2013
CONDENSATE TANK RELEASE
SW¼ NW¼, SECTION 30, T32N, R11W
SAN JUAN COUNTY, NEW MEXICO
N36.95932, W108.03455



Field Screening Results			
Sample ID	**Date**	**Depth (ft)**	**OVM-PID (ppm)**
NMOCD ACTION LEVEL			**100**
SC-1	1/10/13	1 to 2	80.0
SC-2	1/10/13	1 to 3	25.8
SC-3	1/10/13	1 to 3	**260**
SC-4	1/10/13	1 to 2	**4,750**
SC-5	1/10/13	1 to 3	**7,837**
SC-6	1/10/13	1 to 2	**8,913**
SB-1	1/17/13	0 to 4	0.0
		4 to 8	0.0
		8 to 10.5	0.0
SB-2	1/17/13	0 to 4	0.0
		4 to 8	0.0
		8 to 8.5	0.0
SB-3	1/17/13	0 to 3	0.0
		3	0.0
SB-4	1/17/13	0 to 2	0.0
		2 to 4	0.0
SB-5	1/17/13	0 to 2	**4,450**
SB-6	1/17/13	0 to 1	10.5
		1 to 3	53.4

SC-1 THROUGH SC-6 WERE 5-POINT COMPOSITES. SOIL BORINGS WERE TERMINATED AT AUGER REFUSAL ON COMPETENT SANDSTONE.

Laboratory Analytical Results						
Sample ID	**Date**	**Depth (ft)**	**Benzene (mg/kg)**	**Total BTEX (mg/kg)**	**TPH - GRO (mg/kg)**	**TPH - DRO (mg/kg)**
NMOCD ACTION LEVEL			**10**	**50**	**1,000**	
SC-1	1/10/13	1 to 2	<0.050	0.12	<5.0	14
SC-2	1/10/13	1 to 3	<0.050	<0.25	<5.0	<9.9
SC-3	1/10/13	1 to 3	<0.050	<0.25	<5.0	<10
SC-4	1/10/13	1 to 2	<1.2	**66**	**1,100**	**920**
SC-5	1/10/13	1 to 3	<1.2	**63**	**1,300**	**1,400**
SC-6	1/10/13	1 to 2	<1.2	**259**	**4,400**	**4,100**
NORTH BASE COMPOSITE	1/17/13	3 to 6	<0.099	1.3	**150**	**850**
SOUTH BASE COMPOSITE	1/17/13	3 to 6	<0.094	1.1	120	210

ALL SAMPLES WERE ANALYZED PER EPA METHOD 8021B AND 8015B.

FIGURE 3

INITIAL EXCAVATION AND SITE ASSESSMENT SAMPLE LOCATIONS AND RESULTS JANUARY 2013

ENTERPRISE FIELD SERVICES, LLC
SJG 200A TANK/HUBBARD LS #2 JANUARY 2013 CONDENSATE TANK RELEASE
SW¼ NW¼, SECTION 30, T32N, R11W
SAN JUAN COUNTY, NEW MEXICO
N36.95932, W108.03455

Animas Environmental Services, LLC

DRAWN BY: C. Lameman	**DATE DRAWN:** January 11, 2013
REVISIONS BY: C. Lameman	**DATE REVISED:** January 28, 2013
CHECKED BY: T. Ross	**DATE CHECKED:** February 25, 2013
APPROVED BY: E. McNally	**DATE APPROVED:** February 25, 2013

LEGEND

- SAMPLE LOCATIONS
- SECONDARY CONTAINMENTS
- BP — BURIED PIPELINE (APPROXIMATE)
- P — ABOVE GROUND PIPELINE (APPROXIMATE)

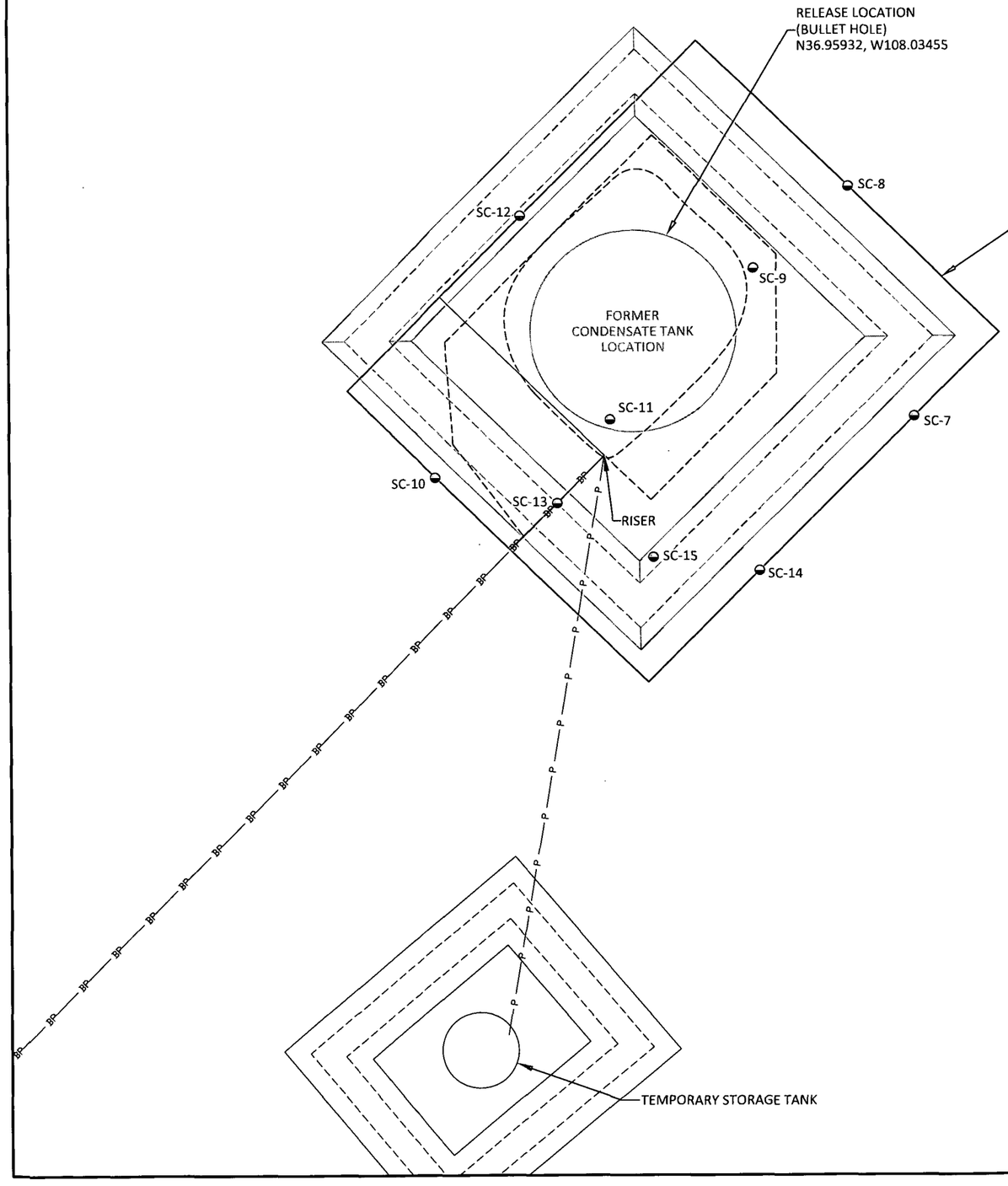
N

SCALE
10 6 0 10
2
(1 INCH = 10 FEET)

FIGURE 4

FINAL EXCAVATION AND SITE ASSESSMENT SAMPLE LOCATIONS AND RESULTS FEBRUARY 2013

ENTERPRISE FIELD SERVICES, LLC
SJG 200A TANK/HUBBARD LS #2 JANUARY 2013
CONDENSATE TANK RELEASE
SW¼ NW¼, SECTION 30, T32N, R11W
SAN JUAN COUNTY, NEW MEXICO
N36.95932, W108.03455



Field Screening Results				
Sample ID	**Date**	**Depth (ft)**	**OVM-PID (ppm)**	**TPH (mg/kg)**
NMOCD ACTION LEVEL			**100**	**1,000**
SC-7	2/11/13	1 to 3	**750**	198
SC-8	2/11/13	1 to 6	21.3	21.4
SC-9	2/11/13	8	**>10,000**	*NA*
SC-10	2/11/13	1 to 6	40.2	68.7
SC-11	2/11/13	8	**>10,000**	*NA*
SC-12	2/11/13	1 to 8	32.1	61.2
SC-13	2/11/13	1 to 3	33.1	<20.0
SC-14	2/11/13	0.5 to 3	29.3	<20.0
SC-15	2/11/13	0.5 to 3	15.9	<20.0
SC-1 THROUGH SC-6 ARE 5-POINT COMPOSITES. SC-7 THROUGH SC-9 ARE 3-POINT COMPOSITES. NA - NOT ANALYZED				

Laboratory Analytical Results						
Sample ID	**Date**	**Depth (ft)**	**Benzene (mg/kg)**	**Total BTEX (mg/kg)**	**TPH - GRO (mg/kg)**	**TPH - DRO (mg/kg)**
NMOCD ACTION LEVEL			**10**	**50**	**1,000**	
SC-7	2/11/13	1 to 3	<0.050	0.22	*NA*	*NA*
SC-9	2/11/13	8	<0.50	11	**980**	**540**
SC-11	2/11/13	8	<1.2	43	**1,200**	**440**
SC-7 WAS ANALYZED PER EPA METHOD 8021B. SC-9 AND SC-11 WERE ANALYZED PER EPA METHOD 8021B AND 8015B. NA - NOT ANALYZED						

Animas Environmental Services, LLC

DRAWN BY: C. Lameman	**DATE DRAWN:** February 12, 2013
REVISIONS BY: C. Lameman	**DATE REVISED:** February 12, 2013
CHECKED BY: T. Ross	**DATE CHECKED:** February 25, 2013
APPROVED BY: E. McNally	**DATE APPROVED:** February 25, 2013

LEGEND

- SAMPLE LOCATIONS
- SECONDARY CONTAINMENTS
- BP — BURIED PIPELINE (APPROXIMATE)
- P — ABOVE GROUND PIPELINE (APPROXIMATE)
- PREVIOUS EXCAVATION EXTENTS

N

SCALE
10 6 0 10
2
(1 INCH = 10 FEET)

Animas Environmental Services, LLC.
624 East Comanche
Farmington, NM 87401

SB-1

ENTERPRISE FIELD SERVICES, LLC
SJG 200A TANK/HUBBARD LS #2
JAN. 2013 CONDENSATE TANK RELEASE
SW1/4 NW1/4, SEC. 30, T32N, R11W
SAN JUAN COUNTY, NEW MEXICO

Date Started	: 1/17/13	Latitude	: N36.95947
Date Completed	: 1/17/13	Longitude	: W108.03446
Hole Diameter	: 2.25 in.	Survey By	: GPS
Drilling Method	: Geoprobe	Logged By	: Heather Woods
Sampling Method	: Continuous		

Depth in Feet	Surf. Elev.0	USCS	GRAPHIC	DESCRIPTION	Blow Count	PID (ppm)
0	0	SC		Clayey Sand, Tan, Dry to Moist, Fine to Medium Grained, No Staining, No Odor		
1	-1					
2	-2					0.0
3	-3					
4	-4					
5	-5					
6	-6					0.0
7	-7					
8	-8					
9	-9					0.0
10	-10					
11		SS		Refusal on Sandstone at 10.5 feet		

04-05-2013 R:\Animas 2000\Dropbox\2013 Projects\Enterprise\SJG 200A Tanks-Hubbard LS 2\Soil Boring Logs\SB-1.bor

Animas Environmental Services, LLC.
624 East Comanche
Farmington, NM 87401

SB-2

ENTERPRISE FIELD SERVICES, LLC
SJG 200A TANK/HUBBARD LS #2
JAN. 2013 CONDENSATE TANK RELEASE
SW1/4 NW1/4, SEC. 30, T32N, R11W
SAN JUAN COUNTY, NEW MEXICO

Date Started	: 1/17/13	Latitude	: N36.95943
Date Completed	: 1/17/13	Longitude	: W108.03499
Hole Diameter	: 2.25 in.	Survey By	: GPS
Drilling Method	: Geoprobe	Logged By	: Heather Woods
Sampling Method	: Continuous		

Depth in Feet	Surf. Elev.0	USCS	GRAPHIC	DESCRIPTION	Blow Count	PID (ppm)
0	0	SC		Clayey Sand, Tan, Dry to Moist, Fine to Medium Grained, No Staining, No Odor		
1	-1					
2	-2					0.0
3	-3					
4	-4					
5	-5					
6	-6					0.0
7	-7					
8	-8					0.0
9		SS		Refusal on Sandstone at 8.5 feet		

04-05-2013 R:\Animas 2000\Dropbox\2013 Projects\Enterprise\SJG 200A Tanks-Hubbard LS 2\Soil Boring Logs\SB-2.bor

Animas Environmental Services, LLC.
624 East Comanche
Farmington, NM 87401

SB-3

ENTERPRISE FIELD SERVICES, LLC
SJG 200A TANK/HUBBARD LS #2
JAN. 2013 CONDENSATE TANK RELEASE
SW1/4 NW1/4, SEC. 30, T32N, R11W
SAN JUAN COUNTY, NEW MEXICO

Date Started	: 1/17/13	Latitude	: N36.95943
Date Completed	: 1/17/13	Longitude	: W108.03499
Hole Diameter	: 2.25 in.	Survey By	: GPS
Drilling Method	: Geoprobe	Logged By	: Heather Woods
Sampling Method	: Continuous		

Depth in Feet	Surf. Elev.0	USCS	GRAPHIC	DESCRIPTION	Blow Count	PID (ppm)
0	0	SC		Clayey Sand, Brown to Tan, Moist to Dry, Fine to Medium Grained, No Staining, No Odor		0.0
1	-1					
2	-2					
3	-3	SS		Sandstone, Tan, Dry, Fine to Medium Grained, No Staining, Severe to Moderate Weathering, No Odor. Refusal on Sandstone at 4 feet		0.0
4						

04-05-2013 R:\Animas 2000\Dropbox\2013 Projects\Enterprise\SJG 200A Tanks-Hubbard LS 2\Soil Boring Logs\SB-3.bor

Animas Environmental Services, LLC.
624 East Comanche
Farmington, NM 87401

SB-4

ENTERPRISE FIELD SERVICES, LLC
SJG 200A TANK/HUBBARD LS #2
JAN. 2013 CONDENSATE TANK RELEASE
SW1/4 NW1/4, SEC. 30, T32N, R11W
SAN JUAN COUNTY, NEW MEXICO

Date Started	: 1/17/13	Latitude	: N36.95935
Date Completed	: 1/17/13	Longitude	: W108.03460
Hole Diameter	: 2.25 in.	Survey By	: GPS
Drilling Method	: Geoprobe	Logged By	: Heather Woods
Sampling Method	: Continuous		

Depth in Feet	Surf. Elev.0	USCS	GRAPHIC	DESCRIPTION	Blow Count	PID (ppm)
0	0	SC		Clayey Sand, Tan, Moist to Dry, Fine to Medium Grained, No Staining, No Odor		
1	-1					0.0
2	-2					
3	-3	SS		Refusal on Sandstone at 3 feet		0.0
4						

04-05-2013 R:\Animas 2000\Dropbox\2013 Projects\Enterprise\SJG 200A Tanks-Hubbard LS 2\Soil Boring Logs\SB-4.bor

Animas Environmental Services, LLC.
624 East Comanche
Farmington, NM 87401

SB-5

ENTERPRISE FIELD SERVICES, LLC
SJG 200A TANK/HUBBARD LS #2
JAN. 2013 CONDENSATE TANK RELEASE
SW1/4 NW1/4, SEC. 30, T32N, R11W
SAN JUAN COUNTY, NEW MEXICO

Date Started	: 1/17/13	Latitude	: N36.95935
Date Completed	: 1/17/13	Longitude	: W108.03452
Hole Diameter	: 2.25 in.	Survey By	: GPS
Drilling Method	: Geoprobe	Logged By	: Heather Woods
Sampling Method	: Continuous		

Depth in Feet	Surf. Elev.0	USCS	GRAPHIC	DESCRIPTION	Blow Count	PID (ppm)
0	0					
		SC		Clayey Sand, Tan, Moist to Dry, Fine to Medium Grained, Slight Staining, Moderate Odor, refusal at 2 feet.		
1	-1					4,450
2	-2	SS		Refusal on Sandstone at 2 feet		
3						

04-05-2013 R:\Animas 2000\Dropbox\2013 Projects\Enterprise\SJG 200A Tanks-Hubbard LS 2\Soil Boring Logs\SB-5.bor

Animas Environmental Services, LLC.
624 East Comanche
Farmington, NM 87401

SB-6

ENTERPRISE FIELD SERVICES, LLC
SJG 200A TANK/HUBBARD LS #2
JAN. 2013 CONDENSATE TANK RELEASE
SW1/4 NW1/4, SEC. 30, T32N, R11W
SAN JUAN COUNTY, NEW MEXICO

Date Started	: 1/17/13	Latitude	: N36.95936
Date Completed	: 1/17/13	Longitude	: W108.03449
Hole Diameter	: 2.25 in.	Survey By	: GPS
Drilling Method	: *Geoprobe*	*Logged By*	: *Heather Woods*
Sampling Method	: Continuous		

Depth in Feet	Surf. Elev.0	USCS	GRAPHIC	DESCRIPTION	Blow Count	PID (ppm)
0	0	SC		Clayey Sand, Brown to Tan, Moist to Dry, Fine to Medium Grained, Slight Staining, Moderate Odor.		10.5
1	-1	SS		Sandstone, Tan, Dry, Fine to Medium Grained, No Staining, No Odor, Refusal at 3 feet.		53.4
2	-2					
3						

04-05-2013 R:\Animas 2000\Dropbox\2013 Projects\Enterprise\SJG 200A Tanks-Hubbard LS 2\Soil Boring Logs\SB-6.bor

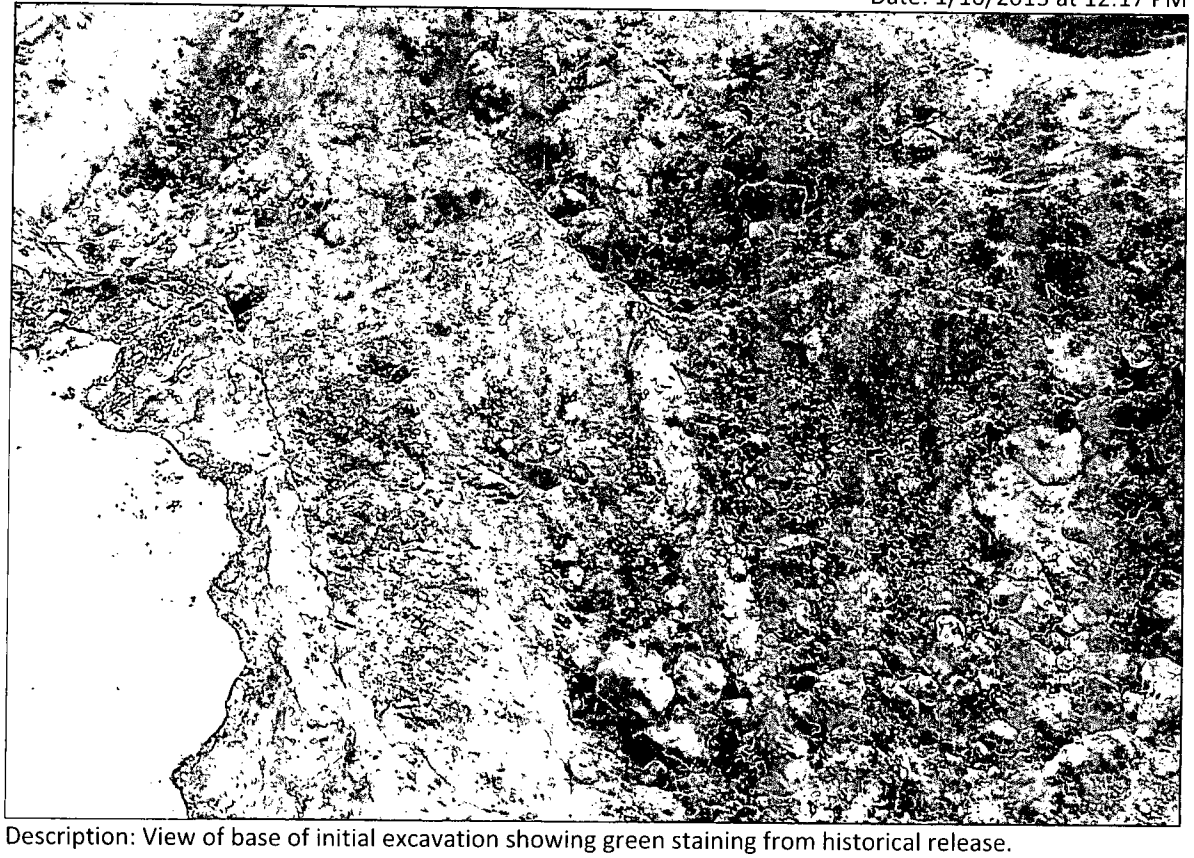
Photo #1

Date: 1/10/2013 at 12:17 PM

Description: View of northeast corner of initial excavation.

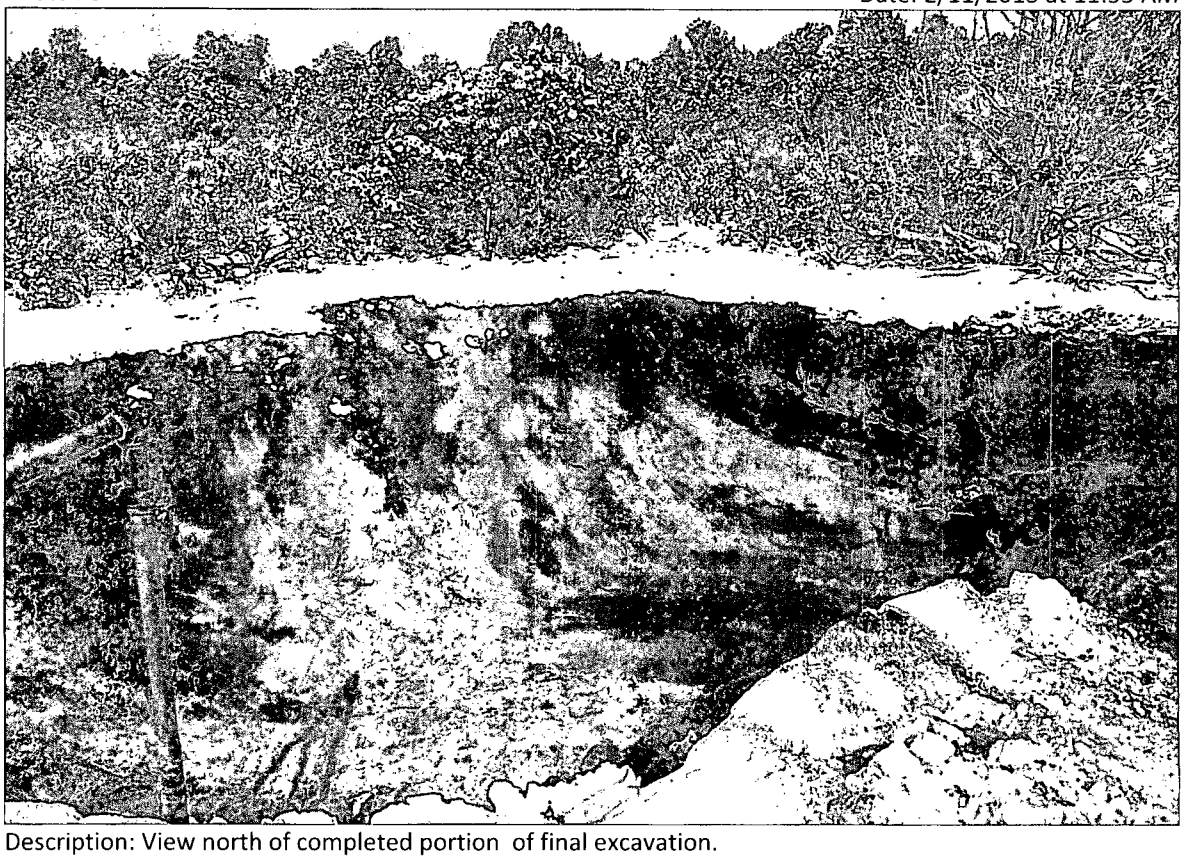
Photo #2

Date: 1/10/2013 at 12:17 PM



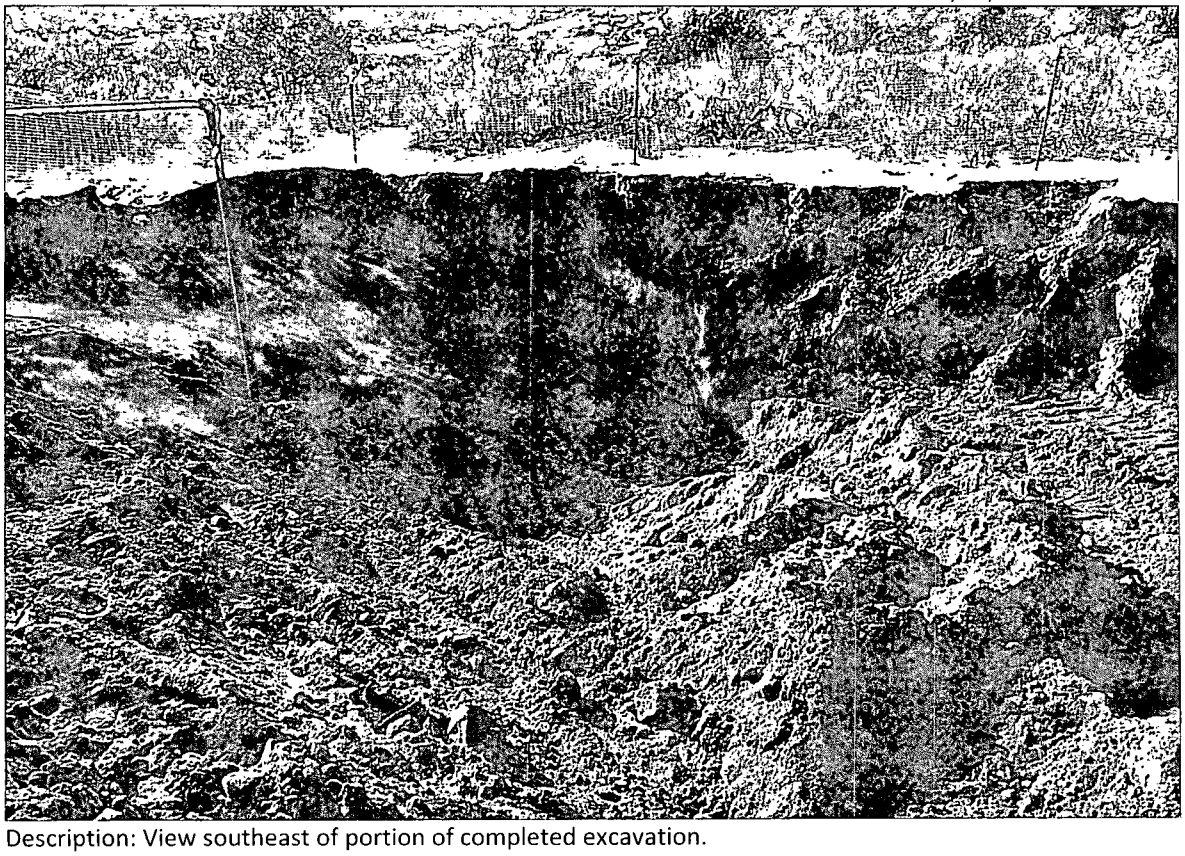
Description: View of base of initial excavation showing green staining from historical release.

Photo #3 Date: 2/11/2013 at 11:55 AM



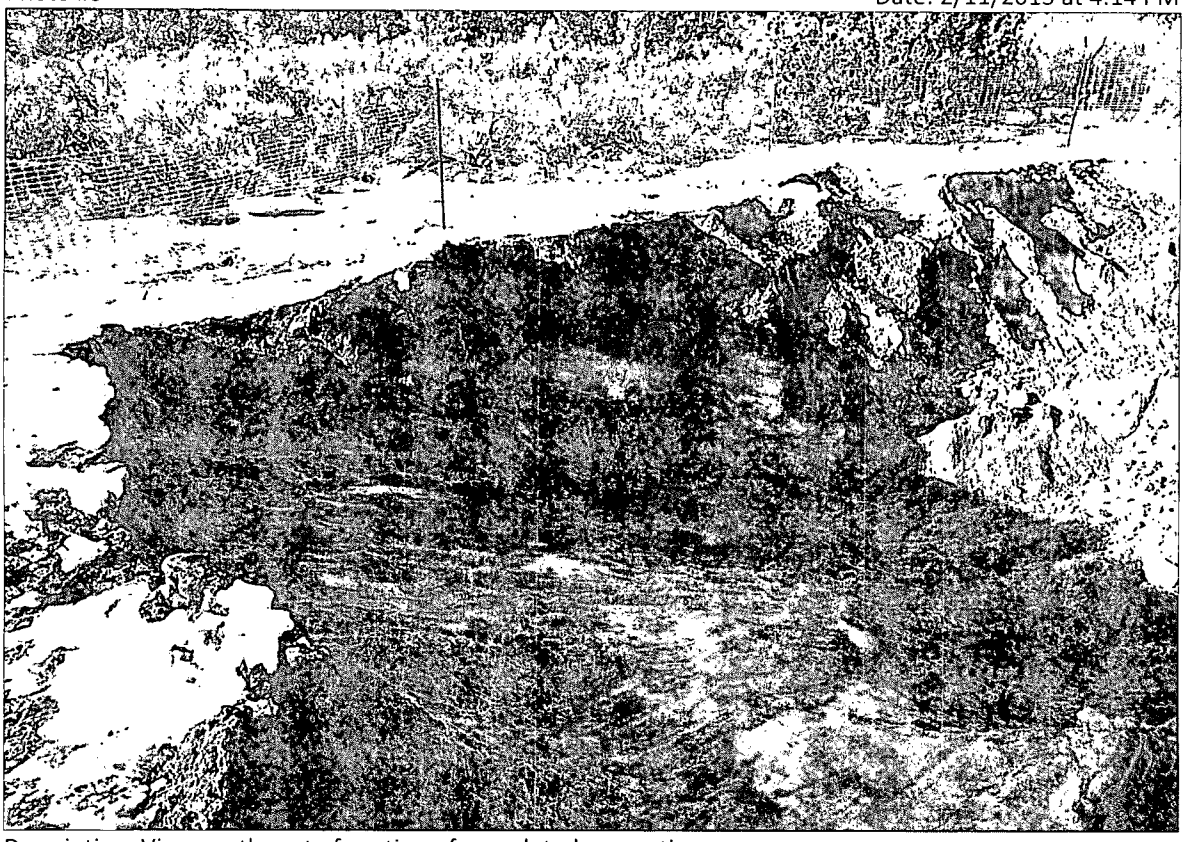
Description: View north of completed portion of final excavation.

Photo #4 Date: 2/11/2013 at 4:13 PM



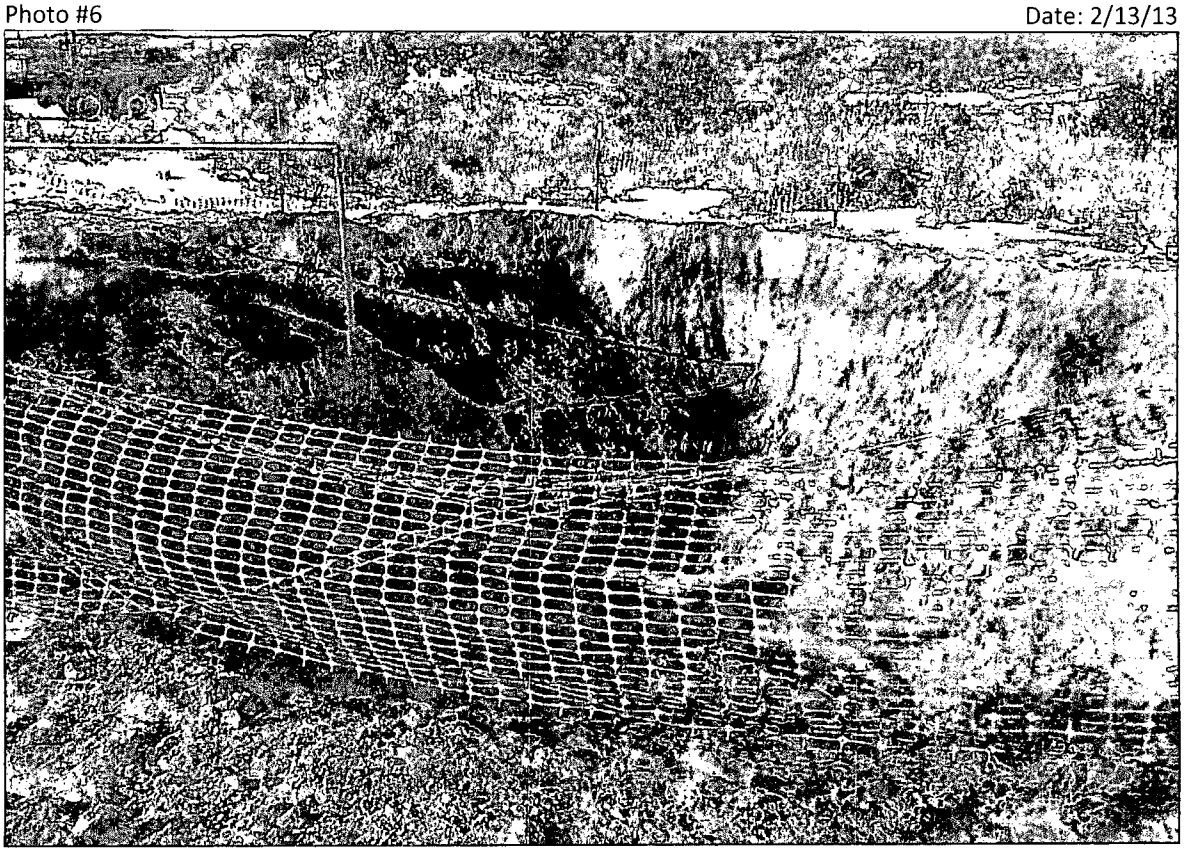
Description: View southeast of portion of completed excavation.

