

**3R-1012**

**Release Report/ General  
Correspondence**

**Enterprise RA**

**Date: 2012**

District I  
1625 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

Form C-141  
Revised August 8, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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 Products Operating, L.P.	Contact	Aaron Dailey
Address	614 Reilly Avenue, Farmington 87401	Telephone No.	(505) 599-2286
Facility Name	Salazar #9 Pipeline	Facility Type	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	22	25N	6W					Rio Arriba

Latitude\_N36.38572\_ Longitude\_W107.4458\_

**NATURE OF RELEASE**

Type of Release	Oil/Condensate/Natural gas. Soil impact has been confirmed.	Volume of Release	Unknown	Volume Recovered	Remedial excavation scheduled 10/9 - 10/10/2012
Source of Release	4" Pipeline	Date and Hour of Occurrence	Unknown	Date and Hour of Discovery	8/6/2012
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Not known to be reportable until completion of release assessment and receipt of laboratory analytical results on 10/3/2012			
By Whom?		Date and Hour			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.\*

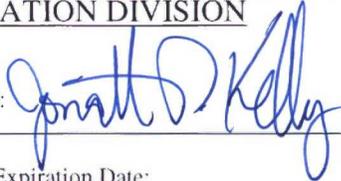
RCVD OCT 9 '12  
OIL CONS. DIV.  
DIST. 3

Describe Cause of Problem and Remedial Action Taken.\* Initial response activities included repair of the 4" pipeline the week of 8/13/2012. A release assessment was completed by a third party contractor on 9/24/2012. Based on the third party assessment and laboratory analysis received on 10/3/2012, the release was determined to be reportable. Figure 3 illustrates the release assessment and is attached.

Describe Area Affected and Cleanup Action Taken.\*

Continued remedial activities include source removal of the impacted soils (figure attached) and additional soil samples for confirmation, scheduled for 10/9 - 10/10/2012.

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Aaron Dailey	Approved by Environmental Specialist: 	
Title: Environmentalist	Approval Date: 10/23/2012	Expiration Date:
E-mail Address: amdailey@eprod.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10/3/2012	Phone: (505) 599-2286	

\* Attach Additional Sheets If Necessary

nJK1229736800

District I  
1625 N. French Dr., Hobbs, NM 88240  
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811 S. First St., Artesia, NM 88210  
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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 San Juan 27-5 # 133	Facility Type Natural Gas Gathering Pipeline

Surface Owner Private	Mineral Owner Federal	API No.
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	19	27N	5W					Rio Arriba

Latitude\_N 36.5562\_ Longitude\_W 107.4056 (decimal degrees)\_

**NATURE OF RELEASE**

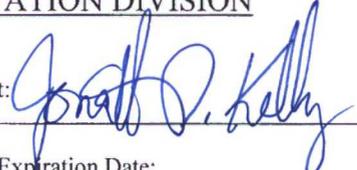
Type of Release Natural Gas	Volume of Release Unknown	Volume Recovered Estimated that 100 cubic yards of contaminated soil is to be removed and hauled to OCD permitted landfarm facility
Source of Release 4" natural gas gathering line	Date and Hour of Occurrence Initial leak location discovered on 12/3/2012 @ 10:15 hours	Date and Hour of Discovery Initial leak location discovered on 12/3/2012 @ 10:15 hours
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	RCVD DEC 13 '12
By Whom?	Date and Hour 10.26.2011 @ 11:14 hours	OIL CONS. DIV.
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	DIST. 3

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\* A foreign operator was headed to location when he noticed gas leaking along with moisture on the ROW. He notified the Watts department who then notified the area Supervisor. Technicians were dispatched to investigate the site and found the ground wet and gas venting from the soil. Technicians isolated and blew line down and applied LOTO. Environmental department was notified at that time.

Describe Area Affected and Cleanup Action Taken.\* A third party environmental contractor conducted an environmental assessment, which determined that approximately 100 cubic yards of petroleum contaminated soil will have to be removed and hauled to an OCD permitted landfarm facility. This determination is based on soil ranking criteria provided in the 1993 Oil Conservation Division guidance for remediation of spills, leaks and releases. A final c-141 report and third party environmental corrective action report will be submitted to appropriate jurisdictional agencies once site closure has been attained.

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Matthew E. Marra	Approved by Environmental Specialist: 	
Title: Sr. Director - Environmental	Approval Date: 3/7/2013	Expiration Date:
E-mail Address: memarra@eprod.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12/6/2012 Phone: 713-381-6684		

\* Attach Additional Sheets If Necessary

nJK1306650941

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1625 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy Minerals and Natural Resources

Form C-141  
Revised August 8, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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 Products	Contact Aaron Dailey
Address 614 Reilly Avenue, Farmington 87401	Telephone No. (505) 599-2286
Facility Name K-31 Pipeline	Facility Type Pipeline

Surface Owner Private	Mineral Owner BLM	API No.
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	16	25N	6W					Rio Arriba

Latitude N36.39379° Longitude W107.47519°

**NATURE OF RELEASE**

Type of Release Condensate,/Natural	Volume of Release Unknown	Volume Recovered None
Source of Release 4" Pipeline	Date and Hour of Occurrence Unknown	Date and Hour of Discovery Groundwater Impact Known 4/6/12 at 1125
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell and Glenn von Gonten of NMOCD	
By Whom? Aaron Dailey, Enterprise Products Company	Date and Hour 4/6/12 at 1625 hours	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

RCVD APR 18 '12  
OIL CONS. DIV.  
DIST. 3

If a Watercourse was Impacted, Describe Fully.\*

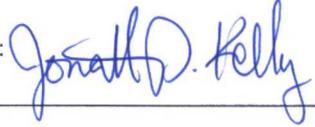
Describe Cause of Problem and Remedial Action Taken.\*

Initial response activities included replacing 50 feet of pipeline and installing a new can around well tie. An initial site assessment for impacted soil was completed on December 8, 2011. A site assessment for impacted groundwater was completed on March 15, 2012. Laboratory analytical reports were received on April 6, 2012, which confirmed groundwater impact at the location.

Describe Area Affected and Cleanup Action Taken.\*

A workplan for the installation of groundwater monitor wells will be submitted. The monitor wells will be installed in order to delineate the horizontal and vertical extent of hydrocarbon contamination. Based on the results of the monitoring well installation, further remedial actions will be recommended.

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: 	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Aaron Dailey	Approved by Environmental Specialist: 	
Title: Field Environmental Scientist	Approval Date: 4/19/2012	Expiration Date:
E-mail Address: amdailey@eprod.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: April 2, 2012	Phone: 505-599-2286	

\* Attach Additional Sheets If Necessary

nJK1211037422

Copy sent to SANTA FE

District I  
1625 N. French Dr., Hobbs, NM 88240  
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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 Products	Contact Aaron Dailey
Address 614 Reilly Avenue, Farmington 87401	Telephone No. (505) 599-2286
Facility Name Lateral 2C-45	Facility Type Pipeline

Surface Owner BLM	Mineral Owner BLM	API No.
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#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	24	25N	6W					Rio Arriba

Latitude N36.38347° Longitude W107.41676°

#### NATURE OF RELEASE

Type of Release Oil/Condensate/Natural Gas. Soil and Groundwater impact has been confirmed.	Volume of Release Unknown	Volume Recovered 12 bbls of condensate and water
Source of Release 4" Pipeline	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 3/31/12; 0900
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell and Glenn von Gonten of NMOCD	
By Whom? Aaron Dailey, Enterprise Products Company	Date and Hour 3/31/12 at 1020 hours	
Was a Watercourse Reached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse. Unknown volume in Lapis Canyon wash	

RCVD APR 5 '12  
OIL CONS. DIV.  
DIST. 3

If a Watercourse was Impacted, Describe Fully.\*

Soil and groundwater impacted by hydrocarbons around low point of pipeline that is buried in the Lapis Canyon wash.

