3R – 438

RELEASE ASSESSMENT REPORT

10/28/2011

Animas Environmental Services, LLC
www.animasenvironmental.com
624 E. Comanche
Farmington, NM 87401
505-564-2281
Durango, Colorado
970-403-3274

October 28, 2011

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

RE: Soil and Groundwater Sampling Results for Lateral 6C Release, San Juan County, New Mexico

Dear Mr. Dailey:

Animas Environmental Services, LLC (AES) is pleased to provide the soil and groundwater sampling results associated with a release which occurred along the Enterprise Products Company (Enterprise) 4-inch diameter Lateral 6C pipeline, located approximately 5 miles south of Bloomfield, San Juan County, New Mexico. A release was reported at the location on September 21, 2011, by Enterprise Bisti Gathering Area staff. On the same date, Aaron Lucero and Billy Snell of Enterprise were dispatched to locate and isolate the leak.

1.0 Release Information

1.1 Release Location

The release along the Enterprise Lateral 6C gathering line is located on Bureau of Land Management leased land within the NW¼, unit letter K, Section 26, T28N, R11W, San Juan County, New Mexico. Latitude and longitude of the release were recorded as N36° 37.921' and W107° 58.440'. The approximate site elevation is approximately 5,580 feet above mean sea level. A topographic site location map is included as Figure 1, and an aerial map showing the release location is included as Figure 2.

The location of the release is in an area characterized as mixed piñon-juniper woodland and sagebrush grasslands situated along a large intermittent surface water channel. Surface runoff drains east to Kutz Wash, which then flows north and ultimately discharges into the San Juan River. Based on the surrounding topography and landforms observed at the release location, AES has estimated the depth of groundwater to be less than 50 feet

below ground surface (bgs). The release is not located within a wellhead protection area, but it is located about 750 feet from a surface water body.

1.2 Site Activities

AES was initially contacted by Aaron Dailey of Enterprise on September 21, 2011, and on September 22, 2011, Ross Kennemer and Tami Ross of AES met with Enterprise representatives at the release location. Representatives from Enterprise, AES, and Southwest Field Services were present on-site during the initial site activities. Release excavation and line repair activities were initiated on September 22, 2011, but due to the apparent size of the release, AES suggested that Enterprise conduct the line repair and then contact AES when excavation would continue. The cause of the release was identified as a line leak from a small (1/4-inch) corrosion hole on the underside of the line.

Following repair of the line leak, on September 23, 2011, Ross Kennemer of AES collected one soil sample from the base of the pipeline excavation and conducted field screening of the soil. Based on the field screening results, AES and Enterprise decided that a limited investigation of the release extent would be conducted at a later date by conducting soil test pits in the area surrounding the release location.

On October 11, 2011, Ross Kennemer of AES met Dave Harrison (Enterprise) and an excavation crew from Southwest Field Services at the release site to conduct the test pit excavations. Four soil test pits (TP-1 through TP-4) were installed in locations around the original release location at distances of up to 100 feet from the release point. During excavation of the test pits, AES recorded the encountered soil materials and collected field screening samples. A general lithologic sequence for the site is presented below:

0-2 feet bgs:	tan, silty/sandy clay
2-4 feet bgs:	stiff, brown clay
4-7 feet bgs:	fine, tan sand
7-12 feet bgs:	tan, fine-to-medium sand
12-16 feet bgs:	dark, clayey sand, strong odor, water at about 16 feet

AES also collected a minimum of one soil sample for laboratory analysis from each test pit. Groundwater was encountered in two of the test pits (TP-2 and TP-4), so groundwater samples were collected from the test pits. In TP-2, free product was observed floating on the groundwater that entered the test pit. Groundwater was encountered in both TP-2 and TP-4 at approximately 16 feet bgs. In total, six test pit soil samples and two test pit groundwater samples were collected on October 11, 2011.

During the initial release excavation and line repair, approximately 52 cubic yards were transported for disposal at the Envirotech Landfarm, near Bloomfield, New Mexico. Approximately 40 cubic yards of clean backfill material were obtained from Envirotech and

delivered to the site as part of the soil disposal process. Copies of waste manifests for the contaminated soil are attached. A photograph log is also attached.

2.0 Soil Sampling

On October 11, 2011, AES personnel conducted field screening and collected soil samples from the Lateral 6C soil test pits (TP-1 through TP-4). Six grab samples were collected at the following depths: TP-1 at 10 feet bgs, TP-2 at 12 feet and 15 feet bgs, TP-3 at 10 feet bgs, and TP-4 at 12 feet and 15 feet bgs. Soil sample locations are included on Figure 3.

2.1 Soil Field Screening

Samples from the test pit excavations were field screened for volatile organic compound 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

One soil sample for laboratory analysis was collected from each field screening location in the test pit excavations. 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) for gasoline range organics (GRO) and diesel range organics (DRO) per USEPA Method 8015B.

2.3 Soil Laboratory Analytical Results

Analytical laboratory results are summarized in the table below.

Table 1. Soil OVM and Analytical Results, Lateral 6C Release

Sample ID	*Date Sampled*	*Depth (ft)*	*OVM Result (ppm)*	*Benzene (mg/kg)*	*Toluene (mg/kg)*	*Ethyl-benzene (mg/kg)*	*Xylene (mg/kg)*	*BTEX (mg/kg)*	*TPH-GRO (mg/kg)*	*TPH-DRO (mg/kg)*
						NMOCD Action Level				
			100	*10*	*NE*	*NE*	*NE*	*50*	*100*	*100*
TP-1 @ 10'	10/11/11	10	**2,009**	6.2	84	7.8	71	**169**	**1,400**	29
TP-2 @ 12'	10/11/11	12	**438**	<0.047	<0.047	<0.047	<0.094	<0.235	<4.7	<9.8
TP-2 @ 15'	10/11/11	15	**1,907**	**45**	200	8.3	260	**513**	**5,000**	**170**
TP-3 @ 10'	10/11/11	10	**239**	<0.048	<0.048	<0.048	<0.095	<0.239	<4.8	<10
TP-4 @ 12'	10/11/11	12	9.4	<0.050	<0.050	<0.050	<0.10	<0.25	<5.0	<10
TP-4 @ 15'	10/11/11	15	**1,875**	<0.048	<0.048	0.12	0.50	0.60	20	39

*Note – NE is not established

Total BTEX and TPH-GRO concentrations in sample TP-1 @ 10' exceeded the applicable New Mexico Oil Conservation Division (NMOCD) action levels. Benzene, total BTEX, TPH-GRO, and TPH-DRO concentrations in sample TP-2 @ 15' also exceeded the applicable NMOCD action levels. Although some elevated OVM field screening values were recorded, BTEX and TPH concentrations in the remaining soil samples were either below laboratory detection limits or below applicable NMOCD action levels. Laboratory analytical results for BTEX and TPH are included in Figure 3, and laboratory analytical reports are attached.

3.0 Groundwater Sampling

On October 11, 2011, two groundwater samples were collected from test pits TP-2 and TP-4. Each sample was collected at the first depth at which groundwater entered the excavation (approximately 16 feet bgs).

3.1 Groundwater Laboratory Analyses

The groundwater samples were placed into new, clean, laboratory-supplied vials preserved with hydrochloric acid, which were then labeled, placed on ice, and logged onto a sample chain of custody record. The sample containers were maintained on ice until delivery to the analytical laboratory, Hall, in Albuquerque, New Mexico. The collected samples were laboratory analyzed for:

- BTEX per USEPA Method 8021B; and
- TPH-GRO and TPH-DRO per USEPA Method 8015B.