Photo #5 Date: 2/11/2013 at 4:14 PM



Description: View northwest of portion of completed excavation.

Photo #6 Date: 2/13/13



Description: Application of potassium permanganate.

AES Field Screening Report

Animas Environmental Services, LLC
www.animasenvironmental.com
624 E. Comanche
Farmington, NM 87401
505-564-2281
Durango, Colorado
970-403-3084

Client: ConocoPhillips

Project Location: Hubbard LS #2 January 2013

Date: 2/11/2013

Matrix: Soil

Sample ID	Collection Date	Collection Time	OVM (ppm)	Time of Sample Analysis	Field TPH* (mg/kg)	TPH PQL (mg/kg)	DF	TPH Analysts Initials
SC-7	2/11/2013	11:32	750	11:49	198	40.0	1	HMW
SC-8	2/11/2013	12:06	21.3	12:30	21.4	40.0	1	HMW
SC-9	2/11/2013	12:08	>10,000	*Not Analyzed for TPH*				
SC-10	2/11/2013	13:03	40.2	13:45	68.7	40.0	1	HMW
SC-11	2/11/2013	13:09	>10,000	*Not Analyzed for TPH*				
SC-12	2/11/2013	13:40	32.1	14:15	61.2	40.0	1	HMW
SC-13	2/11/2013	15:01	33.1	15:32	<20.0	40.0	1	HMW
SC-14	2/11/2013	15:05	29.3	15:34	<20.0	40.0	1	HMW
SC-15	2/11/2013	15:07	15.9	15:37	<20.0	40.0	1	HMW

Total Petroleum Hydrocarbons - USEPA 418.1

PQL Practical Quantitation Limit
ND Not Detected at the Reporting Limit
DF Dilution Factor
NA Not Analyzed

Analyst: Heather M. Woods

Report Finalized: 02/11/13

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

January 14, 2013

Tami Ross

Animas Environmental Services
624 East Comanche
Farmington, NM 87401
TEL: (505) 793-2072
FAX

RE: Enterprise Hubbard LS #2 OrderNo.: 1301369

Dear Tami Ross:

Hall Environmental Analysis Laboratory received 6 sample(s) on 1/11/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1301369**
Date Reported: **1/14/2013**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Project: Enterprise Hubbard LS #2
Lab ID: 1301369-001 **Matrix:** MEOH (SOIL)

Client Sample ID: SC-6 SC-1 (lrc 4/5/13)
Collection Date: 1/10/2013 11:19:00 AM
Received Date: 1/11/2013 11:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **MMD**
Diesel Range Organics (DRO)	14	10		mg/Kg	1	1/11/2013 1:01:25 PM
Surr: DNOP	102	72.4-120		%REC	1	1/11/2013 1:01:25 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/11/2013 12:13:03 PM
Surr: BFB	104	84-116		%REC	1	1/11/2013 12:13:03 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.050		mg/Kg	1	1/11/2013 12:13:03 PM
Toluene	ND	0.050		mg/Kg	1	1/11/2013 12:13:03 PM
Ethylbenzene	ND	0.050		mg/Kg	1	1/11/2013 12:13:03 PM
Xylenes, Total	0.12	0.10		mg/Kg	1	1/11/2013 12:13:03 PM
Surr: 4-Bromofluorobenzene	109	80-120		%REC	1	1/11/2013 12:13:03 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH greater than 2
RL	Reporting Detection Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Project: Enterprise Hubbard LS #2
Lab ID: 1301369-002 **Matrix:** MEOH (SOIL)

Client Sample ID: SC-7 SC-2 (lrc 4/5/13)
Collection Date: 1/10/2013 11:20:00 AM
Received Date: 1/11/2013 11:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **MMD**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/11/2013 1:23:12 PM
Surr: DNOP	95.6	72.4-120		%REC	1	1/11/2013 1:23:12 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/11/2013 1:10:33 PM
Surr: BFB	98.1	84-116		%REC	1	1/11/2013 1:10:33 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.050		mg/Kg	1	1/11/2013 1:10:33 PM
Toluene	ND	0.050		mg/Kg	1	1/11/2013 1:10:33 PM
Ethylbenzene	ND	0.050		mg/Kg	1	1/11/2013 1:10:33 PM
Xylenes, Total	ND	0.10		mg/Kg	1	1/11/2013 1:10:33 PM
Surr: 4-Bromofluorobenzene	107	80-120		%REC	1	1/11/2013 1:10:33 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SC-8 SC-3 (Irc 4/5/13)
Project: Enterprise Hubbard LS #2
Collection Date: 1/10/2013 11:20:00 AM
Lab ID: 1301369-003 **Matrix:** MEOH (SOIL) **Received Date:** 1/11/2013 11:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **MMD**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	1/11/2013 1:45:09 PM
Surr: DNOP	93.7	72.4-120		%REC	1	1/11/2013 1:45:09 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/11/2013 1:39:26 PM
Surr: BFB	97.9	84-116		%REC	1	1/11/2013 1:39:26 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.050		mg/Kg	1	1/11/2013 1:39:26 PM
Toluene	ND	0.050		mg/Kg	1	1/11/2013 1:39:26 PM
Ethylbenzene	ND	0.050		mg/Kg	1	1/11/2013 1:39:26 PM
Xylenes, Total	ND	0.10		mg/Kg	1	1/11/2013 1:39:26 PM
Surr: 4-Bromofluorobenzene	108	80-120		%REC	1	1/11/2013 1:39:26 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Project: Enterprise Hubbard LS #2
Lab ID: 1301369-004 **Matrix:** MEOH (SOIL)

Client Sample ID: SC-10 SC-4 (lrc 4/5/13)
Collection Date: 1/10/2013 12:32:00 PM
Received Date: 1/11/2013 11:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **MMD**
Diesel Range Organics (DRO)	920	9.7		mg/Kg	1	1/11/2013 2:06:53 PM
Surr: DNOP	98.5	72.4-120		%REC	1	1/11/2013 2:06:53 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	1100	250		mg/Kg	50	1/11/2013 2:08:13 PM
Surr: BFB	212	84-116	S	%REC	50	1/11/2013 2:08:13 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.2		mg/Kg	50	1/11/2013 2:08:13 PM
Toluene	7.5	2.5		mg/Kg	50	1/11/2013 2:08:13 PM
Ethylbenzene	4.0	2.5		mg/Kg	50	1/11/2013 2:08:13 PM
Xylenes, Total	54	5.0		mg/Kg	50	1/11/2013 2:08:13 PM
Surr: 4-Bromofluorobenzene	112	80-120		%REC	50	1/11/2013 2:08:13 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SC-11 SC-5 (Irc 4/5/13)
Project: Enterprise Hubbard LS #2
Collection Date: 1/10/2013 12:34:00 PM
Lab ID: 1301369-005
Matrix: MEOH (SOIL)
Received Date: 1/11/2013 11:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **MMD**
Diesel Range Organics (DRO)	1400	98		mg/Kg	10	1/11/2013 3:36:08 PM
Surr: DNOP	0	72.4-120	S	%REC	10	1/11/2013 3:36:08 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	1300	250		mg/Kg	50	1/11/2013 2:37:05 PM
Surr: BFB	238	84-116	S	%REC	50	1/11/2013 2:37:05 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.2		mg/Kg	50	1/11/2013 2:37:05 PM
Toluene	6.4	2.5		mg/Kg	50	1/11/2013 2:37:05 PM
Ethylbenzene	4.3	2.5		mg/Kg	50	1/11/2013 2:37:05 PM
Xylenes, Total	52	5.0		mg/Kg	50	1/11/2013 2:37:05 PM
Surr: 4-Bromofluorobenzene	118	80-120		%REC	50	1/11/2013 2:37:05 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Project: Enterprise Hubbard LS #2
Lab ID: 1301369-006 **Matrix:** MEOH (SOIL)

Client Sample ID: SC-12 SC-6 (lrc 4/5/13)
Collection Date: 1/10/2013 12:36:00 PM
Received Date: 1/11/2013 11:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **MMD**
Diesel Range Organics (DRO)	4100	98		mg/Kg	10	1/11/2013 3:58:24 PM
Surr: DNOP	0	72.4-120	S	%REC	10	1/11/2013 3:58:24 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	4400	250		mg/Kg	50	1/11/2013 3:05:55 PM
Surr: BFB	547	84-116	S	%REC	50	1/11/2013 3:05:55 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.2		mg/Kg	50	1/11/2013 3:05:55 PM
Toluene	32	2.5		mg/Kg	50	1/11/2013 3:05:55 PM
Ethylbenzene	17	2.5		mg/Kg	50	1/11/2013 3:05:55 PM
Xylenes, Total	210	5.0		mg/Kg	50	1/11/2013 3:05:55 PM
Surr: 4-Bromofluorobenzene	135	80-120	S	%REC	50	1/11/2013 3:05:55 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1301369**

14-Jan-13

Client: Animas Environmental Services

Project: Enterprise Hubbard LS #2

Sample ID **MB-5604**	SampType: **MBLK**	TestCode: **EPA Method 8015B: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **5604**	RunNo: **7992**
Prep Date: **1/9/2013**	Analysis Date: **1/11/2013**	SeqNo: **231506** Units: **%REC**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.2		10.00		92.2	72.4	120			

Sample ID **LCS-5604**	SampType: **LCS**	TestCode: **EPA Method 8015B: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **5604**	RunNo: **7992**
Prep Date: **1/9/2013**	Analysis Date: **1/11/2013**	SeqNo: **231507** Units: **%REC**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.4		5.000		88.2	72.4	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1301369**

14-Jan-13

Client: Animas Environmental Services

Project: Enterprise Hubbard LS #2

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8015B: Gasoline Range**
Client ID: **PBS**	Batch ID: **R8003**	RunNo: **8003**
Prep Date:	Analysis Date: **1/11/2013**	SeqNo: **231959** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		96.3	84	116			

Sample ID **2.5UG GRO LCS**	SampType: **LCS**	TestCode: **EPA Method 8015B: Gasoline Range**
Client ID: **LCSS**	Batch ID: **R8003**	RunNo: **8003**
Prep Date:	Analysis Date: **1/11/2013**	SeqNo: **231968** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	74	117			
Surr: BFB	1000		1000		103	84	116			

Sample ID **1301369-001AMS**	SampType: **MS**	TestCode: **EPA Method 8015B: Gasoline Range**
Client ID: **SC-6**	Batch ID: **R8003**	RunNo: **8003**
Prep Date:	Analysis Date: **1/11/2013**	SeqNo: **231971** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	19.07	2.059	105	70	130			
Surr: BFB	850		762.6		112	84	116			

Sample ID **1301369-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015B: Gasoline Range**
Client ID: **SC-6**	Batch ID: **R8003**	RunNo: **8003**
Prep Date:	Analysis Date: **1/11/2013**	SeqNo: **231972** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	19.07	2.059	105	70	130	0.622	22.1	
Surr: BFB	860		762.6		113	84	116	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1301369**

14-Jan-13

Client: Animas Environmental Services

Project: Enterprise Hubbard LS #2

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **R8003**	RunNo: **8003**
Prep Date:	Analysis Date: **1/11/2013**	SeqNo: **232037** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		109	80	120			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **R8003**	RunNo: **8003**
Prep Date:	Analysis Date: **1/11/2013**	SeqNo: **232040** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.050	1.000	0	101	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.1	0.10	3.000	0	102	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		111	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Animas Environmental — Work Order Number: 1301369

Received by/date: JB 01/11/13

Logged By: Ashley Gallegos 1/11/2013 11:00:00 AM

Completed By: Ashley Gallegos 1/11/2013 11:12:44 AM

Reviewed By: MG 01/11/13

Chain of Custody

1. Were seals intact?	Yes	No	Not Present ✓
2. Is Chain of Custody complete?	Yes ✓	No	Not Present
3. How was the sample delivered?	Courier		

Log In

4. Coolers are present? (see 19. for cooler specific information)	Yes ✓	No	NA
5. Was an attempt made to cool the samples?	Yes ✓	No	NA
6. Were all samples received at a temperature of >0° C to 6.0°C	Yes ✓	No	NA
7. Sample(s) in proper container(s)?	Yes ✓	No	
8. Sufficient sample volume for indicated test(s)?	Yes ✓	No	
9. Are samples (except VOA and ONG) properly preserved?	Yes ✓	No	
10. Was preservative added to bottles?	Yes	No ✓	NA
11. VOA vials have zero headspace?	Yes	No	No VOA Vials ✓
12. Were any sample containers received broken?	Yes	No ✓	
13. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ✓	No	# of preserved bottles checked for pH:
14. Are matrices correctly identified on Chain of Custody?	Yes ✓	No	(<2 or >12 unless noted)
15. Is it clear what analyses were requested?	Yes ✓	No	Adjusted?
16. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ✓	No	Checked by:

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes No NA ✓

Person Notified: Date:

By Whom: Via: eMail Phone Fax In Person

Regarding:

Client Instructions:

18. Additional remarks:

19. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.0	Good	Yes			

Chain-of-Custody Record

Client: Animas Environmental Services

Mailing Address: 624 E. Comanche
Farmington, NM 87401

Phone #: 505-564-2281

email or Fax#:

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☐ Standard ☒ Rush Same Day

Project Name:
Enterprise Hubbard LS #2

Project #:

Project Manager:
T. Ross

Sampler: H. Woods / K. Christiansen

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.3 °C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1301369
1/10/13	1119	Soil	SC-6	MeOH Kit / 4oz	MeOH / —	-001
1/10/13	1120	Soil	SC-7	MeOH Kit / 4oz	MeOH / —	-002
1/10/13	1120	Soil	SC-8	MeOH Kit / 4oz	MeOH / —	-003
1/10/13	1232	Soil	SC-10	MeOH Kit / 4oz	MeOH / —	-004
1/10/13	1234	Soil	SC-11	MeOH Kit / 4oz	MeOH / —	-005
1/10/13	1236	Soil	SC-12	MeOH Kit / 4oz	MeOH / —	0006

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
X		X									
X		X									
X		X									
X		X									
X		X									
X		X									

Date:	Time:	Relinquished by:	Received by:	Date	Time
1/10/13	1734	Heather M. Woods	Christine Walters	1/10/13	1734
1/10/13	1751	Christine Walters			

Remarks: Bill to Enterprise Field Services

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

January 25, 2013

Tami Ross

Animas Environmental Services
624 East Comanche
Farmington, NM 87401
TEL: (505) 793-2072
FAX

RE: Enterprise Hubbard LS #2 OrderNo.: 1301623

Dear Tami Ross:

Hall Environmental Analysis Laboratory received 2 sample(s) on 1/18/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1301623**
Date Reported: **1/25/2013**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Project: Enterprise Hubbard LS #2
Lab ID: 1301623-001 **Matrix:** SOIL

Client Sample ID: South Base
Collection Date: 1/17/2013 11:55:00 AM
Received Date: 1/18/2013 9:53:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **MMD**
Diesel Range Organics (DRO)	210	9.7		mg/Kg	1	1/24/2013 2:41:54 AM
Surr: DNOP	82.6	72.4-120		%REC	1	1/24/2013 2:41:54 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	120	9.4		mg/Kg	2	1/23/2013 2:14:53 AM
Surr: BFB	423	84-116	S	%REC	2	1/23/2013 2:14:53 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.094		mg/Kg	2	1/23/2013 2:14:53 AM
Toluene	ND	0.094		mg/Kg	2	1/23/2013 2:14:53 AM
Ethylbenzene	ND	0.094		mg/Kg	2	1/23/2013 2:14:53 AM
Xylenes, Total	1.1	0.19		mg/Kg	2	1/23/2013 2:14:53 AM
Surr: 4-Bromofluorobenzene	120	80-120		%REC	2	1/23/2013 2:14:53 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: North Base
Project: Enterprise Hubbard LS #2
Collection Date: 1/17/2013 11:58:00 AM
Lab ID: 1301623-002 **Matrix:** SOIL **Received Date:** 1/18/2013 9:53:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **MMD**
Diesel Range Organics (DRO)	850	100		mg/Kg	10	1/24/2013 3:10:41 PM
Surr: DNOP	0	72.4-120	S	%REC	10	1/24/2013 3:10:41 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	150	9.9		mg/Kg	2	1/23/2013 3:12:20 AM
Surr: BFB	527	84-116	S	%REC	2	1/23/2013 3:12:20 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.099		mg/Kg	2	1/23/2013 3:12:20 AM
Toluene	ND	0.099		mg/Kg	2	1/23/2013 3:12:20 AM
Ethylbenzene	ND	0.099		mg/Kg	2	1/23/2013 3:12:20 AM
Xylenes, Total	1.3	0.20		mg/Kg	2	1/23/2013 3:12:20 AM
Surr: 4-Bromofluorobenzene	124	80-120	S	%REC	2	1/23/2013 3:12:20 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1301623**

25-Jan-13

Client: Animas Environmental Services

Project: Enterprise Hubbard LS #2

Sample ID **MB-5768**	SampType: **MBLK**	TestCode: **EPA Method 8015B: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **5768**	RunNo: **8179**
Prep Date: **1/22/2013**	Analysis Date: **1/22/2013**	SeqNo: **236584** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	11		10.00		108	72.4	120			

Sample ID **LCS-5768**	SampType: **LCS**	TestCode: **EPA Method 8015B: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **5768**	RunNo: **8179**
Prep Date: **1/22/2013**	Analysis Date: **1/22/2013**	SeqNo: **236585** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	10	50.00	0	84.1	47.4	122			
Surr: DNOP	5.8		5.000		117	72.4	120			

Sample ID **MB-5753**	SampType: **MBLK**	TestCode: **EPA Method 8015B: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **5753**	RunNo: **8204**
Prep Date: **1/21/2013**	Analysis Date: **1/23/2013**	SeqNo: **237449** Units: **%REC**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.8		10.00		98.4	72.4	120			

Sample ID **LCS-5753**	SampType: **LCS**	TestCode: **EPA Method 8015B: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **5753**	RunNo: **8204**
Prep Date: **1/21/2013**	Analysis Date: **1/23/2013**	SeqNo: **237450** Units: **%REC**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.3		5.000		106	72.4	120			

Sample ID **MB-5814**	SampType: **MBLK**	TestCode: **EPA Method 8015B: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **5814**	RunNo: **8204**
Prep Date: **1/24/2013**	Analysis Date: **1/24/2013**	SeqNo: **238133** Units: **%REC**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.8		10.00		97.7	72.4	120			

Sample ID **LCS-5814**	SampType: **LCS**	TestCode: **EPA Method 8015B: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **5814**	RunNo: **8204**
Prep Date: **1/24/2013**	Analysis Date: **1/24/2013**	SeqNo: **238134** Units: **%REC**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.4		5.000		109	72.4	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1301623**

25-Jan-13

Client: Animas Environmental Services

Project: Enterprise Hubbard LS #2

Sample ID **MB-5742**	SampType: **MBLK**	TestCode: **EPA Method 8015B: Gasoline Range**
Client ID: **PBS**	Batch ID: **5742**	RunNo: **8172**
Prep Date: **1/18/2013**	Analysis Date: **1/21/2013**	SeqNo: **236303** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	970		1000		97.5	84	116			

Sample ID **LCS-5742**	SampType: **LCS**	TestCode: **EPA Method 8015B: Gasoline Range**
Client ID: **LCSS**	Batch ID: **5742**	RunNo: **8172**
Prep Date: **1/18/2013**	Analysis Date: **1/21/2013**	SeqNo: **236304** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.5	74	117			
Surr: BFB	860		1000		86.1	84	116			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1301623**

25-Jan-13

Client: Animas Environmental Services

Project: Enterprise Hubbard LS #2

Sample ID **MB-5742**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **5742**	RunNo: **8172**
Prep Date: **1/18/2013**	Analysis Date: **1/21/2013**	SeqNo: **236326** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		105	80	120			

Sample ID **LCS-5742**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **5742**	RunNo: **8172**
Prep Date: **1/18/2013**	Analysis Date: **1/21/2013**	SeqNo: **236327** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.050	1.000	0	98.8	80	120			
Toluene	0.99	0.050	1.000	0	98.9	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Xylenes, Total	3.0	0.10	3.000	0	100	80	120			
Surr: 4-Bromofluorobenzene	0.84		1.000		84.3	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Animas Environmental — Work Order Number: 1301623

Received by/date: AG 01/18/13

Logged By: **Michelle Garcia** 1/18/2013 9:53:00 AM Michelle Garcia

Completed By: **Michelle Garcia** 1/18/2013 4:14:36 PM Michelle Garcia

Reviewed By: AG 01/18/13

Chain of Custody

1. Were seals intact? Yes ☐ No ☐ Not Present ☑
2. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
3. How was the sample delivered? Courier

Log In

4. Coolers are present? (see 19. for cooler specific information) Yes ☑ No ☐ NA ☐
5. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☑ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
10. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
11. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☑
12. Were any sample containers received broken? Yes ☐ No ☑
13. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
14. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
15. Is it clear what analyses were requested? Yes ☑ No ☐
16. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

18. Additional remarks:

19. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

Chain-of-Custody Record

Client: Animas Environmental Services

Mailing Address: 624 E. Comanche
Farmington, NM 87401

Phone #: 505-564-2281

email or Fax#:

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name:
Enterprise Hubbard LS #2

Project #:

Project Manager:
T. Ross

Sampler: H. Woods

On Ice: ☒ Yes ☐ No

Sample Temperature: 6°

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1301123	BTEX + [illegible] (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / [illegible])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
1/17/13	1155	Soil	HW South Base	1-4 oz	—	-001	X		X									
1/17/13	1158	Soil	North Base	1-4 oz	—	-002	X		X									

Date:	Time:	Relinquished by:	Received by:	Date	Time
1/17/13	1715	Heather M. Woods	Christie Walters	1/17/13	1715
1/17/13	1737	Christie Walters		01/18/13	0953

Remarks: Bill to Enterprise Field Services

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

Hall Environmental Analysis Laboratory
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Website: www.hallenvironmental.com

February 14, 2013

Tami Ross

Animas Environmental Services
624 East Comanche
Farmington, NM 87401
TEL: (505) 793-2072
FAX

RE: Enterprise Hubbard LS #2 OrderNo.: 1302383

Dear Tami Ross:

Hall Environmental Analysis Laboratory received 3 sample(s) on 2/12/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1302383**
Date Reported: **2/14/2013**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SC-1 SC-7 (lrc 4/5/13)
Project: Enterprise Hubbard LS #2
Collection Date: 2/11/2013 11:32:00 AM
Lab ID: 1302383-001 **Matrix:** MEOH (SOIL) **Received Date:** 2/12/2013 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.050		mg/Kg	1	2/12/2013 1:34:58 PM
Toluene	ND	0.050		mg/Kg	1	2/12/2013 1:34:58 PM
Ethylbenzene	ND	0.050		mg/Kg	1	2/12/2013 1:34:58 PM
Xylenes, Total	0.22	0.10		mg/Kg	1	2/12/2013 1:34:58 PM
Surr: 4-Bromofluorobenzene	110	80-120		%REC	1	2/12/2013 1:34:58 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SC-3 SC-9 (Irc 4/5/13)
Project: Enterprise Hubbard LS #2
Collection Date: 2/11/2013 12:00:00 PM
Lab ID: 1302383-002
Matrix: MEOH (SOIL)
Received Date: 2/12/2013 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **MMD**
Diesel Range Organics (DRO)	540	200		mg/Kg	20	2/12/2013 11:33:32 AM
Surr: DNOP	0	72.4-120	S	%REC	20	2/12/2013 11:33:32 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	980	100		mg/Kg	20	2/12/2013 12:08:39 PM
Surr: BFB	475	84-116	S	%REC	20	2/12/2013 12:08:39 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.50		mg/Kg	20	2/12/2013 12:08:39 PM
Toluene	ND	1.0		mg/Kg	20	2/12/2013 12:08:39 PM
Ethylbenzene	ND	1.0		mg/Kg	20	2/12/2013 12:08:39 PM
Xylenes, Total	11	2.0		mg/Kg	20	2/12/2013 12:08:39 PM
Surr: 4-Bromofluorobenzene	118	80-120		%REC	20	2/12/2013 12:08:39 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH greater than 2
RL	Reporting Detection Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Client Sample ID: SC-5 SC-11 (lrc 4/5/13)
Project: Enterprise Hubbard LS #2
Collection Date: 2/11/2013 1:09:00 PM
Lab ID: 1302383-003
Matrix: MEOH (SOIL)
Received Date: 2/12/2013 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **MMD**
Diesel Range Organics (DRO)	440	200		mg/Kg	20	2/12/2013 11:55:18 AM
Surr: DNOP	0	72.4-120	S	%REC	20	2/12/2013 11:55:18 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	1200	250		mg/Kg	50	2/12/2013 12:37:21 PM
Surr: BFB	265	84-116	S	%REC	50	2/12/2013 12:37:21 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.2		mg/Kg	50	2/12/2013 12:37:21 PM
Toluene	ND	2.5		mg/Kg	50	2/12/2013 12:37:21 PM
Ethylbenzene	ND	2.5		mg/Kg	50	2/12/2013 12:37:21 PM
Xylenes, Total	43	5.0		mg/Kg	50	2/12/2013 12:37:21 PM
Surr: 4-Bromofluorobenzene	112	80-120		%REC	50	2/12/2013 12:37:21 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1302383**

14-Feb-13

Client: Animas Environmental Services

Project: Enterprise Hubbard LS #2

Sample ID **MB-6087**	SampType: **MBLK**	TestCode: **EPA Method 8015B: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **6087**	RunNo: **8596**
Prep Date: **2/12/2013**	Analysis Date: **2/12/2013**	SeqNo: **247253** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	10		10.00		102	72.4	120			

Sample ID **LCS-6087**	SampType: **LCS**	TestCode: **EPA Method 8015B: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **6087**	RunNo: **8596**
Prep Date: **2/12/2013**	Analysis Date: **2/12/2013**	SeqNo: **247254** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	85.2	47.4	122			
Surr: DNOP	5.0		5.000		99.8	72.4	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1302383**

14-Feb-13

Client: Animas Environmental Services

Project: Enterprise Hubbard LS #2

Sample ID **MB-6071**	SampType: **MBLK**	TestCode: **EPA Method 8015B: Gasoline Range**
Client ID: **PBS**	Batch ID: **R8602**	RunNo: **8602**
Prep Date: **2/11/2013**	Analysis Date: **2/12/2013**	SeqNo: **247588** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	84	116			

Sample ID **LCS-6071**	SampType: **LCS**	TestCode: **EPA Method 8015B: Gasoline Range**
Client ID: **LCSS**	Batch ID: **R8602**	RunNo: **8602**
Prep Date: **2/11/2013**	Analysis Date: **2/12/2013**	SeqNo: **247589** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	113	62.6	136			
Surr: BFB	1200		1000		118	84	116			S

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1302383**

14-Feb-13

Client: Animas Environmental Services

Project: Enterprise Hubbard LS #2

Sample ID **MB-6071**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **R8602**	RunNo: **8602**
Prep Date: **2/11/2013**	Analysis Date: **2/12/2013**	SeqNo: **247604** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		105	80	120			

Sample ID **LCS-6071**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **R8602**	RunNo: **8602**
Prep Date: **2/11/2013**	Analysis Date: **2/12/2013**	SeqNo: **247605** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.050	1.000	0	95.2	80	120			
Toluene	0.94	0.050	1.000	0	93.6	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.0	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.6	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		113	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Animas Environmental — Work Order Number: 1302383

Received by/date: MG 02/12/13

Logged By: **Lindsay Mangin** 2/12/2013 9:50:00 AM

Completed By: **Lindsay Mangin** 2/12/2013 9:52:53 AM

Reviewed By: 02/12/13

Chain of Custody

1. Were seals intact? Yes ☐ No ☐ Not Present ☑
2. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
3. How was the sample delivered? Courier

Log In

4. Coolers are present? (see 19. for cooler specific information) Yes ☑ No ☐ NA ☐
5. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☑ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
10. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
11. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☑
12. Were any sample containers received broken? Yes ☐ No ☑
13. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
14. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
15. Is it clear what analyses were requested? Yes ☑ No ☐
16. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

18. Additional remarks:

19. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

Chain-of-Custody Record

Client: Animas Environmental Services

Mailing Address: 624 E. Comanche
Farmington, NM 87401

Phone #: 505-564-2281

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☐ Standard ☒ Rush Same Day

Project Name:
Enterprise Hubbard LS #2

Project #:

Project Manager:
T. Ross

Sampler: H. Woods

On Ice: ☐ Yes ☐ No

Sample Temperature: 1.0

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1302383	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
2/11/13	1132	Soil	SC-1	MeOH Kit 4oz	MeOH	-001	X															
2/11/13	1209	Soil	SC-3	MeOH Kit 4oz	MeOH	-002	X		X													
2/11/13	1309	Soil	SC-5	MeOH Kit 4oz	MeOH	-003	X		X													

Remarks: Bill to Enterprise Field Services

Date:	Time:	Relinquished by:	Received by:	Date	Time
2/11/13	1747	Heather M. Woods	Christie Wade	2/11/13	1747
2/11/13	1757	Christie Wade	Michelle Garcia	02/12/13	0950

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR ☐ Initial Report ☒ Final Report

Name of Company: Enterprise Field Services, LLC	Contact: Aaron Dailey
Address: 614 Reilly Ave, Farmington, New Mexico	Telephone No: (505) 599-2124
Facility Name: Trunk K Pipeline	Facility Type: Natural Gas Pipeline

Surface Owner: BLM	Mineral Owner: BLM	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	26	27N	08W	2620	North	80	East	San Juan

Latitude 36.54468 Longitude -107.64407

NATURE OF RELEASE

Type of Release: Condensate/Produced Water Mix	Volume of Release: 30-40 BBL	Volume Recovered: NA
Source of Release: Natural Gas Pipeline Release	Date and Hour of Occurrence: 09/12/2012 @ 08:00hours (estimated)	Date and Hour of Discovery 09/12/2012 @ 09:15 hours
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Mr. Brandon Powell (NMOCD), Ms. Sherrie Landon (BLM), Mr. Dedeaux (NRC): NRC Case Number: 1024192	
By Whom? Aaron Dailey	Date and Hour: OCD Aztec contacted (B. Powell) 9/12/2012 @ 08:17 hours; NRC contacted 9/12/2012 @ 10:20 hours	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

RCVD APR 24 '13
OIL CONS. DIV.
DIST. 3

If a Watercourse was Impacted, Describe Fully.*
No Watercourse Reached.

Describe Cause of Problem and Remedial Action Taken.* Natural Gas Condensate and produced water was released from the Trunk K Pipeline. Due to the close proximity of the pipeline to Largo Canyon Wash (approximately 160 feet away from release location), the NRC and NMOCD were contacted, environmental emergency personnel contacted, an emergency one-call initiated. The release area was contained and initial cleanup response began once the pipeline was blown down. The pipeline section was repaired after the multiple corrosion holes were located on this section of pipe.

Describe Area Affected and Cleanup Action Taken.* Enterprise and third party environmental emergency personnel arrived on-site to assess and begin removal of hydrocarbon contaminated soil within the right-of-way. The areas affected are the soil surrounding the pipeline within the right-of-way and the soil to the east of the pipeline to approximately 30 feet from the high-water mark of Largo Canyon Wash. An area of approximately 55 feet by 5 feet by 6 feet long has been excavated for pipeline inspection. Contaminated soil from within the right-of-way was transported to the Envirotech Soil Remediation Facility, Landfarm #2. The BLM and OCD Aztec district personnel were on site to inspect contaminated soil located outside of the pipeline right-of-way. The portion of the release area in the wash bench was treated in-situ with successful results as evidenced by the third party analytic results attached to this "final" c-141 report. Please refer to the attached third party corrective action report for specific remedial actions and analytic supporting documentation.

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:	OIL CONSERVATION DIVISION
Printed Name: Matt Marra	Approved by Environmental Specialist: Jonathan D. Kelly
Title: Sr. Director, Environmental	Approval Date: 5/21/2013 Expiration Date:
E-mail Address: memarra@eprod.com	Conditions of Approval: Attached ☐
Date: 4-3-2013 Phone: (713) 381-6684	

* Attach Additional Sheets If Necessary

nJK 1314152494

(142)

ENTERPRISE PRODUCTS
TRUNK K PIPELINE
SPILL CLEANUP REPORT
SECTION 26, TOWNSHIP 27 NORTH, RANGE 8 WEST
SAN JUAN COUNTY, NEW MEXICO

TABLE OF CONTENTS

INTRODUCTION

Envirotech, Inc. of Farmington, New Mexico, was contacted by Enterprise Products to provide spill cleanup activities at the Enterprise Products, Trunk K Pipeline, located in San Juan County, New Mexico; see enclosed ***Figure 1, Vicinity Map***. Cleanup activities included sampling, analysis, disposal of hydrocarbon impacted soil, documentation and reporting. Condensate was released from the Trunk K Pipeline due to multiple small holes resulting from pipe degradation. After the pipeline was isolated, due to the close proximity of the pipeline to Largo Canyon Wash (approximately 160 feet), the Bureau of Land Management (BLM) and New Mexico Oil Conservation Division (NMOCD) were contacted. An emergency one-call was then initiated and the area of release was contained; see enclosed ***Figure 2, Site Map*** and ***Appendix B, Site Photography***.

ACTIVITIES PERFORMED

Envirotech, Inc. was contacted on September 12, 2012, with a request to perform cleanup activities at the above referenced location. Upon arrival, a brief site assessment was conducted and the regulatory standards for the site were determined to be 100 parts per million (ppm) total petroleum hydrocarbons (TPH) and 100 ppm organic vapors, due to a horizontal distance to surface water less than 200 feet from the location, a depth to ground water less than 50 feet, and a distance to a wellhead protection area greater 1000 feet, pursuant to NMOCD Guidelines for Remediation of Leaks, Spills, and Releases. Areas of concern included a hydrocarbon impacted area of 48 feet x 20 feet beginning on the pipe line right-of-way, and 140 feet x 18 feet in the lower wash area, located approximately 50 feet east of County Road 4990; see enclosed ***Figure 2, Site Map.***

The entire area of release was divided into three (3) main sections: top north, top south, and lower wash area (bottom). Six (6) composite samples were collected; one (1) from the top north surface and one (1) from three (3) feet BGS; one (1) from the south surface and one (1) from three (3) feet BGS; one (1) from the lower bottom wash at the surface and one (1) from three (3) feet BGS. Samples were analyzed in the field for organic vapors using a Photoionization Detector (PID). All samples returned results above the regulatory standard for organic vapors. The samples were then collected into four (4)-ounce glass jars, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015, and benzene and total BTEX using USEPA Method 8021. All samples, with the exception of the top north at three (3) feet BGS, returned results above regulatory standards for all constituents analyzed; see enclosed ***Table 1, Summary of Analytical Results – Spill Cleanup Samples***. Envirotech, Inc. recommended excavation of the pipe line right-of-way and re-sampling.