Describe Cause of Problem and Remedial Action Taken.\*

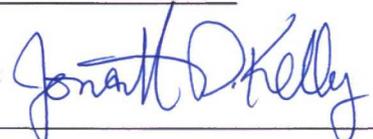
Initial response activities included replacing 140 feet of pipeline, excavation of 200 cubic yards of contaminated soils, and removal of 12 bbls of condensate and groundwater. Continued remedial activities (source removal) will continue the week of April 9, 2012. Confirmation groundwater samples will be collected during remedial activities, as well as confirmation soil samples.

Describe Area Affected and Cleanup Action Taken.\*

Cleanup action will consist of source removal for impacted soils and groundwater. Site work will continue week of April 9, 2012.

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

#### OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist: 	
Printed Name: Aaron Dailey	Approval Date: 4/19/2012	Expiration Date:
Title: Field Environmental Scientist	Conditions of Approval:	Attached <input type="checkbox"/>
E-mail Address: amdailey@eprod.com		
Date: April 2, 2012 Phone: 505-599-2286		

\* Attach Additional Sheets If Necessary

nJK1211048312

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1625 N. French Dr., Hobbs, NM 88240  
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Energy Minerals and Natural Resources

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Revised August 8, 2011

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1220 South St. Francis Dr.  
Santa Fe, NM 87505

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 Products	Contact Aaron Dailey
Address 614 Reilly Avenue, Farmington NM 87401	Telephone No. (505)599-2286
Facility Name Lateral K-7 Pipeline	Facility Type Natural Gas Gathering line

Surface Owner BLM	Mineral Owner BLM	API No.
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	27	26N	7W					Rio Arriba County

Latitude N36.4643 Longitude W107.5652 (Decimal Degrees)

**NATURE OF RELEASE**

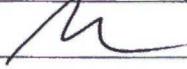
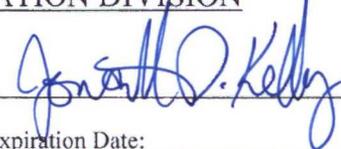
Type of Release Natural gas	Volume of Release Unknown	Volume Recovered TBD
Source of Release 8 inch natural gas gathering line	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 12/3/2012 @ 08:00 hours
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Glenn Von Gonten, Brandon Powell, EMNRD OCD	
By Whom? Aaron Dailey	Date and Hour 12/3/2012 @ 09:35 hours	<b>RCVD DEC 13 '12</b>
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. <b>OIL CONS. DIV. DIST. 3</b>	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*  
During annual non jurisdictional pipeline survey, a field technician found a line leak on the Lateral K-7 pipeline. The line was immediately isolated, blown down, LOTO, and repairs were made on 9/4/2012.

Describe Area Affected and Cleanup Action Taken.\*  
The pipe leak was initially determined to have impacted soil and vegetation in an approximate 75' X 100' area. A third party environmental contractor and Enterprise environmental were present during the pipe repairs and delineation with a back hoe was done at that time. Based on this field delineation, a more precise delineation assessment was conducted with a third party environmental contractor using a Geoprobe in November 2012. Based on analyses conducted from this Geoprobe, it was determined that groundwater has been impacted above standards set forth in NMAC 20.6.2.3103. A formal third party groundwater assessment report and workplan will be submitted to jurisdictional agencies when complete. Supporting documentation regarding this impact is attached.

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Matthew E. Marra	Approved by Environmental Specialist: 	
Title: Sr. Director - Environmental	Approval Date: <u>3/07/2013</u>	Expiration Date:
E-mail Address: memarra@eprod.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12/7/2012 Phone: 713-381-6595		

\* Attach Additional Sheets If Necessary

*NDK 1306651178*

## Dailey, Aaron

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**From:** Dailey, Aaron  
**Sent:** Monday, December 03, 2012 9:38 AM  
**To:** 'Glenn.VonGonten@state.nm.us'; 'brandon.powell@state.nm.us'  
**Cc:** Smith, David; Anderson, Don; 'Tami Ross'  
**Subject:** Enterprise-San Juan-Apparent Groundwater Impact  
**Attachments:** Figure 4 Dissolved Phase Benzene Contours.pdf; Figure 3 Soil Boring Sample Locations and Results, November 2012.pdf; C-141 K-7 initial 9.7.2012.docx

Good morning Glenn and Brandon,

Wanted to let you know that there are apparent groundwater impacts at the Enterprise Lateral K-7 September release location.

A copy of the c-141 "initial report" is attached to give you an idea of the location information.

I will follow up with a c-141 "initial" groundwater impact c-141 to Santa Fe, copying NM OCD Aztec and the BLM Farmington office within 15 days.

Please let me know if you have any questions.

Sincerely,

aaron

---

**From:** Tami Ross [<mailto:tross@animasenvironmental.com>]  
**Sent:** Monday, December 03, 2012 9:10 AM  
**To:** Dailey, Aaron  
**Subject:** K-7 Figures

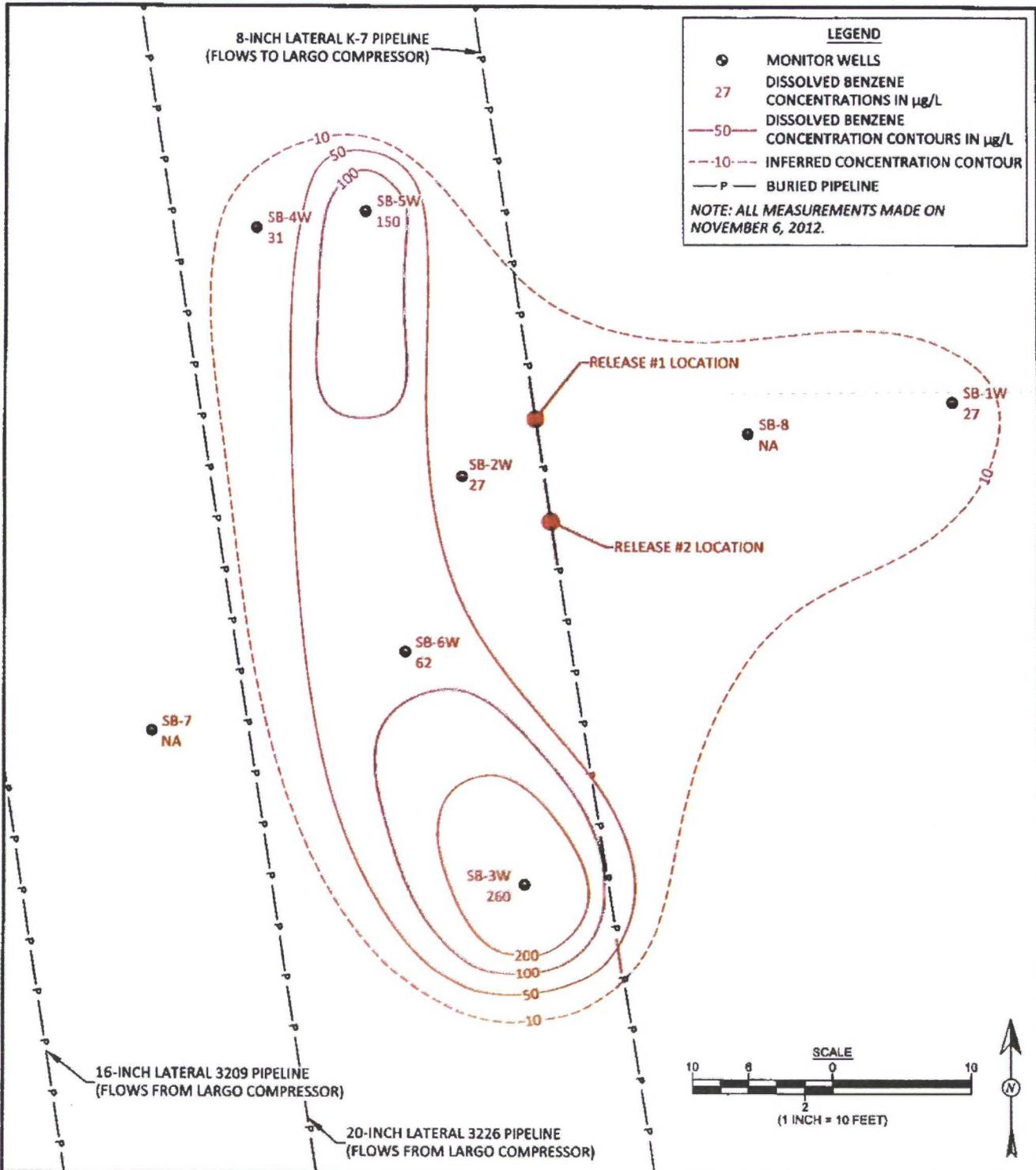
Aaron,

Attached are figures showing sample results and benzene groundwater contour at the K-7 Sept Release. Our recommendations at this time would be permanent groundwater monitoring wells and with potential application of oxidizer. We could do a source removal of soils between 8 and 15 feet bgs if you would consider a dig and haul.