3.2 Groundwater Laboratory Analytical Results

The groundwater sample results are presented below in Table 2.

Table 2. Groundwater Analytical Results, Lateral 6C Release

Sample ID	*Date Sampled*	*Depth (ft)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethyl-benzene (µg/L)*	*Xylene (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
			WQCC Action Level					
			10	*750*	*750*	*620*	*NE*	*NE*
TP-2 Groundwater	10/11/11	16	**9,800**	**15,000**	540	**6,700**	77	4.4
TP-4 Groundwater	10/11/11	16	<50	100	580	**3,700**	22	180

Dissolved phase benzene, toluene, and xylene concentrations were reported above the New Mexico Water Quality Control Commission (WQCC) standard for groundwater sample TP-2. Dissolved phase xylene concentrations were reported above the WQCC standard for groundwater sample TP-4. In groundwater sample TP-4, benzene was reported with a detection limit that exceeds the WQCC standard. All other compounds were reported below the laboratory detection limit or below the applicable WQCC standards. Laboratory analytical results for BTEX and TPH in groundwater are included in Figure 3, and the laboratory analytical report is attached.

4.0 Conclusions and Recommendations

Based on field observations and laboratory analytical results for the confirmation soil and groundwater samples, AES recommends that Enterprise conduct further delineation of the soil and groundwater contamination in order to determine the most effective remedial method for the release. AES proposes to utilize a tracked GeoProbe® tracked direct-push unit to conduct the investigation. The GeoProbe will be used to collect continuous soil samples above the water table. When groundwater is encountered (anticipated at approximately 16 feet bgs), AES will use a peristaltic pump to collect a groundwater sample directly from the soil boring. No monitor wells will be installed as a part of this investigation. AES believes an initial series of seven soil/groundwater investigation locations will be required to evaluate the lateral extent of contamination beyond the original source area and the previously completed soil test pits. A proposed layout for additional soil and groundwater sampling locations is included in Figure 4.

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

Sincerely,

Blaine Watson

Blaine Watson, P.G.
Sr. Project Manager

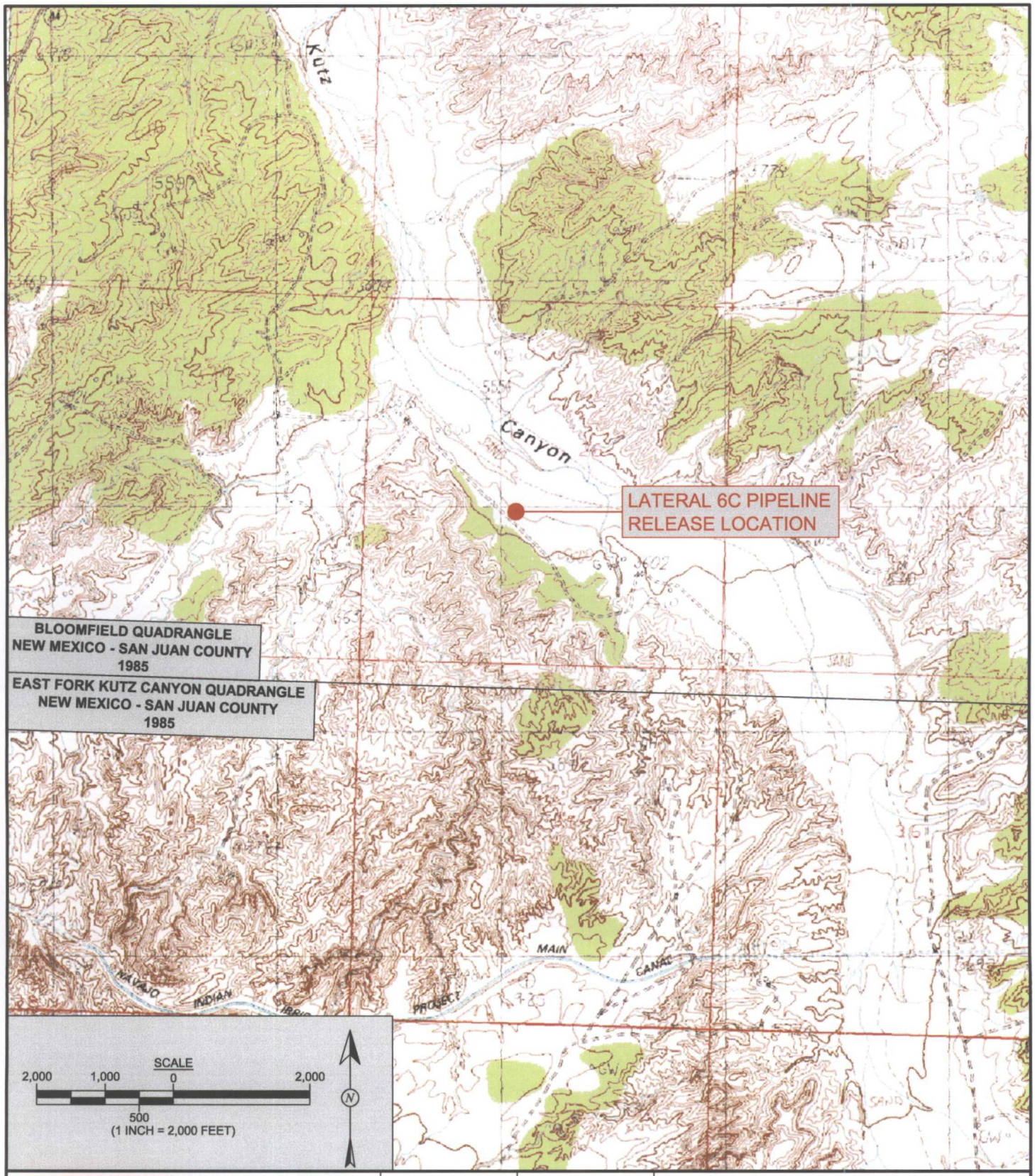
Elizabeth D McNally

Elizabeth McNally, P.E.

Attachments:

Figure 1. Topographic Site Location Map
Figure 2. Aerial Site Map
Figure 3. Soil and Groundwater Sample Results, October 2011
Figure 4. Proposed Investigation Layout
Site Photograph Log
Waste Manifests
Laboratory Analytical Reports

S:\Animas 2000\2011 Projects\Enterprise Products\Lateral 6C\Enterprise Lateral 6C letter report 102811.docx