Envirotech personnel returned to the site on September 13, 2012, to continue spill cleanup and assessment activities. Energy Maintenance Services (EMS) personnel of Bloomfield, New Mexico arrived on-site to assess and begin removal of hydrocarbon contaminated soil within the

right-of-way, using an excavator. The affected areas included the soil surrounding the pipeline, within the right-of-way, and the soil to the east of the pipeline, approximately 30 feet from the high-water mark of Largo Canyon Wash. An area of approximately 55 feet by five (5) feet by six (6) feet deep had been excavated for pipeline inspection. During excavation of the upper ridge, there was historical soil contamination found down towards the pipe line. Contaminated soil from within the right-of-way was transported to Envirotech's NMOCD permitted Soil Remediation Facility, Landfarm #2 near Hill Top, New Mexico; see enclosed ***Appendix C, Bills of Lading***. The BLM was on-site to inspect contaminated soil located outside of the pipeline right-of-way. During delineation activities, 16 samples were screened in the field for TPH using USEPA Method 418.1 and organic vapors using a photoionization detector to locate extents of release. Four (4) samples were collected from the lower wash (bottom), five (5) were collected from the south exposures of the pipe line excavation, five (5) were collected from the north exposures of the pipe line excavation, one (1) composite sample from the spoil pile of contaminated soil and one (1) composite of the entire pipe line trench. All samples, with the exception of the spoil pile and trench composite, returned results below regulatory limits for organic vapors. All samples returned results above regulatory standard for TPH; see enclosed ***Table 1, Summary of Analytical Results – Spill Cleanup Samples,*** and ***Figure 3, Delineation Map***. Samples collected from the north trench exposure and the trench contaminated center were collected into four (4)-ounce glass jars, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015 and benzene and total BTEX using USEPA Method 8021. Samples returned results above regulatory standards for all constituents analyzed, with the exception of benzene for the north trench exposure; see enclosed ***Table 1, Summary of Analytical Results – Spill Cleanup Samples*** and ***Appendix A, Analytical Results.*** Envirotech, Inc. recommended further excavation of the center west area of the trench and re-sampling.

Envirotech personnel returned to the site on September 18, 2012, to perform confirmation sampling of the contaminated center area of the excavation. The center west area was excavated to the extents of 15 feet and the center east was excavated to the extents of 19 feet from the pipe line by EMS personnel. During delineation, seven (7) samples were screened in the field for TPH using USEPA Method 418.1 and for organic vapors using a photoionization detector to locate the extents deeper into the excavation. Samples included one (1) composite of the north exposure inside the trench, one (1) composite of the south exposure inside the trench, one (1) composite of the center contamination inside of the trench, one (1) from the eastern side of the center contamination and three (3) from the western side of the center contamination, due to the visual staining highly concentrated on the west wall. The western wall was divided into a southwest and northwest section, both excavated at 22 feet away from the original trench. Samples returned results above regulatory standards for TPH, but below regulatory standards on organic vapors; see enclosed ***Table 1, Summary of Analytical Results – Spill Cleanup Samples*** and ***Table 2, Summary of Analytical Results – Closure Samples.*** Samples collected from the north, south, southwest and northwest exposures were collected into four (4)-ounce glass jars, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015. Samples returned results of non-detect, thus closing to regulatory standards the top excavation area of the pipeline

right-of-way; see enclosed ***Table 1, Summary of Analytical Results – Spill Cleanup Samples*** and ***Table 2, Summary of Analytical Results – Closure Samples*** and ***Appendix A, Analytical Results.*** Due to the lower wash (bottom) being located less than 200 feet from Largo Wash, the BLM and Enterprise Products requested that no heavy excavation be performed in that area. Envirotech, Inc recommended applying Micro Blaze to areas above regulatory standards in the lower wash area.

On September 12 and 13, 2012, approximately 614 cubic yards of contaminated soil were transported to Envirotech's NMOCD permitted soil remediation facility, Landfarm 2, located near Hilltop, New Mexico; see enclosed ***Appendix C, Bills of Lading***.

Envirotech personnel returned to the site on September 28, 2012, to apply Micro Blaze on the lower bottom wash. Upon arrival, a brief site assessment was conducted with Enterprise Environmental representative, Aaron Dailey, and the BLM representative, Sherry Landon. After the assessment, Envirotech personnel applied 150 gallons of Micro Blaze solution to the lower bottom wash area for the remediation of hydrocarbon impacted soil. Envirotech then informed Enterprise Products that, after a 30-day period, Envirotech personnel would return to collect samples of the affected area to monitor progress of the Micro Blaze remediation. Upon completion of all activities, the site will be re-contoured and re-seeded as specified by the BLM; see enclosed ***Figure 4, Micro Blaze Area.***

On October 18, 2012, Envirotech personnel returned to the site to collect samples from the affected area. Two (2) composite samples were collected; one (1) from the bottom north and one (1) from the bottom south. Both samples were placed into four (4)-ounce glass jars, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015 and benzene and total BTEX using USEPA Method 8021. The bottom north sample returned results below regulatory standard, but the bottom south composite returned results above regulatory standard for TPH. Both samples returned results below regulatory standard for benzene, but above regulatory standard for total BTEX; see enclosed ***Table 2, Summary of Analytical Results – Closure Samples*** and ***Appendix A, Analytical Results.*** Envirotech recommended additional application of Micro Blaze and returning for further sampling.

On December 4, 2012, Envirotech personnel returned to the site for additional application of Micro Blaze. Approximately 150 gallons of Micro Blaze solution was applied for the remediation of hydrocarbon impacted soil in the lower wash (bottom) south exposure.

On January 4, 2013, Envirotech personnel returned to the site for further sampling of the affected area. One (1) composite sample was collected from the bottom south area and placed into a four (4)-ounce glass jar, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for total BTEX using USEPA Method 8021. The sample returned results below the regulatory standard for total BTEX; see enclosed ***Table 2, Summary of Analytical Results – Closure Samples*** and ***Appendix A, Analytical Results.*** Envirotech recommends returning to sample lower south to be analyzed for TPH.

On March 7, 2013, Envirotech personnel returned to the site for further sampling of the affected area. One (1) composite sample was collected from the bottom south area and placed into a four (4)-ounce glass jar, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015. Sample returned results of non-detect for TPH see enclosed ***Table 2, Summary of Analytical Results – Closure Samples*** and ***Appendix A, Analytical Results.*** Envirotech recommends returning in the spring for reseeding and recon touring of the excavation area.

SUMMARY AND CONCLUSIONS

Spill cleanup activities were performed for a release of condensate on the Enterprise Products, Trunk K Pipeline, located in San Juan County, New Mexico. Approximately 614 cubic yards of contaminated soil were transported to Envirotech's NMOCD permitted soil remediation facility, Landfarm 2. Approximately 439 cubic yards of clean fill soil was transported back to the excavation site for recontouring and compaction purposes. The lower bottom wash area was treated with 300 gallons of Micro Blaze solution to provide low-impact remediation on vegetation. The site will also be re-contoured and re-seeded as specified by the BLM.

STATEMENT OF LIMITATIONS

Envirotech, Inc. has completed spill cleanup activities for the Enterprise Products, Trunk K Pipeline right-of-way, located in San Juan County, New Mexico. The work and services provided by Envirotech, Inc. were in accordance with the New Mexico Oil Conservation Division standards. All observations and conclusions provided here are based on the information and current site conditions found at the site of the incident.

The undersigned has conducted this service at the above referenced site; this work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry and hydrogeology.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,

ENVIROTECH, INC.

Kory Peine
Environmental Field Technician
kpeine@envirotech-inc.com

Reviewed by:

Greg Crabtree, PE
Environmental Manager
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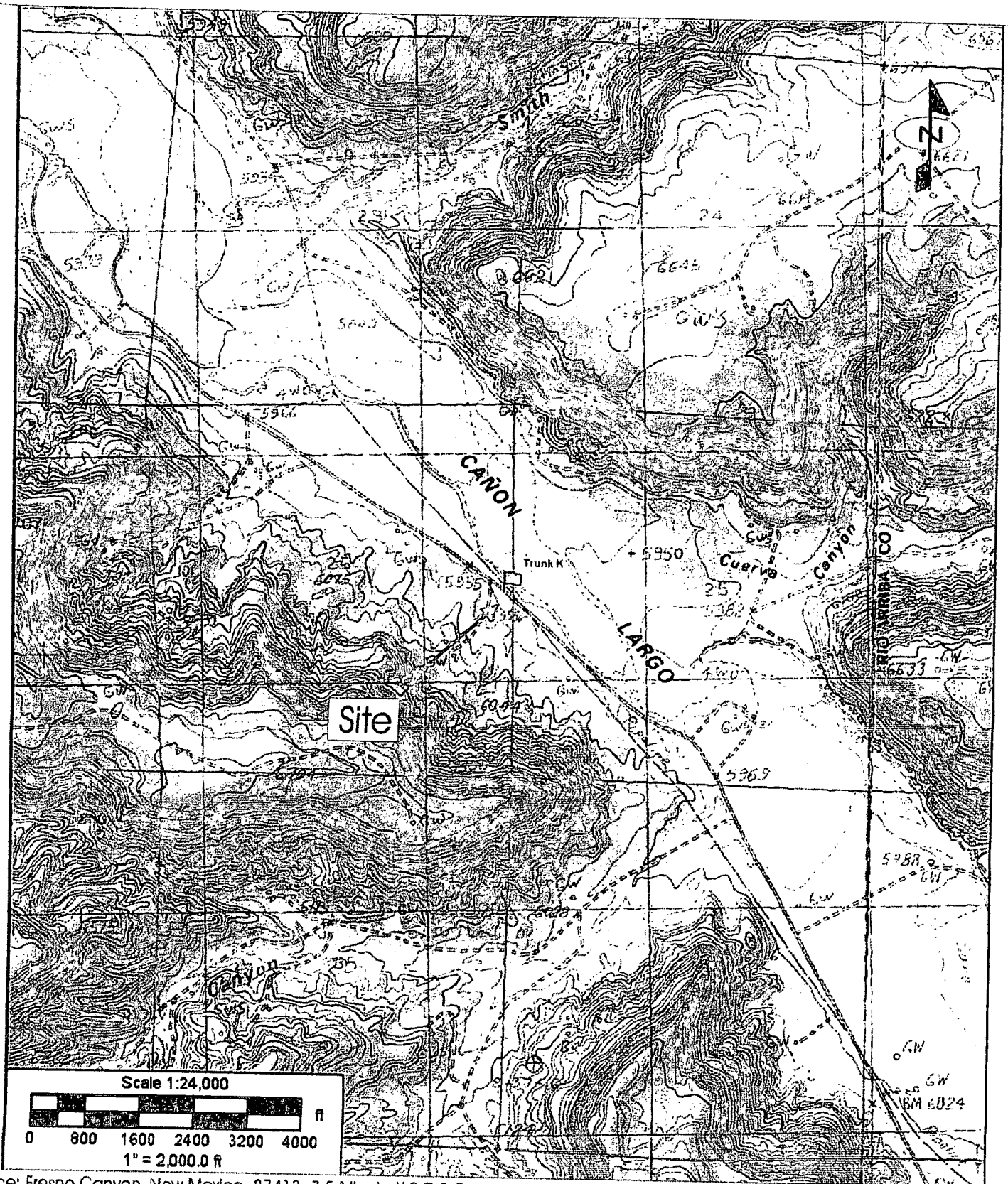
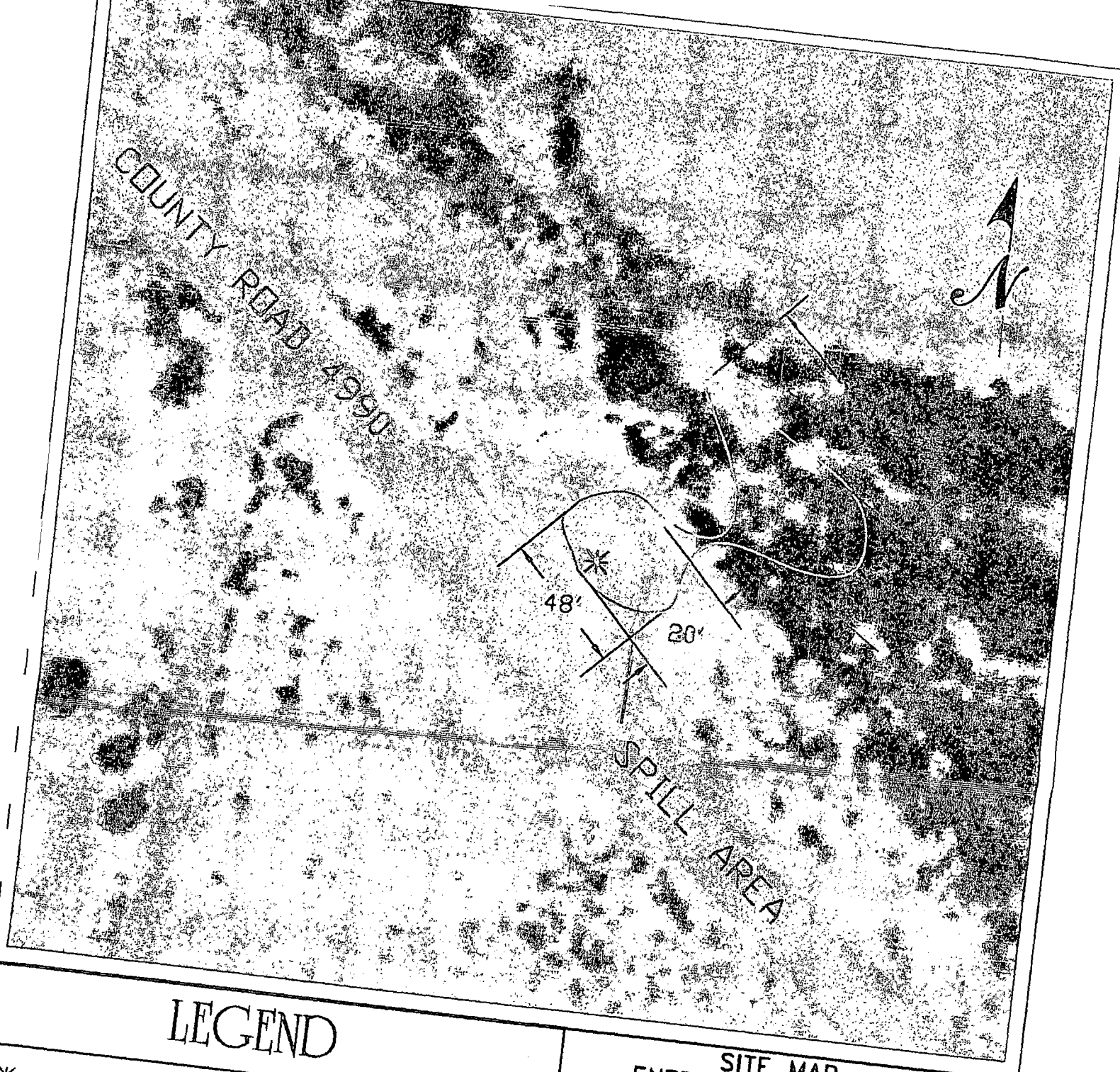
FIGURES



Source: Fresno Canyon, New Mexico 87413, 7.5 Minute U.S.G.S. Topographic Quadrangle Map
Scale: 1:24,000 1" = 2000'

Enterprise Products Spill Cleanup Report Trunk K Pipeline San Juan County, New Mexico	envirotech ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615	Vicinity Map Figure 1
PROJECT No 97057-0523 | Date Drawn: 10/3/12		DRAWN BY: Christopher Arrigo | PROJECT MANAGER: Greg Crabtree



LEGEND

* SOURCE OF SPILL

SPILL EXTENTS

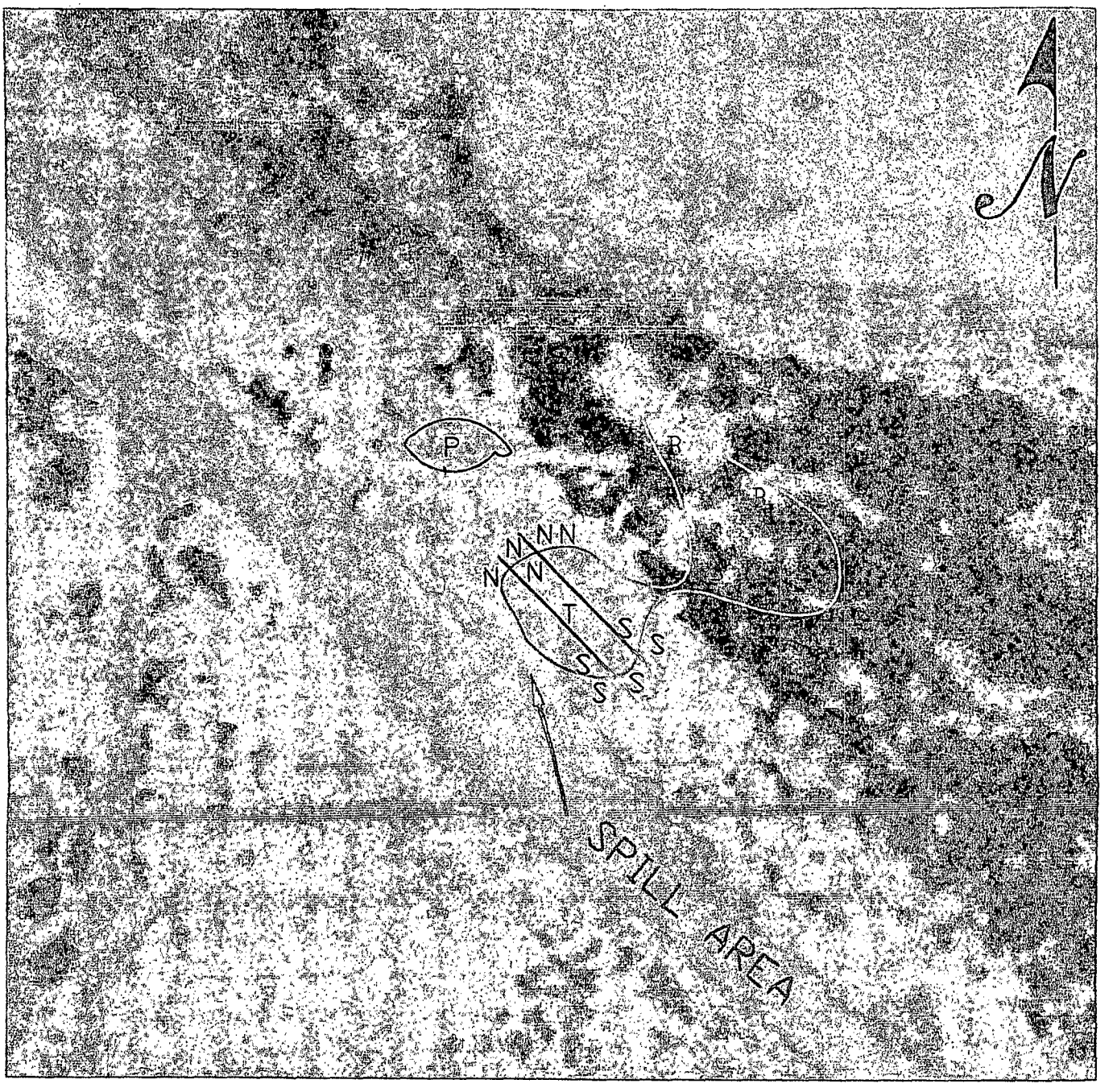
SITE MAP
ENTERPRISE PRODUCTS
TRUNK K SPILL CLEANUP
SEC 26, TWP 27N, RNG 8W
SAN JUAN COUNTY, NEW MEXICO

SCALE: NTS		
PROJECT N097057-0523	FIGURE NO. 2	REV

REVISIONS

NO.	DATE	BY	DESCRIPTION
MAP DRWN	KJP	0-12-12	BASE DRWN

ENVIRONMENTAL SCIENTISTS & ENGINEERS
ENVIROTECH
5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615



LEGEND

✳	SOURCE OF SPILL
⫽	TRENCH EXCAVATION
S	South Exposure
T	Trench Composite
N	North Exposure
B	Bottom Wash
P	Spoil Pile

DELINEATION MAP
ENTERPRISE PRODUCTS
TRUNK K SPILL CLEANUP
SEC 26, TWP 27N, RNG 8W
SAN JUAN COUNTY, NEW MEXICO

SCALE: NTS	FIGURE NO. 3	REV
PROJECT NO97057-0523		

REVISIONS

NO.	DATE	BY	DESCRIPTION

MAP DRWN KJP 10-12-12 BASE DRWN

ENVIRONMENTAL SCIENTISTS & ENGINEERS
ENVIROTECH
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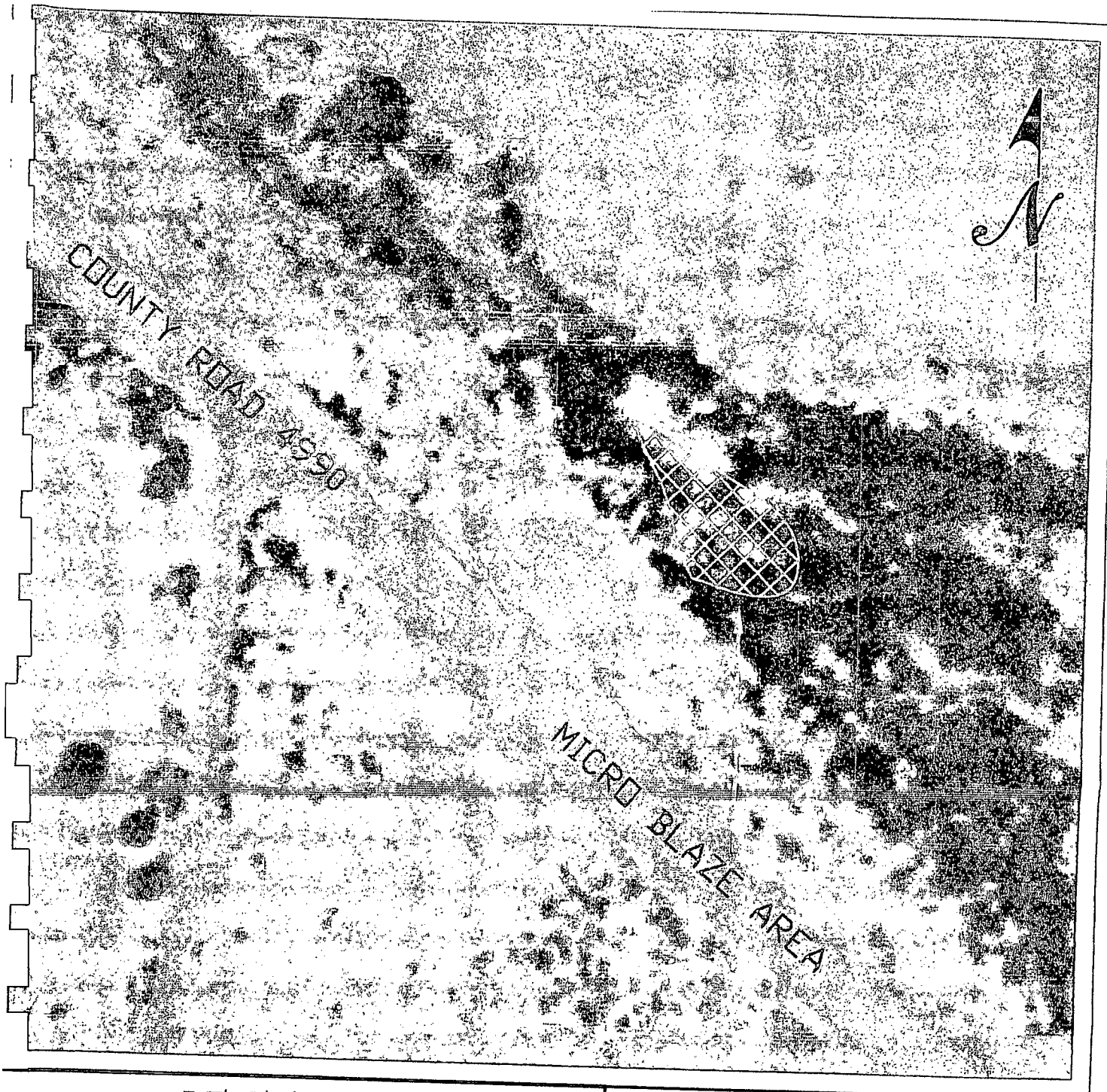

LEGEND

AREA OF MICRO BLAZE TREATMENT

MICRO BLAZE AREA
ENTERPRISE PRODUCTS
TRUNK K SPILL CLEANUP
SEC 26, TWP 27N, RNG 8W
SAN JUAN COUNTY, NEW MEXICO

SCALE: NTS	FIGURE NO. 4	REV
PROJECT NO97057-0523		

REVISIONS

NO.	DATE	BY	DESCRIPTION

MAP DRWN	KJP	0-16-12	BASE DRWN		

ENVIRONMENTAL SCIENTISTS & ENGINEERS
ENVIROTECH
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TABLES

Table 1, Summary of Analytical Results
Enterprise Products
Trunk K
Spill Cleanup Samples
Spill Cleanup Report
Project Number 97057-0523

Date	Sample Description	Sample Number	PID OV (ppm)	USEPA Method 418.1 TPH (ppm)	USEPA Method 8015 TPH (ppm)	USEPA Method 8021	
						Benzene (ppm)	BTEX (ppm)
NA	New Mexico Oil Conservation Division Standards	NA	100.0	100	100	10	50
9/12/2012	Top North Surface	1	**1,146.0**	NS	**661**	1.62	**162**
9/12/2012	Top North at 3' BGS	2	**218.0**	NS	5.9	ND	0.07
9/12/2012	Top South Surface	3	**723.0**	NS	**1,440**	0.03	7.68
9/12/2012	Top South at 3' BGS	4	**135.0**	NS	**1,130**	0.13	5.52
9/12/2012	Bottom Surface	5	**2,201.0**	NS	**14,000**	**25.3**	**939**
9/12/2012	Bottom at 3' BGS	6	**2,871.0**	NS	**4,550**	6.98	**334**
9/13/2012	2nd Bottom Surface	1	46.3	**4860**	NS	NS	NS
9/13/2012	Bottom at 8" BGS	2	91.0	**268**	NS	NS	NS
9/13/2012	Bottom at 2' BGS	3	8.1	**168**	NS	NS	NS
9/13/2012	Bottom at 3.5' BGS	4	5.4	**152**	NS	NS	NS
9/13/2012	Outer South Surface	5	2.3	**268**	NS	NS	NS
9/13/2012	Outer South at 8" BGS	6	23.6	**136**	NS	NS	NS
9/13/2012	Outer South at 2' BGS	7	5.7	**184**	NS	NS	NS
9/13/2012	Outer South at 3.5' BGS	8	3.2	**252**	NS	NS	NS
9/13/2012	Outer North Surface	9	1.9	**212**	NS	NS	NS
9/13/2012	Outer North at 8" BGS	10	1.4	**156**	NS	NS	NS
9/13/2012	Outer North at 2' BGS	11	1.2	**188**	NS	NS	NS
9/13/2012	Outer North at 3.5' BGS	12	1.3	**228**	NS	NS	NS
9/13/2012	Spoil Pile	13	**1,264.0**	**4616**	NS	NS	NS
9/13/2012	South Trench Comp	14	74.0	**284**	NS	NS	NS
9/13/2012	Trench Contaminated Center	15	**974.0**	**5028**	**37,100**	**68.1**	**1740.00**
9/13/2012	North Trench Comp	16	**1,093.0**	**7384**	**5,650**	0.005	**340.00**
9/18/2012	Center Comp	3	**352.0**	**616**	NS	NS	NS
9/18/2012	Center West 15'	4	**136.0**	**1,168**	NS	NS	NS
9/18/2012	Center East 19'	5	15.9	96	NS	NS	NS

Values in **BOLD** above regulatory limits
NS - Parameter not sampled ND - Parameter not detected
* - High surrogate recovery due to interference

Table 2, Summary of Analytical Results
Enterprise Products
Trunk K
Closure Samples
Spill Cleanup Report
Project Number 97057-0523

Date	Sample Description	Sample Number	PID OV (ppm)	USEPA Method 418.1 TPH (ppm)	USEPA Method 8015 TPH (ppm)	USEPA Method 8021	
						Benzene (ppm)	BTEX (ppm)
NA	New Mexico Oil Conservation Division Standards	NA	100.0	100	100	10	50
9/18/2012	North Exposure	1	7.0	**224**	*ND*	NS	NS
9/18/2012	South Exposure	2	25.8	**204**	*ND*	NS	NS
9/18/2012	Center Southwest 22'	6	33.6	**128**	*ND*	NS	NS
9/18/2012	Center Northwest 22'	7	27.3	**224**	*ND*	NS	NS
10/18/2012	Bottom North Comp	1	76.4	NS	58.1	*ND*	15.60
10/18/2012	Bottom South Comp	2	**223.3**	NS	**326**	*ND*	5.20
1/4/2013	Bottom South Comp	1	**1,562.0**	NS	NS	0.25	28.20
3/7/2013	Bottom South Comp	1	NS	NS	*ND*	NS	NS

Values in **BOLD** above regulatory limits
* - High surrogate recovery due to interference

NS - Parameter not sampled ND - Parameter not detected

APPENDIX A

Analytical Results

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	1	Date Reported:	2/8/2013
Sample ID:	North Exposure	Date Sampled:	9/18/2012
Sample Matrix:	Soil	Date Analyzed:	9/18/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**224**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

Kory Peine
Printed

Review

Toni McKnight, EIT
Printed

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envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	2	Date Reported:	2/8/2013
Sample ID:	South Exposure	Date Sampled:	9/18/2012
Sample Matrix:	Soil	Date Analyzed:	9/18/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**204**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

Kory Peine
Printed

Review

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envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	3	Date Reported:	2/8/2013
Sample ID:	Center Comp	Date Sampled:	9/18/2012
Sample Matrix:	Soil	Date Analyzed:	9/18/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**616**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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Printed

Review

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	4	Date Reported:	2/8/2013
Sample ID:	Center West 15'	Date Sampled:	9/18/2012
Sample Matrix:	Soil	Date Analyzed:	9/18/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**1,170**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	5	Date Reported:	2/8/2013
Sample ID:	Center East 19'	Date Sampled:	9/18/2012
Sample Matrix:	Soil	Date Analyzed:	9/18/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**96**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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Review

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	6	Date Reported:	2/8/2013
Sample ID:	Center Southwest 22'	Date Sampled:	9/18/2012
Sample Matrix:	Soil	Date Analyzed:	9/18/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**128**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

Kory Peine
Printed

Review

Toni McKnight, EIT
Printed

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	7	Date Reported:	2/8/2013
Sample ID:	Center Northwest 22'	Date Sampled:	9/18/2012
Sample Matrix:	Soil	Date Analyzed:	9/18/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**224**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

Kory Peine
Printed

Review

Toni McKnight, EIT
Printed

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 18-Sep-12

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	197
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Analyst

2/8/2013
Date

Kory Peine
Print Name

Review

2/8/2013
Date

Toni McKnight, EIT
Print Name

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Analytical Laboratory

Report Summary

Client: Enterprise

Chain of Custody Number: 14463

Samples Received: 09-19-12

Job Number: 97057-0523

Sample Number(s): 63279-63282

Project Name/Location: Spill Assessment/ Trunk K

Entire Report Reviewed By: _____ Date: 9/20/12

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

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Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Enterprise	Project #:	97057-0523
Sample ID:	North Exposure	Date Reported:	09-20-12
Laboratory Number:	63279	Date Sampled:	09-18-12
Chain of Custody No:	14463	Date Received:	09-19-12
Sample Matrix:	Soil	Date Extracted:	09-19-12
Preservative:	Cool	Date Analyzed:	09-19-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Spill Assesment / Trunk K**

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Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Enterprise	Project #:	97057-0523
Sample ID:	South Exposure	Date Reported:	09-20-12
Laboratory Number:	63280	Date Sampled:	09-18-12
Chain of Custody No:	14463	Date Received:	09-19-12
Sample Matrix:	Soil	Date Extracted:	09-19-12
Preservative:	Cool	Date Analyzed:	09-19-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Spill Assesment / Trunk K**

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Center Southwest 22'	Date Reported:	09-20-12
Laboratory Number:	63281	Date Sampled:	09-18-12
Chain of Custody No:	14463	Date Received:	09-19-12
Sample Matrix:	Soil	Date Extracted:	09-19-12
Preservative:	Cool	Date Analyzed:	09-19-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Spill Assesment / Trunk K**

envirotech
Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Center Northwest 22'	Date Reported:	09-20-12
Laboratory Number:	63282	Date Sampled:	09-18-12
Chain of Custody No:	14463	Date Received:	09-19-12
Sample Matrix:	Soil	Date Extracted:	09-19-12
Preservative:	Cool	Date Analyzed:	09-19-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Spill Assesment / Trunk K**

envirotech
Analytical Laboratory

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	0919TCAL QA/QC	Date Reported:	09-20-12
Laboratory Number:	63204	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-19-12
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	09-19-12	9.9960E+02	1.0000E+03	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	09-19-12	9.9960E+02	1.0000E+03	**0.04%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**23.4**	**26.1**	**11.5%**	**0 - 30%**
Diesel Range C10 - C28	**70.2**	**81.9**	**16.7%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**23.4**	**250**	**222**	**81.2%**	**75 - 125%**
Diesel Range C10 - C28	**70.2**	**250**	**281**	**87.8%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Was SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 63204-63213 and 63279-63282.**

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laboratory@envirotech-inc.com

14463

CHAIN OF CUSTODY RECORD

Client:	Project Name / Location:	ANALYSIS / PARAMETERS
Enterprise	spill Assessment / Trunk K	
Email results to: Kasy Peine	Sampler Name: K. Peine	
Client Phone No.:	Client No.: 97057-0523	

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative: $HgCl_2$	Preservative: HCl	Preservative: Cool	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
North Exposure	9-18-12	10:10	603279	1 4oz Jar			X	X													X	X
South Exposure	9-18-12	10:15	603280	1 4oz Jar			X	X													X	X
Center Southwest 22'	9-18-12	14:15	603281	1 4oz Jar			X	X													X	X
Center Northwest 22'	9-18-12	15:00	603282	1 4oz Jar			X	X													X	X

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kasy Peine	9-19-12	14:00		9/19/12	14:30
Relinquished by: (Signature)			Received by: (Signature)		

Sample Matrix
Soil ☑ Solid ☐ Sludge ☐ Aqueous ☐ Other ☐ _____

☐ Sample(s) dropped off after hours to secure drop off area.

