

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

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 to
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company Burlington Resources Oil & Gas Company	Contact Crystal Tafoya
Address 3401 East 30th St, Farmington, NM	Telephone No. (505) 326-9837
Facility Name: Albright 13	Facility Type: Gas Well

Surface Owner BLM	Mineral Owner BLM (SF-077865)	API No. 30-045-25688
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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	15	29N	10W	1980	South	2051	West	San Juan

Latitude 36.72959 Longitude 107.87469

NATURE OF RELEASE

Type of Release Produced Fluids	Volume of Release Unknown	Volume Recovered 340 cu. yds.
Source of Release Below Grade Tank	Date and Hour of Occurrence Unknown	Date and Hour of Discovery August 7, 2013

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 RCUD NOV 22 '13
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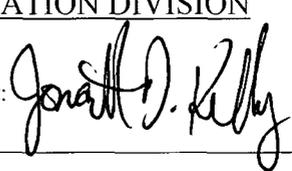
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. OIL CONS. DIV. DIST. 3
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If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
Below Grade Tank Closure Activities

Describe Area Affected and Cleanup Action Taken.*
The below grade tank sample results were above regulatory standards by USEPA method 418.1 for TPH confirming a release. The excavation was 30' x 30' x 12' and 340 cubic yards of soil was transported to a third party landfarm. Excavation and confirmation sampling occurred. Analytical results for TPH, and BTEX were below the regulatory standards set forth in the NMOCD Guidelines for Remediation of Leaks, Spills and Release; therefore no further action is required. The final report is attached for review.

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

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Crystal Tafoya	Approved by Environmental Specialist: 	
Title: Field Environmental Specialist	Approval Date: 11/26/2013	Expiration Date:
E-mail Address: crystal.tafoya@conocophillips.com	Conditions of Approval: BGT Closure requires Closure permit, please submit C-141	Attached <input type="checkbox"/>
Date: 11/21/2013	Phone: (505) 326-9837	

* Attach Additional Sheets If Necessary

nJK1333057002



Animas Environmental Services, LLC

www.animasenvironmental.com

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

Durango, Colorado
970-403-3084

November 14, 2013

Crystal Tafoya
ConocoPhillips
San Juan Business Unit
Office 214-05
5525 Hwy 64
Farmington, New Mexico 87401

Via electronic mail to: SJBUE-Team@ConocoPhillips.com

**RE: Initial Release Assessment and Final Excavation Report
Albright #13
San Juan County, New Mexico**

Dear Ms. Tafoya:

On August 7 and 21, Animas Environmental Services, LLC (AES) completed an initial release assessment and environmental clearance of the final excavation limits at the ConocoPhillips (CoP) Albright #13, located in San Juan County, New Mexico. The historic release was discovered underneath the below grade tank (BGT) during a facility reset. The initial release assessment was completed by AES on August 7, 2013, and the final excavation was completed while AES was on location August 21, 2013.

1.0 Site Information

1.1 Location

Location – NE¼ SW¼, Section 15, T29N, R10W, San Juan County, New Mexico

Well Head Latitude/Longitude – N36.72467 and W107.87437, respectively

Release Location Latitude/Longitude – N36.72466 and W107.87459, respectively

Land Jurisdiction – Bureau of Land Management (BLM)

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map, August 2013

1.2 NMOCD Ranking

In accordance with New Mexico Oil Conservation Division (NMOCD) release protocols, action levels were established per NMOCD *Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993) prior to site work. The release was given a ranking score of 10 based on the following factors:

- **Depth to Groundwater:** A 1994 cathodic report for the Albright #7, located approximately 5,600 feet south-southwest of the location and at a lower elevation, reported the depth to groundwater at 140 feet below ground surface (bgs). (0 points)
- **Wellhead Protection Area:** The release location is not within a wellhead protection area. (0 points)
- **Distance to Surface Water Body:** An identified wash is located 780 feet to the east and ultimately discharges to the San Juan River. (10 points)

1.3 Assessment

AES was initially contacted by Crystal Tafoya of CoP on August 7, 2013, and later that day, Heather Woods of AES completed the release assessment field work. The assessment included collection and field screening of 19 soil samples from within 6 test holes in and around the release area. Based on the field screening results, AES recommended excavation of the release area. Sample locations are shown on Figure 3.

On August 21, 2013, AES returned to the location to collect confirmation soil samples of the excavation. The field screening activities included collection of five confirmation soil samples from the walls and base of the excavation. The area of the final excavation was approximately 716 ft² by 12.5 feet in depth. Sample locations and final excavation extents are presented on Figure 4.

2.0 Soil Sampling

A total of 19 soil samples from 6 test holes (TH-1 through TH-6) and 5 composite samples (SC-1 through SC-5) were collected during the assessment and final clearance of the excavation. All soil samples were field screened for volatile organic compounds (VOCs), and selected samples were also analyzed for total petroleum hydrocarbons (TPH). Two soil samples (TH-1 and TH-4) collected during the assessment and one composite sample (SC-2) collected during the excavation clearance were submitted for confirmation laboratory analysis.

2.1 Field Screening

2.1.1 Volatile Organic Compounds

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

2.1.2 Total Petroleum Hydrocarbons

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

2.2 Laboratory Analyses

The soil samples collected 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. Soil samples were laboratory analyzed for:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per U.S. Environmental Protection Agency (USEPA) Method 8021B.

Soil sample SC-2 was also laboratory analyzed for:

- TPH for gasoline range organics (GRO) and diesel range organics (DRO) per USEPA Method 8015D.

2.3 Field Screening and Laboratory Analytical Results

On August 7, 2013, initial assessment field screening results for VOCs via OVM showed concentrations ranging from 0.0 ppm in 13 samples up to 1,167 ppm in TH-1. Field TPH concentrations ranged from 95.5 mg/kg in TH-2 to greater than 2,500 mg/kg in TH-1.