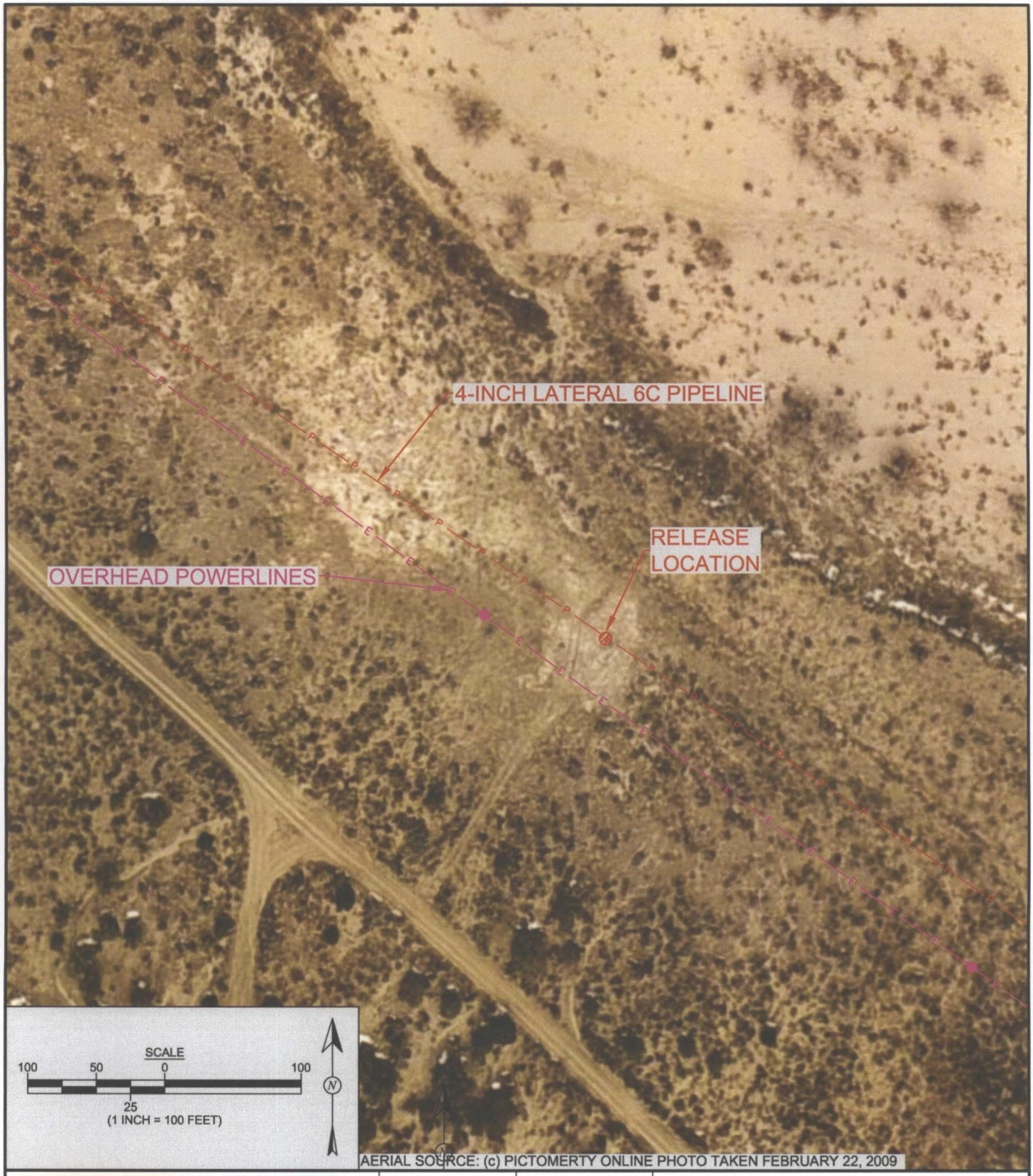
Animas Environmental Services, LLC

DRAWN BY: C. Lameman	**DATE DRAWN:** September 22, 2011
REVISIONS BY: C. Lameman	**DATE REVISED:** October 26, 2011
CHECKED BY: B. Watson	**DATE CHECKED:** October 26, 2011
APPROVED BY: E. McNally	**DATE APPROVED:** October 28, 2011

FIGURE 1

TOPOGRAPHIC SITE LOCATION MAP

ENTERPRISE PRODUCTS COMPANY
LATERAL 6C PIPELINE RELEASE LOCATION
SAN JUAN COUNTY, NEW MEXICO
NE ¼, SW ¼, SEC. 26, T28N, R11W
N36°37.921', W107°58.440'



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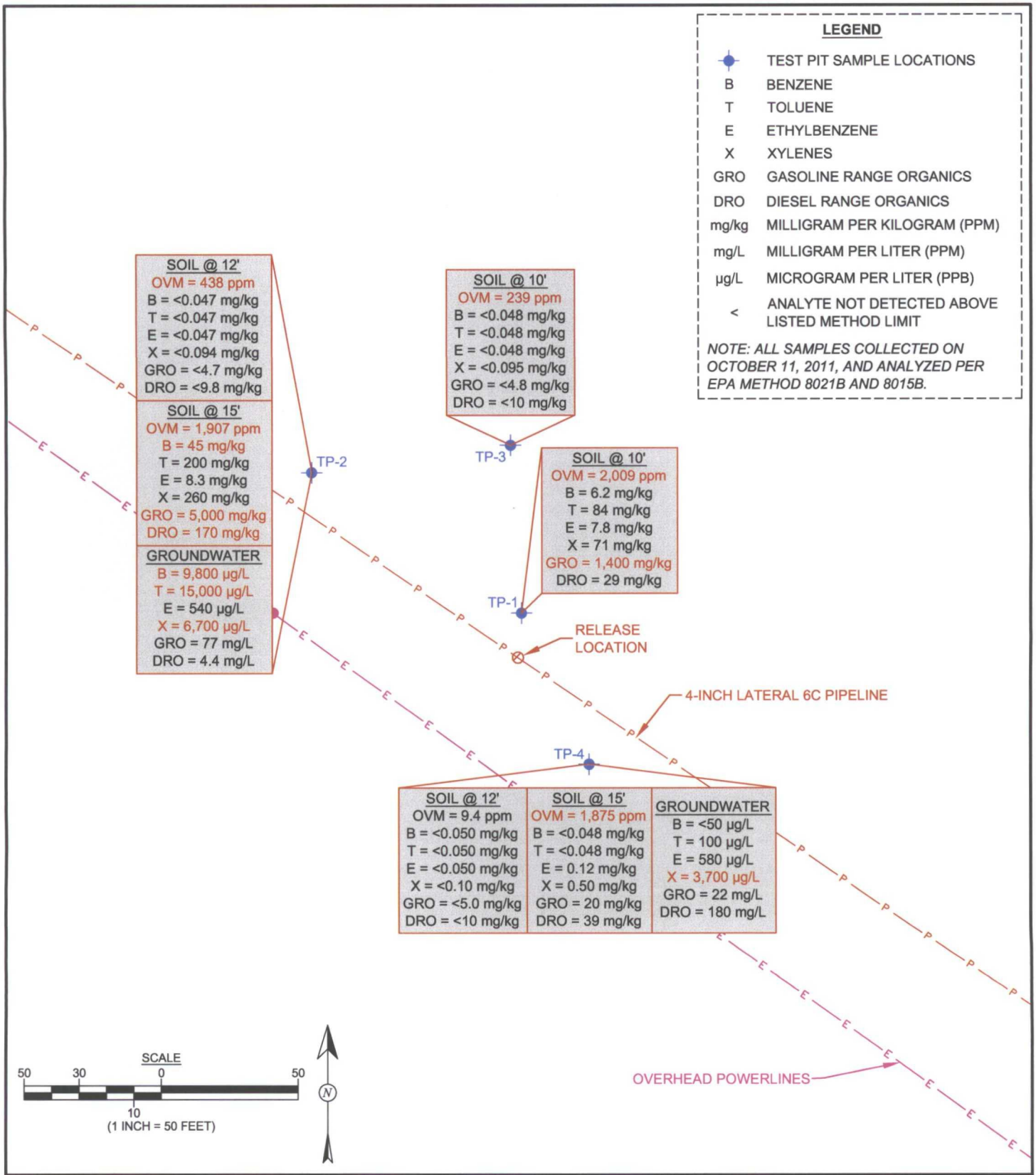
APPROVED BY: E. McNally	**DATE APPROVED:** October 28, 2011

FIGURE 2

AERIAL SITE MAP

ENTERPRISE PRODUCTS COMPANY
LATERAL 6C PIPELINE RELEASE LOCATION
SAN JUAN COUNTY, NEW MEXICO
NE ¼, SW ¼, SEC. 26, T28N, R11W
N36°37.921', W107°58.440'