Rush Please!!

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	1	Date Reported:	2/8/2013
Sample ID:	2nd Bottom Surface	Date Sampled:	9/13/2012
Sample Matrix:	Soil	Date Analyzed:	9/13/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**4,850**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

Kory Peine
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Review

Toni McKnight, EIT
Printed

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	2	Date Reported:	2/8/2013
Sample ID:	Bottom @ 8" BGS	Date Sampled:	9/13/2012
Sample Matrix:	Soil	Date Analyzed:	9/13/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**268**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	3	Date Reported:	2/8/2013
Sample ID:	Bottom @ 2' BGS	Date Sampled:	9/13/2012
Sample Matrix:	Soil	Date Analyzed:	9/13/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**168**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	4	Date Reported:	2/8/2013
Sample ID:	Bottom @ 3.5' BGS	Date Sampled:	9/13/2012
Sample Matrix:	Soil	Date Analyzed:	9/13/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**152**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	5	Date Reported:	2/8/2013
Sample ID:	Outer South Surface	Date Sampled:	9/13/2012
Sample Matrix:	Soil	Date Analyzed:	9/13/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**268**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	6	Date Reported:	2/8/2013
Sample ID:	Outer South @ 8" BGS	Date Sampled:	9/13/2012
Sample Matrix:	Soil	Date Analyzed:	9/13/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**136**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	7	Date Reported:	2/8/2013
Sample ID:	Outer South @ 2' BGS	Date Sampled:	9/13/2012
Sample Matrix:	Soil	Date Analyzed:	9/13/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**184**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	8	Date Reported:	2/8/2013
Sample ID:	Outer South @3.5' BGS	Date Sampled:	9/13/2012
Sample Matrix:	Soil	Date Analyzed:	9/13/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**252**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	9	Date Reported:	2/8/2013
Sample ID:	Outer North Surface	Date Sampled:	9/13/2012
Sample Matrix:	Soil	Date Analyzed:	9/13/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**212**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	10	Date Reported:	2/8/2013
Sample ID:	Outer North @ 8" BGS	Date Sampled:	9/13/2012
Sample Matrix:	Soil	Date Analyzed:	9/13/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**156**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	11	Date Reported:	2/8/2013
Sample ID:	Outer North @ 2' BGS	Date Sampled:	9/13/2012
Sample Matrix:	Soil	Date Analyzed:	9/13/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**188**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	12	Date Reported:	2/8/2013
Sample ID:	Outer North @ 3.5' BGS	Date Sampled:	9/13/2012
Sample Matrix:	Soil	Date Analyzed:	9/13/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**228**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	13	Date Reported:	2/8/2013
Sample ID:	Spoil Pile	Date Sampled:	9/13/2012
Sample Matrix:	Soil	Date Analyzed:	9/13/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**4,620**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	14	Date Reported:	2/8/2013
Sample ID:	South Trench Comp	Date Sampled:	9/13/2012
Sample Matrix:	Soil	Date Analyzed:	9/13/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**284**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	15	Date Reported:	2/8/2013
Sample ID:	Center Trench Contam	Date Sampled:	9/13/2012
Sample Matrix:	Soil	Date Analyzed:	9/13/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**5,030**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

Review

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Enterprise Products	Project #:	97057-0523
Sample No.:	16	Date Reported:	2/8/2013
Sample ID:	North Trench Comp	Date Sampled:	9/13/2012
Sample Matrix:	Soil	Date Analyzed:	9/13/2012
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**7,380**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments **Trunk K Pipeline**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Analyst

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Review

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 13-Sep-12

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	199
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Analyst

2/8/2013
Date

Kory Peine
Print Name

Review

2/8/2013
Date

Toni McKnight, EIT
Print Name

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Report Summary

Client: Enterprise

Chain of Custody Number: 14441

Samples Received: 09-14-12

Job Number: 97057-0523

Sample Number(s): 63232-63234

Project Name/Location: Spill Assessment/ Trunk K

Entire Report Reviewed By: _____ Date: 9/18/12

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Trench Contam Center	Date Reported:	09-17-12
Laboratory Number:	63232	Date Sampled:	09-13-12
Chain of Custody No:	14441	Date Received:	09-14-12
Sample Matrix:	Soil	Date Extracted:	09-14-12
Preservative:	Cool	Date Analyzed:	09-17-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**32,200**	**0.2**
Diesel Range (C10 - C28)	**4,880**	**0.1**
Total Petroleum Hydrocarbons	**37,100**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Spill Assessment/ Trunk K**

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Trench Comp	Date Reported:	09-17-12
Laboratory Number:	63233	Date Sampled:	09-13-12
Chain of Custody No:	14441	Date Received:	09-14-12
Sample Matrix:	Soil	Date Extracted:	09-14-12
Preservative:	Cool	Date Analyzed:	09-17-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1,190**	**0.2**
Diesel Range (C10 - C28)	**1,700**	**0.1**
Total Petroleum Hydrocarbons	**2,890**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Spill Assessment/ Trunk K**

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Enterprise	Project #:	97057-0523
Sample ID:	North Trench Comp	Date Reported:	09-17-12
Laboratory Number:	63234	Date Sampled:	09-13-12
Chain of Custody No:	14441	Date Received:	09-14-12
Sample Matrix:	Soil	Date Extracted:	09-14-12
Preservative:	Cool	Date Analyzed:	09-17-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**3,320**	**0.2**
Diesel Range (C10 - C28)	**2,330**	**0.1**
Total Petroleum Hydrocarbons	**5,650**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Spill Assessment/ Trunk K**

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EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	0917TCAL QA/QC	Date Reported:	09-17-12
Laboratory Number:	63232	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-17-12
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	09-17-12	9.9960E+02	1.0000E+03	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	09-17-12	9.9960E+02	1.0000E+03	**0.04%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**32,200**	**31,200**	**3.1%**	**0 - 30%**
Diesel Range C10 - C28	**4,880**	**4,920**	**0.8%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**32,200**	**250**	**27,300**	**84.1%**	**75 - 125%**
Diesel Range C10 - C28	**4,880**	**250**	**4,840**	**94.3%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Was SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 63232-63241**

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Trench Contam Center	Date Reported:	09-17-12
Laboratory Number:	63232	Date Sampled:	09-13-12
Chain of Custody:	14441	Date Received:	09-14-12
Sample Matrix:	Soil	Date Analyzed:	09-17-12
Preservative:	Cool	Date Extracted:	09-14-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	200

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**68,100**	**40.0**
Toluene	**547,000**	**40.0**
Ethylbenzene	**194,000**	**40.0**
p,m-Xylene	**612,000**	**40.0**
o-Xylene	**318,000**	**40.0**
Total BTEX	**1,740,000**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**145 %** *
	1,4-difluorobenzene	**137 %** *
	Bromochlorobenzene	**91.4 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846. USEPA, December 1996.

Comments: **Spill Assessment/ Trunk K**

* Note: High recovery due to interference

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Trench Comp	Date Reported:	09-17-12
Laboratory Number:	63233	Date Sampled:	09-13-12
Chain of Custody:	14441	Date Received:	09-14-12
Sample Matrix:	Soil	Date Analyzed:	09-17-12
Preservative:	Cool	Date Extracted:	09-14-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**3,310**	**10.0**
Toluene	**43,500**	**10.0**
Ethylbenzene	**12,900**	**10.0**
p,m-Xylene	**64,500**	**10.0**
o-Xylene	**26,900**	**10.0**
Total BTEX	**151,000**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**109 %**
	1,4-difluorobenzene	**107 %**
	Bromochlorobenzene	**104 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846. USEPA, December 1996.

Comments: **Spill Assessment/ Trunk K**

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Enterprise	Project #:	97057-0523
Sample ID:	North Trench Comp	Date Reported:	09-17-12
Laboratory Number:	63234	Date Sampled:	09-13-12
Chain of Custody:	14441	Date Received:	09-14-12
Sample Matrix:	Soil	Date Analyzed:	09-17-12
Preservative:	Cool	Date Extracted:	09-14-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	100

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**5,420**	**20.0**
Toluene	**90,300**	**20.0**
Ethylbenzene	**32,700**	**20.0**
p,m-Xylene	**149,000**	**20.0**
o-Xylene	**63,000**	**20.0**
Total BTEX	**340,000**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**104 %**
	1,4-difluorobenzene	**102 %**
	Bromochlorobenzene	**115 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846. USEPA, December 1996.

Comments: **Spill Assessment/ Trunk K**

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	0917BCA2 QA/QC	Date Reported:	09-17-12
Laboratory Number:	63232	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-17-12
Condition:	N/A	Analysis:	BTEX
		Dilution:	200

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0-15%	Blank Conc.	Detect. Limit
Benzene	7.3757E-06	7.4258E-06	0.007	ND	0.2
Toluene	7.1298E-06	7.1297E-06	0.000	ND	0.2
Ethylbenzene	8.0102E-06	8.0102E-06	0.000	ND	0.2
p,m-Xylene	5.7817E-06	5.8088E-06	0.005	ND	0.2
o-Xylene	8.1051E-06	8.1051E-06	0.000	ND	0.2

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	68100	62000	0.09	0 - 30%	40
Toluene	547000	574000	0.05	0 - 30%	40
Ethylbenzene	194000	212000	0.09	0 - 30%	40
p,m-Xylene	612000	648000	0.06	0 - 30%	40
o-Xylene	318000	350000	0.10	0 - 30%	40

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	68100	10000	57400	73.5	39 - 150
Toluene	547000	10000	552000	99.1	46 - 148
Ethylbenzene	194000	10000	200000	98.0	32 - 160
p,m-Xylene	612000	20000	615000	97.3	46 - 148
o-Xylene	318000	10000	323000	98.5	46 - 148

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for Samples 63232-63236**

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CHAIN OF CUSTODY RECORD

14441

Client:	Project Name / Location:	ANALYSIS / PARAMETERS
Enterprise	Spill Assessment / Trunk K	
Email results to:	Sampler Name:	
Kory Peire	K. Peire	
Client Phone No.:	Client No.:	
	97057-0523	

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
					$HgCl_2$	HCl	Cool															
Trench Contam Center	9-13-12	14:45	63232	1 4oz Jar			X	X	X												X	X
Trench Comp	9-13-12	14:25	63233	1 4oz Jar			X	X	X												X	X
North Trench Comp	9-13-12	14:45	63234	1 4oz Jar			X	X	X												X	X

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kory Peire	9-14-12	14:10		9/14/12	14:10
Relinquished by: (Signature)			Received by: (Signature)		

Sample Matrix

Soil ☑ Solid ☐ Sludge ☐ Aqueous ☐ Other ☐ _____

☐ Sample(s) dropped off after hours to secure drop off area.

Rush Please !!

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Report Summary

Client: Enterprise

Chain of Custody Number: 14434

Samples Received: 09-13-12

Job Number: 97057-0523

Sample Number(s): 63221-63226

Project Name/Location: Trunk 1K Spill

Entire Report Reviewed By: _____ Date: 09-17-12

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Top North Surface	Date Reported:	09-14-12
Laboratory Number:	63221	Date Sampled:	09-12-12
Chain of Custody No:	14434	Date Received:	09-13-12
Sample Matrix:	Soil	Date Extracted:	09-13-12
Preservative:	Cool	Date Analyzed:	09-14-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**417**	**0.2**
Diesel Range (C10 - C28)	**243**	**0.1**
Total Petroleum Hydrocarbons	**661**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Trunk 1K Spill**

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Top North at 3'	Date Reported:	09-14-12
Laboratory Number:	63222	Date Sampled:	09-12-12
Chain of Custody No:	14434	Date Received:	09-13-12
Sample Matrix:	Soil	Date Extracted:	09-13-12
Preservative:	Cool	Date Analyzed:	09-14-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**5.9**	**0.1**
Total Petroleum Hydrocarbons	**5.9**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Trunk 1K Spill**

66

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Top South Surface	Date Reported:	09-14-12
Laboratory Number:	63223	Date Sampled:	09-12-12
Chain of Custody No:	14434	Date Received:	09-13-12
Sample Matrix:	Soil	Date Extracted:	09-13-12
Preservative:	Cool	Date Analyzed:	09-14-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**975**	**0.2**
Diesel Range (C10 - C28)	**467**	**0.1**
Total Petroleum Hydrocarbons	**1,440**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Trunk 1K Spill**

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Top South at 3'	Date Reported:	09-14-12
Laboratory Number:	63224	Date Sampled:	09-12-12
Chain of Custody No:	14434	Date Received:	09-13-12
Sample Matrix:	Soil	Date Extracted:	09-13-12
Preservative:	Cool	Date Analyzed:	09-14-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**1,030**	**0.2**
Diesel Range (C10 - C28)	**98.6**	**0.1**
Total Petroleum Hydrocarbons	**1,130**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Trunk 1K Spill**

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Bottom Surface	Date Reported:	09-14-12
Laboratory Number:	63225	Date Sampled:	09-12-12
Chain of Custody No:	14434	Date Received:	09-13-12
Sample Matrix:	Soil	Date Extracted:	09-13-12
Preservative:	Cool	Date Analyzed:	09-14-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**12,300**	**0.2**
Diesel Range (C10 - C28)	**1,750**	**0.1**
Total Petroleum Hydrocarbons	**14,000**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Trunk 1K Spill**

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Bottom at 3'	Date Reported:	09-14-12
Laboratory Number:	63226	Date Sampled:	09-12-12
Chain of Custody No:	14434	Date Received:	09-13-12
Sample Matrix:	Soil	Date Extracted:	09-13-12
Preservative:	Cool	Date Analyzed:	09-14-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**3,740**	**0.2**
Diesel Range (C10 - C28)	**866**	**0.1**
Total Petroleum Hydrocarbons	**4,550**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Trunk 1K Spill**

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EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	09-14 QA/QC	Date Reported:	09-14-12
Laboratory Number:	63221	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-14-12
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	09-14-12	9.9960E+02	1.0000E+03	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	09-14-12	9.9960E+02	1.0000E+03	**0.04%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**417**	**447**	**7.0%**	**0 - 30%**
Diesel Range C10 - C28	**243**	**245**	**0.5%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**417**	**250**	**734**	**110%**	**75 - 125%**
Diesel Range C10 - C28	**243**	**250**	**573**	**116%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Was SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 63221-63226**

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Top North Surface	Date Reported:	09-14-12
Laboratory Number:	63221	Date Sampled:	09-12-12
Chain of Custody:	14434	Date Received:	09-13-12
Sample Matrix:	Soil	Date Analyzed:	09-14-12
Preservative:	Cool	Date Extracted:	09-13-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**1,620**	**10.0**
Toluene	**30,500**	**10.0**
Ethylbenzene	**15,700**	**10.0**
p,m-Xylene	**78,100**	**10.0**
o-Xylene	**35,600**	**10.0**
Total BTEX	**162,000**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**105 %**
	1,4-difluorobenzene	**93.4 %**
	Bromochlorobenzene	**164 %** *

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846. USEPA, December 1996.

Comments: **Trunk 1K Spill**

* Note: High recovery due to interference

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Top North at 3'	Date Reported:	09-14-12
Laboratory Number:	63222	Date Sampled:	09-12-12
Chain of Custody:	14434	Date Received:	09-13-12
Sample Matrix:	Soil	Date Analyzed:	09-14-12
Preservative:	Cool	Date Extracted:	09-13-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**10.0**
Toluene	**14.3**	**10.0**
Ethylbenzene	**ND**	**10.0**
p,m-Xylene	**39.6**	**10.0**
o-Xylene	**14.4**	**10.0**
Total BTEX	**68.3**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**85.3 %**
	1,4-difluorobenzene	**87.7 %**
	Bromochlorobenzene	**92.6 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846. USEPA, December 1996.

Comments: **Trunk 1K Spill**

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Top South Surface	Date Reported:	09-14-12
Laboratory Number:	63223	Date Sampled:	09-12-12
Chain of Custody:	14434	Date Received:	09-13-12
Sample Matrix:	Soil	Date Analyzed:	09-14-12
Preservative:	Cool	Date Extracted:	09-13-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**31.8**	**10.0**
Toluene	**752**	**10.0**
Ethylbenzene	**546**	**10.0**
p,m-Xylene	**4,820**	**10.0**
o-Xylene	**1,520**	**10.0**
Total BTEX	**7,680**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**80.9 %**
	1,4-difluorobenzene	**84.0 %**
	Bromochlorobenzene	**106 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846. USEPA, December 1996.

Comments: **Trunk 1K Spill**

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Top South at 3'	Date Reported:	09-14-12
Laboratory Number:	63224	Date Sampled:	09-12-12
Chain of Custody:	14434	Date Received:	09-13-12
Sample Matrix:	Soil	Date Analyzed:	09-14-12
Preservative:	Cool	Date Extracted:	09-13-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**128**	**10.0**
Toluene	**1,270**	**10.0**
Ethylbenzene	**335**	**10.0**
p,m-Xylene	**2,970**	**10.0**
o-Xylene	**815**	**10.0**
Total BTEX	**5,520**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**78.5 %**
	1,4-difluorobenzene	**80.1 %**
	Bromochlorobenzene	**94.9 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846. USEPA, December 1996.

Comments: **Trunk 1K Spill**

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Bottom Surface	Date Reported:	09-14-12
Laboratory Number:	63225	Date Sampled:	09-12-12
Chain of Custody:	14434	Date Received:	09-13-12
Sample Matrix:	Soil	Date Analyzed:	09-14-12
Preservative:	Cool	Date Extracted:	09-13-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	100

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**25,300**	**20.0**
Toluene	**287,000**	**20.0**
Ethylbenzene	**109,000**	**20.0**
p,m-Xylene	**339,000**	**20.0**
o-Xylene	**179,000**	**20.0**
Total BTEX	**939,000**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**146 %** *
	1,4-difluorobenzene	**140 %** *
	Bromochlorobenzene	**161 %** *

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846. USEPA, December 1996.

Comments: **Trunk 1K Spill**

* Note: High recovery due to interference

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Bottom at 3'	Date Reported:	09-14-12
Laboratory Number:	63226	Date Sampled:	09-12-12
Chain of Custody:	14434	Date Received:	09-13-12
Sample Matrix:	Soil	Date Analyzed:	09-14-12
Preservative:	Cool	Date Extracted:	09-13-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**6,980**	**10.0**
Toluene	**101,000**	**10.0**
Ethylbenzene	**35,100**	**10.0**
p,m-Xylene	**144,000**	**10.0**
o-Xylene	**47,500**	**10.0**
Total BTEX	**334,000**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**136 %** *
	1,4-difluorobenzene	**132 %** *
	Bromochlorobenzene	**104 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846. USEPA, December 1996.

Comments: **Trunk 1K Spill**

* Note: High recovery due to interference

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Bottom South Comp	Date Reported:	10-23-12
Laboratory Number:	63484	Date Sampled:	10-18-12
Chain of Custody:	14563	Date Received:	10-18-12
Sample Matrix:	Soil	Date Analyzed:	10-22-12
Preservative:	Cool	Date Extracted:	10-19-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**10.0**
Toluene	**484**	**10.0**
Ethylbenzene	**380**	**10.0**
p,m-Xylene	**2,890**	**10.0**
o-Xylene	**1,440**	**10.0**
Total BTEX	**5,200**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**84.9 %**
	1,4-difluorobenzene	**94.2 %**
	Bromochlorobenzene	**118 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846. USEPA, December 1996.

Comments: **Confirmation Sampling Trunk K**

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	1022BCAL QA/QC	Date Reported:	10-22-12
Laboratory Number:	63501	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-22-12
Condition:	N/A	Analysis:	BTEX
		Dilution:	50

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0-15%	Blank Conc.	Detect. Limit
Benzene	1.9390E-05	1.9390E-05	0.000	ND	0.2
Toluene	1.4597E-05	1.4597E-05	0.000	ND	0.2
Ethylbenzene	1.5044E-05	1.5044E-05	0.000	ND	0.2
p,m-Xylene	1.0728E-05	1.0728E-05	0.000	ND	0.2
o-Xylene	1.4998E-05	1.4998E-05	0.000	ND	0.2

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	18.1	15.6	0.14	0 - 30%	10
Toluene	16.3	16.5	0.01	0 - 30%	10
Ethylbenzene	ND	ND	0.00	0 - 30%	10
p,m-Xylene	18.1	18.3	0.01	0 - 30%	10
o-Xylene	ND	ND	0.00	0 - 30%	10

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	18.1	2500	2260	89.8	39 - 150
Toluene	16.3	2500	2300	91.4	46 - 148
Ethylbenzene	ND	2500	2310	92.4	32 - 160
p,m-Xylene	18.1	5000	4600	91.7	46 - 148
o-Xylene	ND	2500	2320	92.8	46 - 148

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for Samples 63466-467, 63483-63484, 63501-63502 and 63505-63507**

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CHAIN OF CUSTODY RECORD

14563

Client:	Project Name / Location:	ANALYSIS / PARAMETERS
Enterprise	Confirmation Sampling Trunk K	
Email results to: K. Peine	Sampler Name: K. Peine	
Client Phone No.:	Client No.: 97057-0523	

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative $HgCl_2$	Preservative HCl	Preservative Cool	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
Bottom North Comp	10-18-12	10:45	603483	1 4oz Jar			X	X	X												Y	Y
Bottom South Comp	10-18-12	11:00	603484	1 4oz Jar			X	X	X												Y	Y

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10-18-12	13:00		10/18/12	13:00
Relinquished by: (Signature)			Received by: (Signature)		

Sample Matrix

Soil ☑ Solid ☐ Sludge ☐ Aqueous ☐ Other ☐ _____

☐ Sample(s) dropped off after hours to secure drop off area.

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Report Summary

Client: Enterprise

Chain of Custody Number: 15048

Samples Received: 01-04-13

Job Number: 97057-0523

Sample Number(s): 64060

Project Name/Location: Trunk K Confirmation Sampling

Entire Report Reviewed By: _____ Date: 1/8/13

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Enterprise	Project #:	97057-0523
Sample ID:	Bottom South	Date Reported:	01-07-13
Laboratory Number:	64060	Date Sampled:	01-04-13
Chain of Custody:	15048	Date Received:	01-04-13
Sample Matrix:	Soil	Date Analyzed:	01-07-13
Preservative:	Cool	Date Extracted:	01-04-13
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	500

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**252**	**100.0**
Toluene	**8,010**	**100.0**
Ethylbenzene	**1,510**	**100.0**
p,m-Xylene	**14,500**	**100.0**
o-Xylene	**3,930**	**100.0**
Total BTEX	**28,200**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**25.7 %** *
	1,4-difluorobenzene	**19.4 %** *
	Bromochlorobenzene	**21.1 %** *

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

***Note: Recovery low due to matrix interference.**

Comments: Trunk K Confirmation Sampling

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	0107BCA2 QA/QC	Date Reported:	01-07-13
Laboratory Number:	64060	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-07-13
Condition:	N/A	Analysis:	BTEX
		Dilution:	500

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF: (Accept. Range 0-15%)	%Diff.	Blank Conc	Detect. Limit
Benzene	2.5270E-06	2.5270E-06	**0.000**	**ND**	**0.2**
Toluene	3.0375E-06	3.0375E-06	**0.000**	**ND**	**0.2**
Ethylbenzene	1.9095E-06	1.9095E-06	**0.000**	**ND**	**0.2**
p,m-Xylene	1.7972E-06	1.7972E-06	**0.000**	**ND**	**0.2**
o-Xylene	1.9470E-06	1.9470E-06	**0.000**	**ND**	**0.2**

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	**252**	**265**	**0.1**	**0 - 30%**	**100**
Toluene	**8010**	**6200**	**0.2**	**0 - 30%**	**100**
Ethylbenzene	**1510**	**1520**	**0.1**	**0 - 30%**	**100**
p,m-Xylene	**14500**	**13500**	**0.1**	**0 - 30%**	**100**
o-Xylene	**3930**	**3520**	**0.1**	**0 - 30%**	**100**

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**252**	**25000**	**7470**	**29.6 ***	**39 - 150**
Toluene	**8010**	**25000**	**15800**	**47.9**	**46 - 148**
Ethylbenzene	**1510**	**25000**	**5120**	**19.3 ***	**32 - 160**
p,m-Xylene	**14500**	**50000**	**21100**	**32.7 ***	**46 - 148**
o-Xylene	**3930**	**25000**	**7500**	**25.9 ***	**46 - 148**

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

***Note:** Recoveries low due to matrix interference

Comments: QA/QC for Sample 64060

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CHAIN OF CUSTODY RECORD

15048

Client: Enterprise	Project Name / Location: Trunk K Confirmation Sampling
Email results to: K. Peine	Sampler Name: K. Peine T. McIntosh
Client Phone No.:	Client No.: 97057-0523

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative: $HgCl_2$	Preservative: HCl	Preservative: Cool	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
Bottom South	1-4-13	9:15	040100	1 4oz Jar			X		X												X	X
			P301013-01A																			

	Date	Time		Date	Time
Relinquished by: (Signature)	1-4-13	11:00	Received by: (Signature) Jennifer Hanes	1-4-13	11:04
Relinquished by: (Signature)			Received by: (Signature)		

Sample Matrix

Soil ☑ Solid ☐ Sludge ☐ Aqueous ☐ Other ☐ _____

☐ Sample(s) dropped off after hours to secure drop off area.

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Analytical Report

Report Summary

Client: Enterprise Products

Chain Of Custody Number: 15268

Samples Received: 3/6/2013 4:20:00PM

Job Number: 97057-0523

Work Order: P303015

Project Name/Location: Trunk K Confirmation Sampling

Entire Report Reviewed By: _____ Date: 3/7/13

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

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Enterprise Products	Project Name:	Trunk K Confirmation Sampling	
614 Reilly Ave	Project Number:	97057-0523	**Reported:**
Farmington NM, 87401	Project Manager:	Kory Peine	07-Mar-13 17:02

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Bottom South Comp	P303015-01A	Soil	03/04/13	03/06/13	Glass Jar, 4 oz.

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Enterprise Products	Project Name:	Trunk K Confirmation Sampling	
614 Reilly Ave	Project Number:	97057-0523	**Reported:**
Farmington NM, 87401	Project Manager:	Kory Peine	07-Mar-13 17:02

Bottom South Comp

P303015-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	5.0	mg/kg	0.998	1310014	07-Mar-13	07-Mar-13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	5.0	mg/kg	0.998	1310014	07-Mar-13	07-Mar-13	EPA 8015D	
GRO and DRO Combined Fractions	ND	5.0	mg/kg	0.998	1310014	07-Mar-13	07-Mar-13	EPA 8015D	

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Enterprise Products	Project Name:	Trunk K Confirmation Sampling	
614 Reilly Ave	Project Number:	97057-0523	**Reported:**
Farmington NM, 87401	Project Manager:	Kory Peine	07-Mar-13 17:02

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1310014 - GRO/DRO Extraction EPA 3550C										
Blank (1310014-BLK1)				Prepared: 06-Mar-13 Analyzed: 07-Mar-13						
Gasoline Range Organics (C6-C10)	ND	5.0	mg/kg							
Diesel Range Organics (C10-C28)	ND	5.0	"							
GRO and DRO Combined Fractions	ND	5.0	"							
Duplicate (1310014-DUP1)	**Source: P303013-03**			Prepared: 06-Mar-13 Analyzed: 07-Mar-13						
Gasoline Range Organics (C6-C10)	1210	5.0	mg/kg		1290			6.15	30	
Diesel Range Organics (C10-C28)	122	5.0	"		138			12.6	30	
Matrix Spike (1310014-MS1)	**Source: P303013-03**			Prepared: 06-Mar-13 Analyzed: 07-Mar-13						
Gasoline Range Organics (C6-C10)	1560		mg/L	250	1290	106	75-125			
Diesel Range Organics (C10-C28)	352		"	250	138	85.6	75-125			

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Enterprise Products	Project Name:	Trunk K Confirmation Sampling	
614 Reilly Ave	Project Number:	97057-0523	**Reported:**
Farmington NM, 87401	Project Manager:	Kory Peine	07-Mar-13 17:02

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Rush Please !!!

CHAIN OF CUSTODY RECORD

15268

Client: Enterprise	Project Name / Location: Tank K Confirmation Sampling
Email results to: K. Peine	Sampler Name: K. Peine
Client Phone No.:	Client No.: 97057-0523

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative $HgCl_2$	Preservative HCl	Preservative Cool	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
Bottom South Comp	3-4-13	11:15	P303015-01	1 4oz Jar			X	X													Y	Y

Relinquished by: (Signature)		Date	Time	Received by: (Signature)	Date	Time
		3-6-13	16:20		3/6/13	16:20
Relinquished by: (Signature)				Received by: (Signature)		

Sample Matrix

Soil ☑ Solid ☐ Sludge ☐ Aqueous ☐ Other ☐ _____

☐ Sample(s) dropped off after hours to secure drop off area.