On August 21, 2013, final excavation field screening results for VOCs via OVM showed concentrations ranging from 0.0 ppm in SC-3 through SC-5 up to 233 ppm in SC-2. Field TPH concentrations ranged from 151 mg/kg in SC-3 up to 1,030 mg/kg in SC-2. Results are included below in Table 1 and on Figures 3 and 4. The AES Field Screening Reports are attached.

Table 1. Field Screening VOCs and TPH Results
 Albright #13 Initial Release Assessment and Final Excavation, August 2013

Sample ID	Date Sampled	Sample Depth (ft bgs)	VOCs via OVM (ppm)	Field TPH (mg/kg)
NMOCD Action Level*			100	1,000
TH-1	8/7/13	5	1,167	NA
		7.5	928	NA
		10.5	443	>2,500
		12.5	205	501
TH-2	8/7/13	2	0.0	NA
		4.5	0.0	NA
		10.5	0.0	NA
		13	0.0	95.5
TH-3	8/7/13	4	0.0	NA
		8	0.0	NA
		12.5	38.7	427
TH-4	8/7/13	5	0.0	NA
		9	223	1,350
TH-5	8/7/13	6.5	0.0	NA
		10	0.0	NA
		11.5	0.0	102
TH-6	8/7/13	6	0.0	NA
		9	0.0	NA
		11	0.0	NA
SC-1	8/21/13	1 to 12.5	1.9	213
SC-2	8/21/13	12.5	233	1,030
SC-3	8/21/13	1 to 12.5	0.0	151
SC-4	8/21/13	1 to 12.5	0.0	164
SC-5	8/21/13	1 to 12.5	0.0	165

NA – not analyzed

*Action level determined by the NMOCD ranking score per *NMOCD Guidelines for Leaks, Spills, and Releases* (August 1993)

Laboratory analyses for TH-1 and TH-4 were used to confirm field screening results of the initial release assessment. Benzene concentrations were reported below laboratory detection limits in each sample. Total BTEX concentrations were reported as less than 0.25 mg/kg (TH-1) and 0.62 mg/kg (TH-4).

Laboratory analyses for SC-2 were used to confirm field screening results during excavation activities. Benzene and total BTEX concentrations in SC-2 were reported below laboratory detection limits of 0.12 mg/kg and 1.1 mg/kg, respectively. TPH concentrations were reported as less than 25mg/kg GRO and 190 mg/kg DRO. Results are presented in Table 2 and on Figure 4. The laboratory analytical reports are attached.

Table 2. Laboratory Analytical Results – Benzene, Total BTEX, and TPH
 Albright #13 Initial Release Assessment and Final Excavation, August 2013

Sample ID	Date Sampled	Sample Depth (ft bgs)	Benzene	Total BTEX	GRO	DRO
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
NMOCD Action Level*			10	50	1,000	
TH-1	8/7/13	12.5	<0.050	<0.25	NA	NA
TH-4	8/7/13	9	<0.050	0.62	NA	NA
SC-2	8/21/13	12.5	<0.12	<1.1	<25	190

NA – not analyzed

*Action level determined by the NMOCD ranking score per *NMOCD Guidelines for Leaks, Spills, and Releases* (August 1993)

3.0 Conclusions and Recommendations

On August 7, 2013, AES conducted an initial assessment of petroleum contaminated soils associated with a historic release at the Albright #13. Action levels for releases are determined by the NMOCD ranking score per *NMOCD Guidelines for Leaks, Spills, and Releases* (August 1993), and the site was assigned a rank of 10. Field screening results above the NMOCD action level of 100 ppm VOCs and 1,000 mg/kg TPH were reported in TH-1 and TH-4. The highest VOC concentration was reported in TH-1 with 1,167 ppm, and the highest TPH concentration was reported in TH-1 as greater than 2,500 mg/kg.

On August 21, 2013, final assessment of the excavation area was completed. Field screening results of the excavation extents showed that VOC concentrations were below applicable NMOCD action levels for the final walls of the excavation; however, the base of the excavation (SC-2) had a VOC concentration of 233 ppm. Field TPH concentrations were below the applicable NMOCD action level of 1,000 mg/kg for the final walls of the excavation, and the base (SC-2) had a reported TPH concentration at 1,030 mg/kg.

However, laboratory analytical results reported benzene, total BTEX concentrations, and TPH concentrations as GRO/DRO in SC-2 as being below NMOCD action levels.

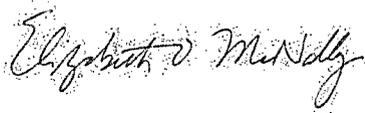
Based on final field screening and laboratory analytical results of the excavation of petroleum contaminated soils at the Albright #13, benzene, total BTEX, VOC, and TPH concentrations were below applicable NMOCD action levels for each of the sidewalls and base of the excavation. No further work is recommended.