Tami

Tami C. Ross, CHMM  
Project Manager  
Animas Environmental Services  
Phone: 505-564-2281  
Cell: 505-793-2072

WOMAN-OWNED SMALL BUSINESS  
[www.animasenvironmental.com](http://www.animasenvironmental.com)



Animas Environmental Services LLC

<b>DRAWN BY:</b> C. Lameman	<b>DATE DRAWN:</b> December 3, 2012
<b>REVISIONS BY:</b> C. Lameman	<b>DATE REVISED:</b> December 3, 2012
<b>CHECKED BY:</b> T. Ross	<b>DATE CHECKED:</b> December 3, 2012
<b>APPROVED BY:</b> E. McNally	<b>DATE APPROVED:</b> December 3, 2012

**FIGURE 4**

**DISSOLVED PHASE BENZENE CONCENTRATION CONTOURS, NOVEMBER 2012**  
 ENTERPRISE PRODUCTS COMPANY  
 LATERAL K-7 SEPTEMBER 2012  
 CONTINUED RELEASE ASSESSMENT  
 RIO ARriba COUNTY, NEW MEXICO  
 NE¼ NW¼, SECTION 27, T26N, R7W  
 N36.46422, W107.56505

**FIGURE 3**

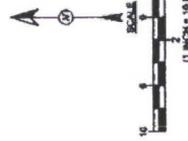
**SOIL BORING SAMPLE LOCATIONS AND RESULTS, NOVEMBER 2012**  
**ENTERPRISE PRODUCTS COMPANY**  
**LATERAL K-7 SEPTEMBER 2012**  
**CONTINUED RELEASE ASSESSMENT**  
 RIO ARriba COUNTY, NEW MEXICO  
 NE1/4, SECTION 27, T8N, R7W  
 N80.46421, W107.56505



**DRAWN BY:** C. Lammiman  
**DATE DRAWN:** November 9, 2012  
**REVISIONS BY:** C. Lammiman  
**DATE REVISED:** November 9, 2012  
**CHECKED BY:** T. Ross  
**DATE CHECKED:** November 9, 2012  
**APPROVED BY:** E. McNulty  
**DATE APPROVED:** November 9, 2012

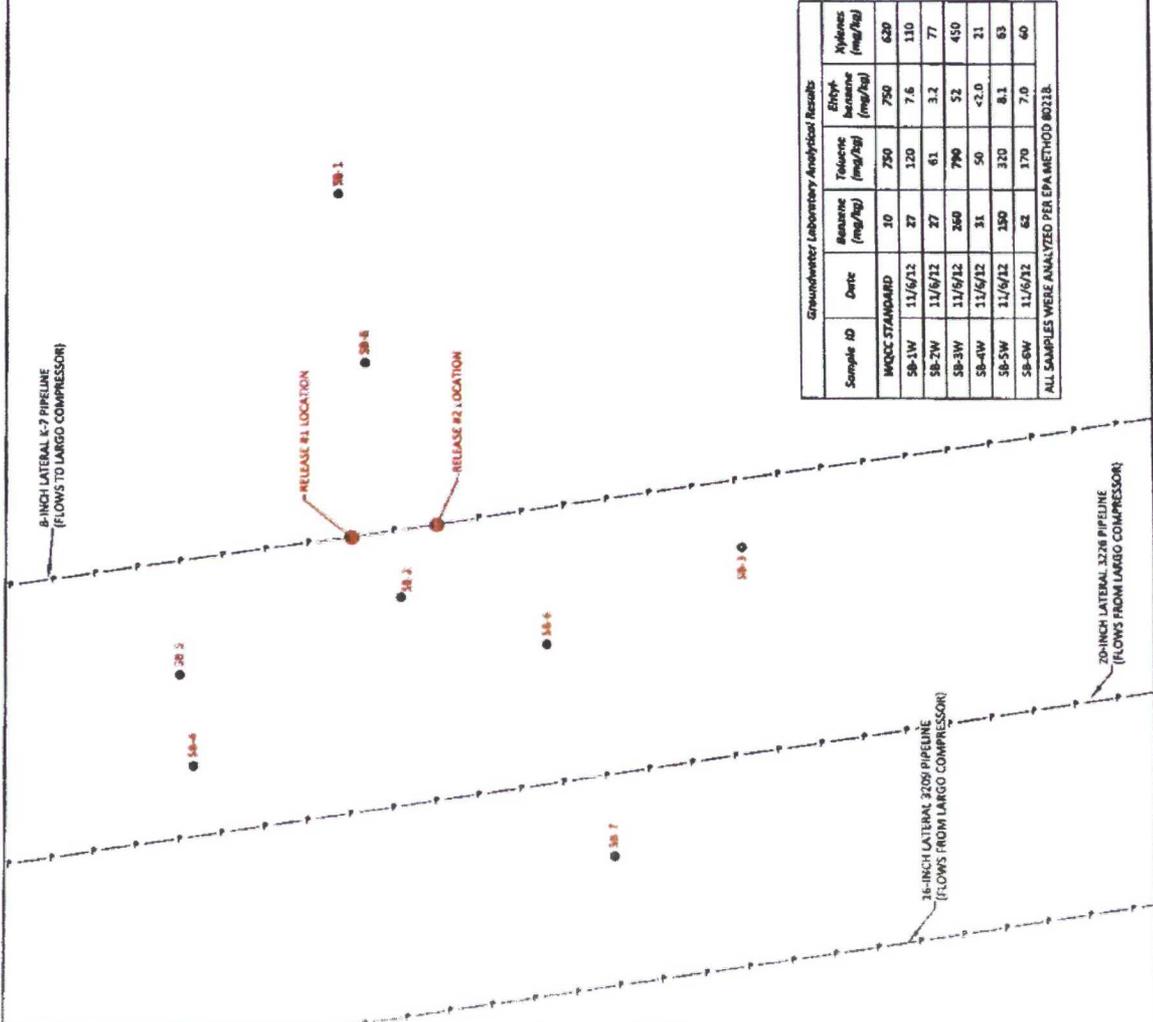
**LEGEND**

- SAMPLE LOCATIONS
- BURIED PIPELINE (APPROXIMATE)