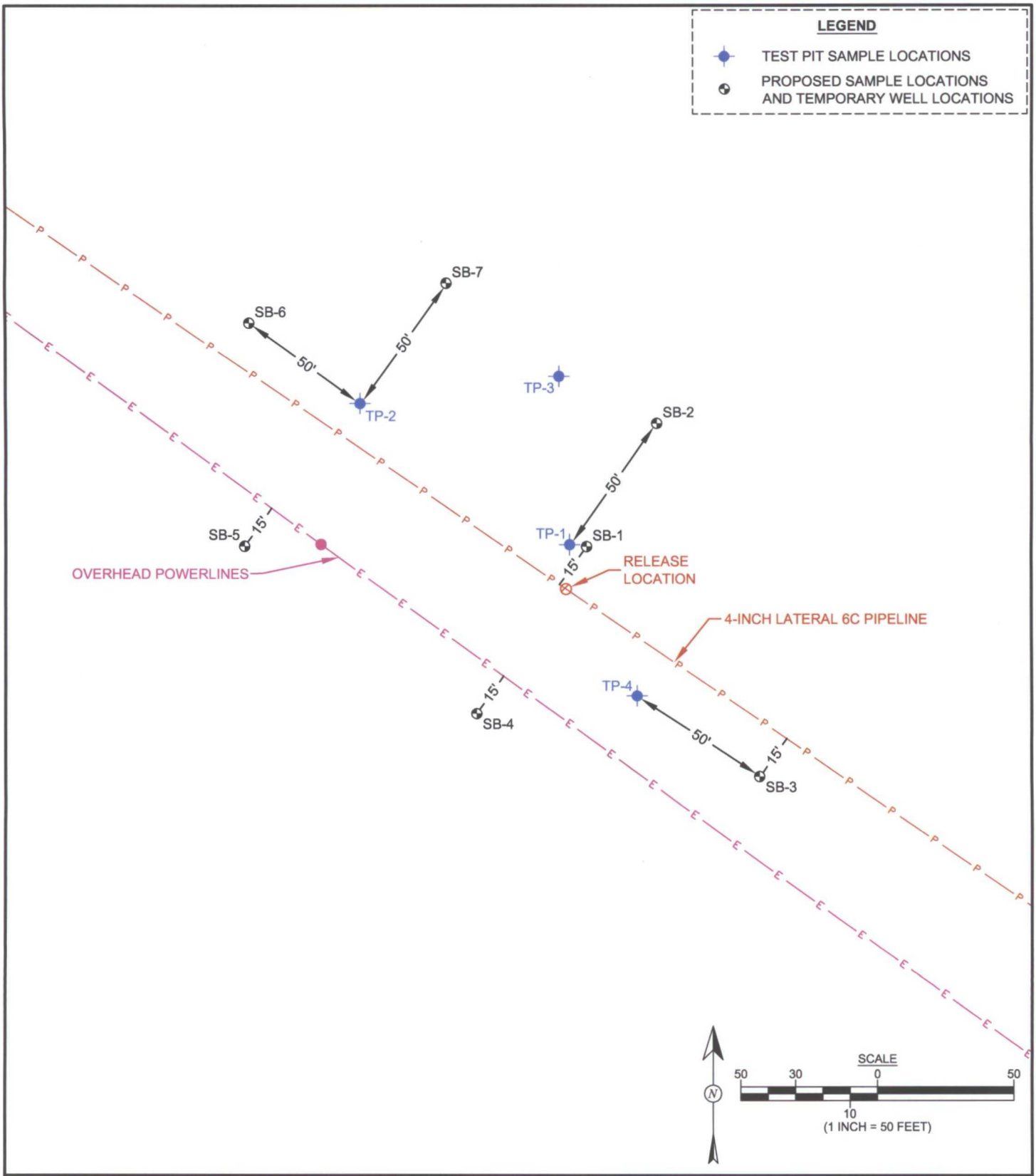
Animas Environmental Services, LLC

DRAWN BY: C. Lameman	**DATE DRAWN:** October 25, 2011
REVISIONS BY: C. Lameman	**DATE REVISED:** October 25, 2011
CHECKED BY: B. Watson	**DATE CHECKED:** October 26, 2011
APPROVED BY: E. McNally	**DATE APPROVED:** October 28, 2011

FIGURE 3

SOIL AND GROUNDWATER SAMPLE RESULTS, OCTOBER 2011

ENTERPRISE PRODUCTS COMPANY
LATERAL 6C PIPELINE RELEASE LOCATION
SAN JUAN COUNTY, NEW MEXICO
NE ¼, SW ¼, SEC. 26, T28N, R11W
N36°37.921', W107°58.440



Animas Environmental Services, LLC

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APPROVED BY: E. McNally	**DATE APPROVED:** October 28, 2011

FIGURE 4

PROPOSED INVESTIGATION LOCATIONS

ENTERPRISE PRODUCTS COMPANY
LATERAL 6C PIPELINE RELEASE LOCATION
SAN JUAN COUNTY, NEW MEXICO
NE ¼, SW ¼, SEC. 26, T28N, R11W
N36°37.921', W107°58.440

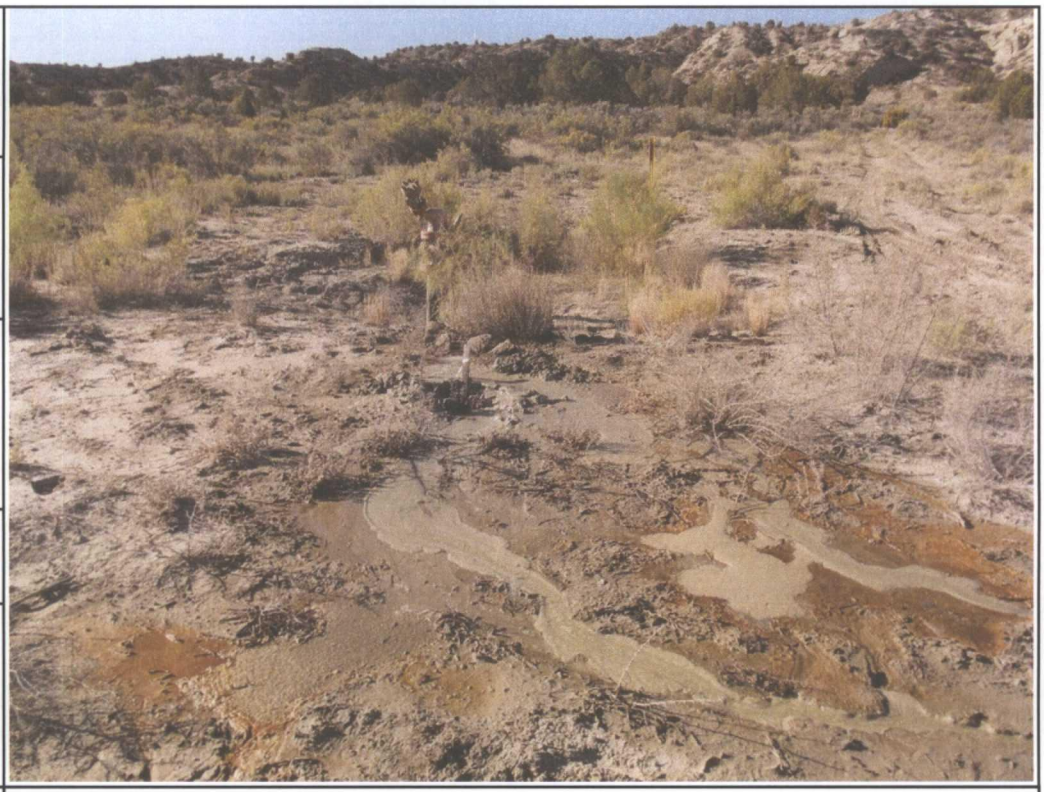
Photo #1	
Client: Enterprise Products Company	
Project: Lateral 6C Pipeline Release	
Taken by: Ross Kennemer	
September 22, 2011	
AES Project No: 110904	Description: Surface contamination from pipeline release; N 36° 37.921' N; W 107° 58.440.