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

Sincerely,



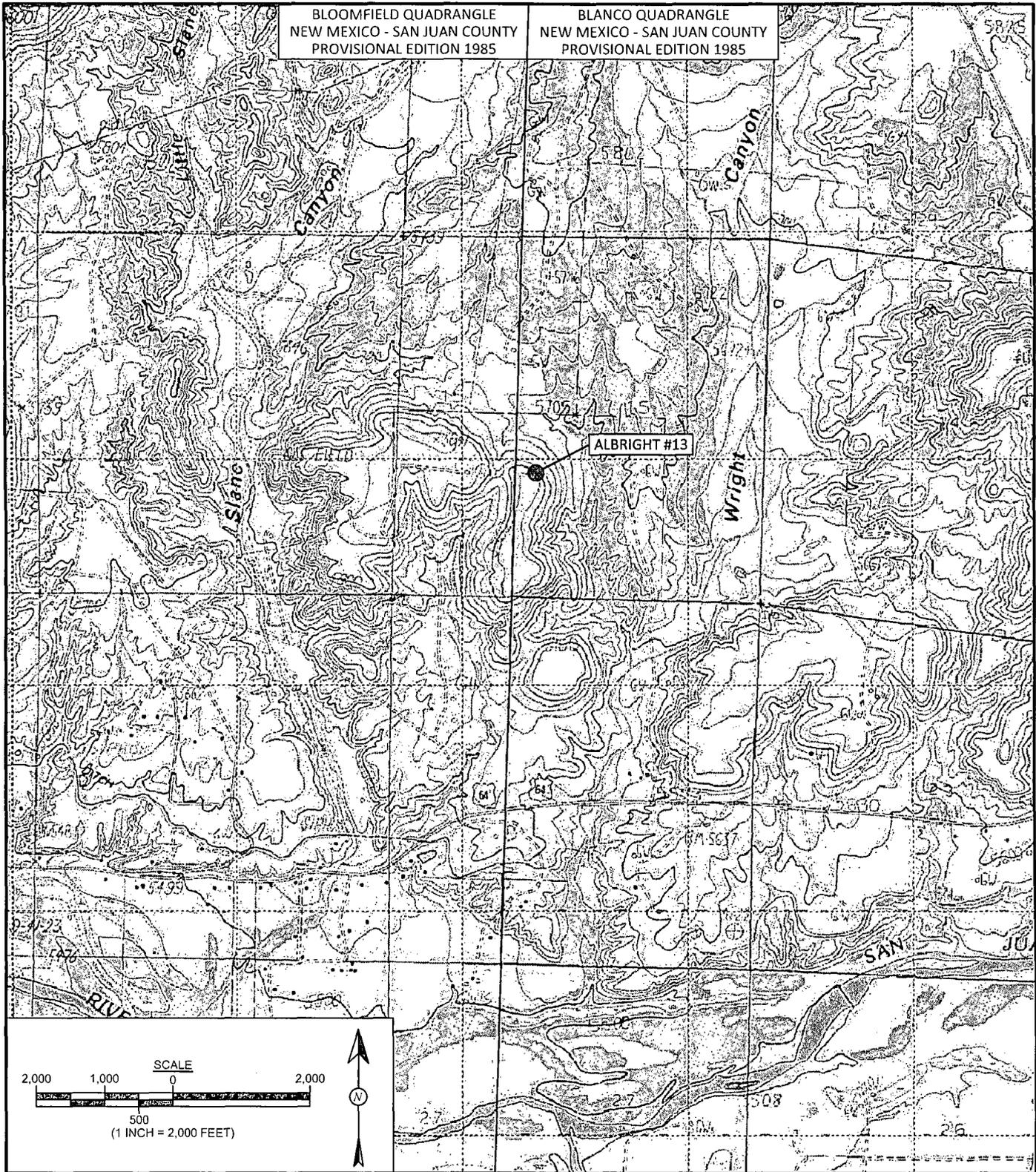
David J. Reese
Environmental Scientist



Elizabeth McNally, PE

Attachments:

- Figure 1. Topographic Site Location Map
- Figure 2. Aerial Site Map, August 2013
- Figure 3. Initial Assessment Sample Locations and Results, August 2013
- Figure 4. Final Excavation Sample Locations and Results, August 2013
- AES Field Screening Report 080713
- AES Field Screening Report 082113
- Hall Laboratory Analytical Report 1308354
- Hall Laboratory Analytical Report 1308A11



BLOOMFIELD QUADRANGLE
NEW MEXICO - SAN JUAN COUNTY
PROVISIONAL EDITION 1985

BLANCO QUADRANGLE
NEW MEXICO - SAN JUAN COUNTY
PROVISIONAL EDITION 1985

ALBRIGHT #13

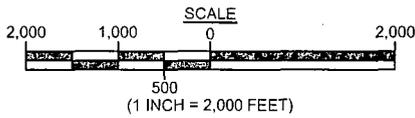
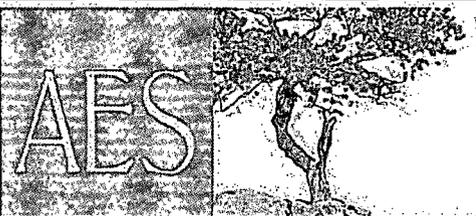