Sample ID	Date	Depth (ft)	Cyanide (ppm)	Reactive (mg/kg)	Total Petroleum Hydrocarbons (mg/kg)		Total Organic Carbon (mg/kg)	
					SP	SD	SP	SD
SB-1	11/6/12	0 to 4	0.5	NA	NA	NA	NA	NA
		4 to 8	74.3	NA	NA	NA	NA	NA
		8 to 12	43.1	NA	NA	NA	NA	NA
		12 to 16	187	NA	NA	NA	NA	NA
		16 to 20	170	NA	NA	NA	NA	NA
		20 to 24	245	NA	NA	NA	NA	NA
SB-2	11/6/12	24 to 28	94	0.13	0.57	<4.8	<9.8	<9.7
		28 to 32	18.3	<0.047	<0.234	<4.7	<9.7	<9.7
		32 to 36	16.8	NA	NA	NA	NA	NA
		0 to 4	4.1	NA	NA	NA	NA	NA
		4 to 8	45.0	NA	NA	NA	NA	NA
		8 to 12	37.5	NA	NA	NA	NA	NA
SB-3	11/6/12	12 to 16	109	<0.047	0.35	<4.7	<10	<10
		16 to 20	14.2	NA	NA	NA	NA	NA
		20 to 24	50.2	NA	NA	NA	NA	NA
		24 to 28	23.1	<0.046	<0.23	<4.6	<10	<10
		28 to 32	39.2	NA	NA	NA	NA	NA
		0 to 4	4.268	NA	NA	NA	NA	NA
SB-4	11/6/12	4 to 8	3,970	NA	NA	NA	NA	NA
		8 to 12	3,696	130	4,699	22,600	1,408	
		12 to 16	3,263	NA	NA	NA	NA	NA
		16 to 20	3,113	NA	NA	NA	NA	NA
		20 to 24	3,983	39	1,124	7,100	508	
		24 to 28	285	0.69	3.1	14	<10	<10
SB-5	11/6/12	28 to 32	94.4	NA	NA	NA	NA	NA
		0 to 4	44.0	NA	NA	NA	NA	NA
		4 to 8	204	NA	NA	NA	NA	NA
		8 to 12	210	NA	NA	NA	NA	NA
		12 to 16	75.4	<0.049	0.18	<4.9	<10	<10
		16 to 20	49.4	<0.049	<0.244	<4.9	<9.7	<9.7
SB-6	11/6/12	20 to 24	155	NA	NA	NA	NA	NA
		24 to 28	66.4	<0.046	0.52	<4.6	<9.9	<9.9
		28 to 32	17.1	NA	NA	NA	NA	NA
		0 to 4	130	NA	NA	NA	NA	NA
		4 to 8	237	NA	NA	NA	NA	NA
		8 to 12	318	<0.046	0.95	<4.8	<10	<10
SB-7	11/6/12	12 to 16	680	NA	NA	NA	NA	NA
		16 to 20	424	NA	NA	NA	NA	NA
		20 to 24	184	NA	NA	NA	NA	NA
		24 to 28	NA	<0.048	0.24	<4.8	<9.7	<9.7
		28 to 32	18.3	NA	NA	NA	NA	NA
		32 to 36	15.4	NA	NA	NA	NA	NA
SB-8	11/6/12	0 to 4	1,077	NA	NA	NA	NA	NA
		4 to 8	337	NA	NA	NA	NA	NA
		8 to 12	212	NA	NA	NA	NA	NA
		12 to 16	212	NA	NA	NA	NA	NA
		16 to 20	285	NA	NA	NA	NA	NA
		20 to 24	330	NA	NA	NA	NA	NA
SB-9	11/6/12	24 to 28	117	0.12	0.45	<4.8	<9.9	<9.9
		28 to 32	86.2	NA	NA	NA	NA	NA
		0 to 4	25.5	NA	NA	NA	NA	NA
		4 to 8	67.2	NA	NA	NA	NA	NA
		8 to 12	99.2	NA	NA	NA	NA	NA
		12 to 16	59.7	NA	NA	NA	NA	NA
SB-10	11/6/12	16 to 20	85.7	<0.045	0.10	<4.6	<9.7	<9.7
		0 to 4	50.7	NA	NA	NA	NA	NA
		4 to 8	4,509	NA	NA	NA	NA	NA
		8 to 12	4,296	29	2,540	15,000	1,500	
		12 to 16	3,252	NA	NA	NA	NA	NA
		16 to 20	4,764	NA	NA	NA	NA	NA
SB-11	11/6/12	20 to 24	1,354	NA	NA	NA	NA	NA
		24 to 28	568	0.14	1.05	<4.8	<9.8	<9.8

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



Sample ID	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)
GROUND STANDARD		10	750	750	620
SB-1W	11/6/12	27	120	7.6	110
SB-2W	11/6/12	27	61	3.2	77
SB-3W	11/6/12	260	790	52	450
SB-4W	11/6/12	31	50	<2.0	21
SB-5W	11/6/12	150	320	8.1	63
SB-6W	11/6/12	62	170	7.0	40

ALL SAMPLES WERE ANALYZED PER EPA METHOD 8021B.

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

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

Form C-141  
Revised October 10, 2003

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

**Release Notification and Corrective Action**

**OPERATOR**  Initial Report  Final Report

Name of Company Enterprise Products	Contact Aaron Dailey
Address 614 Reilly Avenue, Farmington 87401	Telephone No. (505) 599-2286
Facility Name State Com D#5	Facility Type Well tie pipeline

Surface Owner State of NM	Mineral Owner State of NM	Lease No. N/A
---------------------------	---------------------------	---------------

**LOCATION OF RELEASE**

RCVD JAN 12 '12

Unit Letter	Section 32	Township 27N	Range 8W	Feet from the	North/South Line	Feet from the	East/West Line	County Rio Arriba
-------------	------------	--------------	----------	---------------	------------------	---------------	----------------	-------------------

Latitude 36.53862deg Longitude 107.71577 (decimal degrees)

OIL CONS. DIV.

**NATURE OF RELEASE**

DIST. 3

Type of Release: Natural Gas	Volume of Release: 101 MCF, 1 barrel water and condensate mix	Volume Recovered: None—remediation scheduled on 8.22.11
Source of Release 4" well tie line	Date and Hour of Occurrence 8.5.2011 @ 15:09 hours	Date and Hour of Discovery 8.5.2011 @ 15:09 hours
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\* Contract Blade operator, while blading roads, struck the well tie line to the State Com D #5. Signage was on each side of the road, along with current pin flags. Over the years of flat blading, cover has been removed and pipeline was shallow.

Describe Area Affected and Cleanup Action Taken.\*

Technicians responded to the line strike site, isolated and blew well tie line down to atmospheric pressure. The very light oil along with the water that released from the pipe was contained with shovel work and this wet soil was placed at the line strike location. Affected soils were removed and taken to an OCD approved landfarm facility. An environmental corrective action report has been completed and submitted to the local Aztec office.

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

**OIL CONSERVATION DIVISION**

Signature:	Approved by District Supervisor:	
Printed Name: Aaron Dailey	Approval Date: 1/12/2012	Expiration Date:
Title: Field Environmental Scientist	Conditions of Approval:	
E-mail Address: amdailey@eprod.com	Attached <input type="checkbox"/>	
Date: 1.12.2012	Phone: (505) 599-2286	

\* Attach Additional Sheets If Necessary

NJK 12 01248544



Animas Environmental Services, LLC

[www.animasenvironmental.com](http://www.animasenvironmental.com)

624 E. Comanche  
Farmington, NM 87401  
505-564-2281

Durango, Colorado  
970-403-3274

September 1, 2011

Aaron Dailey  
Enterprise Products Company  
614 Reilly Avenue  
Farmington, New Mexico 87401

**RE: Soil Sampling Results for the State Com D#5 Gathering  
Line Release, San Juan County, New Mexico**

Dear Mr. Dailey:

Animas Environmental Services, LLC (AES) is pleased to provide the soil sampling results associated with a release which occurred along the Enterprise Products Company (Enterprise) 4-inch diameter gathering line associated with the XTO Energy State Com D #5 Well, located near Blanco Canyon, San Juan County, New Mexico. A release was reported at the location on August 5, 2011, by a contract blade operator from Rosenbaum Construction who struck the line during road maintenance activities along a service road.

---

## 1.0 Release Information

### 1.1 Release Location

The release is located along the gathering line associated with the XTO Energy State Com D #5 Well within the NW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 32, T27N, R8W, San Juan County, New Mexico. Latitude and longitude of the release were recorded as N36° 32.081' by W107° 42.663'. A topographic site location map is included as Figure 1, and an aerial map with the release location is included as Figure 2.

