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 August 8, 2011

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	Contact **Lindsay Dumas**
Address 3401 East 30th St, Farmington, NM	Telephone No.(505) 599-4089
Facility Name: **San Juan 28-5 Unit 89N**	Facility Type: **Gas Well**

Surface Owner **BLM**	Mineral Owner **BLM (NMSF079250)**	API No.**30-039-27696**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	**10**	**28N**	**05W**	**1105**	**FSL**	**2405**	**FWL**	**Rio Arriba**

Latitude 36.67149 Longitude -107.34678

NATURE OF RELEASE

Type of Release **Produced Water**	Volume of Release **5 BBL**	Volume Recovered **4.5 BBL**
Source of Release **Pit**	Date and Hour of Occurrence **12/4/13**	Date and Hour of Discovery **12/5/13 2:00 PM**
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

OIL CONS. DIV DIST. 3

MAY 20 2014

Describe Cause of Problem and Remedial Action Taken.*
Pit overflowed, well was shut in immediately.

Describe Area Affected and Cleanup Action Taken.*
Excavation was 30' x 30' x 12' Deep. 290 c/yds of soil was transported to IEI Land Farm and 290 c/yds of clean soil was transported from Aztec Machine, and placed in the excavation site. Analytical results were below the regulatory standards – no further action required. The soil sampling 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: Lindsay Dumas	OIL CONSERVATION DIVISION
Printed Name: **Lindsay Dumas**	Approved by Environmental Specialist:
Title: **Field Environmental Specialist**	Approval Date: 6/2/14 Expiration Date:
E-mail Address: **Lindsay.Dumas@conocophillips.com**	Conditions of Approval: Attached ☐
Date: 5/16/14 Phone: (505) 599-4089	

* Attach Additional Sheets If Necessary

#NCS 1415329057

28

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

April 28, 2014

Lindsay Dumas
ConocoPhillips
San Juan Business Unit
Office 214-07
5525 Hwy 64
Farmington, New Mexico 87401

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

RE: Initial Release Assessment and Final Excavation Report
San Juan 28-5 #89N
Rio Arriba County, New Mexico

Dear Ms. Dumas:

On December 16, 2013, and February 13 and 20, 2014, Animas Environmental Services, LLC (AES) completed an initial release assessment and environmental clearance of the final excavation limits at the ConocoPhillips (CoP) San Juan 28-5 #89N, located in Rio Arriba County, New Mexico. The release consisted of approximately 5 barrels (bbls) of produced water and condensate from the onsite below grade tank (BGT). The initial release assessment was completed by AES on December 16, 2013, and the final excavation was completed by CoP contractors while AES' personnel were at the location on February 13 and 20, 2014.

1.0 Site Information

1.1 Location

Location – SE¼ SW¼, Section 10, T28N, R5W, Rio Arriba County, New Mexico
Well Head Latitude/Longitude – N36.67150 and W107.34740, respectively
Release Location Latitude/Longitude – N36.67139 and W107.34718, respectively
Land Jurisdiction – Bureau of Land Management (BLM)
Figure 1. Topographic Site Location Map
Figure 2. Aerial Site Map, December 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 cathodic report dated May 1991 for the San Juan 28-5 Unit #19, located approximately 1,620 feet west of the location and 30 feet lower in elevation, reported the depth to groundwater at 80 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 unnamed wash which drains to the wash in Gobernador Canyon is located approximately 780 feet to the west. (10 points)

1.3 Assessment

AES was initially contacted by Lindsay Dumas of CoP on December 10, 2013, and on December 16, 2013, Debbie Watson and Jesse Christopherson of AES completed the release assessment field work. The assessment included collection and field sampling of nine soil samples and one composite sample from five soil borings in and around the release area. All soil borings were terminated at the surface due to frozen soil conditions, except SB-1 which was terminated at 5 feet bgs. Based on the field sampling results, AES recommended further excavation of the release area. Sample locations are shown on Figure 3.

On February 13, 2014, AES personnel returned to the location to collect confirmation soil samples of the excavation. The field sampling activities included collection of five confirmation soil samples (SC-2 through SC-6) from the walls and base of the excavation. The area of the final excavation measured approximately 31 feet by 25.5 feet by 12 to 14 feet in depth. The vertical extent of the excavation was limited due to a confining sandstone layer between 12 and 14 feet bgs. A final confirmation soil sample (SC-7) from the base was collected on February 20, 2014, following application of potassium permanganate. Sample locations and final excavation extents are presented on Figure 4.

2.0 Soil Sampling

A total of nine soil samples from five borings (SB-1 through SB-5) and seven composite samples (SC-1 through SC-7) were collected during the assessments. All soil samples were field screened for volatile organic compounds (VOCs), and selected samples were also analyzed for total petroleum hydrocarbons (TPH). Two composite samples (SC-1 and SC-6) collected during the assessments were submitted for confirmation laboratory analysis.

2.1 Field Sampling

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 U.S. Environmental Protection Agency (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. All soil samples were laboratory analyzed for:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per USEPA Method 8021B.

Sample SC-1 was also laboratory analyzed for:

- Chloride per USEPA Method 300.0.

Soil sample SC-6 was also laboratory analyzed for:

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

2.3 Field and Laboratory Analytical Results

On December 16, 2013, initial assessment field screening results for VOCs via OVM showed concentrations ranging from 38.5 ppm in SB-3 up to 1,828 ppm in SB-1. Field TPH concentrations ranged from 55.6 mg/kg in SB-3 to greater than 2,700 mg/kg in SB-1.