FIGURE 1

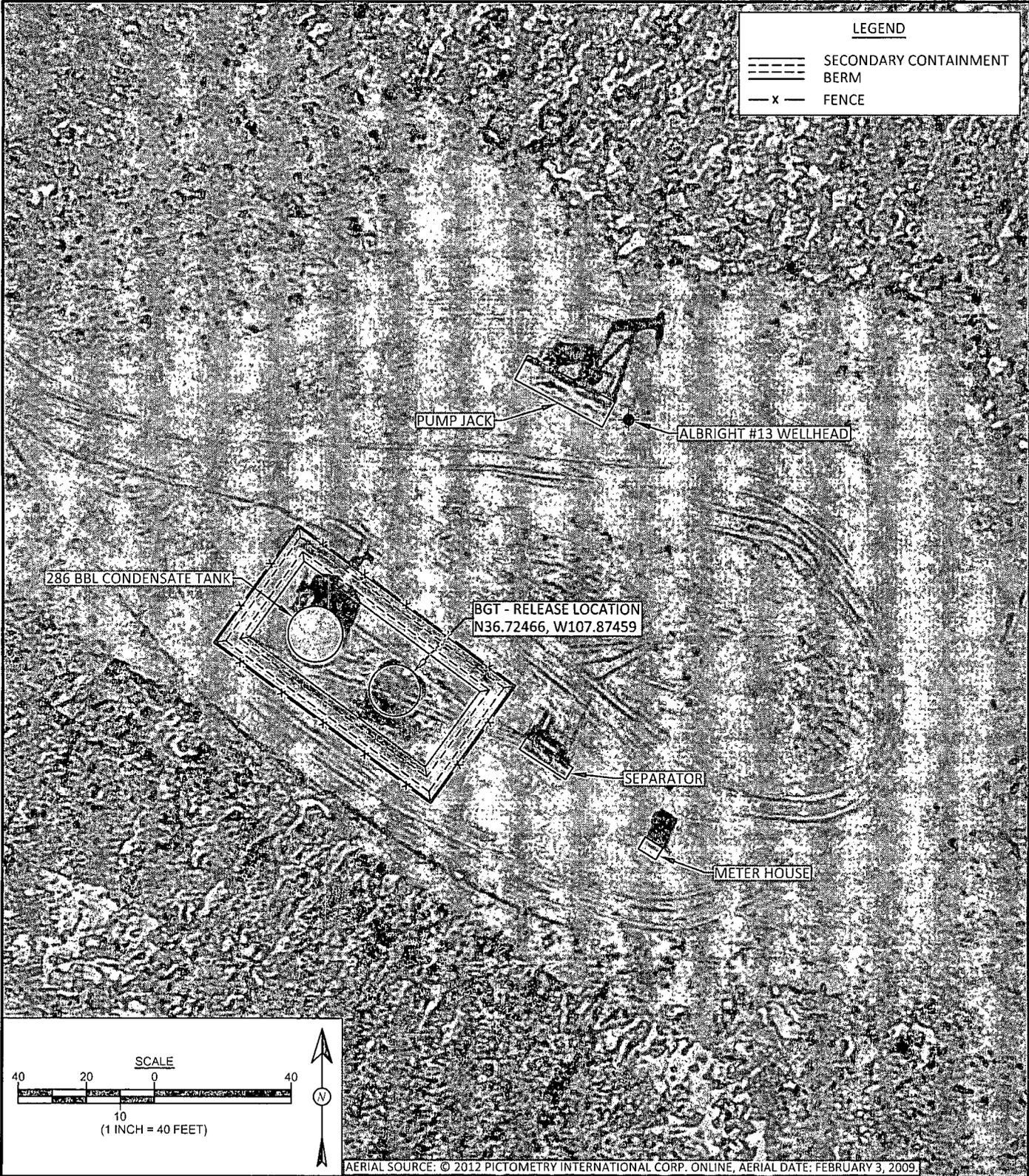
TOPOGRAPHIC SITE LOCATION MAP
ConocoPhillips
ALBRIGHT #13
NE¼ SW¼, SECTION 15, T29N, R10W
SAN JUAN COUNTY, NEW MEXICO
N36.72467, W107.87437



Animas Environmental Services, LLC

DRAWN BY: C. Lameman	DATE DRAWN: August 7, 2013
REVISIONS BY: C. Lameman	DATE REVISED: August 7, 2013
CHECKED BY: D. Watson	DATE CHECKED: August 7, 2013
APPROVED BY: E. McNally	DATE APPROVED: August 7, 2013

LEGEND	
	SECONDARY CONTAINMENT BERM
	FENCE



DRAWN BY: C. Lameman	DATE DRAWN: August 7, 2013
REVISIONS BY: C. Lameman	DATE REVISED: August 7, 2013
CHECKED BY: D. Watson	DATE CHECKED: August 7, 2013
APPROVED BY: E. McNally	DATE APPROVED: August 7, 2013

FIGURE 2

**AERIAL SITE MAP
AUGUST 2013**
ConocoPhillips
ALBRIGHT #13
NE¼ SW¼, SECTION 15, T29N, R10W
SAN JUAN COUNTY, NEW MEXICO
N36.72467, W107.87437

Field Screening Results					
Sample ID	Date	Depth (ft)	OVM-PID (ppm)	TPH (mg/kg)	
		NMOCD ACTION LEVEL		100	1,000
TH-1	8/7/13	5	1,167	NA	
		7.5	928	NA	
		10.5	443	>2,500	
		12.5	205	501	
TH-2	8/7/13	2	0.0	NA	
		4.5	0.0	NA	
		10.5	0.0	NA	
TH-3	8/7/13	4	0.0	NA	
		8	0.0	NA	
		12.5	38.7	427	
TH-4	8/7/13	5	0.0	NA	
		9	223	1,350	
TH-5	8/7/13	6.5	0.0	NA	
		10	0.0	NA	
		11.5	0.0	102	
TH-6	8/7/13	6	0.0	NA	
		9	0.0	NA	
		11	0.0	NA	

NA - NOT ANALYZED

Laboratory Analytical Results					
Sample ID	Date	Depth (ft)	Benzene (mg/kg)	Total BTEX (mg/kg)	
		NMOCD ACTION LEVEL		10	50
TH-1	8/7/13	12.5	<0.050	<0.25	
TH-4	8/7/13	9	<0.050	<0.25	

ALL SAMPLES WERE ANALYZED PER EPA METHOD 8021B.