The location of the release is on a high terrace with sage brush and pinyon/juniper overstory on the east side of Blanco Wash. Surface runoff drains south to an unnamed arroyo then west into Blanco Canyon, and depth of groundwater is estimated to be greater than 100 feet below ground surface (bgs) based on site topography.

### 1.2 Site Activities

AES was initially contacted by Aaron Dailey of Enterprise on August 8, 2011, and on August 18, 2011, Ross Kennemer of AES met with Enterprise representatives at the release location. The cause of the release was attributed to a line strike during maintenance road activities by Rosenbaum Construction on August 5, 2011. Immediately following the line strike and subsequent isolation of the 4-inch pipeline,

work crews hand excavated approximately two cubic yards of soil impacted with oily water. Representatives from Enterprise and Industrial Mechanical, Inc. (IMI) were present on-site during site activities.

Prior to line repair activities, Ross Kennemer of AES collected soil samples from three locations: 1) near the release location, 2) along the mid-point of the excavation, and 3) within the arroyo located approximately 90 feet south of the line strike. The excavation measured approximately 90 ft long by 1 ft wide by 1ft deep. All excavated soil was used as backfill following the line repair on August 18, 2011, and no off-site soil disposal took place. A photograph log is attached.

---

## 2.0 Soil Sampling

On August 18, 2011, AES personnel conducted field screening and collected a total of three grab samples from locations associated with XTO Energy D #5 gathering line release excavation. One sample (S-1) was collected near the release location, one sample (S-2) was collected along the mid-point of the excavation, and the third sample (S-3) was collected from center of the arroyo located approximately 90 feet south of the release location. Soil sample locations are included on Figure 3.

### 2.1 Soil Field Screening

Soil samples were field screened for volatile organic compound (VOC) vapors with a photo-ionization detector (PID) organic vapor meter (OVM). Before beginning field screening, the PID-OVM was first calibrated with isobutylene gas. OVM measurement locations and results are presented in Table 1 and in Figure 3.

### 2.2 Soil Laboratory Analyses

Confirmation soil samples were collected from three locations associated with XTO Energy D #5 gathering line release excavation. Samples for laboratory analysis 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. The 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) per USEPA Method 418.1.

### 2.3 Soil Laboratory Analytical Results

Analytical laboratory results are summarized in the table below.

Table 1. Soil OVM and Analytical Results, XTO Energy State Com D #5 Release

Sample ID	Date Sampled	Depth (ft)	OVM	Ethyl-					TPH (mg/kg)
			Result (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	benzene (mg/kg)	Xylene (mg/kg)	BTEX (mg/kg)	
NMOCD Action Level									
			100	10	NE	NE	NE	50	1,000
S-1	18-Aug-11	1	0.3	<0.048	<0.048	<0.048	<0.095	<0.239	44
S-2	18-Aug-11	1	0.0	<0.048	<0.048	<0.048	<0.097	<0.241	<20
S-2	18-Aug-11	1	0.0	<0.049	<0.049	<0.049	<0.097	<0.244	<20
Stockpiled Soil	18-Aug-11	NA	140	NS	NS	NS	NS	NS	NS

\*Note – NE is not established; NS is not sampled; and NA is not applicable

BTEX and TPH concentrations for all three soil samples collected were either below laboratory detection limits or below applicable New Mexico Oil Conservation Division (NMOCD) action levels. Laboratory analytical results for BTEX and TPH are included in Figure 3, and laboratory analytical reports are attached.

### 3.0 Conclusions and Recommendations

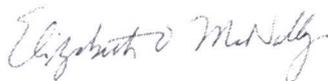
Based on field observations, laboratory analytical results of the soil samples, and removal of contaminated soil at the site prior to backfilling, AES concludes that it is unlikely that any residual contamination would have the potential to impact groundwater, which is estimated to be greater than 100 feet bgs at this location. No further work is recommended.

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,



Deborah Watson  
 Project Manager



Elizabeth McNally, P.E.  
 Attachments:

Figure 1. Topographic Site Location Map  
Figure 2. Aerial Site Map, February 2009  
Figure 3. Site Map, August 2011  
Site Photograph Log  
Laboratory Analytical Reports

FRESNO QUADRANGLE  
 NEW MEXICO - SAN JUAN COUNTY  
 1985



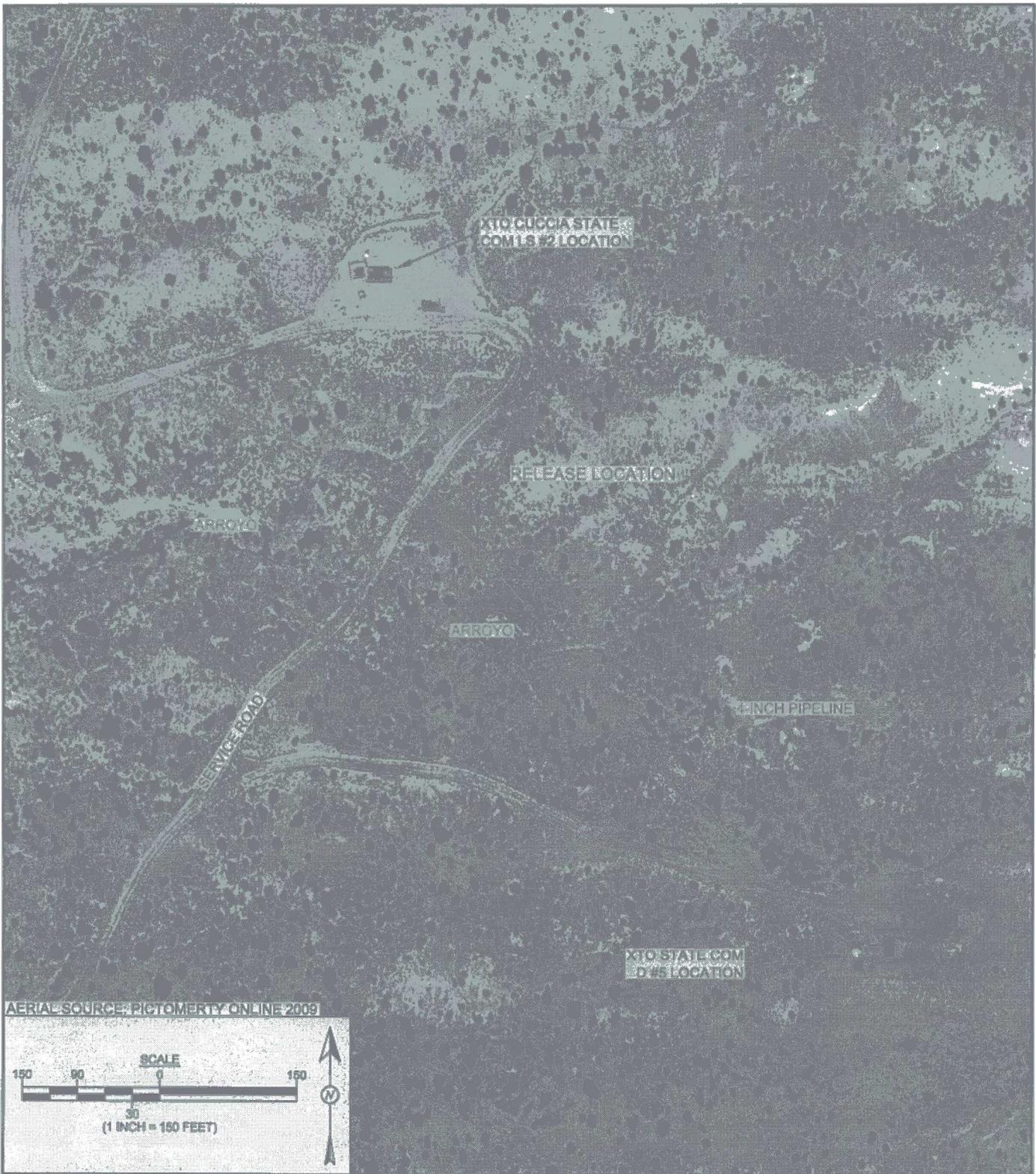
**FIGURE 1**

**TOPOGRAPHIC SITE LOCATION MAP**

ENTERPRISE PRODUCTS COMPANY  
 STATE COM D#5 RELEASE LOCATION  
 SAN JUAN COUNTY, NEW MEXICO  
 NW ¼, NW ¼, SEC. 32, T27N, R8W  
 N 36°32.081', W 107°42.663'