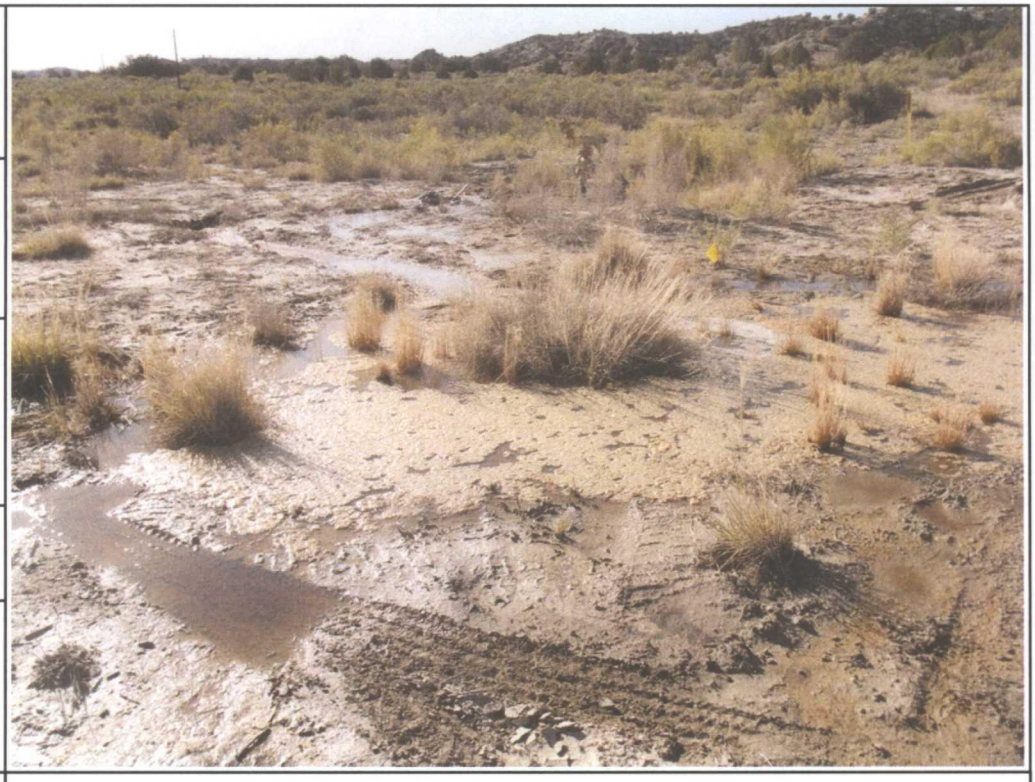
Photo #2	
Client: Enterprise Products Company	
Project: Lateral 6C Pipeline Release	
Taken by: Ross Kennemer	
September 22, 2011	
AES Project No: 110904	Description: Surface contamination from pipeline release.

Photo #3	
Client: Enterprise Products Company	
Project: Lateral 6C Pipeline Release	
Taken by: Ross Kennemer	
September 23, 2011	
AES Project No: 110904	Description: Excavated and repaired pipeline.

Photo #4	
Client: Enterprise Products Company	
Project: Lateral 6C Pipeline Release	
Taken by: Ross Kennemer	
September 23, 2011	
AES Project No: 110904	Description: Excavated and repaired pipeline.

Photo #5	
Client: Enterprise Products Company	
Project: Lateral 6C Pipeline Release	
Taken by: Ross Kennemer	
October 11, 2011	
AES Project No: 110904	Description: Excavation of Test Pit TP-4, up-gradient of pipeline release point.

Photo #6	
Client: Enterprise Products Company	
Project: Lateral 6C Pipeline Release	
Taken by: Ross Kennemer	
October 11, 2011	
AES Project No: 110904	Description: Excavating TP-2, down-gradient of pipeline release point.

Photo #7	
Client: Enterprise Products Company	
Project: Lateral 6C Pipeline Release	
Taken by: Ross Kennemer	
October 11, 2011	
AES Project No: 110904	Description: Excavating TP-2, down-gradient of pipeline release point. Note stained soils.

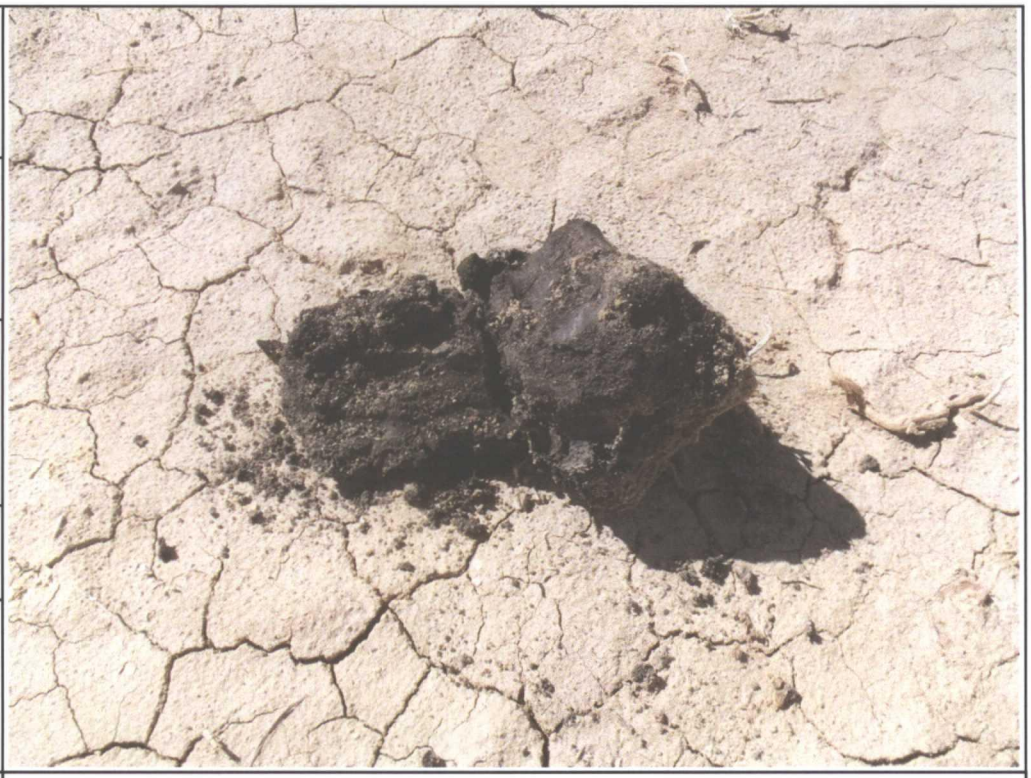
Photo #8	
Client: Enterprise Products Company	
Project: Lateral 6C Pipeline Release	
Taken by: Ross Kennemer	
October 11, 2011	
AES Project No: 110904	Description: Hydrocarbon contaminated soil excavated from TP-2 at 12 feet below surface.

Photo #9	
Client: Enterprise Products Company	
Project: Lateral 6C Pipeline Release	
Taken by: Ross Kennemer	
October 11, 2011	
AES Project No: 110904	Description: Excavating TP-3, down and cross-gradient of pipeline release point.