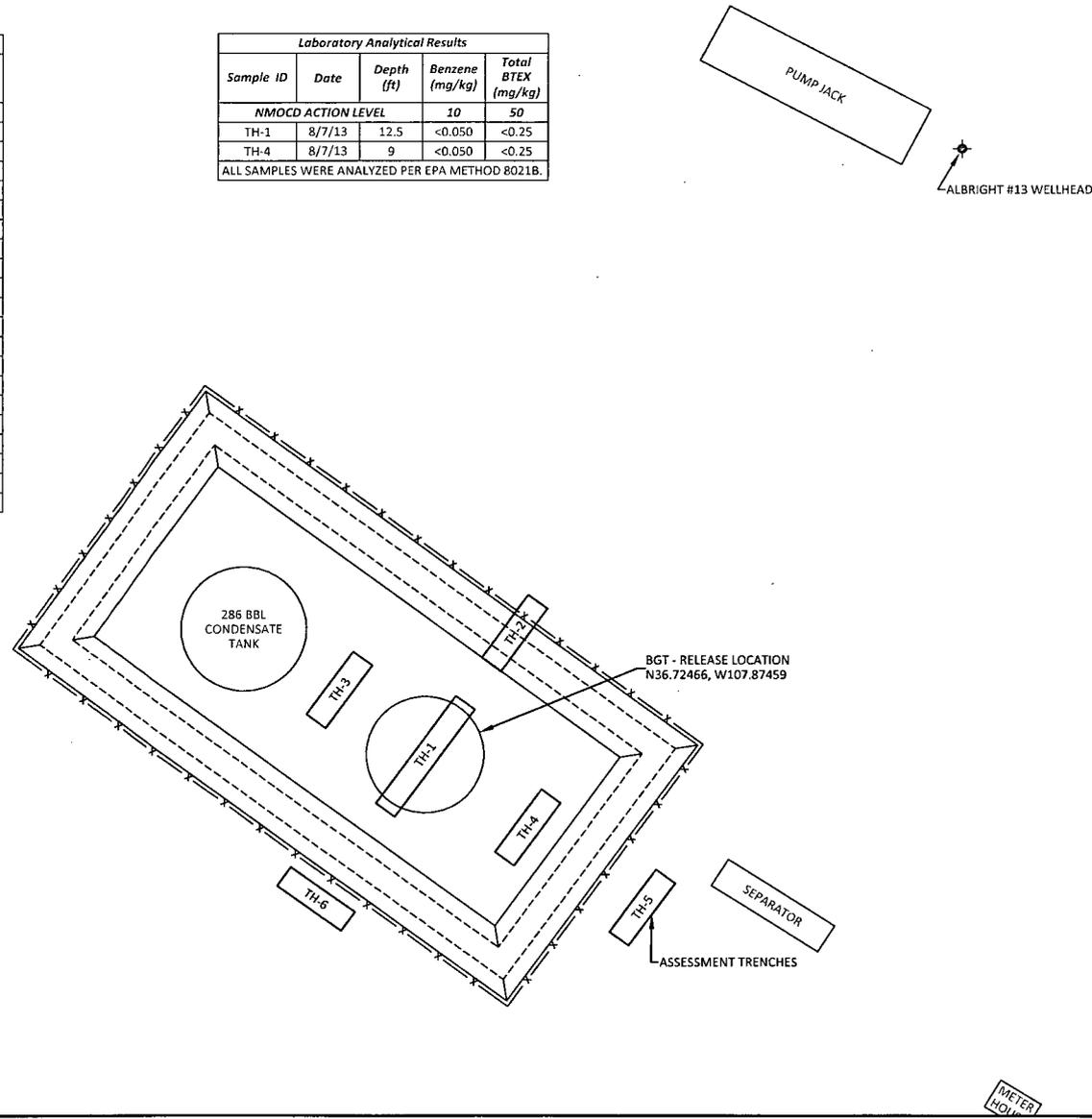


FIGURE 3

INITIAL ASSESSMENT SAMPLE LOCATIONS AND RESULTS AUGUST 2013
 ConocoPhillips
 ALBRIGHT #13
 NE 1/4 SW 1/4, SECTION 15, T29N, R10W
 SAN JUAN COUNTY, NEW MEXICO
 N36.72467, W107.87437



Animas Environmental Services, LLC

DRAWN BY: C. Lameman	DATE DRAWN: August 7, 2013
REVISIONS BY: C. Lameman	DATE REVISED: August 7, 2013
CHECKED BY: D. Watson	DATE CHECKED: August 7, 2013
APPROVED BY: E. McNally	DATE APPROVED: August 7, 2013

LEGEND

- SAMPLE LOCATIONS
- ==== SECONDARY CONTAINMENT BERM
- x- FENCE

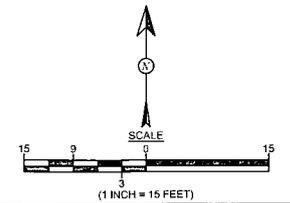


FIGURE 4

FINAL EXCAVATION SAMPLE LOCATIONS AND RESULTS AUGUST 2013
 ConocoPhillips
 ALBRIGHT #13
 NE ¼, SW ¼, SECTION 15, T29N, R10W
 SAN JUAN COUNTY, NEW MEXICO
 N36.72467, W107.87437

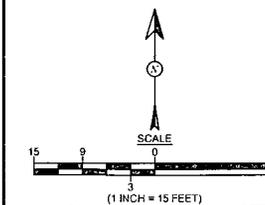


Animas Environmental Services, LLC

DRAWN BY: C. Lameman	DATE DRAWN: August 7, 2013
REVISIONS BY: C. Lameman	DATE REVISED: August 7, 2013
CHECKED BY: D. Watson	DATE CHECKED: August 7, 2013
APPROVED BY: E. McNally	DATE APPROVED: August 7, 2013