<b>DRAWN BY:</b> C. Lameman	<b>DATE DRAWN:</b> August 25, 2011
<b>REVISIONS BY:</b> C. Lameman	<b>DATE REVISED:</b> August 25, 2011
<b>CHECKED BY:</b> E. McNally	<b>DATE CHECKED:</b> September 1, 2011
<b>APPROVED BY:</b> E. McNally	<b>DATE APPROVED:</b> September 1, 2011

**AES**  
 Animas Environmental Services, LLC



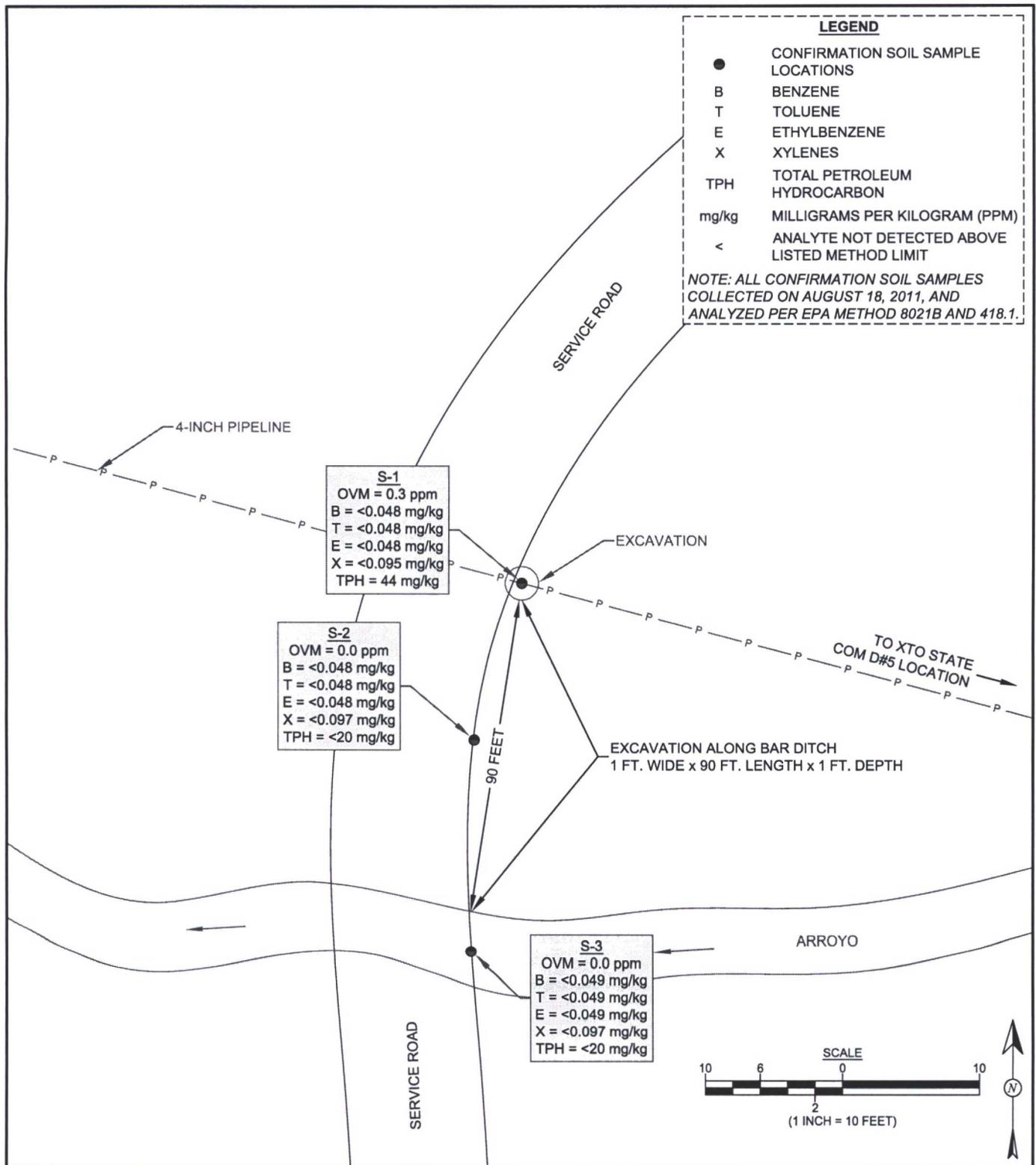
AERIAL SOURCE: PICTOMETRY ONLINE 2009



<b>DRAWN BY:</b> C. Lameman	<b>DATE DRAWN:</b> August 26, 2011
<b>REVISIONS BY:</b> C. Lameman	<b>DATE REVISED:</b> August 26, 2011
<b>CHECKED BY:</b> E. McNally	<b>DATE CHECKED:</b> September, 2011
<b>APPROVED BY:</b> E. McNally	<b>DATE APPROVED:</b> September, 2011

## FIGURE 2

**GENERAL SITE LOCATION MAP**  
 ENTERPRISE PRODUCTS COMPANY  
 STATE COM D#5 RELEASE LOCATION  
 SAN JUAN COUNTY, NEW MEXICO  
 NW ¼, NW ¼, SEC. 32, T27N, R8W  
 36°32.081'N, 107°42.663'W



<b>DRAWN BY:</b> C. Lameman	<b>DATE DRAWN:</b> August 25, 2011
<b>REVISIONS BY:</b> C. Lameman	<b>DATE REVISED:</b> August 25, 2011
<b>CHECKED BY:</b> E. McNally	<b>DATE CHECKED:</b> September 1, 2011
<b>APPROVED BY:</b> E. McNally	<b>DATE APPROVED:</b> September 1, 2011

**FIGURE 3**

**SITE LOCATION MAP**

ENTERPRISE PRODUCTS COMPANY  
 STATE COM D#5 RELEASE LOCATION  
 SAN JUAN COUNTY, NEW MEXICO  
 NW ¼, NW ¼, SEC. 32, T27N, R8W  
 N 36°32.081', W 107°42.663'

Photo #1	
Client: Enterprise Products Company	
Project: State Com D #5 Release	
Taken by: Ross Kennemer	
August 18, 2011	
AES Project No: 110806	Description: Well location associated with gathering line.

Photo #2	
Client: Enterprise Products Company	
Project: State Com D #5 Release	
Taken by: Ross Kennemer	
August 18, 2011	
AES Project No: 110806	Description: Release (line strike) within bar ditch; N36° 32.081; W107° 42.663.

Photo #3	
Client: Enterprise Products Company	
Project: State Com D #5 Release	
Taken by: Ross Kennemer	
August 18, 2011	
AES Project No: 110806	Description: Damaged 4-inch pipeline.

Photo #4	
Client: Enterprise Products Company	
Project: State Com D #5 Release	
Taken by: Ross Kennemer	
August 18, 2011	
AES Project No: 110806	Description: Temporary clamp prior to replacing damaged section of pipe.