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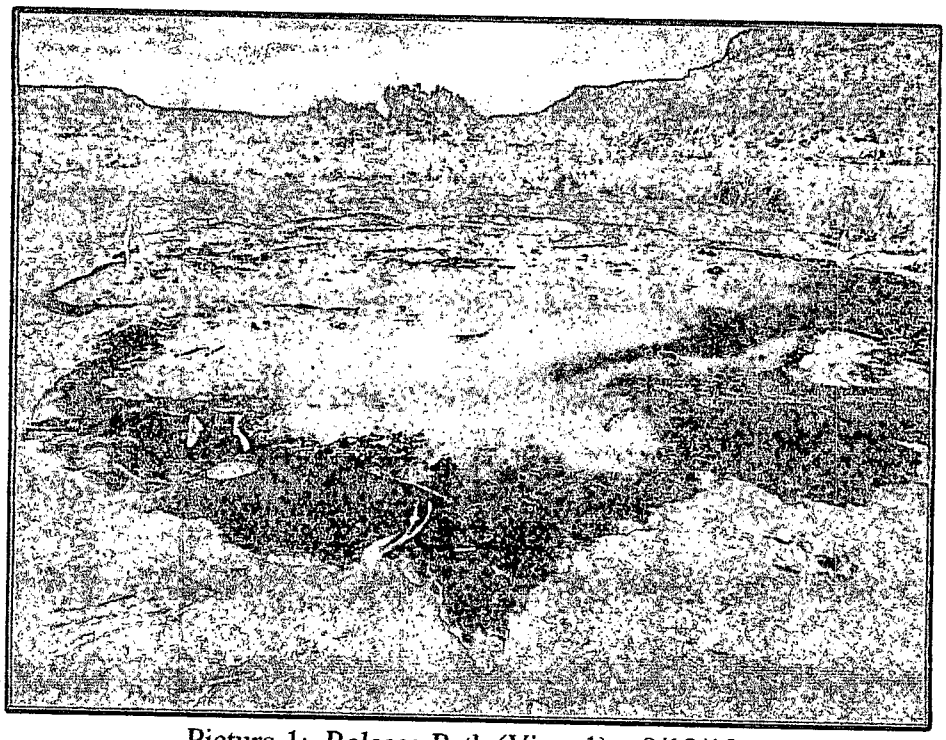
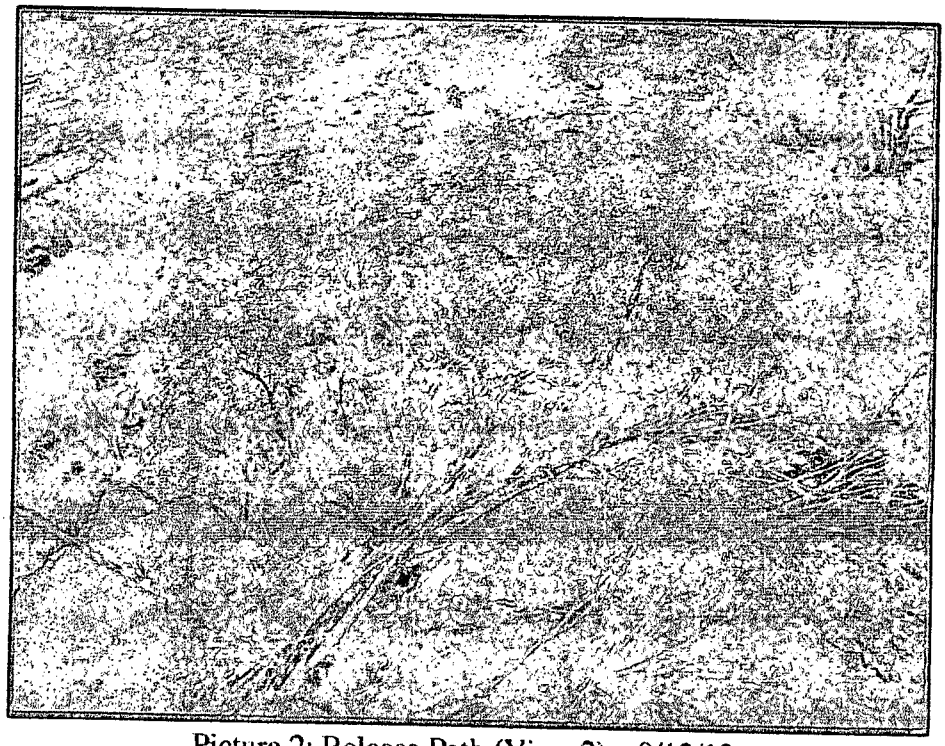
APPENDIX B

Site Photography

SITE PHOTOGRAPHY
ENTERPRISE PRODUCTS
SPILL CLEANUP REPORT
TRUNK K PIPELINE
PROJECT NUMBER 97057-0523
SEPTEMBER 2012

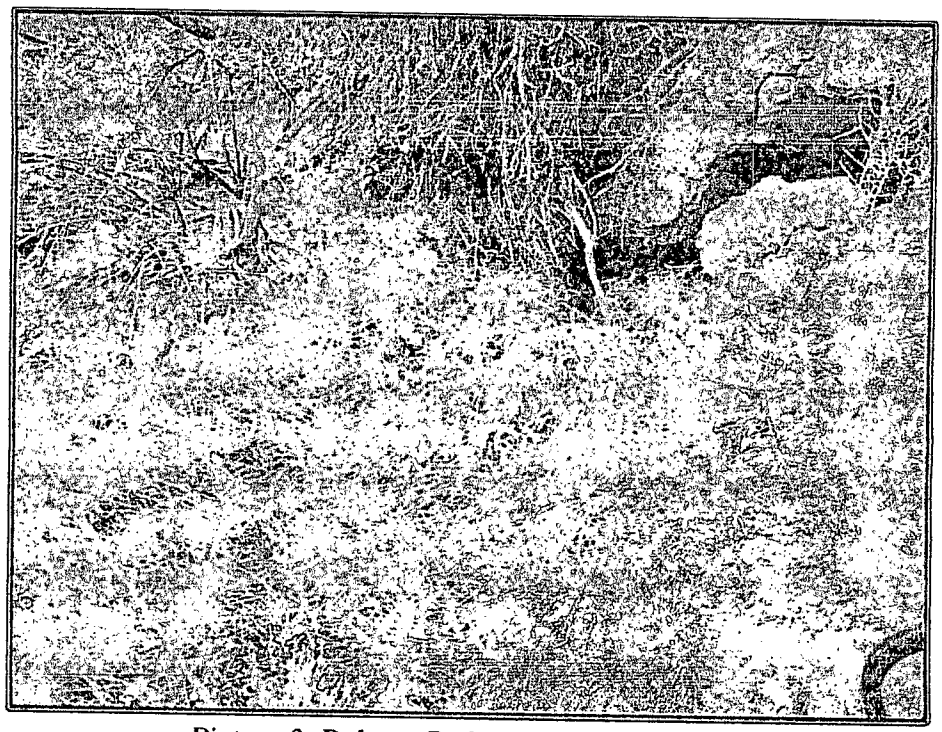


Picture 1: Release Path (View 1) – 9/12/12

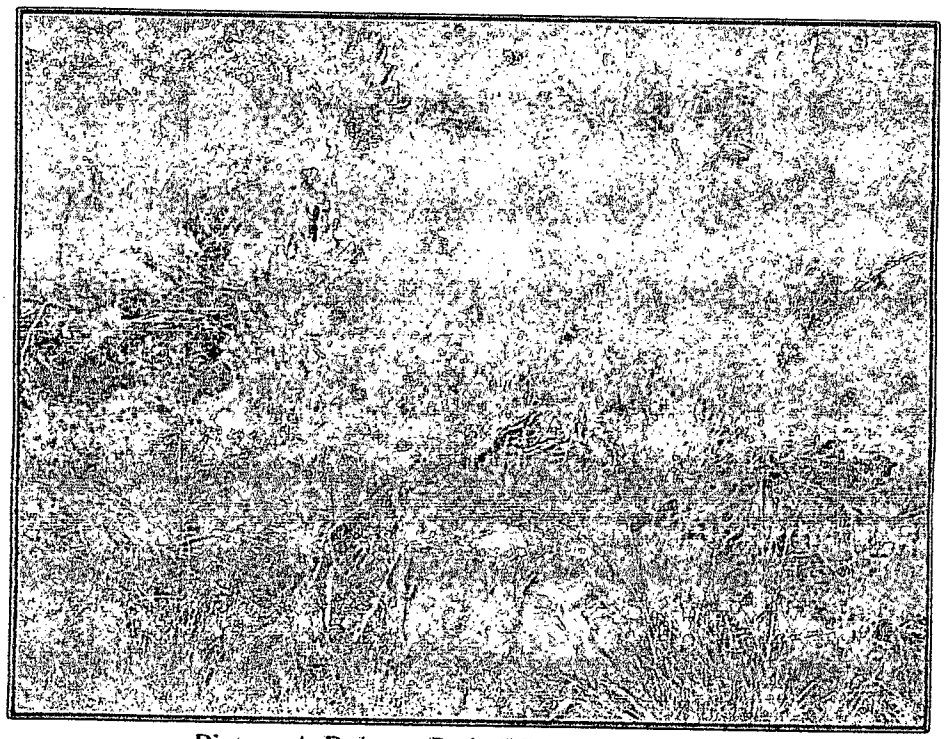


Picture 2: Release Path (View 2) – 9/12/12

SITE PHOTOGRAPHY
ENTERPRISE PRODUCTS
SPILL CLEANUP REPORT
TRUNK K PIPELINE
PROJECT NUMBER 97057-0523
SEPTEMBER 2012



Picture 3: Release Path (View 3) – 9/12/12



Picture 4: Release Path (View 4) – 9/12/12

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PROJECT NUMBER 97057-0523
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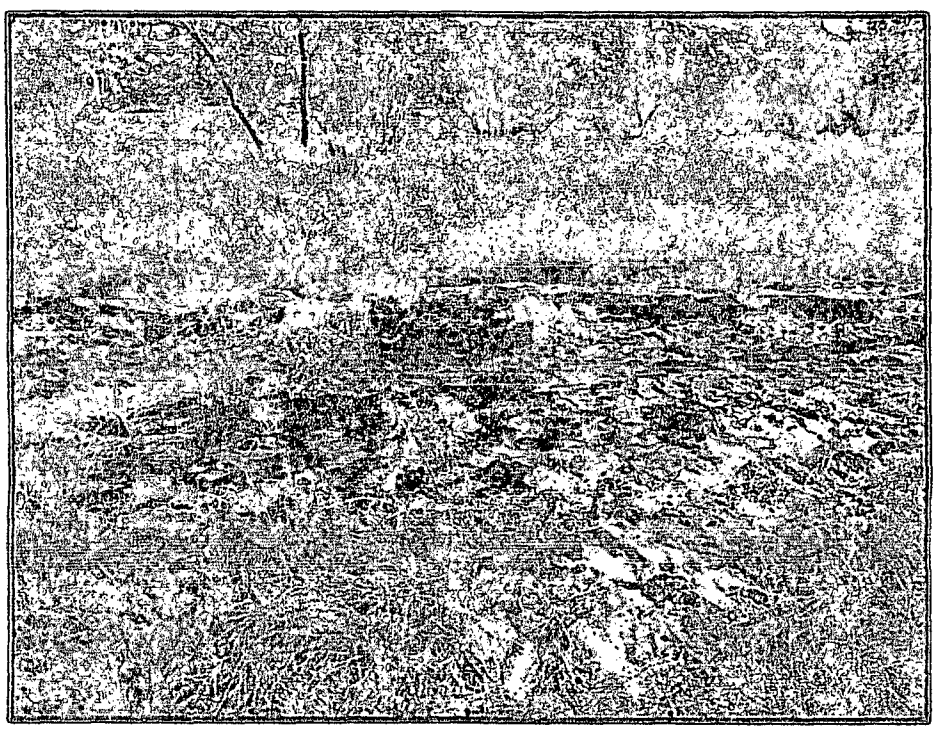
Picture 5: Release Path (View 5) – 9/12/12



Picture 6: Release Path (View 6) – 9/12/12

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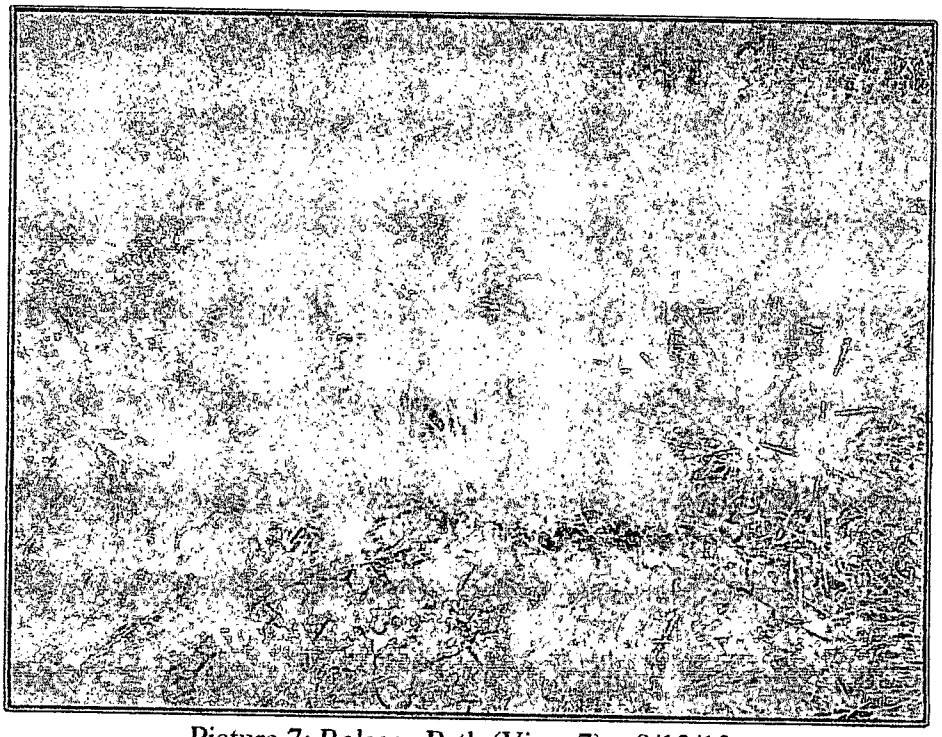
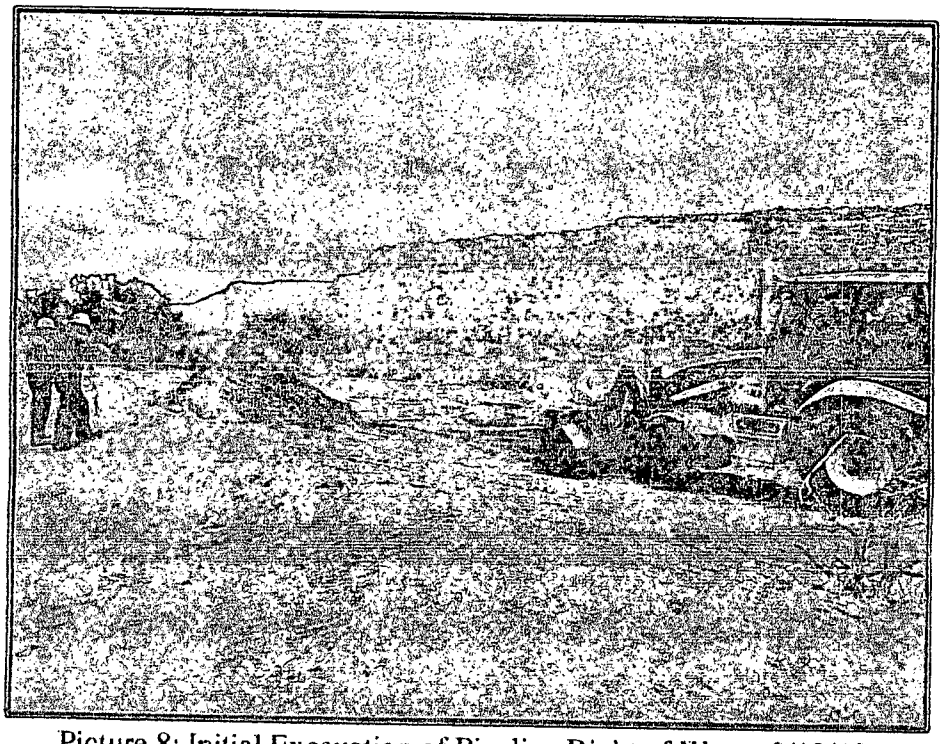
PROJECT NUMBER 97057-0523
SEPTEMBER 2012



Picture 7: Release Path (View 7) – 9/12/12



Picture 8: Initial Excavation of Pipeline Right of Way – 9/13/12

SITE PHOTOGRAPHY
ENTERPRISE PRODUCTS
SPILL CLEANUP REPORT
TRUNK K PIPELINE
PROJECT NUMBER 97057-0523
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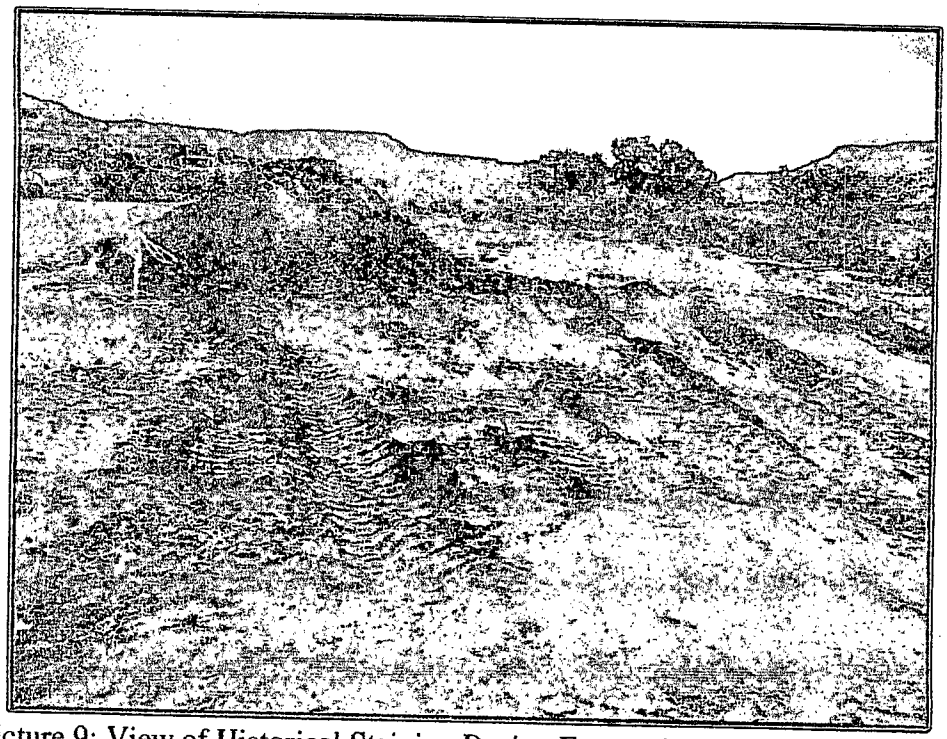
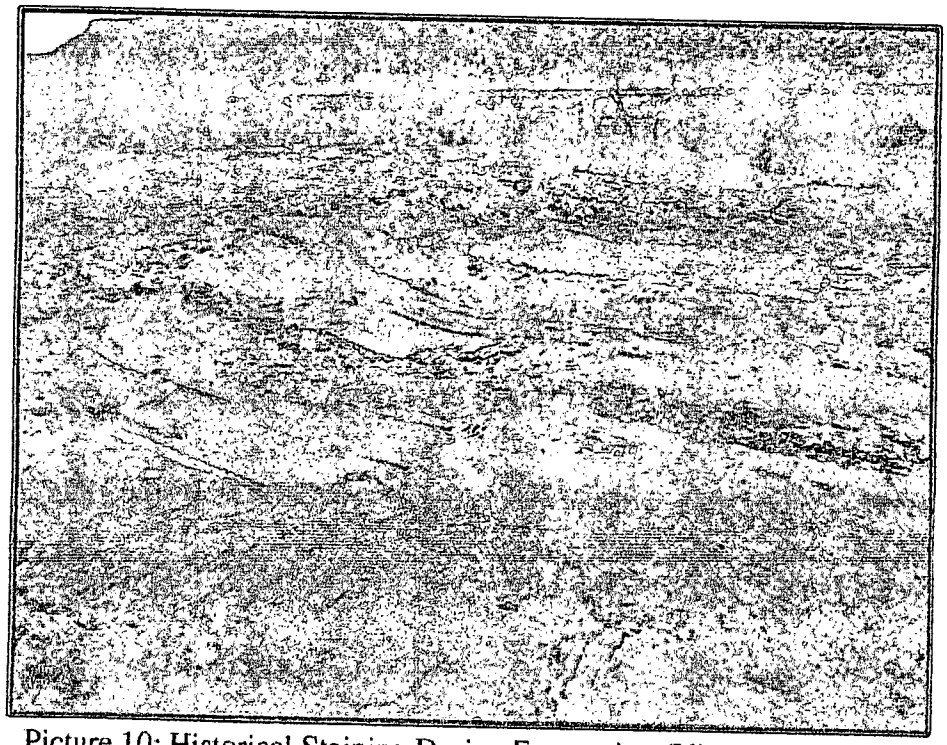


Picture 9: View of Historical Staining During Excavation (View 1) – 9/13/12



Picture 10: Historical Staining During Excavation (View 2) – 9/13/12

SITE PHOTOGRAPHY
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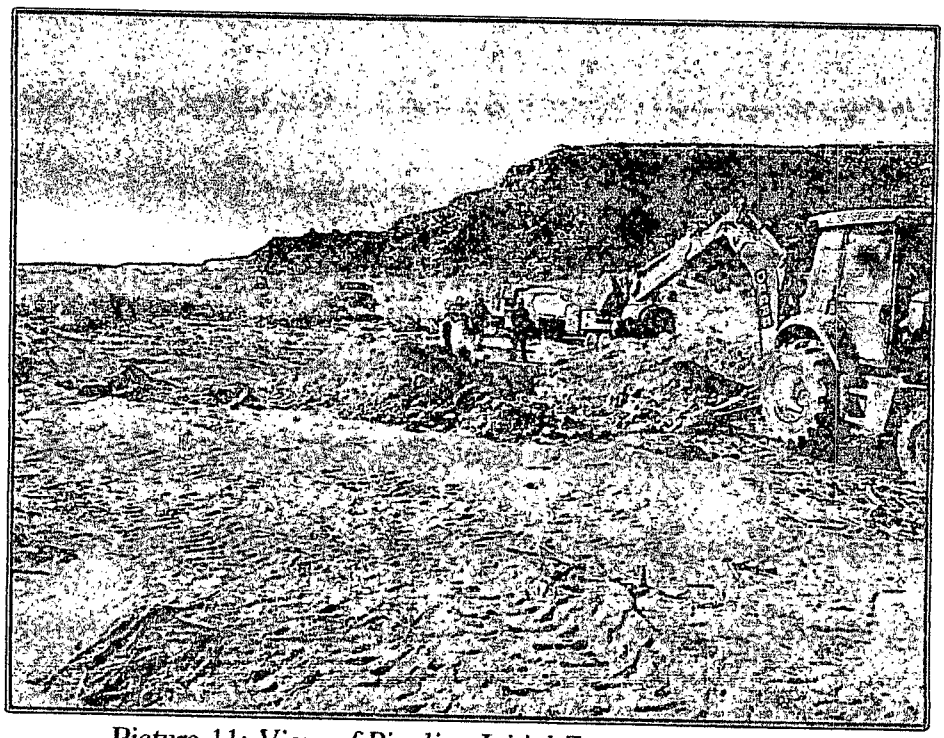
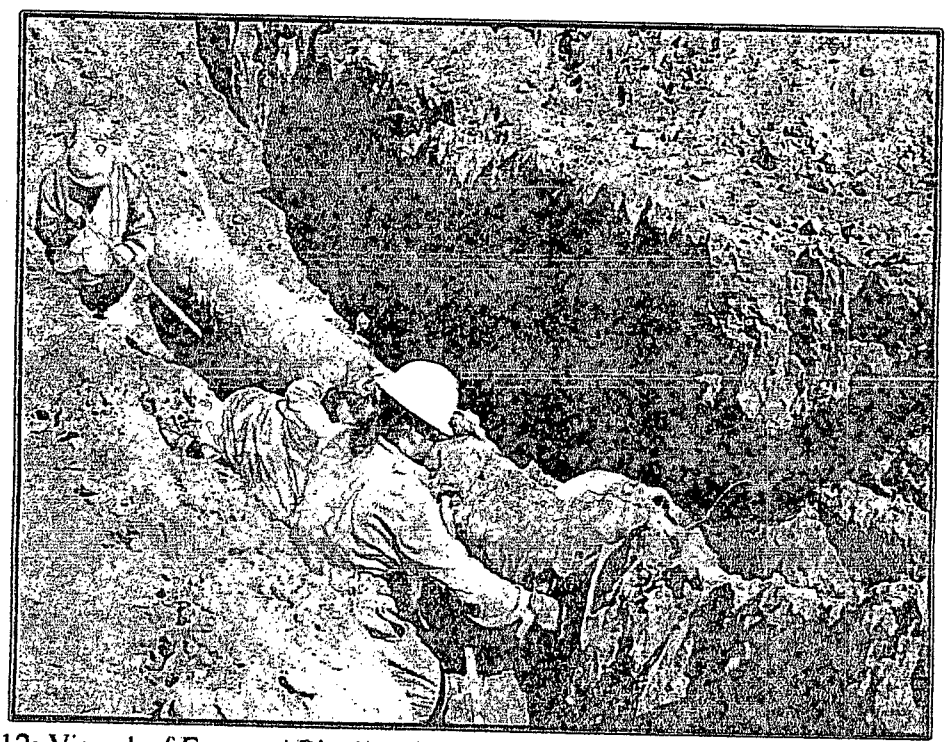


Picture 11: View of Pipeline Initial Exposure – 9/13/12



Picture 12: View 1 of Exposed Pipeline for Leak Inspection by EMS Personnel – 9/13/12

SITE PHOTOGRAPHY
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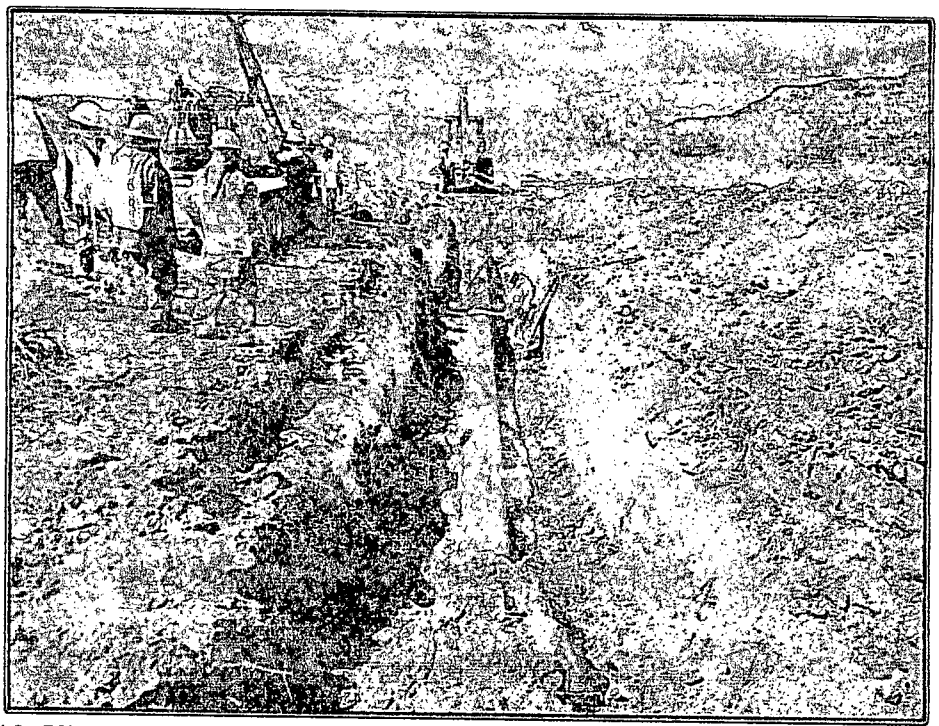
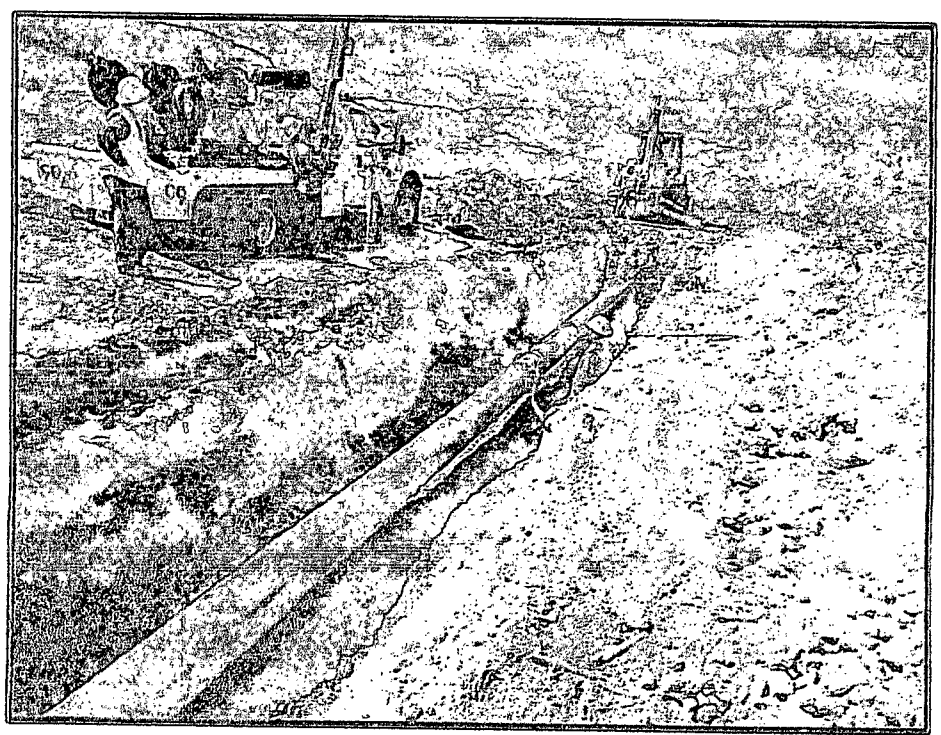


Picture 13: View 2 of Exposed Pipeline for Leak Inspection by EMS Personnel – 9/13/12



Picture 14: View of Trunk K Being Repaired by EMS Personnel – 9/13/12

SITE PHOTOGRAPHY
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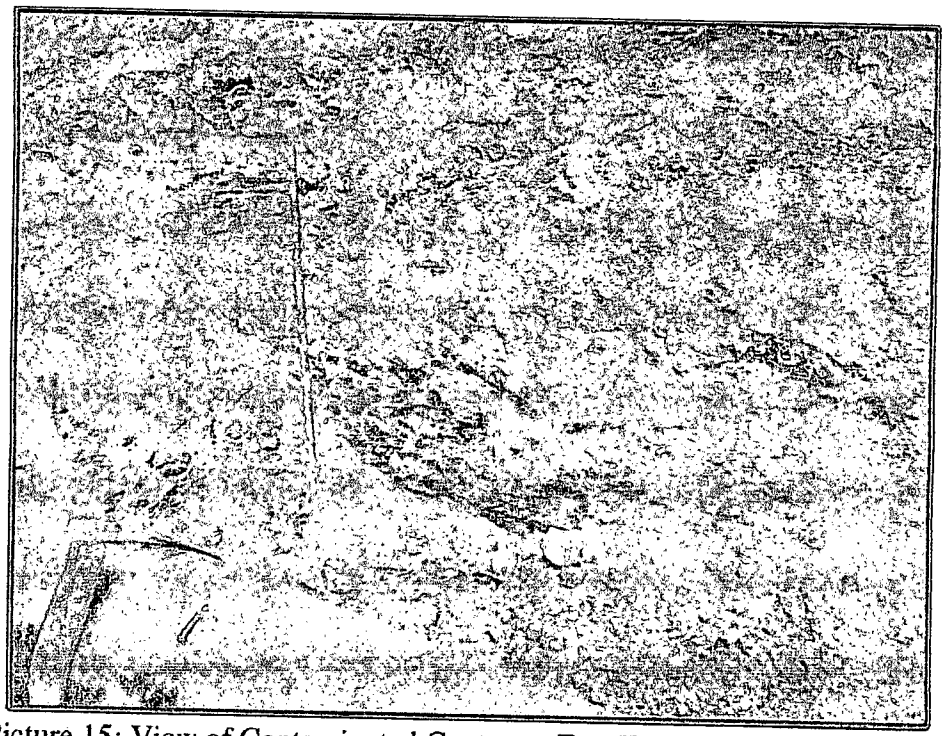
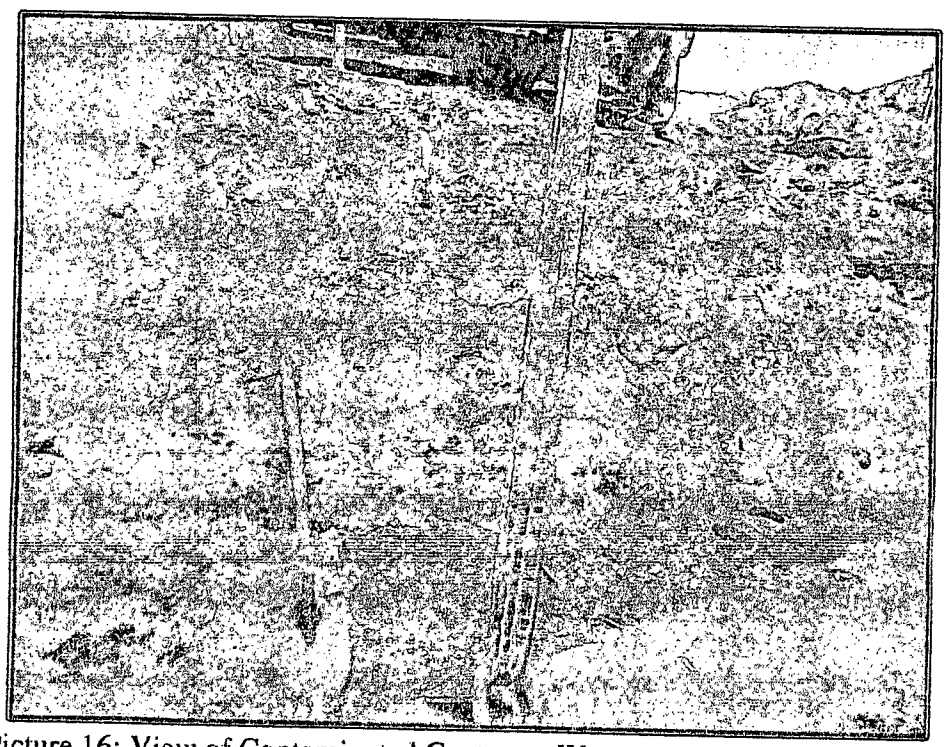


Picture 15: View of Contaminated Center on East Wall of Trench – 9/13/12



Picture 16: View of Contaminated Center on West wall of Trench – 9/13/12

SITE PHOTOGRAPHY
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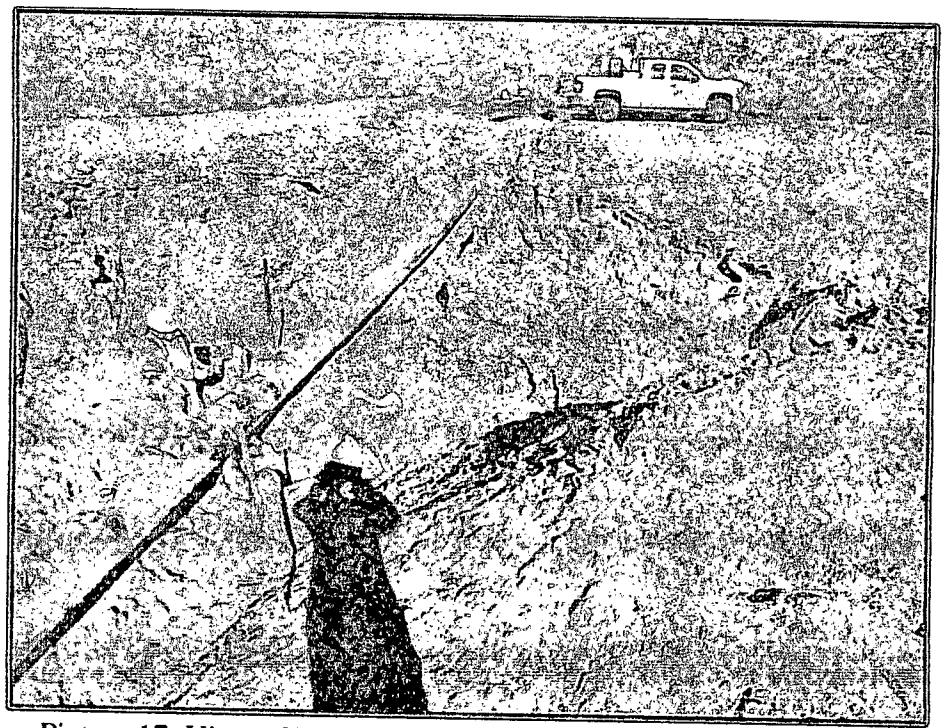
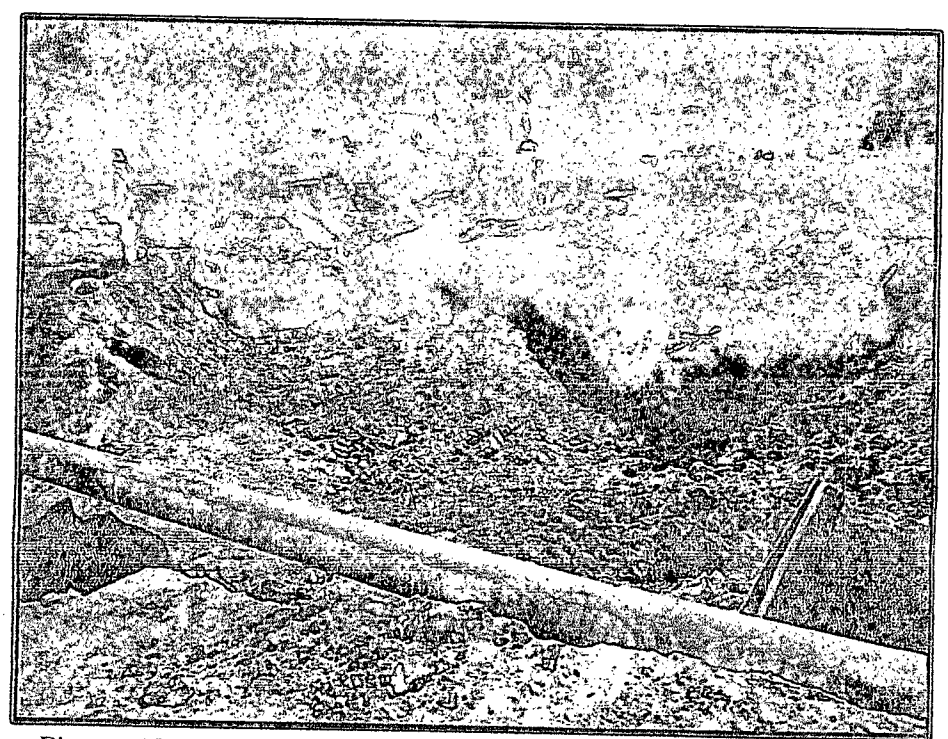