LEGEND

- SAMPLE LOCATIONS
- ═══ SECONDARY CONTAINMENT BERM
- x-x- FENCE

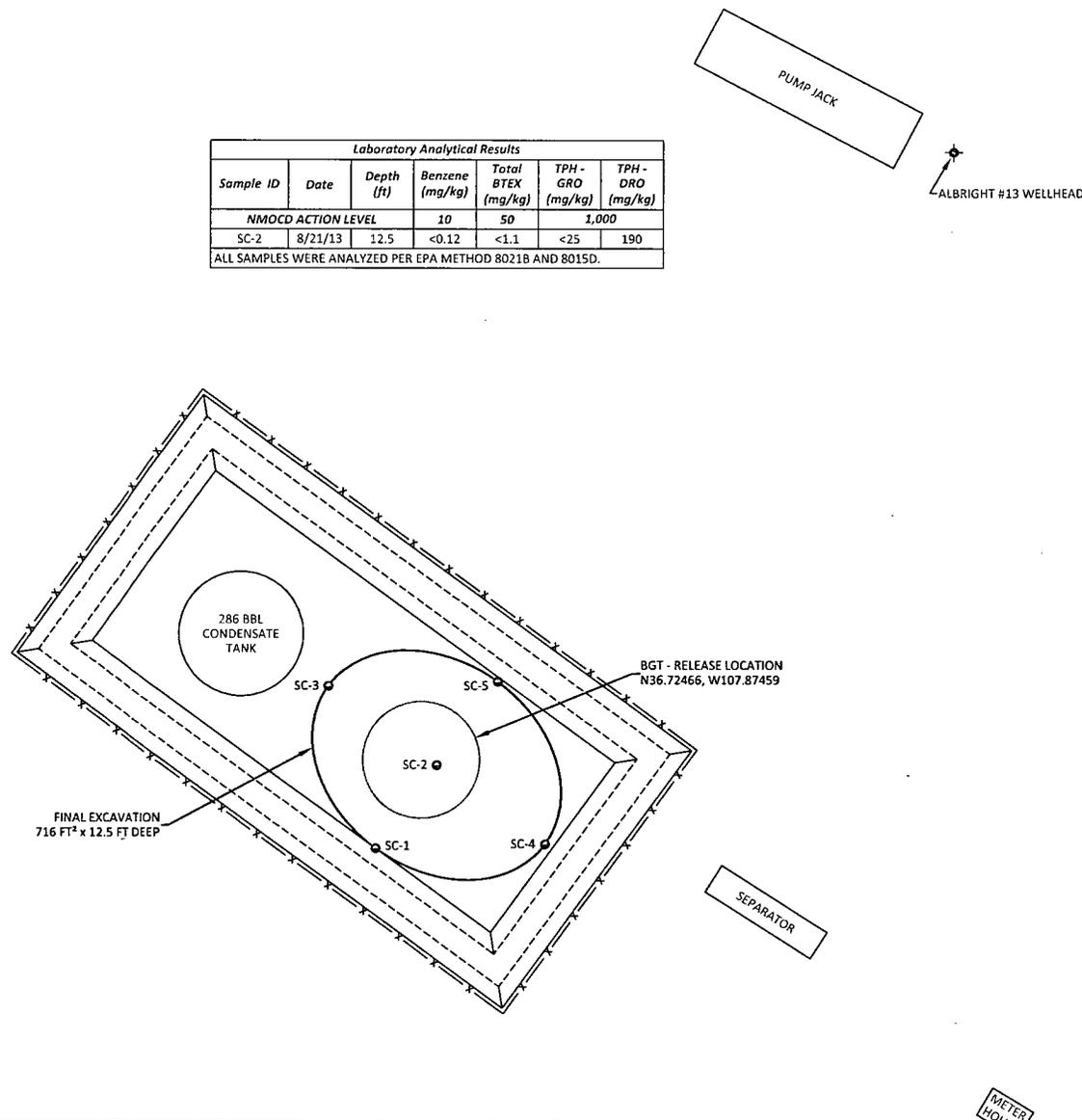


Field Screening Results				
Sample ID	Date	Depth (ft)	OVM-PID (ppm)	TPH (mg/kg)
NMOCD ACTION LEVEL			100	1,000
SC-1	8/21/13	1 to 12.5	1.9	213
SC-2	8/21/13	12.5	233	1,030
SC-3	8/21/13	1 to 12.5	0.0	151
SC-4	8/21/13	1 to 12.5	0.0	164
SC-5	8/21/13	1 to 12.5	0.0	165

ALL SAMPLES WERE COMPOSITE SAMPLES.

Laboratory Analytical Results						
Sample ID	Date	Depth (ft)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)
NMOCD ACTION LEVEL			10	50	1,000	
SC-2	8/21/13	12.5	<0.12	<1.1	<25	190

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



PUMP JACK

ALBRIGHT #13 WELLHEAD

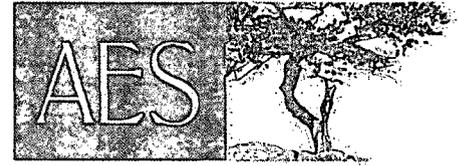
BGT - RELEASE LOCATION
 N36.72466, W107.87459