Photo #10	
Client: Enterprise Products Company	
Project: Lateral 6C Pipeline Release	
Taken by: Ross Kennemer	
October 11, 2011	
AES Project No: 110904	Description: TP-1 at pipeline release point.

envirotech

Bill of Lading

MANIFEST # 39745

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

DATE 9-23-11 JOB# 97057-0453

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 Lot 6C	Clean Fill Soil	—	10	—	Moss	47	10:41	Dwayne
2	"			—	10	—	Moss	17	1041	Carlos Herrera
	"	"	"	—	10	—	Moss	47	1323	Dwayne
	"	"	"	—	10	—	Moss	17	1325	Carlos Herrera
					40					

RESULTS:

CHLORIDE TEST

PAINT FILTER TEST

LANDFARM EMPLOYEE: Craig 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. Moss NAME Dwayne Larsen SIGNATURE Dwayne

COMPANY CONTACT Manuel Chavez PHONE 320-8118 DATE 9-23-11

Signatures required prior to distribution of this legal document.

White - Company Records, Yellow - Billing, Pink - Customer

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envirotech

Bill of Lading

MANIFEST # 39744

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

DATE 9-23-11 JOB# 97057-0453

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise Lot E-2	LFII	Cont Soil	N-2	8	—	Moss	47	10:40	Dwayne L
2	" "	"	"	N-2	8	—	Moss	17	1040	Carlo Herr
3	" "	"	"	N-2	10		Moss	47	1322	Dwayne L
4	" "	"	"	N-2	10	—	Moss	17	1335	Carlo Herr
5	" "	"	"	N-2	8	—	Moss	47	1545	Dwayne L
6	" "	"	"	N-2	8	—	Moss	17	1545	Carlo Herr
					52					

RESULTS:

-287	CHLORIDE TEST	.2
	PAINT FILTER TEST	.2

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. Moss NAME Dwayne Larsen SIGNATURE Dwayne L

COMPANY CONTACT Manuel Chavez PHONE 320-8118 DATE 9-23-11

Signatures required prior to distribution of this legal document.

White - Company Records, Yellow - Billing, Pink - Customer

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HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Monday, October 24, 2011

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

TEL: (505) 564-2281
FAX (505) 324-2022

RE: Enterprise Products Co Lateral 6C

Order No.: 1110780

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory, Inc. received 8 sample(s) on 10/13/2011 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 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,

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682

Hall Environmental Analysis Laboratory, Inc.

Date: *24-Oct-11*

Analytical Report

CLIENT:	Animas Environmental Services	**Client Sample ID:**	TP4 @ 12' BGS
Lab Order:	1110780	**Collection Date:**	10/11/2011 10:50:00 AM
Project:	Enterprise Products Co Lateral 6C	**Date Received:**	10/13/2011
Lab ID:	1110780-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/21/2011 2:49:31 AM
Surr: DNOP	105	73.4-123		%REC	1	10/21/2011 2:49:31 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/18/2011 5:28:16 PM
Surr: BFB	96.0	75.2-136		%REC	1	10/18/2011 5:28:16 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.050		mg/Kg	1	10/18/2011 5:28:16 PM
Toluene	ND	0.050		mg/Kg	1	10/18/2011 5:28:16 PM
Ethylbenzene	ND	0.050		mg/Kg	1	10/18/2011 5:28:16 PM
Xylenes, Total	ND	0.10		mg/Kg	1	10/18/2011 5:28:16 PM
Surr: 4-Bromofluorobenzene	86.2	80-120		%REC	1	10/18/2011 5:28:16 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *24-Oct-11*
Analytical Report

CLIENT:	Animas Environmental Services	**Client Sample ID:**	TP-2 @ 12' BGS
Lab Order:	1110780	**Collection Date:**	10/11/2011 11:10:00 AM
Project:	Enterprise Products Co Lateral 6C	**Date Received:**	10/13/2011
Lab ID:	1110780-02	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/21/2011 4:31:25 AM
Surr: DNOP	98.3	73.4-123		%REC	1	10/21/2011 4:31:25 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/19/2011 3:21:56 PM
Surr: BFB	92.4	75.2-136		%REC	1	10/19/2011 3:21:56 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.047		mg/Kg	1	10/19/2011 3:21:56 PM
Toluene	ND	0.047		mg/Kg	1	10/19/2011 3:21:56 PM
Ethylbenzene	ND	0.047		mg/Kg	1	10/19/2011 3:21:56 PM
Xylenes, Total	ND	0.094		mg/Kg	1	10/19/2011 3:21:56 PM
Surr: 4-Bromofluorobenzene	79.9	80-120	S	%REC	1	10/19/2011 3:21:56 PM

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: *24-Oct-11*
Analytical Report

CLIENT:	Animas Environmental Services	**Client Sample ID:**	TP-3 @ 10' BGS
Lab Order:	1110780	**Collection Date:**	10/11/2011 11:30:00 AM
Project:	Enterprise Products Co Lateral 6C	**Date Received:**	10/13/2011
Lab ID:	1110780-03	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/21/2011 5:40:47 AM
Surr: DNOP	99.7	73.4-123		%REC	1	10/21/2011 5:40:47 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/20/2011 1:53:14 PM
Surr: BFB	93.8	75.2-136		%REC	1	10/20/2011 1:53:14 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.048		mg/Kg	1	10/20/2011 1:53:14 PM
Toluene	ND	0.048		mg/Kg	1	10/20/2011 1:53:14 PM
Ethylbenzene	ND	0.048		mg/Kg	1	10/20/2011 1:53:14 PM
Xylenes, Total	ND	0.095		mg/Kg	1	10/20/2011 1:53:14 PM
Surr: 4-Bromofluorobenzene	79.0	80-120	S	%REC	1	10/20/2011 1:53:14 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *24-Oct-11*
Analytical Report

CLIENT:	Animas Environmental Services	**Client Sample ID:**	TP-1 @ 10' BGS
Lab Order:	1110780	**Collection Date:**	10/11/2011 12:05:00 PM
Project:	Enterprise Products Co Lateral 6C	**Date Received:**	10/13/2011
Lab ID:	1110780-04	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JB
Diesel Range Organics (DRO)	29	9.7		mg/Kg	1	10/21/2011 6:15:24 AM
Surr: DNOP	99.7	73.4-123		%REC	1	10/21/2011 6:15:24 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	1400	240		mg/Kg	50	10/18/2011 7:03:30 PM
Surr: BFB	112	75.2-136		%REC	50	10/18/2011 7:03:30 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	6.2	2.4		mg/Kg	50	10/18/2011 7:03:30 PM
Toluene	84	2.4		mg/Kg	50	10/18/2011 7:03:30 PM
Ethylbenzene	7.8	2.4		mg/Kg	50	10/18/2011 7:03:30 PM
Xylenes, Total	71	4.9		mg/Kg	50	10/18/2011 7:03:30 PM
Surr: 4-Bromofluorobenzene	91.4	80-120		%REC	50	10/18/2011 7:03:30 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *24-Oct-11*
Analytical Report

CLIENT:	Animas Environmental Services	**Client Sample ID:**	TP-2 @ 15' BGS
Lab Order:	1110780	**Collection Date:**	10/11/2011 1:46:00 PM
Project:	Enterprise Products Co Lateral 6C	**Date Received:**	10/13/2011
Lab ID:	1110780-05	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	170	10		mg/Kg	1	10/21/2011 6:50:02 AM
Surr: DNOP	111	73.4-123		%REC	1	10/21/2011 6:50:02 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	5000	470		mg/Kg	100	10/18/2011 7:33:21 PM
Surr: BFB	129	75.2-136		%REC	100	10/18/2011 7:33:21 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	45	4.7		mg/Kg	100	10/18/2011 7:33:21 PM
Toluene	200	4.7		mg/Kg	100	10/18/2011 7:33:21 PM
Ethylbenzene	8.3	4.7		mg/Kg	100	10/18/2011 7:33:21 PM
Xylenes, Total	260	9.4		mg/Kg	100	10/18/2011 7:33:21 PM
Surr: 4-Bromofluorobenzene	95.8	80-120		%REC	100	10/18/2011 7:33:21 PM