COVER LETTER

Friday, August 26, 2011

Ross Kennemer  
Animas Environmental Services  
624 East Comanche  
Farmington, NM 87401

TEL: (505) 564-2281

FAX (505) 324-2022

RE: Enterprise Products XTO State Gas com D 5

Order No.: 1108829

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 8/19/2011 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to [www.hallenvironmental.com](http://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.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901

AZ license # AZ0682

**Hall Environmental Analysis Laboratory, Inc.**

Date: 26-Aug-11  
Analytical Report

CLIENT: Animas Environmental Services Client Sample ID: S-1  
 Lab Order: 1108829 Collection Date: 8/18/2011 9:18:00 AM  
 Project: Enterprise Products XTO State Gas com D 5 Date Received: 8/19/2011  
 Lab ID: 1108829-01 Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	ND	0.048		mg/Kg	1	8/24/2011 7:39:45 PM
Toluene	ND	0.048		mg/Kg	1	8/24/2011 7:39:45 PM
Ethylbenzene	ND	0.048		mg/Kg	1	8/24/2011 7:39:45 PM
Xylenes, Total	ND	0.095		mg/Kg	1	8/24/2011 7:39:45 PM
Surr: 4-Bromofluorobenzene	98.7	80-120		%REC	1	8/24/2011 7:39:45 PM
<b>EPA METHOD 418.1: TPH</b>						Analyst: JB
Petroleum Hydrocarbons, TR	44	19		mg/Kg	1	8/24/2011

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

# Hall Environmental Analysis Laboratory, Inc.

Date: 26-Aug-11  
Analytical Report

CLIENT: Animas Environmental Services      Client Sample ID: S-2  
 Lab Order: 1108829      Collection Date: 8/18/2011 9:23:00 AM  
 Project: Enterprise Products XTO State Gas com D 5      Date Received: 8/19/2011  
 Lab ID: 1108829-02      Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	ND	0.048		mg/Kg	1	8/23/2011 3:15:46 AM
Toluene	ND	0.048		mg/Kg	1	8/23/2011 3:15:46 AM
Ethylbenzene	ND	0.048		mg/Kg	1	8/23/2011 3:15:46 AM
Xylenes, Total	ND	0.097		mg/Kg	1	8/23/2011 3:15:46 AM
Surr: 4-Bromofluorobenzene	94.2	90.3-115		%REC	1	8/23/2011 3:15:46 AM
<b>EPA METHOD 418.1: TPH</b>						Analyst: JB
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	8/24/2011

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

# Hall Environmental Analysis Laboratory, Inc.

Date: 26-Aug-11  
Analytical Report

CLIENT: Animas Environmental Services      Client Sample ID: S-3  
 Lab Order: 1108829      Collection Date: 8/18/2011 9:25:00 AM  
 Project: Enterprise Products XTO State Gas com D 5      Date Received: 8/19/2011  
 Lab ID: 1108829-03      Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	ND	0.049		mg/Kg	1	8/23/2011 3:44:40 AM
Toluene	ND	0.049		mg/Kg	1	8/23/2011 3:44:40 AM
Ethylbenzene	ND	0.049		mg/Kg	1	8/23/2011 3:44:40 AM
Xylenes, Total	ND	0.097		mg/Kg	1	8/23/2011 3:44:40 AM
Surr: 4-Bromofluorobenzene	93.2	90.3-115		%REC	1	8/23/2011 3:44:40 AM
<b>EPA METHOD 418.1: TPH</b>						Analyst: JB
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	8/24/2011

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

## QA/QC SUMMARY REPORT

Client: Animas Environmental Services  
 Project: Enterprise Products XTO State Gas com D 5

Work Order: 1108829

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 418.1: TPH											
Sample ID: MB-28160		MBLK									
Petroleum Hydrocarbons, TR	ND	mg/Kg	20								
Batch ID: 28160											Analysis Date: 8/24/2011
Sample ID: LCS-28160		LCS									
Petroleum Hydrocarbons, TR	100.6	mg/Kg	20	100	0	101	87.8	115			
Batch ID: 28160											Analysis Date: 8/24/2011
Sample ID: LCSD-28160		LCSD									
Petroleum Hydrocarbons, TR	101.8	mg/Kg	20	100	0	102	87.8	115	1.26	8.04	
Method: EPA Method 8021B: Volatiles											
Sample ID: MB-28120		MBLK									
Benzene	ND	mg/Kg	0.050								
Toluene	ND	mg/Kg	0.050								
Ethylbenzene	ND	mg/Kg	0.050								
Xylenes, Total	ND	mg/Kg	0.10								
Batch ID: 28120											Analysis Date: 8/22/2011 12:06:48 PM
Sample ID: LCS-28120		LCS									
Benzene	0.9498	mg/Kg	0.050	1	0	95.0	83.3	107			
Toluene	0.9948	mg/Kg	0.050	1	0	99.5	74.3	115			
Ethylbenzene	0.9945	mg/Kg	0.050	1	0	99.4	80.9	122			
Xylenes, Total	3.101	mg/Kg	0.10	3	0	103	85.2	123			

## Qualifiers:

E Estimated value  
 J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit  
 H Holding times for preparation or analysis exceeded  
 NC Non-Chlorinated  
 R RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name ANIMAS ENVIRONMENTAL

Date Received:

8/19/2011

Work Order Number 1108829

Received by: AT

Checklist completed by:

*[Signature]*  
Signature

8/19/11  
Date

Sample ID labels checked by:

*[Signature]*  
Initials

Matrix:

Carrier name Greyhound

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present  Not Shipped
- Custody seals intact on sample bottles? Yes  No  N/A
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Water - VOA vials have zero headspace? Yes  No VOA vials submitted  Yes  No
- Water - Preservation labels on bottle and cap match? Yes  No  N/A
- Water - pH acceptable upon receipt? Yes  No  N/A
- Container/Temp Blank temperature? **2.1°** <6° C Acceptable  
If given sufficient time to cool.

Number of preserved bottles checked for pH:

<2 >12 unless noted below.

COMMENTS:

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding \_\_\_\_\_

Comments: \_\_\_\_\_

Corrective Action \_\_\_\_\_

# 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 Products Company  
XTO State Gas Com D#5  
Line Strike

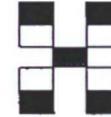
Project #:

Project Manager:  
Ross Kennemer (AES)  
Aaron Dailey (EPCO)

Sampler: Ross Kennemer

On Ice:  Yes  No

Sample Temperature: 2



## 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.	BTEX <del>(MTBE)</del>	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
8-18-11	0918	Soil	S-1	4oz glass / 1	4°C	1108829-1	X			X								
	0923		S-2			2	X			X								
	0925		S-3			3	X			X								

Date: 8-18-11 Time: 1110 Relinquished by: Ross Kennemer

Received by: Carla Date: 8-18-11 Time: 1110

Remarks: Bill to Enterprise Products Company

Date: 8-18-11 Time: 1130 Relinquished by: Carla

Received by: Michelle Garcia Date: 8/19/11 Time: 9:30

PH

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

Form C-141  
Revised August 8, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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 Avenue, Farmington, NM 87401	Telephone No. (505) 599-2286
Facility Name Lateral MA-13 dogleg	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
C	17	30N	6W					

Latitude N 36.8187 Longitude W 107.4886

**NATURE OF RELEASE**

Type of Release Natural Gas	Volume of Release 800 MCF (estimated)	Volume Recovered None
Source of Release 6 inch dogleg	Date and Hour of Occurrence 8/6/2012 @ 18:40 hours	Date and Hour of Discovery 8/6/2012 @ 18:40 hours
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell	<b>RCVD AUG 15 '12 OIL CONS. DIV. DIST. 3</b>
By Whom? Aaron Dailey	Date and Hour 8/7/2012 @ 08:33 hours	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*  
A third party contractor for a natural gas company not affiliated with Enterprise drove his vehicle into the MA-13 guard rail and dogleg. There were no fires or injuries associated with this damage to the Enterprise dogleg and contractor vehicle. Enterprise technicians and supervision were called out to LOTO and depressurize the dogleg which was done as quickly and as safely as possible. Additionally, New Mexico State Police were notified for this vehicle incident.

Describe Area Affected and Cleanup Action Taken.\*  
Approximately 800 MCF of natural gas was released to the atmosphere when the collision caused a 2 inch plug valve to break free from the dogleg. Some liquid, approximately 10 gallons, was released to the ground around the guard rail and some liquid misted out approximately 20 yards into the pipeline right of way. Preliminary OVMs show that soils that were impacted with this liquid very little and the liquid could have been mostly produced water, as this is a coal seam pipeline and associated system. A third party contractor is working on the cleanup and environmental corrective action report at this time, which will be submitted with a "final" c-141 report.