SEPARATOR

FINAL EXCAVATION
 716 FT² x 12.5 FT DEEP

METER SCALE

AES Field Screening Report



Animas Environmental Services, LLC

www.animasenvironmental.com

Client: ConocoPhillips

Project Location: Albright #13

Date: 8/7/2013

Matrix: Soil

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

Durango, Colorado
970-403-3084

Sample ID	Collection Date	Time of Sample Collection	OVM (ppm)	Field TPH Analysis Time	Field TPH* (mg/kg)	TPH PQL (mg/kg)	DF	TPH Analysts Initials
TH-1 @ 5'	8/7/2013	9:13	1,167	Not Analyzed for TPH				
TH-1 @ 7.5'	8/7/2013	9:17	928	Not Analyzed for TPH				
TH-1 @ 10.5'	8/7/2013	9:22	443	9:38	>2,500	20.0	1	HMW
TH-1 @ 12.5'	8/7/2013	9:48	205	10:10	501	20.0	1	HMW
TH-2 @ 2'	8/7/2013	9:58	0.0	Not Analyzed for TPH				
TH-2 @ 4.5'	8/7/2013	10:01	0.0	Not Analyzed for TPH				
TH-2 @ 10.5'	8/7/2013	10:06	0.0	Not Analyzed for TPH				
TH-2 @ 13'	8/7/2013	10:15	0.0	10:45	95.5	20.0	1	HMW
TH-3 @ 4'	8/7/2013	10:28	0.0	Not Analyzed for TPH				
TH-3 @ 8'	8/7/2013	10:31	0.0	Not Analyzed for TPH				
TH-3 @ 12.5'	8/7/2013	10:40	38.7	12:38	427	20.0	1	HMW
TH-4 @ 5'	8/7/2013	10:49	0.0	Not Analyzed for TPH				
TH-4 @ 9'	8/7/2013	10:55	223	12:41	1,350	20.0	1	HMW
TH-5 @ 6.5'	8/7/2013	11:02	0.0	Not Analyzed for TPH				
TH-5 @ 10'	8/7/2013	11:10	0.0	Not Analyzed for TPH				
TH-5 @ 11.5'	8/7/2013	11:16	0.0	12:04	102	20.0	1	HMW
TH-6 @ 6'	8/7/2013	11:34	0.0	Not Analyzed for TPH				
TH-6 @ 9'	8/7/2013	11:40	0.0	Not Analyzed for TPH				
TH-6 @ 11'	8/7/2013	11:50	0.0	Not Analyzed for TPH				

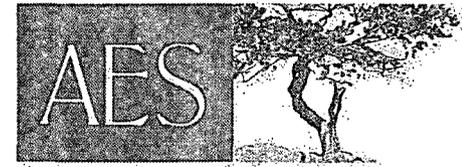
PQL Practical Quantitation Limit
 ND Not Detected at the Reporting Limit
 NA Not Analyzed
 DF Dilution Factor

Analyst:

Leather M. Woods

*Field TPH concentrations recorded may be below PQL.

AES Field Screening Report



Animas Environmental Services, LLC

www.animasenvironmental.com

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

Durango, Colorado
970-403-3084

Client: ConocoPhillips

Project Location: Albright #13

Date: 8/21/2013

Matrix: Soil

Sample ID	Collection Date	Time of Sample Collection	Sample Location	OVM (ppm)	Field TPH Analysis Time	Field TPH* (mg/kg)	TPH PQL (mg/kg)	DF	TPH Analysts Initials
SC-1	8/21/2013	10:56	South Wall	1.9	11:36	213	20.0	1	HMW
SC-2	8/21/2013	10:58	Base	233	11:39	1,030	20.0	1	HMW
SC-3	8/21/2013	12:03	West Wall	0.0	12:16	151	20.0	1	HMW
SC-4	8/21/2013	11:02	East Wall	0.0	11:44	164	20.0	1	HMW
SC-5	8/21/2013	11:04	North Wall	0.0	11:47	165	20.0	1	HMW

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

*Field TPH concentrations recorded may be below PQL.

Total Petroleum Hydrocarbons - USEPA 418.1

Analyst:

Heather M. Woods



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

August 15, 2013

Debbie Watson
Animas Environmental
624 East Comanche
Farmington, NM 87401
TEL: (505) 486-4071
FAX

RE: COP Albright #13

OrderNo.: 1308354

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 2 sample(s) on 8/8/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. 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. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: TH-1@12.5

Project: COP Albright #13

Collection Date: 8/7/2013 9:48:00 AM

Lab ID: 1308354-001

Matrix: MEOH (SOIL)

Received Date: 8/8/2013 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	8/12/2013 11:17:56 PM	R12570
Toluene	ND	0.050		mg/Kg	1	8/12/2013 11:17:56 PM	R12570
Ethylbenzene	ND	0.050		mg/Kg	1	8/12/2013 11:17:56 PM	R12570
Xylenes, Total	ND	0.10		mg/Kg	1	8/12/2013 11:17:56 PM	R12570
Surr: 4-Bromofluorobenzene	103	80-120		%REC	1	8/12/2013 11:17:56 PM	R12570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: TH-4@9

Project: COP Albright #13

Collection Date: 8/7/2013 10:55:00 AM

Lab ID: 1308354-002

Matrix: MEOH (SOIL)

Received Date: 8/8/2013 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES							Analyst: DAM
Benzene	ND	0.050		mg/Kg	1	8/9/2013 9:59:11 PM	R12521
Toluene	ND	0.050		mg/Kg	1	8/9/2013 9:59:11 PM	R12521
Ethylbenzene	ND	0.050		mg/Kg	1	8/9/2013 9:59:11 PM	R12521
Xylenes, Total	0.62	0.10		mg/Kg	1	8/9/2013 9:59:11 PM	R12521
Surr: 4-Bromofluorobenzene	161	80-120	S	%REC	1	8/9/2013 9:59:11 PM	R12521

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1308354

15-Aug-13

Client: Animas Environmental

Project: COP Albright #13

Sample ID MB-8783	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: R12521		RunNo: 12521							
Prep Date: 8/8/2013	Analysis Date: 8/9/2013		SeqNo: 357149		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

Sample ID LCS-8783	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: R12521		RunNo: 12521							
Prep Date: 8/8/2013	Analysis Date: 8/9/2013		SeqNo: 357153		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.050	1.000	0	91.3	80	120			
Toluene	0.90	0.050	1.000	0	90.5	80	120			
Ethylbenzene	0.91	0.050	1.000	0	91.0	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.8	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		105	80	120			