Qualifiers:

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

CLIENT:	Animas Environmental Services	**Client Sample ID:**	TP-4 @ 15' BGS
Lab Order:	1110780	**Collection Date:**	10/11/2011 2:00:00 PM
Project:	Enterprise Products Co Lateral 6C	**Date Received:**	10/13/2011
Lab ID:	1110780-06	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	39	9.9		mg/Kg	1	10/21/2011 7:24:30 AM
Surr: DNOP	93.7	73.4-123		%REC	1	10/21/2011 7:24:30 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	20	4.8		mg/Kg	1	10/20/2011 2:23:09 PM
Surr: BFB	170	75.2-136	S	%REC	1	10/20/2011 2:23:09 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.048		mg/Kg	1	10/20/2011 2:23:09 PM
Toluene	ND	0.048		mg/Kg	1	10/20/2011 2:23:09 PM
Ethylbenzene	0.12	0.048		mg/Kg	1	10/20/2011 2:23:09 PM
Xylenes, Total	0.50	0.095		mg/Kg	1	10/20/2011 2:23:09 PM
Surr: 4-Bromofluorobenzene	84.3	80-120		%REC	1	10/20/2011 2:23:09 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *24-Oct-11*

Analytical Report

CLIENT:	Animas Environmental Services	**Client Sample ID:**	TP-2 groundwater
Lab Order:	1110780	**Collection Date:**	10/11/2011 1:57:00 PM
Project:	Enterprise Products Co Lateral 6C	**Date Received:**	10/13/2011
Lab ID:	1110780-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **JB**
Diesel Range Organics (DRO)	4.4	1.0		mg/L	1	10/21/2011 2:15:54 AM
Surr: DNOP	106	81.1-147		%REC	1	10/21/2011 2:15:54 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	77	2.5		mg/L	50	10/18/2011 11:34:56 PM
Surr: BFB	98.7	65.4-141		%REC	50	10/18/2011 11:34:56 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	9800	200		µg/L	200	10/19/2011 1:34:31 PM
Toluene	15000	200		µg/L	200	10/19/2011 1:34:31 PM
Ethylbenzene	540	200		µg/L	200	10/19/2011 1:34:31 PM
Xylenes, Total	6700	400		µg/L	200	10/19/2011 1:34:31 PM
Surr: 4-Bromofluorobenzene	93.9	76.5-115		%REC	200	10/19/2011 1:34:31 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *24-Oct-11*
Analytical Report

CLIENT:	Animas Environmental Services	**Client Sample ID:**	TP-4 groundwater
Lab Order:	1110780	**Collection Date:**	10/11/2011 2:15:00 PM
Project:	Enterprise Products Co Lateral 6C	**Date Received:**	10/13/2011
Lab ID:	1110780-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **JB**
Diesel Range Organics (DRO)	180	10		mg/L	10	10/21/2011 7:58:54 AM
Surr: DNOP	0	81.1-147	S	%REC	10	10/21/2011 7:58:54 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	22	2.5		mg/L	50	10/19/2011 12:32:29 AM
Surr: BFB	120	65.4-141		%REC	50	10/19/2011 12:32:29 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	50		µg/L	50	10/19/2011 12:32:29 AM
Toluene	100	50		µg/L	50	10/19/2011 12:32:29 AM
Ethylbenzene	580	50		µg/L	50	10/19/2011 12:32:29 AM
Xylenes, Total	3700	100		µg/L	50	10/19/2011 12:32:29 AM
Surr: 4-Bromofluorobenzene	103	76.5-115		%REC	50	10/19/2011 12:32:29 AM

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
Project: Enterprise Products Co Lateral 6C **Work Order:** 1110780

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range Organics											
Sample ID: 1110780-01AMSD		*MSD*				Batch ID: **28938**		Analysis Date:		10/21/2011 3:56:42 AM	
Diesel Range Organics (DRO)	43.97	mg/Kg	9.9	49.36	4.815	79.3	61.9	125	11.2	22.3	
Sample ID: MB-28938		*MBLK*				Batch ID: **28938**		Analysis Date:		10/18/2011 2:26:23 PM	
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Sample ID: LCS-28938		*LCS*				Batch ID: **28938**		Analysis Date:		10/18/2011 2:51:17 PM	
Diesel Range Organics (DRO)	59.50	mg/Kg	10	50	0	119	66.7	119			
Sample ID: 1110780-01AMS		*MS*				Batch ID: **28938**		Analysis Date:		10/21/2011 3:23:06 AM	
Diesel Range Organics (DRO)	49.18	mg/Kg	10	50.05	4.815	88.6	61.9	125			
Method: EPA Method 8015B: Diesel Range											
Sample ID: MB-28936		*MBLK*				Batch ID: **28936**		Analysis Date:		10/21/2011 12:57:29 AM	
Diesel Range Organics (DRO)	ND	mg/L	1.0								
Sample ID: LCS-28936		*LCS*				Batch ID: **28936**		Analysis Date:		10/21/2011 1:26:01 AM	
Diesel Range Organics (DRO)	2.617	mg/L	1.0	2.5	0	105	74	157			
Sample ID: LCSD-28936		*LCSD*				Batch ID: **28936**		Analysis Date:		10/21/2011 1:55:14 AM	
Diesel Range Organics (DRO)	2.165	mg/L	1.0	2.5	0	86.6	74	157	18.9	23	
Method: EPA Method 8015B: Gasoline Range											
Sample ID: 5ML-RB		*MBLK*				Batch ID: **R48488**		Analysis Date:		10/18/2011 9:51:53 AM	
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0								
Sample ID: MB-28931		*MBLK*				Batch ID: **28931**		Analysis Date:		10/18/2011 2:28:30 PM	
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0								
Sample ID: 5ML-RB		*MBLK*				Batch ID: **R48530**		Analysis Date:		10/19/2011 10:31:25 AM	
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0								
Sample ID: 2.5 GRO LCS		*LCS*				Batch ID: **R48488**		Analysis Date:		10/18/2011 11:18:36 AM	
Gasoline Range Organics (GRO)	26.72	mg/Kg	5.0	25	0	107	86.4	132			
Sample ID: LCS-28931		*LCS*				Batch ID: **28931**		Analysis Date:		10/18/2011 1:28:21 PM	
Gasoline Range Organics (GRO)	28.69	mg/Kg	5.0	25	0	115	86.4	132			
Sample ID: 2.5 GRO LCS		*LCS*				Batch ID: **R48530**		Analysis Date:		10/19/2011 12:07:58 PM	
Gasoline Range Organics (GRO)	26.42	mg/Kg	5.0	25	0	106	86.4	132			
Method: EPA Method 8015B: Gasoline Range											
Sample ID: 1110780-07A MSD		*MSD*				Batch ID: **R48488**		Analysis Date:		10/19/2011 1:58:48 AM	
Gasoline Range Organics (GRO)	97.22	mg/L	2.5	25	77.01	80.8	66.1	127	7.47	15.5	
Sample ID: 5ML-RB		*MBLK*				Batch ID: **R48488**		Analysis Date:		10/18/2011 9:51:53 AM	
Gasoline Range Organics (GRO)	ND	mg/L	0.050								
Sample ID: 2.5 GRO LCS		*LCS*				Batch ID: **R48488**		Analysis Date:		10/18/2011 11:18:36 AM	
Gasoline Range Organics (GRO)	0.5344	mg/L	0.050	0.5	0	107	92.1	117			
Sample ID: 1110780-07A MS		*MS*				Batch ID: **R48488**		Analysis Date:		10/19/2011 1:30:00 AM	
Gasoline Range Organics (GRO)	104.8	mg/L	2.5	25	77.01	111	66.1	127			