Picture 17: View of Excavation Extents; East of Pipeline – 9/13/12



Picture 18: View of Excavation Extents; West of Pipeline – 9/13/12

SITE PHOTOGRAPHY
ENTERPRISE PRODUCTS
SPILL CLEANUP REPORT
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PROJECT NUMBER 97057-0523
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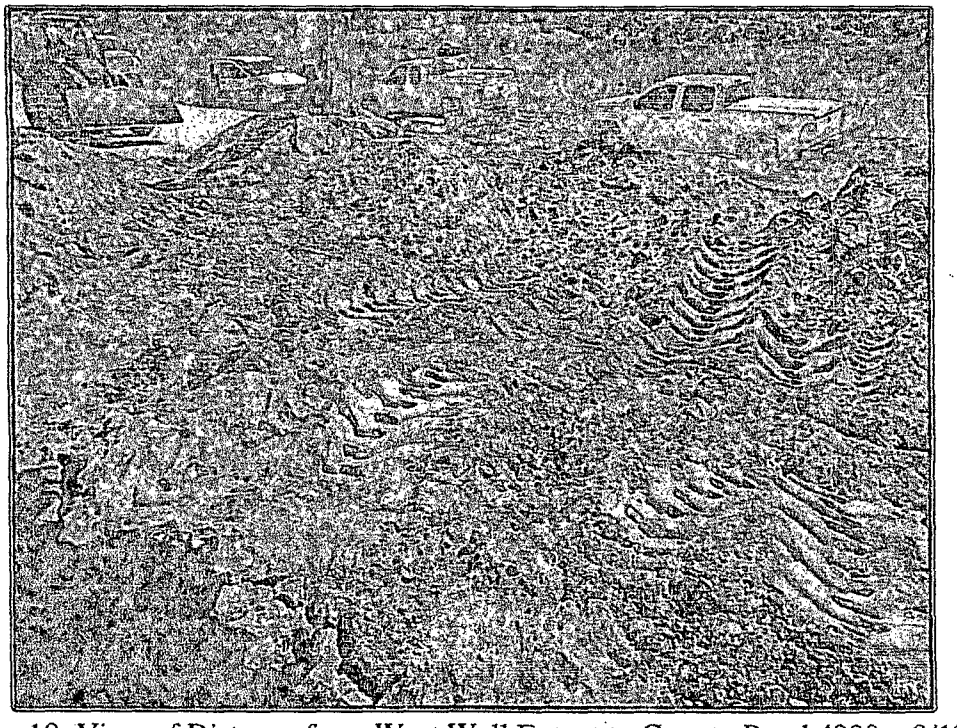
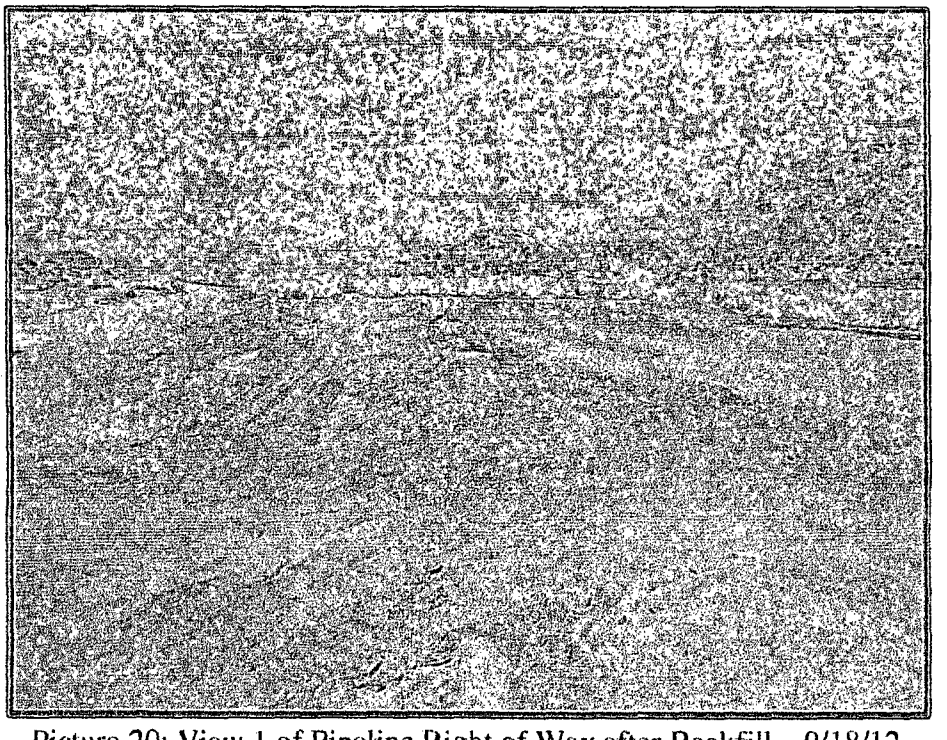
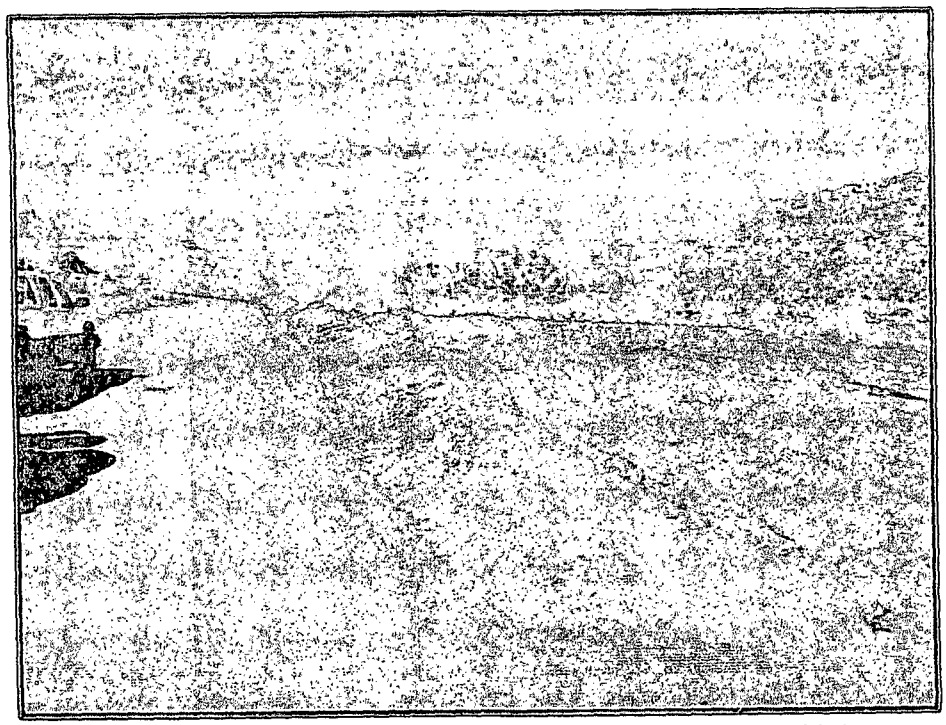


Picture 19: View of Distance from West Wall Extent to County Road 4990 – 9/13/12

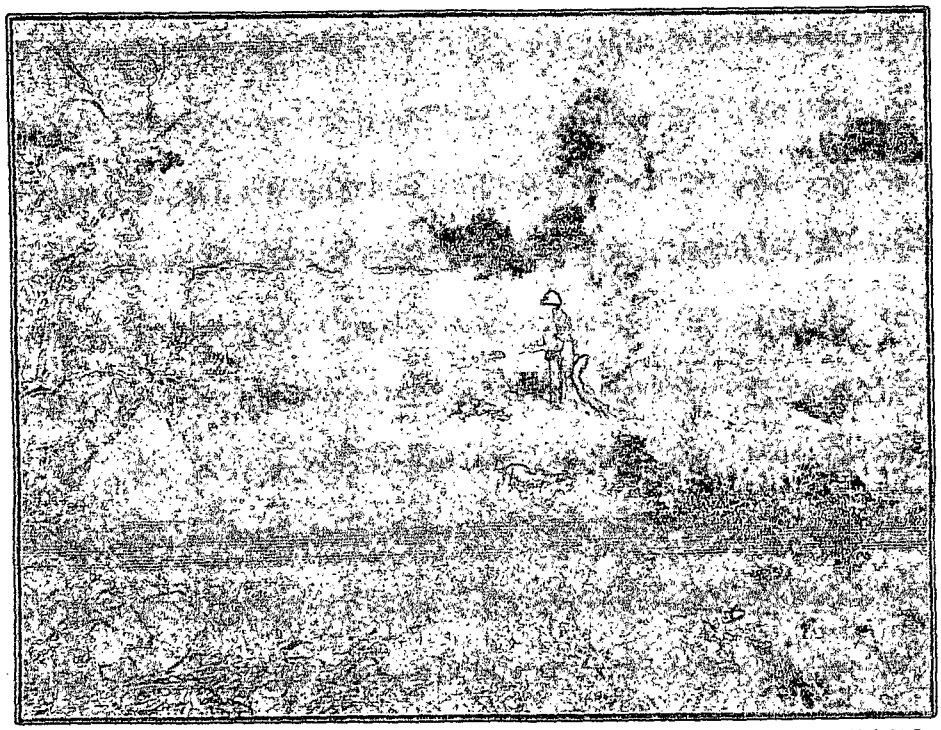


Picture 20: View 1 of Pipeline Right of Way after Backfill – 9/18/12

SITE PHOTOGRAPHY
ENTERPRISE PRODUCTS
SPILL CLEANUP REPORT
TRUNK K PIPELINE
PROJECT NUMBER 97057-0523
SEPTEMBER 2012



Picture 21: View 2 of Right of Way after Backfill – 9/18/12



Picture 22: View 1 of Micro Blaze Treatment at Lower Wash – 9/28/12

SITE PHOTOGRAPHY
ENTERPRISE PRODUCTS
SPILL CLEANUP REPORT
TRUNK K PIPELINE
PROJECT NUMBER 97057-0523
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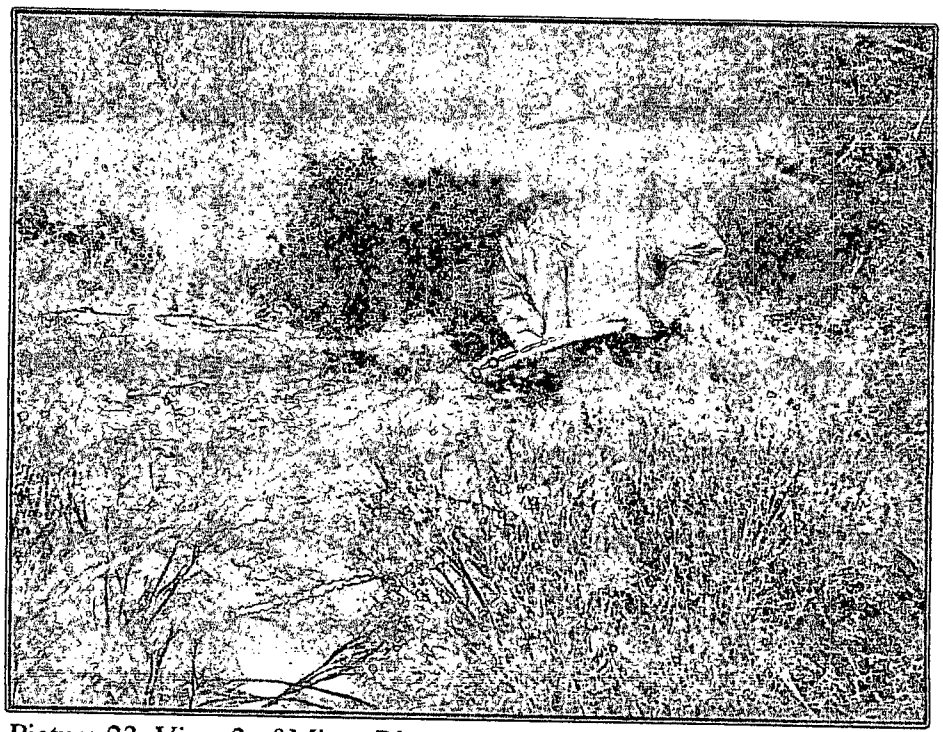
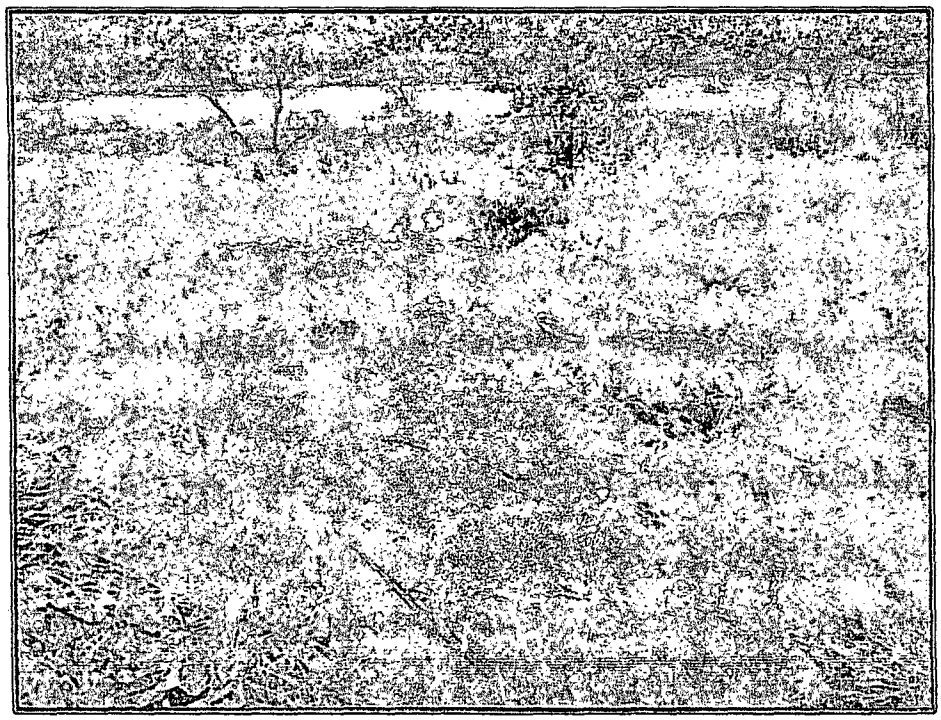


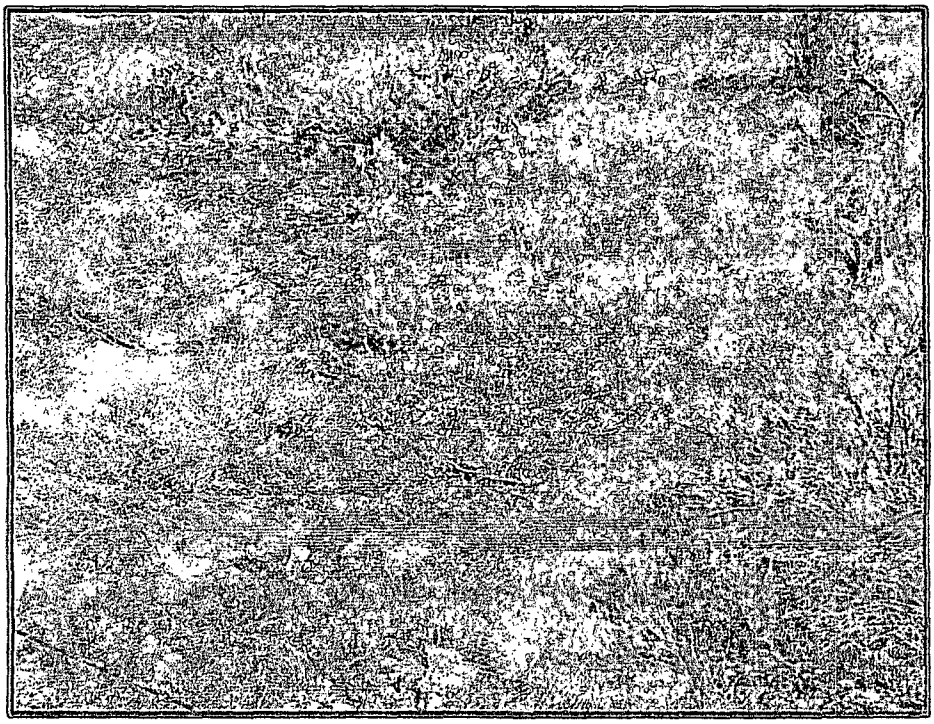
Picture 23: View 2 of Micro Blaze Treatment at Lower Wash – 9/28/12

Picture 24: View 3 of Micro Blaze Treatment at Lower Wash – 9/28/12

SITE PHOTOGRAPHY
ENTERPRISE PRODUCTS
SPILL CLEANUP REPORT
TRUNK K PIPELINE
PROJECT NUMBER 97057-0523
SEPTEMBER 2012



Picture 25: View 4 of Micro Blaze Treatment at Lower Wash – 9/28/12



Picture 26: View 5 of Micro Blaze Treatment at Lower Wash – 9/28/12

APPENDIX C

Bills of Lading

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Bill of Lading

MANIFEST # 42064

DATE 9-12-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	ENTERPRISE TRUNK K	CFII-4	cont soil	A-8	22	—	E-Tech	617	18:05	Rick Smith
					22					

RESULTS:

292 CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE: Dave Lee

Certification of above receival & placement

NOTES: Free acceptance - no charge

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Envirotech NAME Rick Smith SIGNATURE Rick Smith

COMPANY CONTACT PHONE DATE 9-12-12

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Bill of Lading

MANIFEST # 42076

DATE 9-14-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise	LF II-4	Contam Soil	A-8	10	—	Yucca	AF6	10:25	Read Rogers
2	Trunk K	"	"	A-8	10	—	"	AF6	13:47	Read Rogers
3	" "	"	"	B-8	10	—	"	AF6	17:15	Read Rogers
					30					

RESULTS:

292 CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE:

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Yucca Welding & Excav. NAME Read Rogers SIGNATURE Read Rogers

COMPANY CONTACT PHONE DATE

Signatures required prior to distribution of the legal document

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Bill of Lading

MANIFEST # 42078

DATE 9-14-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise	LF II-4	Contam Soil	A-8	10	—	Moss	2	10:45	
2	Trunk K	LF II-4	"	A-8	10	—	Moss	17	10:45	
3	"	"	"	B-8	10	—	"	2	16:00	
4	"	"	"	B-8	10	—	"	17	16:00	
5	"	"	"	B-8	12	—	"	27	18:25	Lee Moss
6	"	"	"	B-8	12	—	"	15	18:25	
					44					

RESULTS:			LANDFARM EMPLOYEE:	NOTES:
292	CHLORIDE TEST	3		late acceptance - load #5+6 - no charge
	PAINT FILTER TEST	3	Certification of above receival & placement	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Moss Excavation NAME Nathan B McKinney SIGNATURE

COMPANY CONTACT [redacted] PHONE 320-1633 DATE 9-14-2012

Signatures required prior to completion of the legal docu

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Bill of Lading

MANIFEST # 42089

DATE 9-14-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise Trunk K	LF II-4	Contam Soil	C-5	18	—	E-Tech	558	13:32	B W
2	"	"	"	A-5	20	—	E-Tech	617	14:01	Rick Smith
3	" "	"	"	D-5	18	—	E-tech	558	17:05	B W
4	" "	"	"	A-5	15	—	E-tech	617	18:35	Rick Smith
					71					

RESULTS:

		LANDFARM EMPLOYEE:	[signature]	NOTES: late acceptance - load #5 - no charge
292	CHLORIDE TEST			
	PAINT FILTER TEST	Certification of above receival & placement		

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. E-Tech NAME Buck W Burkhow SIGNATURE B W

COMPANY CONTACT Donald Ortiz PHONE 632-0615 DATE 9/14/12

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Bill of Lading

MANIFEST # 42093

DATE 9-14-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	enterprise Trunk K	LFII-4	Contam Soil	A-8	12	—	Halo	T24	14:43	Duane Jacquez
					12					

RESULTS:

292 CHLORIDE TEST 1

PAINT FILTER TEST 1

LANDFARM EMPLOYEE:

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Halo NAME Duane Jacquez SIGNATURE Duane Jacquez

COMPANY CONTACT Charlie Dean PHONE 330-4089 DATE 9-14-12

[illegible] required prior to [illegible] of the [illegible] document.

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Bill of Lading

MANIFEST # 42098

DATE 9-14-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise trunk K	LFD-4	Cont Soil	B-8	16	—	Pat Pack	1	16:05	Robert Pack
					16					

RESULTS:

-272 CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE: Dave Lee

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Pat Pack NAME Robert Pack SIGNATURE

COMPANY CONTACT PHONE 635-8578 DATE 9-14-12

Signatures required to certify the location

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Bill of Lading

MANIFEST # 42099

DATE 9-14-12 JOB # 9705-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
	Enterprise Trunk K	LF 2-4	Cont Soil	B-8	10	/	MAX RAMIREZ	01	622	Oscar Rivera
					10					

RESULTS:

292 CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE: Dave Lamer

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Max Ramirez NAME Oscar Rivera SIGNATURE Oscar Rivera

COMPANY CONTACT 505 215 5316 PHONE 505 330 0089 DATE 9-12-12

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MANIFEST # 42101

DATE 9/15/12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise Trunk K	LF-II-4	Cont. soil	B-8	12	—	Moss	47	10:21	Duwayne L
2	" "	" "	" "	B-8	12	—	Moss	2	10:24	
3	" "	" "	" "	B-8	12	—	moss	47	1434	Duwayne L
4	" "	" "	" "	B-8	12	—	moss	2	1434	
					48					

RESULTS:

292 CHLORIDE TEST ✓

PAINT FILTER TEST ✓

LANDFARM EMPLOYEE: Jessica Kelley

Certification of above receival & placement

NOTES: Weekend acceptance no charge

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Moss Excavation NAME Duwayne Larsen SIGNATURE Duwayne L

COMPANY CONTACT Manuel Chavez PHONE DATE 9-15-12

Signatures required prior to distribution of the legal document.

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MANIFEST # 42110

DATE 9-17-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise	LF II-4	Contam Soil	B-8	20	—	Yucca	AP AP AF4	12:06	
2	Trunk K	"	"	B-8	12	—	Yucca	AF6	12:11	
3	" "	" "	"	C-8	20	—	YUCCA	AF4	16:10	
4	" "	" "	"	C-8	12	—	YUCCA	AF6	16:40	Richard Phelps
					64					

RESULTS:			LANDFARM EMPLOYEE:	NOTES:
292	CHLORIDE TEST	1		
	PAINT FILTER TEST	1	Certification of above receival & placement	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Yucca NAME SIGNATURE Henry Armenta

COMPANY CONTACT Allen - Mike San PHONE DATE 9/17

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Bill of Lading

MANIFEST # 42113

DATE 9-17-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise Trunk K-16	LF II-4	Cont. Soil	G-5	20	—	E-Tech	558	1225	Buck Brichow
2	" "	" "	" "	B-5	22	—	E-Tech	617	1555	Richard Smith
					42					

RESULTS:

292 CHLORIDE TEST 1

PAINT FILTER TEST 1

LANDFARM EMPLOYEE:

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. E-Tech NAME Buck Brichow SIGNATURE Buck Brichow

COMPANY CONTACT Donald Ortiz PHONE 632-0615 DATE 9/17/12

Signatures required to authorize load

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Bill of Lading

MANIFEST # 42124

DATE 9-18-12 JOB # 97051-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise Trunk K	LF II-5	Contam Soil	C-8	12	-	Yucca	AF6	9:39	Richard phelps
2	"	"	"	C-9	12	-	"	AFG	1255	Richard phelps
3	"	"	"	C-9	12	-	"	AFG	1600	Richard phelps
					36					

RESULTS:

292 CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE:

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Yucca NAME Richard phelps SIGNATURE Richard phelps

COMPANY CONTACT PHONE DATE 9-18-12

Signature directed to ... location

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Bill of Lading

MANIFEST # 42128

DATE 9-18-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise Trunk K	LFII-4	Cont. Soil	C-8	12	—	DelPrado	1	1110	Ralph Rael
					12					
					12					
						0				

RESULTS:

292 CHLORIDE TEST 1

PAINT FILTER TEST 1

LANDFARM EMPLOYEE: Gary Robinson

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. DelPrado NAME Ralph Rael SIGNATURE Ralph Rael

COMPANY CONTACT Ralph PHONE 635-8578 DATE 9-18-12

Signatures required prior to distribution of the legal document

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Bill of Lading

MANIFEST # 42130

DATE 9-18-12 JOB # 97051-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise Trunk C	4 FH	Cont Soil	BC-9	18	—	MPA	71	1150	
2	" "	"	"	C-9	18	-	MPA	71	1530	
					36					

RESULTS:			LANDFARM EMPLOYEE:	NOTES:
-292	CHLORIDE TEST	1	Craig Robinson	
	PAINT FILTER TEST	1	Certification of above receival & placement	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. MPA NAME Mike Labato SIGNATURE

COMPANY CONTACT Pearl PHONE 330-4089 DATE 9-14-12

Signatures required prior to distribution of the legal document

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Bill of Lading

MANIFEST # 42131

DATE 9-18-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise Trunk K	LF II-4	cont soil	C 9	11	—	MAF	01	1205	Oscar Rivera
2	"	"	"	D-9	11	—	MAX	01	1714	Oscar Rivera
					22					

RESULTS:

292 CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE: Gary Robinson

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Max Ramirez NAME Oscar Rivera SIGNATURE Oscar Rivera

COMPANY CONTACT Dev PHONE 330 4089 DATE 9-18-12

Signatures required prior to distribution of the load document

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Bill of Lading

MANIFEST # 42141

DATE 9-19-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise Trunk K	LF II-4	Cont Soil	D-9	12	—	MAF	01	925	Oscar Rivera
2	" "	"	"	D-9	12	—	MAF	01	1330	Oscar Rivera
					24					

RESULTS:

292 CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE: Gary Robinson

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. MAF

NAME Oscar Rivera SIGNATURE Oscar Rivera

COMPANY CONTACT ~~B~~ Allen w/EMS

PHONE ~~505~~ 486-2754 DATE 9-19-12

Signatures required prior to distribution of the legal document.

White - Company Records, Yellow - [illegible] Pink - Customer

[illegible] 770-12

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Bill of Lading

MANIFEST # 42143

DATE 9-19-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise TRUNK K	LF II-4	CON'T SOIL	D-9	12	—	Yucca	AF6	930	Richard Phelps
2	" "	"	"	D-9	12	—	"	AF6	1245	Richard Phelps
					24					

RESULTS:

292 CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE: Gary Robinson

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Yucca NAME Richard SIGNATURE Richard Phelps

COMPANY CONTACT Allen W/EMS PHONE 486-2754 DATE 9-19-12

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Bill of Lading

MANIFEST # 42145

DATE 9-19-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise Trunk	LF II-4	Cont Soil	D-9	18	—	MPSA	71	931	
					18					

RESULTS:

-212 CHLORIDE TEST 1

PAINT FILTER TEST 1

LANDFARM EMPLOYEE: Gary Robinson

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. MPSA NAME Mike Lobato SIGNATURE

COMPANY CONTACT C Dean PHONE 330-4089 DATE 9-19-12

[redacted] required prior to [redacted] of the [redacted]

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Bill of Lading

MANIFEST # 42150

DATE 9-19-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise Trunk K	LFII-4	Cow + Soil	D-9	16	—	D-1 Prod	1	1130	Rebel Prod
				D-9	15		D-1 Prod	1	1441	Rebel Prod
					31					

RESULTS:			LANDFARM EMPLOYEE:	NOTES:
292	CHLORIDE TEST	1	Guy Robinson	
	PAINT FILTER TEST	\	Certification of above receival & placement	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. D-1 Prod NAME Rebel Prod SIGNATURE

COMPANY CONTACT Rebel PHONE 635-8578 DATE 9-19-12

Signatures required to validation of the legal doc

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Bill of Lading

MANIFEST # 42152

DATE 9-19-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise Trunk K	LF II-4	Cont. Soil	D-9	12	-	Riehl Trucking	03	11:47	Curtis A. Riehl
					12					

RESULTS:

292 CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE: Gary Robinson

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Riehl Trucking LLC NAME Curtis Riehl SIGNATURE Curtis A. Riehl

COMPANY CONTACT Charlie Dean PHONE 505 330 4089 DATE 9-19-12

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Bill of Lading

MANIFEST # 42153

DATE 9-19-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise Trunk K	LF II-4	~~Clean Fill Soil~~ Cont Soil	D9	20 / 20	—	E-tech	585	1341	
						0				

RESULTS:

292 CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE: Gary Robinson

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Envirotech NAME William T. Wilson SIGNATURE

COMPANY CONTACT Jimmy M. PHONE 947-1166 DATE 9-19-12

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Bill of Lading

MANIFEST # 42077

DATE 9-14-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Landfarm	Enterprise Trunk K	Clean Soil	—	10	—	Yucca	Af6	10:25	
2	11	4	4	—	10	—	4	Af6	13:47	
					20					

RESULTS:

CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE:

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Yucca Welding & Excav. NAME Rick Rogers SIGNATURE

COMPANY CONTACT PHONE DATE

(Signatures required prior to distribution of the final document)

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Bill of Lading

MANIFEST # 42079

DATE 9-14-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Land Farm	enterprise	Clean Soil	—	10	=	moss	2	10:57	
2		Trunk K	"	—	10	=	moss	17	10:57	
3	"	"	"	—	10	—	MOSS	2	16:20	
					30					

RESULTS:

CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE:

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Moss Excavation NAME [illegible] SIGNATURE [illegible]

COMPANY CONTACT R.L. PHONE 320-1233 DATE 9-14-2012

Signatures required prior to distribution of the legal document.

[illegible] rds, [illegible] Billing Custo [illegible] 578-12

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Bill of Lading

MANIFEST # 42082

DATE 9-14-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Land Farm	Enterprise Trunk K	Clean Soil	–	12	–	Halo	T24	11:58	Duane Jacquez
					12					

RESULTS:

Clear Fil

CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE:

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Halo NAME Duane Jacquez SIGNATURE Duane Jacquez

COMPANY CONTACT Charlie Dean PHONE 330-408-9 DATE 9-14-12

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Bill of Lading

MANIFEST # 42084

DATE 9-14-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Landfarm	Enterprise Trunk K	Clean	-	10	-	MAX RAMIREZ	01	1221	Oscar Rivera
					10					

RESULTS:

CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE:

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Max Ramires CO. NAME Oscar Rivera SIGNATURE Oscar Rivera

COMPANY CONTACT 505 215 5316 PHONE (505) 330 4089 DATE 9-14-12

Signatures required to certify location of delivery

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Bill of Lading

MANIFEST # 42085

DATE 9-14-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Land farm	enterprise Trunk K	Clean Soil	—	15	—	Del prado	1	12:25	Ralph Prado
					15					

RESULTS:		LANDFARM EMPLOYEE:	NOTES:
CHLORIDE TEST			
PAINT FILTER TEST		Certification of above receival & placement	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Del Prado NAME Ralph Prado SIGNATURE

COMPANY CONTACT PHONE 635-8578 DATE 9-14-12

Signature required to authorize the load

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Bill of Lading

MANIFEST # 42090

DATE 9-14-12 JOB # 7057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Land Farm	enterprise Trunk K	Clean Soil	—	18	—	E-Tech	T8:35	558	Bl Wk
2	4	4	11	—	20	—	E-Tech	B17	14:04	Rick Smith
					38					

RESULTS:

CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE:

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. E-Tech NAME Buck Burkhow SIGNATURE Bl Wk

COMPANY CONTACT Donald Ortiz PHONE 632-0615 DATE 9/14/12

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Bill of Lading

MANIFEST # 42100

DATE 9-15-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Land Farm	enterprise Trunk K	Clean Soil	—	12	—	Moss	47	7:29	Dwayne L
2	Land Farm	"	Clean Soil	—	12	—	Moss	47	10:21	Dwayne L
3	"	"	"	—	12	—	Moss	2	10:24	
					36					

RESULTS:

CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE:

Certification of above receival & placement

NOTES: Weekend acceptance - no charge

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Moss Excavation NAME Dwayne Larsen SIGNATURE Dwayne L

COMPANY CONTACT Manuel Chavez PHONE 320- DATE 9-15-12

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Bill of Lading

MANIFEST # 42111

DATE 9-12-17 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Land form	Enterprise Trunk K	Clean Fill	—	20	—	Yucca	AF4	1206	
2	"	"	Soil	—	12	—	"	AF6	1211	Rubén Phelps
3	"	"	"	—	12	—	"	AF6	16:42	Rubén Phelps
					44					

RESULTS:

CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE:

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. NAME Henry Armenta SIGNATURE

COMPANY CONTACT PHONE DATE

Signature required to authorize location

envirotech

Bill of Lading

MANIFEST # 42114

DATE 9-17-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	E-Tech	Enterprise Trunk K 16	Clean Fill	—	20	—	E-Tech	558	1225	Buck Burklow
					20					

RESULTS:

Clean Fill

CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE:

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. E-Tech NAME Buck Burklow SIGNATURE Buck Burklow

COMPANY CONTACT Donald Ortiz PHONE 632-0615 DATE 9/17/12

Signatures required to certify receipt of load

envirotech

Bill of Lading

MANIFEST # 42117

DATE 9-18 12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Landfarm	Enterprise Trunk K	Clean Soil	-	18	-	mp: A	71	7:50	
2	"	"	"	-	18	-	mp & A	71	1150	
3	"	"	"	-	18	-	mp & A	71	1530	
					54					

RESULTS:

Clear All

CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE:

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. MP's A NAME Mike Labato SIGNATURE

COMPANY CONTACT Dan PHONE 330-4089 DATE 9-18-12

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Bill of Lading

MANIFEST # 42118

DATE 9-18-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Land Farm	Enterprise Trunk K	Clean Soil	—	16	—	Delprado	1	7:50	Robert Prado
					16					

RESULTS:

Clear / Fill

CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE:

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Ralph Prado NAME Robert Prado SIGNATURE Robert Prado

COMPANY CONTACT Ralph PHONE 635-8578 DATE 9-18-12

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Bill of Lading

MANIFEST # 42119

DATE 9-18-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Land farm	Enterprise Trunk K	Clean Soil	—	12	—	max	01	7:50	Oscar Rivera
2	"	"	"	—	12	—	MAX	01	1205	Oscar Rivera
3	"	"	"	—	12	—	MAX	01	1713	Oscar R.
					36					

RESULTS:

Clear — CHLORIDE TEST

Clear — PAINT FILTER TEST

LANDFARM EMPLOYEE:

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Max Ramirez NAME Oscar SIGNATURE Oscar Rivera

COMPANY CONTACT Den PHONE 330 40 89 DATE 9 18 12

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Bill of Lading

MANIFEST # 42125

DATE 9-18 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Landfarm	enterprise Trunk K	Clean Soil	—	12	—	Yucca	AFG	9:39	Richard phelps
2	"	"	"	"	12	—	"	AFG	12:55	Richard phelps
3	"	"	"	—	12	—	"	AFG	16:00	Richard phelps
					36					
						4				

RESULTS:

Clear fill

CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE:

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Yucca NAME Richard Phelps SIGNATURE Richard phelps

COMPANY CONTACT PHONE DATE 9-18-12

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Bill of Lading

MANIFEST # 42138

DATE 9-19-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Envirotech Land Farm	Enterprise Clean Trunk K Fill Soil		—	17	—	D & L Road	1	830	Ralph Road
2	" "	" "	"	—	17	—	" "	1	1130	Ralph Road
					34					

RESULTS:		LANDFARM EMPLOYEE:	NOTES:
	CHLORIDE TEST	Gary Robinson	
	PAINT FILTER TEST	Certification of above receival & placement	

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. D & L Road NAME Ralph Road SIGNATURE Ralph Road

COMPANY CONTACT Ralph PHONE 635-85-76 DATE 9-19-12

[redacted] required prior to [redacted] the [redacted]

[redacted] Billing [redacted]

[redacted]

envirotech

Bill of Lading

MANIFEST # 42140

DATE 9-19-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	E. Tech	Enterprise Trunk K	Clean Fill	-	12	-	Riehl Trucking	03	8:34	Curtis A. Riehl
2	"	"	Soil	-	12	-	"	03	1150	Curtis A Riehl
					24					

RESULTS:

X CHLORIDE TEST

X PAINT FILTER TEST

LANDFARM EMPLOYEE: Gary Robinson

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Riehl Trucking LLC NAME Curtis Riehl SIGNATURE Curtis A. Riehl

COMPANY CONTACT Charlie Dean PHONE 505 330 4089 DATE 9-19-12

ure[illegible] to utic[illegible] the legal doc

envirotech

Bill of Lading

MANIFEST # 42142

DATE 9-19-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	~~Enterprise~~ E. Teck	Enterprise Trunk K	Clean Fill Soil	—	12	—	Max	01	925	Oscar Rivera
					12					

RESULTS:

CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE: Gary Robinson

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. MAX NAME Oscar Rivera SIGNATURE Oscar Rivera

COMPANY CONTACT Allen w/ EMS PHONE 486-2754 DATE 9-19-12

S res ed o c tio e le cu

envirotech

Bill of Lading

MANIFEST # 42154

DATE 9-19-12 JOB # 97057-0523

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Envirotech Land Farm	Enterprise Trunk K	Clean Fill	—	2	~~0~~	E-tech	58	1045	
					2					

RESULTS:

CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE: Cory Robinson

Certification of above receival & placement

NOTES:

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. Envirotech NAME William T. Wilson SIGNATURE

COMPANY CONTACT Jimmy M. PHONE 947-1166 DATE 9-19-12

ure ire to utic he l loc

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report with third party final closure sampling report

Name of Company Enterprise Products	Contact Aaron Dailey
Address 614 Reilly Avenue, Farmington NM 87401	Telephone No. (505)599-2286
Facility Name Lateral 2C-6 Pipeline	Facility Type Natural Gas Gathering line

Surface Owner BLM	Mineral Owner BLM	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	12	25N	8W					San Juan

Latitude N36.418339 **Longitude** W107.630690 (Decimal Degrees)

NATURE OF RELEASE

Type of Release Natural gas	Volume of Release 100 MCF(est. over long time)	Volume Recovered None
Source of Release External Corrosion from natural gas pipeline	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 5.30.2012 @ 15:50 hours
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

RCVD JUN 24 '13
OIL CONS. DIV.
DIST. 3

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Enterprise employee discovered a pipeline leak while conducting a pipeline patrol. Enterprise employees isolated, depressurized pipeline and applied lock out, tag out to the pipeline.