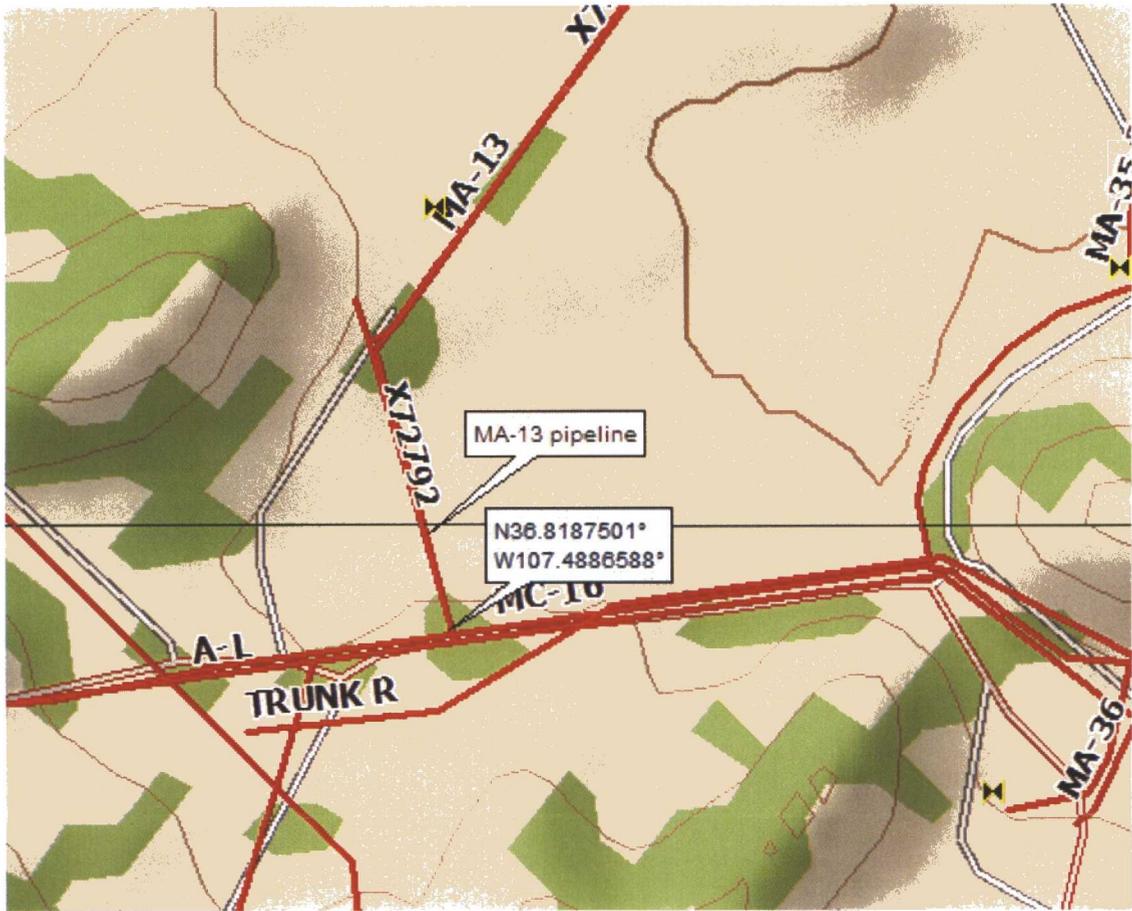
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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.

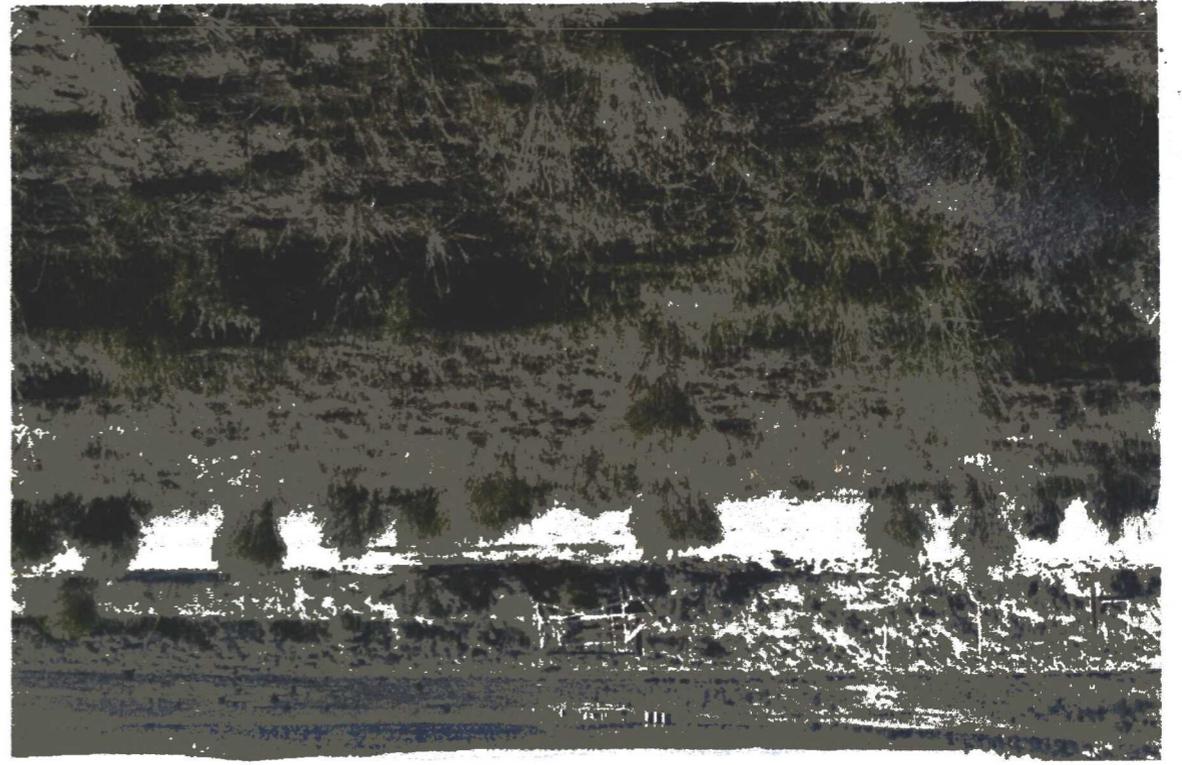
Signature:	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Aaron Dailey	Approved by Environmental Specialist:	
Title: Environmentalist	Approval Date: <u>9/20/2012</u>	Expiration Date:
E-mail Address: amdailey@eprod.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 8/13/12	Phone: (505)599-2286	

\* Attach Additional Sheets If Necessary

*njr 12264 32666*

*4*





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

Form C-141  
Revised August 8, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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Facility Name Lateral MA-13 dogleg	Facility Type Natural Gas Pipeline

Surface Owner BLM	Mineral Owner BLM	API No.
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	17	30N	6W					Rio Arriba

Latitude N 36.8187 Longitude W 107.4886

RCVD SEP 28 '12

OIL CONS. DIV.  
DIST. 3

**NATURE OF RELEASE**

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By Whom? Aaron Dailey	Date and Hour 8/7/2012 @ 08:33 hours	
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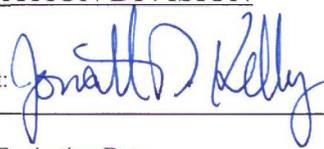
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Signature: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Aaron Dailey	Approved by Environmental Specialist: 	
Title: Environmentalist	Approval Date: 10/23/2012	Expiration Date:
E-mail Address: amdailey@eprod.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 9/26/12	Phone: (505)599-2286	

\* Attach Additional Sheets If Necessary

nJK 1229732933