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
Project: Enterprise Products Co Lateral 6C **Work Order:** 1110780

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: **EPA Method 8021B: Volatiles**											
Sample ID: 1110780-01AMSD		*MSD*				Batch ID:	**28931**	Analysis Date:		10/19/2011 12:34:18 AM	
Benzene	0.9411	mg/Kg	0.050	0.990	0	95.1	67.2	113	0.842	14.3	
Toluene	0.8647	mg/Kg	0.050	0.990	0	87.3	62.1	116	1.92	15.9	
Ethylbenzene	0.9431	mg/Kg	0.050	0.990	0	95.3	67.9	127	0.748	14.4	
Xylenes, Total	2.840	mg/Kg	0.099	2.97	0	95.6	60.6	134	0.995	12.6	
Sample ID: 5ML-RB		*MBLK*				Batch ID:	**R48488**	Analysis Date:		10/18/2011 9:51:53 AM	
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								
Sample ID: MB-28931		*MBLK*				Batch ID:	**28931**	Analysis Date:		10/18/2011 2:28:30 PM	
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								
Sample ID: 100NG BTEX LCS		*LCS*				Batch ID:	**R48488**	Analysis Date:		10/18/2011 6:46:44 PM	
Benzene	0.9228	mg/Kg	0.050	1	0.0139	90.9	83.3	107			
Toluene	0.9042	mg/Kg	0.050	1	0	90.4	74.3	115			
Ethylbenzene	0.9076	mg/Kg	0.050	1	0	90.8	80.9	122			
Xylenes, Total	2.712	mg/Kg	0.10	3	0	90.4	85.2	123			
Sample ID: LCS-28931		*LCS*				Batch ID:	**28931**	Analysis Date:		10/18/2011 1:58:28 PM	
Benzene	0.9082	mg/Kg	0.050	1	0.0168	89.1	83.3	107			
Toluene	0.8359	mg/Kg	0.050	1	0	83.6	74.3	115			
Ethylbenzene	0.9127	mg/Kg	0.050	1	0	91.3	80.9	122			
Xylenes, Total	2.782	mg/Kg	0.10	3	0	92.7	85.2	123			
Sample ID: 1110780-01AMS		*MS*				Batch ID:	**28931**	Analysis Date:		10/19/2011 12:04:31 AM	
Benzene	0.9332	mg/Kg	0.050	0.997	0	93.6	67.2	113			
Toluene	0.8815	mg/Kg	0.050	0.997	0	88.4	62.1	116			
Ethylbenzene	0.9501	mg/Kg	0.050	0.997	0	95.3	67.9	127			
Xylenes, Total	2.869	mg/Kg	0.10	2.991	0	95.9	60.6	134			

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
Project: Enterprise Products Co Lateral 6C **Work Order:** 1110780

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8021B: Volatiles											
Sample ID: 1110780-08A MSD		*MSD*				Batch ID:	**R48488**	Analysis Date:		10/19/2011 2:56:20 AM	
Benzene	869.5	µg/L	50	1000	15.73	85.4	76.6	119	11.8	16.4	
Toluene	933.8	µg/L	50	1000	102.2	83.2	77.3	118	11.8	13.9	
Ethylbenzene	1365	µg/L	50	1000	579.7	78.5	76.6	114	8.57	13.5	
Xylenes, Total	5744	µg/L	100	3000	3718	67.5	82	113	9.53	12.9	S
Sample ID: 5ML-RB		*MBLK*				Batch ID:	**R48488**	Analysis Date:		10/18/2011 9:51:53 AM	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	2.0								
Sample ID: 5ML-RB		*MBLK*				Batch ID:	**R48530**	Analysis Date:		10/19/2011 10:31:25 AM	
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	2.0								
Sample ID: 100NG BTEX LCS		*LCS*				Batch ID:	**R48488**	Analysis Date:		10/18/2011 6:46:44 PM	
Benzene	18.46	µg/L	1.0	20	0	92.3	80	120			
Toluene	18.08	µg/L	1.0	20	0	90.4	80	120			
Ethylbenzene	18.15	µg/L	1.0	20	0	90.8	80	120			
Xylenes, Total	54.25	µg/L	2.0	60	0	90.4	80	120			
Sample ID: 100NG BTEX LCS		*LCS*				Batch ID:	**R48530**	Analysis Date:		10/19/2011 11:33:34 PM	
Benzene	19.28	µg/L	1.0	20	0.2698	95.1	80	120			
Toluene	18.94	µg/L	1.0	20	0	94.7	80	120			
Ethylbenzene	18.98	µg/L	1.0	20	0	94.9	80	120			
Xylenes, Total	56.18	µg/L	2.0	60	0	93.6	80	120			
Sample ID: 1110780-08A MS		*MS*				Batch ID:	**R48488**	Analysis Date:		10/19/2011 2:27:35 AM	
Benzene	978.4	µg/L	50	1000	15.73	96.3	76.6	119			
Toluene	1051	µg/L	50	1000	102.2	94.9	77.3	118			
Ethylbenzene	1487	µg/L	50	1000	579.7	90.8	76.6	114			
Xylenes, Total	6320	µg/L	100	3000	3718	86.7	82	113			

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name ANIMAS ENVIRONMENTAL Date Received: 10/13/2011

Work Order Number 1110780 Received by: AT

Checklist completed by: _____ 10/13/11 Sample ID labels checked by: IO
Signature Date Initials

Matrix: Carrier name: Courier

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 ☐		Number of preserved bottles checked for pH:
Water - VOA vials have zero headspace?	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 ☑	*<2 >12 unless noted below.*
Container/Temp Blank temperature?	**1.6°**	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Animas Environmental

Mailing Address: 624 E. Comanche
Farmington, NM 87401

Phone #: (505) 564-2281

email or Fax#: 324-2022

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

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: Enterprise Products Company Lateral 6 C

Project #:

Project Manager: Ross Kennemer

Sampler: Ross Kennemer

On Ice: ☒ Yes ☐ No

Sample Temperature: 4°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. 1110780	BTEX + MTBE + TMB's (8021)	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_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	GRO, DRO 8015				Air Bubbles (Y or N)
10-11-11	1050	Soil	TP-4 @ 12' BGS	4oz glass / 1	4°C	-1	X											X				
	1110		TP-2 @ 12' BGS			-2	X											X				
	1130		TP-3 @ 10' BGS			-3	X											X				
	1205		TP-1 @ 10' BGS			-4	X											X				
	1346		TP-2 @ 15' BGS			-5	X											X				
	1400		TP-4 @ 15' BGS			-6	X											X				
	1357	H_2O	TP-2 groundwater	5 40ml VOA	4°C / HCl	-7	X											X				
	1415		TP-4 groundwater			-8	X											X				

Date:	Time:	Relinquished by:	Received by:	Date	Time
10-12-11	1447	Ross Kennemer	Christine Walters	10/12/11	1447
10/12/11	1332	Christine Walters		10/13/11	1250
			David M	10/13/11	12:50pm

Remarks: Invoice to Enterprise.