Describe Area Affected and Cleanup Action Taken.*
The affected area was isolated to bedrock as this section of pipe is laid on a very steep pitch composed of impermeable sandstone and shale. It appears that the pipeline leaked due to external corrosion possibly from the surrounding rocks that were used to improperly backfill the pipeline many years ago. There was minimal liquid discovered likely because of the pipe's steep slope. The area was excavated and a third party environmental contractor conducted soil confirmation sampling of the surrounding soil while repairs were being made. A final third party environmental closure report is attached to this "final" c-141 report.

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:	OIL CONSERVATION DIVISION
Printed Name: Matt Marra	Approved by Environmental Specialist: Jonathan D. Kelly
Title: Senior Director, Environmental	Approval Date: 8/26/2013 Expiration Date:
E-mail Address: amdailey@eprod.com	Conditions of Approval: Attached ☐
Date: 6-18-2013 Phone: (505)599-2286	

* Attach Additional Sheets If Necessary

nJK1323839843

Animas Environmental Services, LLC
www.animasenvironmental.com
624 E. Comanche
Farmington, NM 87401
505-564-2281
Durango, Colorado
970-403-3084

May 29, 2013

Aaron Dailey
Enterprise Field Services, LLC
614 Reilly Avenue
Farmington, New Mexico 87401

RE: Confirmation Soil Sampling Report
Lateral 2C-6 May 2012 Pipeline Release
San Juan County, New Mexico

Dear Mr. Dailey:

On April 8, 2013, Animas Environmental Services, LLC (AES) collected a confirmation soil sample to monitor the progress of remedial efforts at the Enterprise Field Services, LLC (Enterprise) Lateral 2C-6 May 2012 release location. A topographic site location map is included as Figure 1, and an aerial site map is included as Figure 2.

1.0 Release History

In June 2012, AES completed an assessment associated with a release of natural gas condensate from Lateral 2C-6 pipeline. A complete release assessment report was prepared and submitted by AES on August 22, 2012. AES recommended treating residual contamination and stockpiled soils with a microbial solution in order to enhance bioremediation of petroleum hydrocarbon contaminated soils remaining on location. On August 27, 2012, a report addendum documenting application of the microbial solution across the surface of the release area and stockpiled soil was submitted to Enterprise.

2.0 Release Ranking

The release area is located on Federal land under jurisdiction of the Bureau of Land Management (BLM) within the NW¼ NE¼, Section 12, T25N, R8W, San Juan County, New Mexico. Latitude and longitude of the release were recorded as N36.41836 and W107.63071, respectively. A topographic site location map is included as Figure 1, and an aerial map showing the release location is included as Figure 2.

In accordance with NMOCD release protocols, action levels were established per NMOCD *Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993) prior to the initial assessment. The release was given a ranking score of 0 based on the following factors:

- **Depth to Groundwater:** Depth to groundwater is assumed to be greater than 100 feet below ground surface (bgs) due to the geographical location of the release and field observations. (0 points)
- **Wellhead Protection Area:** The release location is not within a wellhead protection area. (0 points)
- **Distance to Surface Water Body:** No surface waters were identified within 1,000 feet of the release location. (0 points)

3.0 Confirmation Soil Sampling, April 2013

On April 8, 2013, AES returned to the location and collected a confirmation soil sample to monitor the progress of remedial efforts. The soil sample was collected from 3 feet below ground surface (bgs) in the area of residual contaminant impact. The sample was field screened for volatile organic compounds (VOCs) with a photoionization detector (PID) organic vapor meter (OVM). The VOC concentration was recorded as 1.1 ppm.

The soil sample was also submitted to Hall Environmental Analysis Laboratory (Hall), in Albuquerque, New Mexico, for laboratory analysis. The sample was analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) per U.S. Environmental Protection Agency (USEPA) Method 8021B. The benzene and total BTEX concentrations were below the laboratory detection limits of 0.047 mg/kg and 0.236 mg/kg, respectively. The sample location and laboratory analytical results are included on Figure 3. Laboratory analytical reports are attached.

4.0 Conclusions and Recommendations

Based on field screening and laboratory analytical results from the confirmation sampling, soils are not impacted above NMOCD action levels. No further action is recommended at the Lateral 2C-6 May 2012 pipeline release location.

If you have any questions about site conditions or the recent site activities, please do not hesitate to contact Ross Kennemer at (505) 564-2281.

Sincerely,

Landrea R. Cupps

Landrea Cupps
Environmental Scientist

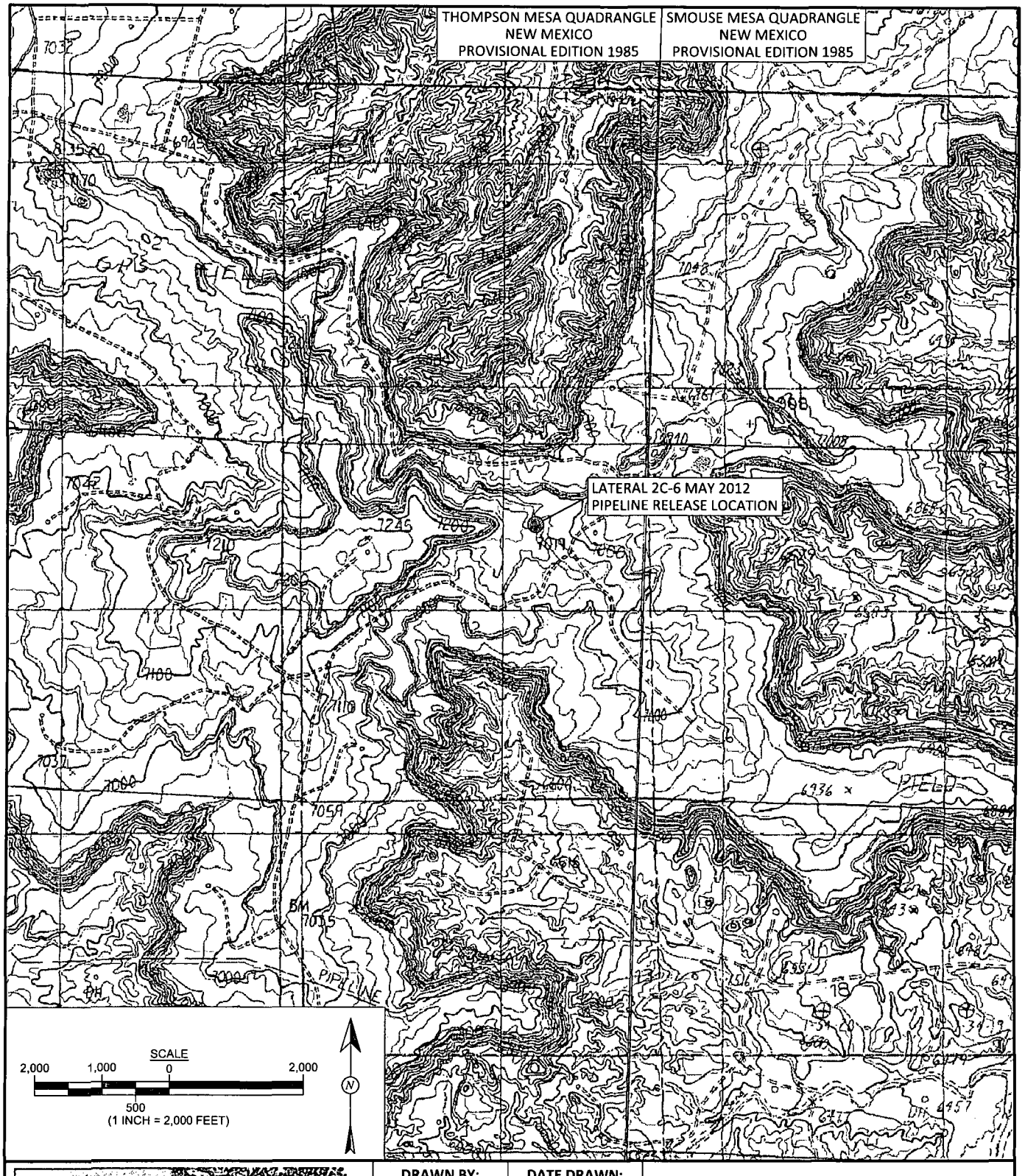
Elizabeth McNally, P.E.

Attachments:

Figure 1. Topographic Site Location Map
Figure 2. Aerial Site Map
Figure 3. Confirmation Sample Location and Results, April 2013
Hall Analytical Report 1304323

R:\Animas 2000\Dropbox\2013 Projects\Enterprise\Lateral 2C-6\Lateral 2C-6 Confirmation Soil Sampling Report 052913.docx

202

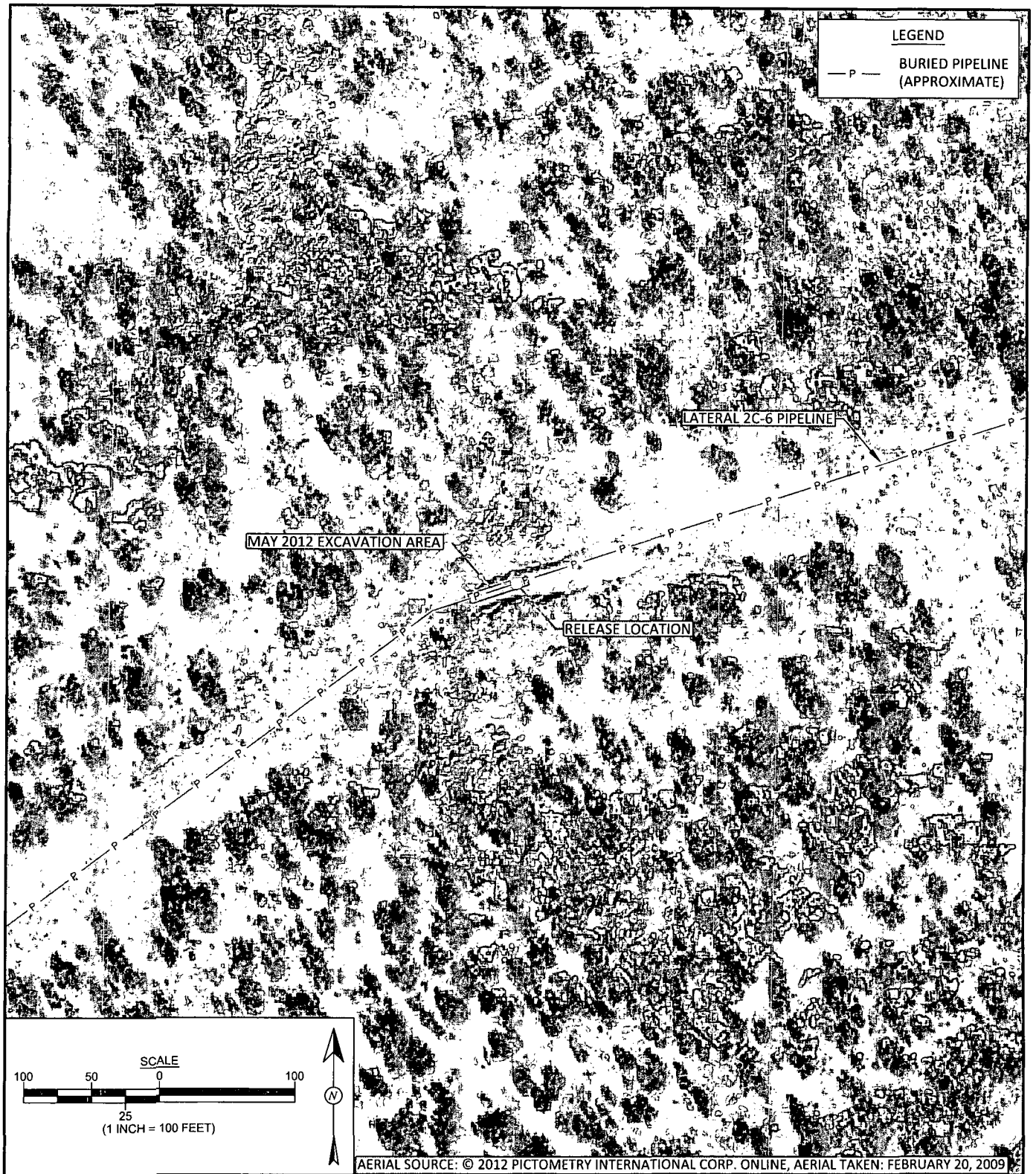


Animas Environmental Services, LLC

DRAWN BY: C. Lameman	**DATE DRAWN:** July 2, 2012
REVISIONS BY: C. Lameman	**DATE REVISED:** April 10, 2013
CHECKED BY: T. Ross	**DATE CHECKED:** April 10, 2013
APPROVED BY: E. McNally	**DATE APPROVED:** April 10, 2013

FIGURE 1

TOPOGRAPHIC SITE LOCATION MAP
ENTERPRISE PRODUCTS COMPANY
LATERAL 2C-6 MAY 2012 PIPELINE RELEASE
NW¼, NE¼, SECTION 12, T25N, R8W
SAN JUAN COUNTY, NEW MEXICO
N36.41836, W107.63071



AERIAL SOURCE: © 2012 PICTOMETRY INTERNATIONAL CORP. ONLINE, AERIAL TAKEN: FEBRUARY 20, 2009

Animas Environmental Services, LLC

DRAWN BY: C. Lameman	**DATE DRAWN:** July 2, 2012
REVISIONS BY: C. Lameman	**DATE REVISED:** April 10, 2013
CHECKED BY: T. Ross	**DATE CHECKED:** April 10, 2013
APPROVED BY: E. McNally	**DATE APPROVED:** April 10, 2013

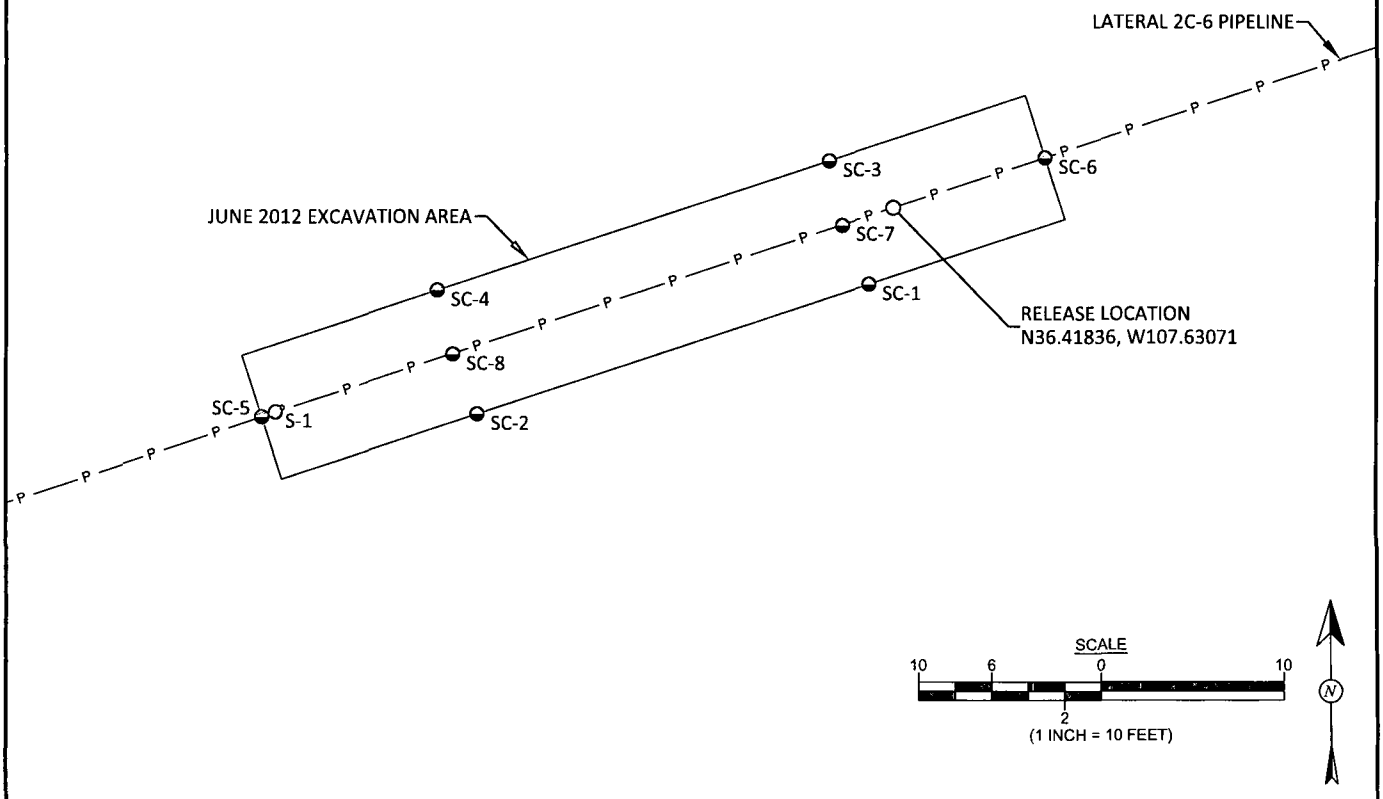
FIGURE 2

AERIAL SITE MAP
ENTERPRISE PRODUCTS COMPANY
LATERAL 2C-6 MAY 2012 PIPELINE RELEASE
NW¼, NE¼, SECTION 12, T25N, R8W
SAN JUAN COUNTY, NEW MEXICO
N36.41836, W107.63071

Field Screening and Laboratory Analytical Results							
Sample ID	*Date*	*Depth (ft)*	*OVM-PID (ppm)*	*Benzene (mg/kg)*	*Total BTEX (mg/kg)*	*TPH-GRO (mg/kg)*	*TPH-DRO (mg/kg)*
NMOCD ACTION LEVEL			*100*	*10*	*50*	*5,000*	
SC-1	6/8/12	1 to 3	**392**	0.59	33	190	310
SC-2	6/8/12	1 to 3	**274**	1.0	40	220	420
SC-3	6/8/12	1 to 3	**489**	<0.48	1.7	<48	290
SC-4	6/8/12	1 to 3	**502**	<0.49	2.2	<49	280
SC-5	6/8/12	1 to 3	**454**	5.3	**124**	490	1,900
SC-6	6/8/12	1 to 3	7.5	<0.047	<0.234	<4.7	<10
SC-7	6/8/12	3	**221**	0.96	19	100	210
SC-8	6/8/12	3	**204**	<0.94	20	130	750
S-1	4/8/13	3	1.1	<0.047	<0.236	*NA*	*NA*

ALL SAMPLES WERE ANALYZED PER EPA METHOD 8021B AND 8015B.
NA - NOT ANALYZED

LEGEND
- JUNE 2012 SAMPLE LOCATIONS
- APRIL 2013 SAMPLE LOCATION
- —P— BURIED PIPELINE (APPROXIMATE)



Animas Environmental Services, LLC

DRAWN BY: C. Lameman	**DATE DRAWN:** July 2, 2012	**FIGURE 3**
REVISIONS BY: C. Lameman	**DATE REVISED:** April 10, 2013	**CONFIRMATION SAMPLE LOCATION AND RESULTS, APRIL 2013**
CHECKED BY: T. Ross	**DATE CHECKED:** April 10, 2013	ENTERPRISE PRODUCTS COMPANY LATERAL 2C-6 MAY 2012 PIPELINE RELEASE
APPROVED BY: E. McNally	**DATE APPROVED:** April 10, 2013	NW¼, NE¼, SECTION 12, T25N, R8W SAN JUAN COUNTY, NEW MEXICO N36.41836, W107.63071

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

April 17, 2013

Tami Ross

Animas Environmental Services
624 East Comanche
Farmington, NM 87401
TEL: (505) 793-2072
FAX (505) 324-2022

RE: Lateral 2C-6 OrderNo.: 1304323

Dear Tami Ross:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/9/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1304323**
Date Reported: **4/17/2013**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
Project: Lateral 2C-6
Lab ID: 1304323-001 **Matrix:** SOIL

Client Sample ID: S1@3' BG
Collection Date: 4/8/2013 12:21:00 PM
Received Date: 4/9/2013 10:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.047		mg/Kg	1	4/11/2013 1:38:48 PM
Toluene	ND	0.047		mg/Kg	1	4/11/2013 1:38:48 PM
Ethylbenzene	ND	0.047		mg/Kg	1	4/11/2013 1:38:48 PM
Xylenes, Total	ND	0.095		mg/Kg	1	4/11/2013 1:38:48 PM
Surr: 4-Bromofluorobenzene	107	80-120		%REC	1	4/11/2013 1:38:48 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304323**

17-Apr-13

Client: Animas Environmental Services

Project: Lateral 2C-6

Sample ID **MB-6906**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **6906**	RunNo: **9807**
Prep Date: **4/10/2013**	Analysis Date: **4/11/2013**	SeqNo: **279314** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		105	80	120			

Sample ID **LCS-6906**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **6906**	RunNo: **9807**
Prep Date: **4/10/2013**	Analysis Date: **4/11/2013**	SeqNo: **279315** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.050	1.000	0	103	80	120			
Toluene	1.1	0.050	1.000	0	106	80	120			
Ethylbenzene	1.0	0.050	1.000	0	104	80	120			
Xylenes, Total	3.1	0.10	3.000	0	103	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		112	80	120			

Sample ID **1304323-001AMS**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **S1@3' BG**	Batch ID: **6906**	RunNo: **9807**
Prep Date: **4/10/2013**	Analysis Date: **4/11/2013**	SeqNo: **279317** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.048	0.9542	0	107	67.2	113			
Toluene	1.1	0.048	0.9542	0	111	62.1	116			
Ethylbenzene	1.0	0.048	0.9542	0	110	67.9	127			
Xylenes, Total	3.1	0.095	2.863	0	108	60.6	134			
Surr: 4-Bromofluorobenzene	1.1		0.9542		112	80	120			

Sample ID **1304323-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **S1@3' BG**	Batch ID: **6906**	RunNo: **9807**
Prep Date: **4/10/2013**	Analysis Date: **4/11/2013**	SeqNo: **279318** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.048	0.9533	0	107	67.2	113	0.424	14.3	
Toluene	1.1	0.048	0.9533	0	113	62.1	116	1.58	15.9	
Ethylbenzene	1.1	0.048	0.9533	0	112	67.9	127	1.72	14.4	
Xylenes, Total	3.2	0.095	2.860	0	112	60.6	134	3.34	12.6	
Surr: 4-Bromofluorobenzene	1.1		0.9533		111	80	120	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Animas Environmental | Work Order Number: 1304323 | RcptNo: 1

Received by/date: LM 04/09/13

Logged By: **Michelle Garcia** 4/9/2013 10:05:00 AM Michelle Garcia

Completed By: **Michelle Garcia** 4/9/2013 10:50:19 AM Michelle Garcia

Reviewed By: IO 04/09/2013

Chain of Custody

1. Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
2. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
3. How was the sample delivered?	Courier		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
6. Sample(s) in proper container(s)?	Yes ☑	No ☐	
7. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
9. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10. VOA vials have zero headspace?	Yes ☐	No ☐	No VOA Vials ☑
11. Were any sample containers received broken?	Yes ☐	No ☑	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14. Is it clear what analyses were requested?	Yes ☑	No ☐	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.7	Good	Yes			

Chain-of-Custody Record

Client: Animas Environmental Services

Mailing Address: 624 E. Comanche
Farmington, NM 87401

Phone #: 505-564-2281

email or Fax#:

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name:
LATERAL 2C-6

Project #:

Project Manager:
Tami Ross

Sampler:

On Ice: ☑ Yes ☐ No

Sample Temperature: 5.7

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1308523	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
8-2013	1221	Soil	S1@3' BG	4oz Jar	cool	-001	✓															

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Date	Time
4/8/13	1715		Christine Walker	4/8/13	1715
4/8/13	1740	Christine Walker		4/09/13	1005

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Enterprise Field Services, LLC	Contact Aaron Dailey
Address 614 Reilly Avenue, Farmington NM 87401	Telephone No. (505)599-2286
Facility Name Bolin A #1 Meter Run Location	Facility Type Natural Gas Meter Run Location

Surface Owner BLM	Mineral Owner BLM	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	34	29N	8W					San Juan

Latitude N36.6778 **Longitude** W107.6692 (Decimal Degrees)

NATURE OF RELEASE

Type of Release Natural gas vapor and liquid	Volume of Release 235 MCF estimated gas loss; 2 barrels condensate/water mix	Volume Recovered 3 yards of stained soil removed from location
Source of Release Natural gas well location meter run	Date and Hour of Occurrence 12.11.2012 @ 04:00 hours (estimated)	Date and Hour of Discovery 12.11.2012 @ 14:30 hours
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

RCVD JUN 24 '13
OIL CONS. DIV.
DIST. 3

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Enterprise measurement department was notified by foreign operator of gas leak and stained soil at the Bolin A #1 MC #70231. Measurement dept. notified area Tech to respond. Upon arrival, Enterprise Tech shut in meter tube and applied lock out tag out (LOTO). He discovered that the Orifice flange had frozen and was leaking. Employee replaced gaskets and placed meter tube back in service.

Describe Area Affected and Cleanup Action Taken.*
Affected area of stained soil was estimated at approximately 10feet X 30feet X 1-12 inches deep. Cleanup using dig and haul techniques occurred on 12/13/2012. Third party environmental contractor was on site to provide cleanup guidance and a report was submitted to the NM OCD and BLM. Per the NM OCD request, additional confirmation sampling of the affected area was conducted with NM OCD on site. This subsequent sampling occurred to confirm that the area has been remediated to OCD standards. Verbal approval to close the site was provided to the NM OCD in a meeting on June 5, 2013. Third party corrective action report and associated sample results are attached to this "final" c-141 report.

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:	OIL CONSERVATION DIVISION
Printed Name: Matt Marra	Approved by Environmental Specialist: Jonathan D. Kelly
Title: Senior Director, Environmental	Approval Date: 8/26/2013 Expiration Date:
E-mail Address: memarra@eprod.com	Conditions of Approval: Attached ☐
Date: 6-18-2013 Phone: (713)381-6684	

* Attach Additional Sheets If Necessary

nJK1323839307

Southwest
GEOSCIENCE
606 S. Rio Grande Avenue, Suite A
Aztec, New Mexico 87410
Ph: (505) 334-5200
Fax: (505) 334-5204

May 28, 2013

Enterprise Products Operating, LLC
614 Reilly Avenue
Farmington, NM 87401
Attn: Mr. Aaron Dailey

Re: Supplemental Environmental Site Investigation
Bolin A #1 Release (Meter Tube)
SW ¼ SW ¼, Sec 34, Township 29 North, Range 8 West
Rural San Juan County, NM
SWG Project No. 0413G003

Dear Mr. Dailey:

Southwest Geoscience (SWG) appreciates the opportunity to submit this Supplemental Environmental Site Investigation (SESI) letter report describing sampling and assessment activities at the Enterprise Products Operating, LLC (Enterprise) Bolin A #1 release site, referred to hereinafter as the "Site" or "subject Site". The Site is located in the SW ¼ of the SW ¼ of Section 34, Township 29 North, Range 8 West in rural San Juan County, New Mexico.

A topographic map is included as Figure 1, an aerial photograph of the Site vicinity is included as Figure 2, and a Site Map is included as Figure 3 of Attachment A.

Response Activities

On December 13, 2012, Enterprise responded to an estimated 100 gallon release of natural gas condensate at the Bolin A#1 site. The initial response activities are described in the *Release Report Bolin A #1 – Souder, Miller & Associates*, dated January 3, 2013, and are summarized below:

- A frozen meter tube rupture resulting in a surface release of natural gas condensate with a surface expression of approximately 35 feet by 20 feet within the driving/parking area of the Site pad. Approximately three (3) cubic yards of hydrocarbon affected soils were excavated from the area utilizing hand tools. The extents of excavation were limited vertically by refusal of hand tools, presumably due to frozen ground conditions, and the total depth of excavation averaged between four (4) and ten (10) inches below grade. The removed soil was transported to the JFJ landfarm on Crouch Mesa in San Juan County, NM for treatment/disposal. Two (2) composite samples were collected from the resulting excavation and submitted for laboratory analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) utilizing SW-846 Method 8021, and total petroleum hydrocarbon (TPH) gasoline range organics (GRO)/ diesel range organics (DRO) utilizing SW-846 Method 8015. The excavation was backfilled to grade to return the site to full operational condition. The subsequent laboratory results indicated benzene, BTEX and TPH concentrations in remaining soils exceed the New Mexico Energy, Minerals, and Natural Resources Department (EMNRD), Oil Conservation Division's (OCD) Remediation Action Levels (RALs). The results of the soil sample analyses from the initial response activities are summarized in Table 1 included in Attachment B.

Supplemental Environmental Site Investigation Activities

On April 19th, 2013, Enterprise returned to the Site with OCD representative Jonathan Kelly to evaluate subsurface soil conditions. A hand auger was utilized to obtain one (1) composite sample (CS-1), and three (3) depth-discrete samples (G-2@10", G-2@14", and G-2@20") from the former release footprint. Each of the samples was collected from native, undisturbed soils. Figure 3 depicts the approximate location of the confirmation soil samples in relation to pertinent structures and land features. The relative locations of the composite samples collected during the initial response activities are also presented on Figure 3.

The SESI soil samples were placed in laboratory prepared glassware, sealed with custody tape/labels and placed on ice in a cooler, which was secured with a custody seal. The sample coolers and completed chain-of-custody forms were relinquished to Hall Environmental Analysis Laboratory (Hall) in Albuquerque, New Mexico for standard turnaround. The executed chain-of-custody form and laboratory data sheets are provided in Appendix C

Hall performed the analyses of samples under an adequate and documented quality assurance program to meet the project and data quality objectives. The laboratory's quality assurance program is generally consistent with the quality standards outlined in the National Environmental Laboratory Accreditation Program, as amended. In addition, the data generated by Hall meets the intralaboratory performance standards for the selected analytical method and the performance standards are sufficient to meet the bias, precision, sensitivity, representativeness, comparability, and completeness, as specified in the project data quality objectives.

SWG concurs with the Site's previous ranking of "0" on the NMOCD site ranking system. Although a natural drainage and a man-made erosion control pond are present in the vicinity of the Site, these features have only been observed to convey water during heavy precipitation events.