Sample ID MB-8800	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: R12570		RunNo: 12570							
Prep Date: 8/9/2013	Analysis Date: 8/12/2013		SeqNo: 358141		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			

Sample ID LCS-8800	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: R12570		RunNo: 12570							
Prep Date: 8/9/2013	Analysis Date: 8/12/2013		SeqNo: 358142		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.050	1.000	0	102	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	103	80	120			
Xylenes, Total	3.1	0.10	3.000	0	104	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		105	80	120			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: **Animas Environmental**

Work Order Number: **1308354**

RcptNo: **1**

Received by/date: *LM*

08/08/13

Logged By: **Ashley Gallegos**

8/8/2013 9:55:00 AM

AG

Completed By: **Ashley Gallegos**

8/8/2013 12:54:13 PM

AG

Reviewed By: *IO*

08/08/13

Chain of Custody

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

Log In

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

Special Handling (if applicable)

- 16. Was client notified of all discrepancies with this order? Yes No NA

Person Notified: _____ Date: _____
 By Whom: _____ Via: eMail Phone Fax In Person
 Regarding: _____
 Client Instructions: _____

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.4	Good	Yes			



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

August 23, 2013

Debbie Watson
Animas Environmental
624 East Comanche
Farmington, NM 87401
TEL: (505) 486-4071
FAX

RE: CoP Albright #13

OrderNo.: 1308A11

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 8/22/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. 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. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-2

Project: CoP Albright #13

Collection Date: 8/21/2013 10:58:00 AM

Lab ID: 1308A11-001

Matrix: MEOH (SOIL)

Received Date: 8/22/2013 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	190	9.9		mg/Kg	1	8/22/2013 1:20:19 PM	8989
Surr: DNOP	103	63-147		%REC	1	8/22/2013 1:20:19 PM	8989
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	8/22/2013 12:06:15 PM	R12812
Surr: BFB	118	80-120		%REC	5	8/22/2013 12:06:15 PM	R12812
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.12		mg/Kg	5	8/22/2013 12:06:15 PM	R12812
Toluene	ND	0.25		mg/Kg	5	8/22/2013 12:06:15 PM	R12812
Ethylbenzene	ND	0.25		mg/Kg	5	8/22/2013 12:06:15 PM	R12812
Xylenes, Total	ND	0.50		mg/Kg	5	8/22/2013 12:06:15 PM	R12812
Surr: 4-Bromofluorobenzene	107	80-120		%REC	5	8/22/2013 12:06:15 PM	R12812

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1308A11

23-Aug-13

Client: Animas Environmental

Project: CoP Albright #13

Sample ID	LCS-8989	SampType:	LCS	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	8989	RunNo:	12805					
Prep Date:	8/22/2013	Analysis Date:	8/22/2013	SeqNo:	365281	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	89.8	77.1	128			
Surr: DNOP	5.0		5.000		100	63	147			

Sample ID	MB-8989	SampType:	MBLK	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	8989	RunNo:	12805					
Prep Date:	8/22/2013	Analysis Date:	8/22/2013	SeqNo:	365282	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	8.5		10.00		85.0	63	147			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1308A11

23-Aug-13

Client: Animas Environmental

Project: CoP Albright #13

Sample ID	MB-8970 MK	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	R12812	RunNo:	12812					
Prep Date:		Analysis Date:	8/22/2013	SeqNo:	365620	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	980		1000		97.9	80	120			

Sample ID	LCS-8970 MK	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	R12812	RunNo:	12812					
Prep Date:		Analysis Date:	8/22/2013	SeqNo:	365621	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.0	74.5	126			
Surr: BFB	1000		1000		104	80	120			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1308A11

23-Aug-13

Client: Animas Environmental

Project: CoP Albright #13

Sample ID	MB-8970 MK	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	R12812	RunNo:	12812					
Prep Date:		Analysis Date:	8/22/2013	SeqNo:	365732	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		108	80	120			

Sample ID	LCS-8970 MK	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	R12812	RunNo:	12812					
Prep Date:		Analysis Date:	8/22/2013	SeqNo:	365733	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.050	1.000	0	93.8	80	120			
Toluene	0.95	0.050	1.000	0	94.5	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.0	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.9	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		109	80	120			

Qualifiers:

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



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Sample Log-In Check List

Client Name: Animas Environmental

Work Order Number: 1308A11

RcptNo: 1

Received by/date: MG 08/22/13

Logged By: **Lindsay Mangin** 8/22/2013 10:00:00 AM *Lindsay Mangin*

Completed By: **Lindsay Mangin** 8/22/2013 10:10:53 AM *Lindsay Mangin*

Reviewed By: IO 08/22/2013

Chain of Custody

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

Log In

- 4. Was an attempt made to cool the samples? Yes No NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
- 6. Sample(s) in proper container(s)? Yes No
- 7. Sufficient sample volume for indicated test(s)? Yes No
- 8. Are samples (except VOA and ONG) properly preserved? Yes No
- 9. Was preservative added to bottles? Yes No NA
- 10. VOA vials have zero headspace? Yes No No VOA Vials
- 11. Were any sample containers received broken? Yes No

of preserved bottles checked for pH: _____
 (<2 or >12 unless noted)
 Adjusted? _____
 Checked by: _____

- 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes No
- 13. Are matrices correctly identified on Chain of Custody? Yes No
- 14. Is it clear what analyses were requested? Yes No
- 15. Were all holding times able to be met? (If no, notify customer for authorization.) Yes No

Special Handling (if applicable)

- 16. Was client notified of all discrepancies with this order? Yes No NA

Person Notified: _____ Date: _____
 By Whom: _____ Via: eMail Phone Fax In Person
 Regarding: _____
 Client Instructions: _____

17. Additional remarks:

18. Cooler Information

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