SWG compared the TPH GRO/DRO and BTEX concentrations or laboratory reporting limits (RLs) associated with the soil samples collected from the SESI hand-auger borings to the OCD *Remediation Action Levels* for Sites having a total ranking score of "0". The results of the soil sample analyses are summarized in Table 1 included in Attachment B.

Total Petroleum Hydrocarbons

SESI soil samples C-1, G-2@14", and G-2@20" did not exhibit TPH GRO/DRO concentrations above the laboratory RLs, which are below the OCD's *Remediation Action Level* of 5,000 mg/Kg.

SESI soil sample G-2@10" exhibited TPH GRO/DRO concentrations of 110 mg/Kg and 78 mg/Kg, respectively, which are below the OCD's *Remediation Action Level* of 5,000 mg/Kg.

Benzene and Total BTEX

SESI soil sample C-1 did not exhibit benzene, toluene, ethylbenzene, total xylenes, or total BTEX concentrations above the laboratory RLs, which are below the OCD's *Remediation Action Levels*.

SESI soil samples G-2@10", G-2@14", and G-2@20" exhibited BTEX constituent and total BTEX concentrations above the laboratory RLs, but below the OCD's *Remediation Action Levels*.

Conclusions / Recommendations

Based on the data obtained during the SESI, it appears that the downward migration of condensate at the Site was limited by the frozen ground. It also appears that a majority of the affected material was effectively removed during the initial response activities at the site.

SWG has the following recommendations:

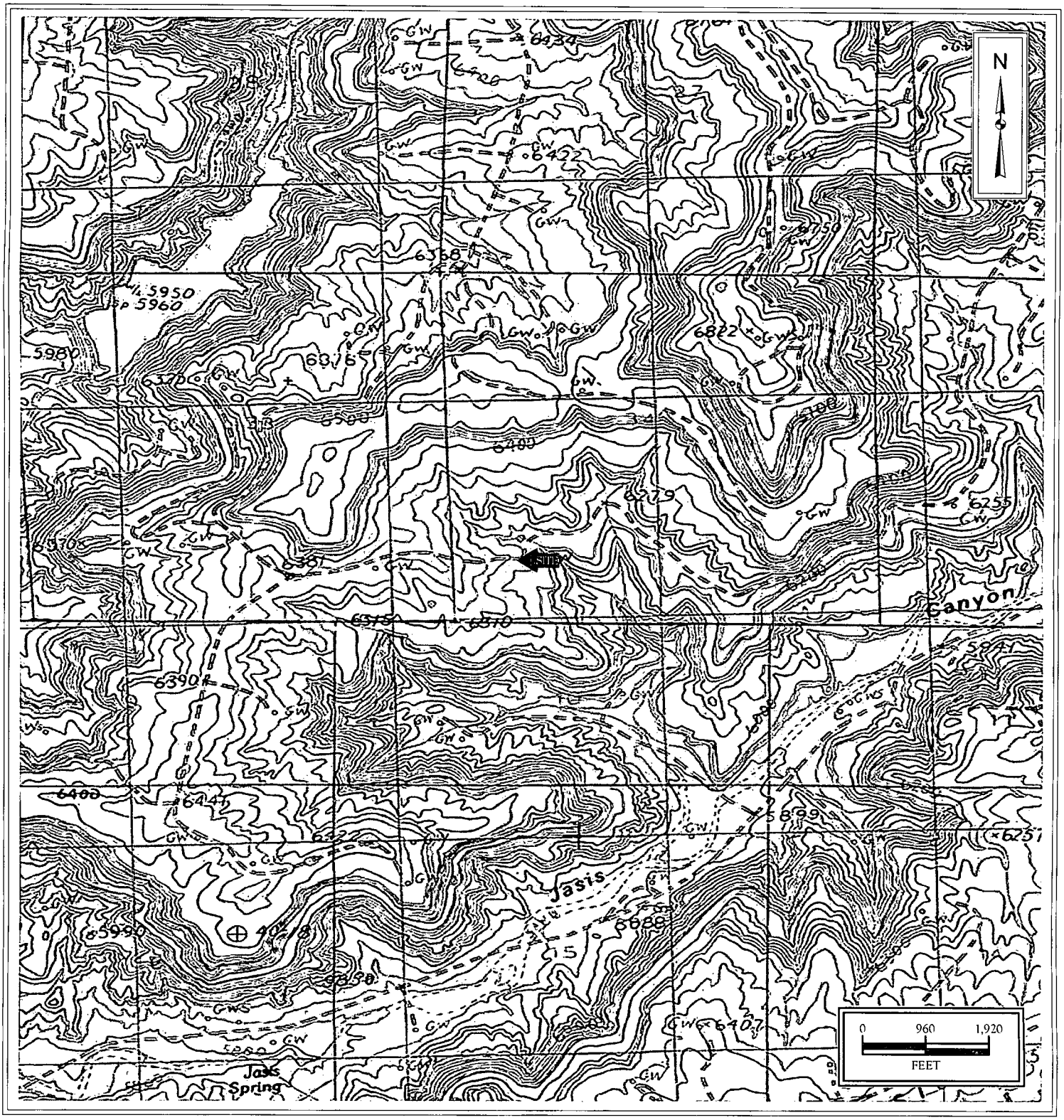
- Report the results of this investigation to the New Mexico OCD;
- Request that no further action be required in relation to this release at this time.

If you should have any questions or comments regarding this letter report, please contact the undersigned at (505) 334-5200.

Sincerely,
Southwest Geoscience

Kyle Summers C.P.G.
Manager, Four Corners

B. Chris Mitchell, P.G.
Principal Geoscientist



Bolin A #1
N36° 40' 40.368"; W107° 40' 9.48"
Rural San Juan County, NM

SWG Project No. 0413G003

Southwest GEOSCIENCE

Figure 1
Topographic Map
Cutter Canyon
New Mexico Quadrangle
Contour Interval = 20 Feet
1985

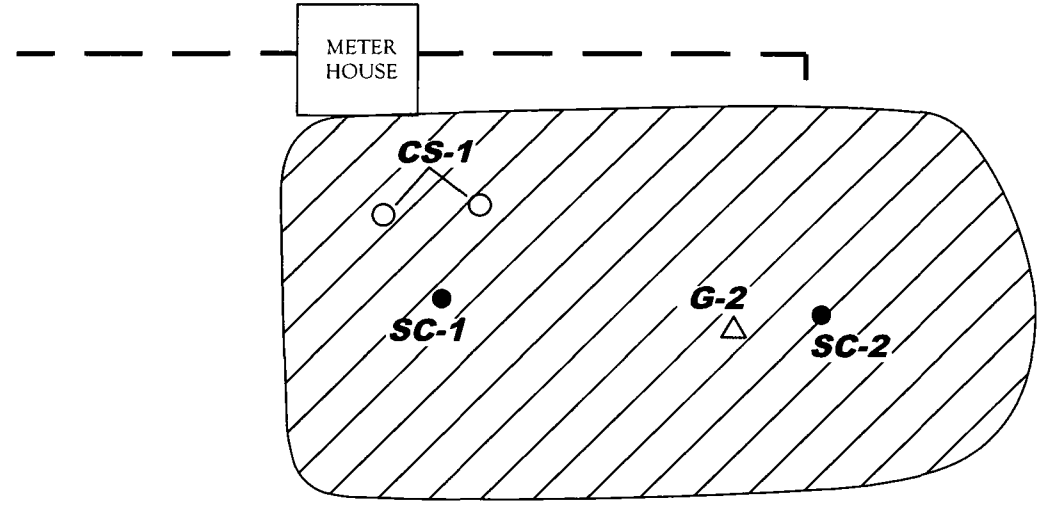
Bolin A #1
N36° 40' 40.368"; W107° 40' 9.48"
Rural San Juan County, NM

SWG Project No. 0413G003

Southwest GEOSCIENCE

Figure 2

Site Vicinity Map



N

LEGEND:

- COMPOSITE SAMPLE LOCATION (SMA DECEMBER 2012)
- COMPOSITE SAMPLE LOCATION (SWG APRIL 2013)
- GRAB SAMPLE LOCATION (SWG APRIL 2013)
- APPROXIMATE EXTENT OF RELEASE AREA & AFFECTED SOIL REMOVAL

0 5 10

1" = 10'

Bolin A #1
N36° 40' 40.368"; W107° 40' 9.48"
Rural San Juan County, NM

SWG Project No. 0413G003

Southwest GEOSCIENCE

Figure 3

Site Map

Southwest GEOSCIENCE

TABLE 1
Bolin A #1
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Type C- Composite G - Grab	Sample Depth (inches)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)
New Mexico Entergy, Mineral & Natural Resources Department, Oil Conservation Division, Remediation Action Level				10	NE	NE	NE	50	5,000	
Soil Samples Collected During Response Actions										
SC-1	12.13.12	C	6	67	820	100	1,100	2,087.0	17,000	550
SC-2	12.13.12	C	6	8.8	110	15	180	313.8	3,000	1,800
Soil Samples Collected by SWG During April 2013										
C-1	04.19.13	C	12	<0.048	<0.048	<0.048	<0.095	<0.239	<4.8	<9.9
G-2	04.19.13	G	10	<0.048	0.48	0.34	4.3	5.12	110	78
G-2	04.19.13	G	14	<0.049	<0.049	<0.049	0.13	0.13	<4.9	<10
G-2	04.19.13	G	20	<0.047	<0.047	<0.047	0.13	0.13	<4.7	<9.9

Note: Concentrations in **bold** and yellow exceed the applicable OCD Remediation Action Level

NE = Not Established

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 02, 2013

Kyle Summers

Southwest Geoscience
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (903) 821-5603
FAX (214) 350-2914

RE: Bolin A #1 OrderNo.: 1304838

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 4 sample(s) on 4/20/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1304838**
Date Reported: **5/2/2013**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Southwest Geoscience
Project: Bolin A #1
Lab ID: 1304838-001 **Matrix:** SOIL

Client Sample ID: C1 (12")
Collection Date: 4/19/2013 9:45:00 AM
Received Date: 4/20/2013 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **GSA**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/24/2013 6:43:18 AM
Surr: DNOP	106	63-147		%REC	1	4/24/2013 6:43:18 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/27/2013 12:27:34 AM
Surr: BFB	92.0	80-120		%REC	1	4/27/2013 12:27:34 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.048		mg/Kg	1	4/27/2013 12:27:34 AM
Toluene	ND	0.048		mg/Kg	1	4/27/2013 12:27:34 AM
Ethylbenzene	ND	0.048		mg/Kg	1	4/27/2013 12:27:34 AM
Xylenes, Total	ND	0.095		mg/Kg	1	4/27/2013 12:27:34 AM
Surr: 4-Bromofluorobenzene	104	80-120		%REC	1	4/27/2013 12:27:34 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Analytical Report
Lab Order **1304838**
Date Reported: **5/2/2013**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Southwest Geoscience
Project: Bolin A #1
Lab ID: 1304838-002 **Matrix:** SOIL

Client Sample ID: G2 (10")
Collection Date: 4/19/2013 9:55:00 AM
Received Date: 4/20/2013 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **GSA**
Diesel Range Organics (DRO)	78	10		mg/Kg	1	4/24/2013 7:48:01 AM
Surr: DNOP	101	63-147		%REC	1	4/24/2013 7:48:01 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	110	4.8		mg/Kg	1	4/27/2013 12:56:09 AM
Surr: BFB	516	80-120	S	%REC	1	4/27/2013 12:56:09 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.048		mg/Kg	1	4/27/2013 12:56:09 AM
Toluene	0.48	0.048		mg/Kg	1	4/27/2013 12:56:09 AM
Ethylbenzene	0.34	0.048		mg/Kg	1	4/27/2013 12:56:09 AM
Xylenes, Total	4.3	0.095		mg/Kg	1	4/27/2013 12:56:09 AM
Surr: 4-Bromofluorobenzene	133	80-120	S	%REC	1	4/27/2013 12:56:09 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Southwest Geoscience
Client Sample ID: G2 (14")
Project: Bolin A #1
Collection Date: 4/19/2013 9:50:00 AM
Lab ID: 1304838-003
Matrix: SOIL
Received Date: 4/20/2013 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **GSA**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/24/2013 8:09:41 AM
Surr: DNOP	103	63-147		%REC	1	4/24/2013 8:09:41 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/27/2013 1:53:15 AM
Surr: BFB	104	80-120		%REC	1	4/27/2013 1:53:15 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.049		mg/Kg	1	4/27/2013 1:53:15 AM
Toluene	ND	0.049		mg/Kg	1	4/27/2013 1:53:15 AM
Ethylbenzene	ND	0.049		mg/Kg	1	4/27/2013 1:53:15 AM
Xylenes, Total	0.13	0.098		mg/Kg	1	4/27/2013 1:53:15 AM
Surr: 4-Bromofluorobenzene	106	80-120		%REC	1	4/27/2013 1:53:15 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Southwest Geoscience
Project: Bolin A #1
Lab ID: 1304838-004 **Matrix:** SOIL

Client Sample ID: G2 (20")
Collection Date: 4/19/2013 10:00:00 AM
Received Date: 4/20/2013 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **GSA**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/24/2013 8:31:18 AM
Surr: DNOP	103	63-147		%REC	1	4/24/2013 8:31:18 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/27/2013 2:21:50 AM
Surr: BFB	104	80-120		%REC	1	4/27/2013 2:21:50 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.047		mg/Kg	1	4/27/2013 2:21:50 AM
Toluene	ND	0.047		mg/Kg	1	4/27/2013 2:21:50 AM
Ethylbenzene	ND	0.047		mg/Kg	1	4/27/2013 2:21:50 AM
Xylenes, Total	0.13	0.094		mg/Kg	1	4/27/2013 2:21:50 AM
Surr: 4-Bromofluorobenzene	105	80-120		%REC	1	4/27/2013 2:21:50 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304838**

02-May-13

Client: Southwest Geoscience

Project: Bolin A #1

Sample ID **1304838-001AMS**	SampType: **MS**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **C1 (12")**	Batch ID: **7090**	RunNo: **10063**
Prep Date: **4/22/2013**	Analysis Date: **4/24/2013**	SeqNo: **286670** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	10	50.20	7.296	91.6	12.6	148			
Surr: DNOP	5.6		5.020		111	63	147			

Sample ID **1304838-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **C1 (12")**	Batch ID: **7090**	RunNo: **10063**
Prep Date: **4/22/2013**	Analysis Date: **4/24/2013**	SeqNo: **286671** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	49.85	7.296	88.4	12.6	148	3.71	22.5	
Surr: DNOP	5.4		4.985		109	63	147	0	0	

Sample ID **MB-7090**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **7090**	RunNo: **10063**
Prep Date: **4/22/2013**	Analysis Date: **4/23/2013**	SeqNo: **286672** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	10		10.00		103	63	147			

Sample ID **LCS-7090**	SampType: **LCS**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **7090**	RunNo: **10063**
Prep Date: **4/22/2013**	Analysis Date: **4/23/2013**	SeqNo: **286673** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	10	50.00	0	113	47.4	122			
Surr: DNOP	5.8		5.000		117	63	147			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304838**

02-May-13

Client: Southwest Geoscience

Project: Bolin A #1

Sample ID **MB-7094**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **7094**	RunNo: **10142**
Prep Date: **4/22/2013**	Analysis Date: **4/26/2013**	SeqNo: **289209** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		89.3	80	120			

Sample ID **LCS-7094**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **7094**	RunNo: **10142**
Prep Date: **4/22/2013**	Analysis Date: **4/26/2013**	SeqNo: **289211** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	62.6	136			
Surr: BFB	1100		1000		113	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304838**

02-May-13

Client: Southwest Geoscience

Project: Bolin A #1

Sample ID **MB-7094**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **7094**	RunNo: **10142**
Prep Date: **4/22/2013**	Analysis Date: **4/26/2013**	SeqNo: **289250** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

Sample ID **LCS-7094**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **7094**	RunNo: **10142**
Prep Date: **4/22/2013**	Analysis Date: **4/26/2013**	SeqNo: **289251** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.050	1.000	0	106	80	120			
Toluene	1.0	0.050	1.000	0	104	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.1	0.10	3.000	0	102	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		107	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Southwest Geoscience Work Order Number: 1304838 RcptNo: 1

Received by/date: LM 04/20/13

Logged By: **Michelle Garcia** 4/20/2013 10:15:00 AM Michelle Garcia

Completed By: **Michelle Garcia** 4/22/2013 9:46:54 AM Michelle Garcia

Reviewed By: JO 04/22/2013

Chain of Custody

1. Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
2. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
3. How was the sample delivered?	Courier		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
6. Sample(s) in proper container(s)?	Yes ☑	No ☐	
7. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
9. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10. VOA vials have zero headspace?	Yes ☐	No ☐	No VOA Vials ☑
11. Were any sample containers received broken?	Yes ☐	No ☑	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14. Is it clear what analyses were requested?	Yes ☑	No ☐	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.4	Good	Yes			

CHAIN OF CUSTODY RECORD

Southwest GEOSCIENCE
Environmental & Hydrogeologic Consultants

Office Location: Aztec
Project Manager: Summers

Laboratory: Hall
Address: ABQ
Contact: Andy Freeman
Phone:
PO/SO #: 04136003

Sampler's Name: Kyle Summers
Sampler's Signature:

Proj. No.: 04136003
Project Name: Bolin A #1 mg 04/22
No/Type of Containers

ANALYSIS REQUESTED: BTEX 8021 / TPH GRO/DRO 8015

Lab use only
Due Date:
Temp. of coolers when received (C°): 1.4°
1 | 2 | 3 | 4 | 5
Page ____ of ____

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 Lt.	250 ml	P/O	BTEX	TPH	Lab Sample ID (Lab Use Only)
S	4/19/13	0945	X		C1 (12")	10"	12"				1	X	X	1304838-001
↓	↓	0955		X	G2 (10")	8"	10"				↓	↓	↓	-002
		0950		X	G2 (14")	12"	14"							-003
↓	↓	1000		X	G2 (20")	18"	20"				↓	↓	↓	-004

AFS
KS

Turn around time: ☑ Normal ☐ 25% Rush ☐ 50% Rush ☐ 100% Rush

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	4/19/13	1345	Mistie Weeks	4/19/13	1345
Mistie Weeks	4/19/13	1747		04/20/13	1015

NOTES: Verified Project Name with Kyle. mg 04/

Matrix: WW - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil
Container: VOA - 40 ml vial; A/G - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/O - Plastic or other ____

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Enterprise Field Services	Contact: Aaron Dailey
Address 614 Reilly Ave., Farmington, NM 87401	Telephone No. 505-599-2286
Facility Name Lateral 6B-10 Condensate Tank	Facility Type: Natural gas gathering line drip tank

Surface Owner: BLM	Mineral Owner BLM	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	24	28N	12W					San Juan

Latitude__N 36.65077_ **Longitude**_W 108.06145__

NATURE OF RELEASE

Type of Release: Natural Gas Condensate, Produced Water	Volume of Release Unknown-no free product but contaminated soils present to 12 feet	Volume Recovered: TBD (Dig and Haul Scheduled)
Source of Release: Pipeline Condensate Drip Tank	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery On 5/3/2013 @ 14:00 hours, the hole was discovered in bottom of tank; Third party environmental contractor conducted assessment 5/8/2012
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom? Aaron Dailey	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

RCVD JUN 14 '13
OIL CONS. DIV.
DIST. 3

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* During a routine drip tank visual inspection an Enterprise technician noticed a small oil stain at the base of the tank near the man way access. Believing that the tank was leaking around the gasket of the man way, he had the tank pulled to remove all of the liquid in preparation to replace the gasket. After having the tank pulled they noticed the bottom of the tank had a hole in it. Tank was rendered out of service at that time.

Describe Area Affected and Cleanup Action Taken.* Confirmation sampling was conducted on soil; preliminary soil auger sampling shows impacts to 12 feet in coarse sand beneath the tank footprint. Dig and haul excavation of contamination is currently being scheduled; a corrective action report and a "final" C-141 report will be submitted once these actions are completed.

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:	OIL CONSERVATION DIVISION
Printed Name: Matt Marra	Approved by Environmental Specialist: Jonathan D. Kelly
Title: Sr. Director, Environmental	Approval Date: 7/9/2013 Expiration Date:
E-mail Address: memarra@eprod.com	Conditions of Approval: Notify Aztec OCD office 24 hrs prior to excavation Attached ☐
Date: 6-11-2013 Phone: 713-381-6684	

* Attach Additional Sheets If Necessary

nJK1319038604

Enterprise Products

ENTERPRISE PRODUCTS PARTNERS L.P.
ENTERPRISE PRODUCTS HOLDINGS LLC
(General Partner)

ENTERPRISE PRODUCTS OPERATING LLC

June 11, 2013

7012 3460 0001 7235 8353
Return Receipt Requested

EMNRD Oil Conservation Division
Aztec District III Office
Attn: Brandon Powell / Jonathan Kelly
1000 Rio Brazos Road
Aztec, NM 87410

RE: Lateral 6B-10 Condensate Tank
Release Notification (Resubmittal)

Dear Powell:

Attached is the Release Notification and Corrective Action Report as prepared by our field representative, Aaron Dailey. Should you need to reach Mr. Dailey, his phone number is 505-599-2286.

Yours truly,

Shiver J. Nolan
Senior Compliance Administrator

/sjn

P. O. BOX 4324
HOUSTON, TX 77210-4324
713.381.6500

1100 LOUISIANA STREET
HOUSTON, TX 77002-5227
www.enterpriseproducts.com

230

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Enterprise Field Services	Contact: Aaron Dailey
Address 614 Reilly Ave., Farmington, NM 87401	Telephone No. 505-599-2286
Facility Name Trunk 2B Gathering Line	Facility Type: Natural gas gathering line

Surface Owner: Navajo	Mineral Owner BLM	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	7	27N	11W					San Juan

Latitude_N 36.594763 _ **Longitude**_W 108.053748 (Decimal Degrees) __

NATURE OF RELEASE

Type of Release: Natural Gas Pipeline Release	Volume of Release Unknown	Volume Recovered: TBD (Dig and Haul Scheduled)
Source of Release: Corrosion hole	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery 5.23.2013 @ 10:00 hours
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

RCVD JUN 10 '13
OIL CONS. DIV.
DIST. 3

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* During a routine line patrol conducted by Enterprise, evidence of a pipeline leak was discovered on the lateral 2B right of way. Enterprise operations isolated the pipeline and removed it from service. A one-call was submitted and repairs were made to the pipe leak location.

Describe Area Affected and Cleanup Action Taken.* A third party environmental contractor was dispatched to the leak location to delineate any impacted soil at this location. It is estimated that approximately 190 cubic yards of petroleum contaminated soil will need to be excavated and hauled to an OCD permitted land farm facility; a delineation map specific to this pipe leak location is attached to this report. A "final" c-141 report and a third party corrective action report will be submitted to applicable agencies once closure activities have been completed.

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.

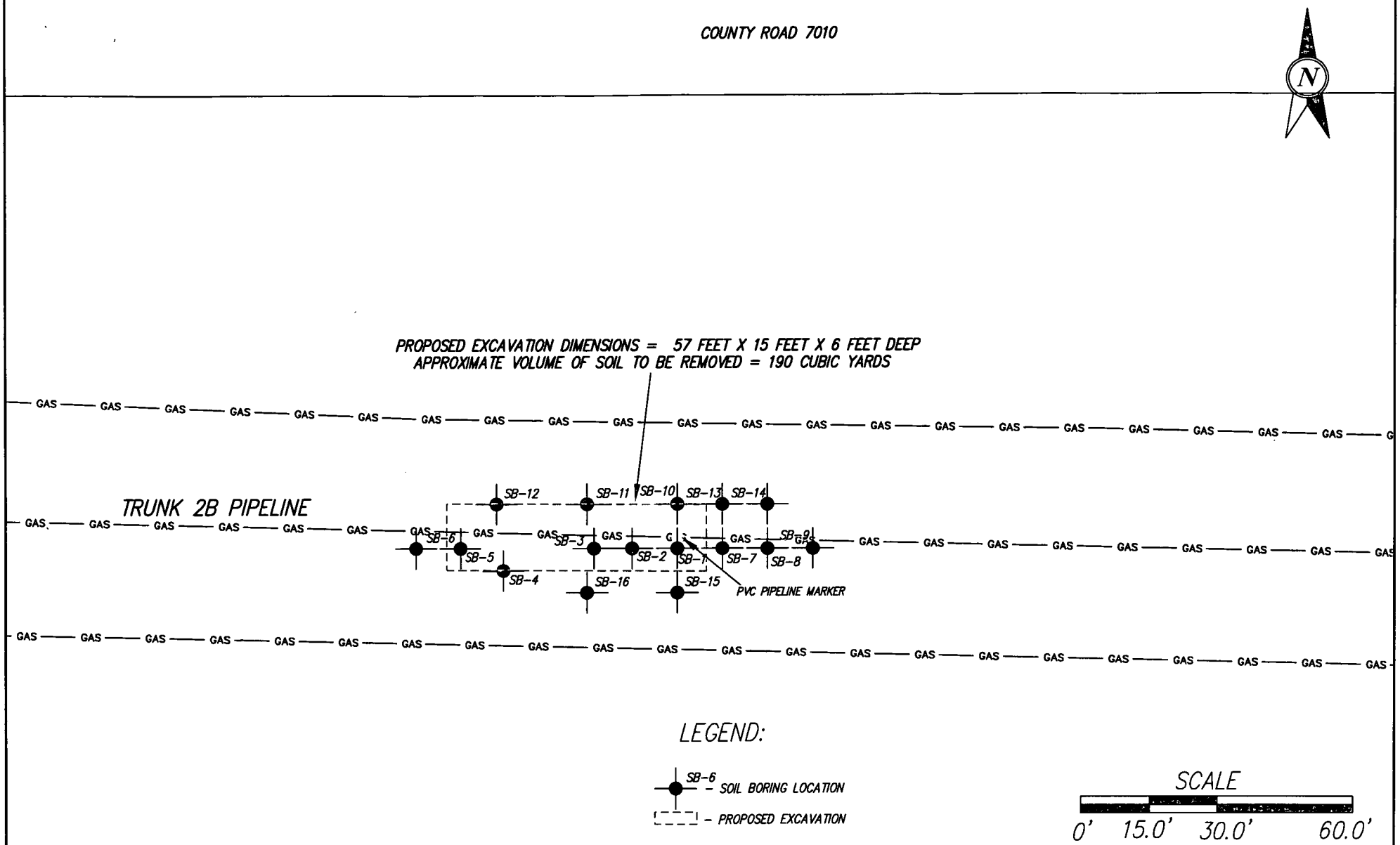
Signature:	OIL CONSERVATION DIVISION	
Printed Name: Matt Marra	Approved by Environmental Specialist:	
Title: Sr. Director, Environmental	Approval Date: 7/9/2013	Expiration Date:
E-mail Address: memarra@eprod.com	Conditions of Approval:	Attached ☐
Date: 6-3-2013 Phone: 713-381-6684		

* Attach Additional Sheets If Necessary

nJK1319051668
505

Date	Time	Field Screening Reference	Sample Depth (Feet BGS)	PID Results in PPM	Lab Sample Collected Y/N
5/28/2013	10:25	SB-1	1	176.0	N
5/28/2013	10:26	SB-1	2	580.0	N
5/28/2013	10:27	SB-1	3	188.0	N
5/28/2013	10:28	SB-1	4	151.0	N
5/28/2013	10:29	SB-1	5	118.0	N
5/28/2013	14:34	SB-1	6	16.0	N
5/28/2013	14:35	SB-1	7	45.0	N
5/28/2013	10:30	SB-2	1	622.0	N
5/28/2013	10:31	SB-2	2	501.0	N
5/28/2013	10:32	SB-2	3	932.0	N
5/28/2013	10:33	SB-2	4	884.0	N
5/28/2013	10:34	SB-2	5	1558.0	N
5/28/2013	14:36	SB-2	6	200.0	N
5/28/2013	14:37	SB-2	7	105.0	N
5/28/2013	10:35	SB-3	1	1934.0	N
5/28/2013	10:36	SB-3	2	987.0	N
5/28/2013	10:37	SB-3	3	1156.0	N
5/28/2013	10:38	SB-3	4	879.0	N
5/28/2013	11:16	SB-4	1	324.0	N
5/28/2013	11:17	SB-4	2	49.0	N
5/28/2013	1:18	SB-4	3	57.0	N
5/28/2013	11:19	SB-4	4	69.0	N
5/28/2013	11:20	SB-4	5	64.0	N
5/28/2013	11:21	SB-5	1	1251.0	N
5/28/2013	11:22	SB-5	2	1042.0	N
5/28/2013	11:23	SB-5	3	3009.0	N
5/28/2013	11:24	SB-5	4	708.0	N
5/28/2013	11:25	SB-5	5	413.0	N
5/28/2013	11:26	SB-6	1	58.0	N
5/28/2013	11:27	SB-6	2	74.0	N
5/28/2013	11:28	SB-6	3	101.0	N
5/28/2013	11:29	SB-6	4	112.0	N
5/28/2013	11:30	SB-6	5	104.0	N
5/28/2013	11:53	SB-7	1	51.0	N
5/28/2013	11:54	SB-7	2	130.0	N
5/28/2013	11:55	SB-7	3	77.0	N
5/28/2013	11:56	SB-7	4	49.0	N
5/28/2013	11:57	SB-7	5	58.0	N
5/28/2013	11:58	SB-8	1	44.0	N
5/28/2013	11:59	SB-8	2	41.0	N
5/28/2013	12:00	SB-8	3	47.0	N
5/28/2013	10:01	SB-8	4	52.0	N
5/28/2013	12:02	SB-8	5	52.0	N

5/28/2013	12:03	SB-9	1	5.0	N
5/28/2013	12:04	SB-9	2	1.7	N
5/28/2013	12:05	SB-9	3	9.0	N
5/28/2013	12:06	SB-9	4	9.0	N
5/28/2013	12:07	SB-9	5	12.0	N
5/28/2013	12:51	SB-10	1	150.0	N
5/28/2013	12:52	SB-10	2	46.0	N
5/28/2013	12:53	SB-10	3	54.0	N
5/28/2013	12:54	SB-10	4	54.0	N
5/28/2013	12:55	SB-11	1	1005.0	N
5/28/2013	12:56	SB-11	2	1107.0	N
5/28/2013	12:57	SB-11	3	557.0	N
5/28/2013	12:58	SB-11	4	323.0	N
5/28/2013	12:59	SB-11	5	26.0	N
5/28/2013	13:00	SB-12	1	25.0	N
5/28/2013	13:01	SB-12	2	5.0	N
5/28/2013	13:02	SB-12	3	27.0	N
5/28/2013	13:03	SB-12	4	45.0	N
5/28/2013	13:04	SB-12	5	13.0	N
5/28/2013	13:55	SB-13	1	41.0	N
5/28/2013	13:56	SB-13	2	68.0	N
5/28/2013	13:56	SB-13	3	38.0	N
5/28/2013	13:56	SB-13	4	17.0	N
5/28/2013	13:57	SB-13	5	26.0	N
5/28/2013	13:58	SB-14	1	17.0	N
5/28/2013	13:59	SB-14	2	7.0	N
5/28/2013	14:00	SB-14	3	5.0	N
5/28/2013	14:01	SB-14	4	6.0	N
5/28/2013	14:02	SB-14	5	23.0	N
5/28/2013	14:03	SB-15	1	97.0	N
5/28/2013	14:04	SB-15	2	82.0	N
5/28/2013	14:05	SB-15	3	19.0	N
5/28/2013	14:06	SB-15	4	124.0	N
5/28/2013	14:07	SB-15	5	172.0	N
5/28/2013	14:08	SB-16	1	32.0	N
5/28/2013	14:09	SB-16	2	70.0	N
5/28/2013	14:10	SB-16	3	31.0	N
5/28/2013	14:11	SB-16	4	22.0	N
5/28/2013	14:12	SB-16	5	24.0	N



SMA
Civil / Environmental Scientists & Engineers
2101 SAN JUAN BLVD
FARMINGTON, NM 87401
FAX (505) 327-1496
PH. (505) 325-5667

APPROVED: RSA	DATE: 05/28/2013
DRAWN BY: TLONG	DATE: 05/28/2013
REVISIONS BY:	DATE:
PROJECT # 5122104	FIGURE: 1

SITE MAP AND PROPOSED EXCAVATION MAP
TRUNK 2B
NE 1/4 NE 1/4 SECTION 12 T27N R12W
SAN JUAN COUNTY, NEW MEXICO

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Enterprise Field Services, LLC	Contact Aaron Dailey
Address 614 Reilly Avenue, Farmington NM 87401	Telephone No. (505)599-2286
Facility Name Lateral K-17 Pipeline	Facility Type Natural Gas Gathering line

Surface Owner BLM	Mineral Owner BLM	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	6	27N	8W					San Juan

Latitude_N36.599836__ **Longitude**_W107.719507 (Decimal Degrees)____

NATURE OF RELEASE

Type of Release Natural gas Condensate and Water	Volume of Release Unknown	Volume Recovered 40 yards of contaminated soil removed
Source of Release Corrosion hole	Date and Hour of Occurrence 5.2.2013 @ 12:10 hours	Date and Hour of Discovery 5.2.2013 @ 12:10 hours
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

RCVD MAY 13 '13
OIL CONS. DIV.
DIST. 3

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Corrosion control injection contractor detected leak on pipe while working. Enterprise technician shut down the work, moved workers away from the area into a safe location and called supervisor. Additional technicians shut the line in, applied LOTO, and made pertinent notifications. Repairs were scheduled for May 7, 2013.

Describe Area Affected and Cleanup Action Taken.*
Some impacted soil was encountered upon repairs to the pipeline. This petroleum contaminated soil, approximately 40 yards, was hauled to an OCD permitted landfarm facility. Clean fill from the OCD permitted landfarm facility was brought back in to the pipeline excavation for backfill material. Third party corrective action report documenting closure will be submitted with a c-141 "final" report.

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:	OIL CONSERVATION DIVISION
Printed Name: Matt Marra	Approved by Environmental Specialist: Jonathan D. Kelly
Title: Sr. Director, Environmental	Approval Date: 11/8/2013 Expiration Date:
E-mail Address: memarra@eprod.com	Conditions of Approval: Attached ☐
Date: 5-8-2013 Phone: (713)381-6684	

* Attach Additional Sheets If Necessary

nJK1331252~~358~~
205

(235)