On February 13 and 20, 2014, excavation field screening results for VOCs via OVM ranged from 0.9 ppm in SC-4 up to 3,264 ppm in SC-6. Field TPH concentrations ranged

from less than 20.0 mg/kg in SC-4 up to 2,590 mg/kg in SC-6. Results are included below in Table 1 and on Figures 3 and 4. The AES Field Sampling Reports are attached.

Table 1. Soil Field Sampling VOCs and TPH Results
San Juan 28-5 #89N Initial Release Assessment and Final Excavation
December 2013 and February 2014

Sample ID	*Date Sampled*	*Sample Depth (ft bgs)*	*VOCs via OVM (ppm)*	*TPH 418.1 (mg/kg)*
NMOCD Action Level*			***100***	***1,000***
SB-1	12/16/13	Surface	**1,749**	NA
		1	**1,735**	NA
		2	**1,742**	**2,540**
		4	**1,514**	NA
		5	**1,828**	**>2,700**
SB-2	12/16/13	Surface	**1,376**	NA
SB-3	12/16/13	Surface	38.5	55.6
SB-4	12/16/13	Surface	99.6	NA
SB-5	12/16/13	Surface	**1,386**	NA
SC-1	12/16/13	Surface	NA	NA
SC-2	02/13/14	1 to 12	5.6	23.0
SC-3	02/13/14	1 to 14	65.7	45.8
SC-4	02/13/14	1 to 14	0.9	<20.0
SC-5	02/13/14	1 to 12	20.1	20.3
SC-6	02/13/14	12 to 14	**3,264**	**2,590**
SC-7	02/20/14	12 to 14	38.5	103

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

Laboratory analyses for SC-1 were used to confirm field sampling results of the initial release assessment. The benzene concentration was reported at 0.28 mg/kg, and the total BTEX concentration was reported at 46.7 mg/kg. The laboratory chloride concentration was reported at 260 mg/kg.

Laboratory analyses for SC-6 were used to confirm field sampling results from the final excavation. Benzene concentration was reported as less than 0.33 mg/kg, and the total

BTEX concentration was reported at 55.0 mg/kg. TPH concentrations as GRO/DRO in SC-6 were reported at 2,180 mg/kg. Results are presented in Table 2 and on Figures 3 and 4. The laboratory analytical reports are attached.

Table 2. Soil Laboratory Analytical Results – Benzene, Total BTEX, TPH, and Chlorides
San Juan 28-5 #89N Initial Release Assessment and Final Excavation
December 2013 and February 2014

Sample ID	Date Sampled	Sample Depth (ft bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	Chloride (mg/kg)
NMOCD Action Level*			***10***	***50***	***1,000***		***NE***
SC-1	12/16/13	0.5	0.28	46.7	NA	NA	260
SC-6	2/13/14	12 to 14	<0.33	**55.0**	**1,200**	**980**	NA

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

3.0 Conclusions and Recommendations

On December 16, 2013, AES conducted an initial assessment of petroleum contaminated soils associated with a release of approximately 5 bbls of produced water and condensate from a BGT at the San Juan 28-5 #89N. Action levels for releases are determined by the NMOCD ranking score per *NMOCD Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993), and the site was assigned a rank of 10.

Initial assessment field sampling results above the NMOCD action level of 100 ppm VOCs and 1,000 mg/kg TPH were reported in SB-1, SB-2, and SB-5. The highest VOC concentration was reported in SB-1 with 1,828 ppm, and the highest TPH concentration was also reported in SB-1 with greater than 2,700 mg/kg. Laboratory analytical results for SC-1 were used to confirm field sampling results. Benzene and total BTEX concentrations were reported below the NMOCD action levels of 10 mg/kg and 50 mg/kg, respectively. The chloride concentration was reported at 260 mg/kg. Based on the field sampling results from the initial assessment, a release was confirmed and excavation of the release area was recommended.

On February 13, 2014, final excavation of the impacted area was completed. Field screening results of the excavation extents showed that VOC concentrations were below applicable NMOCD action levels for the final sidewalls of the excavation; however, the base remained above applicable NMOCD action levels with a VOC concentration of 3,264 ppm. Field TPH concentrations were reported below the NMOCD action level of

1,000 mg/kg in all final sidewalls; however, the base exceeded the NMOCD action level for TPH with 2,590 mg/kg. Laboratory analytical results from February 13, 2014, reported benzene concentrations in SC-6 below NMOCD action levels, while total BTEX and TPH concentrations as GRO/DRO remained above the applicable NMOCD action level. Potassium permanganate was applied to the base of the excavation, and an additional confirmation sample (SC-7) was collected by AES on February 20, 2014. Field sampling results for SC-7 reported VOC and TPH concentrations below applicable NMOCD action levels for the base of the excavation.

Based on final field sampling and laboratory analytical results of the excavation of petroleum contaminated soils at the San Juan 28-5 #89N, VOC, benzene, total BTEX, and TPH concentrations were below applicable NMOCD action levels for all of the final 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,

Emilee Skyles
Staff Geologist

Elizabeth McNally, PE

Attachments:

- Figure 1. Topographic Site Location Map
- Figure 2. Aerial Site Map, December 2013
- Figure 3. Initial Assessment Sample Locations and Results, December 2013
- Figure 4. Final Excavation Sample Locations and Results, February 2014
- AES Field Sampling Report 121613
- AES Field Sampling Report 021314
- AES Field Sampling Report 022014
- Hall Laboratory Analytical Report 1312A05
- Hall Laboratory Analytical Report 1402550

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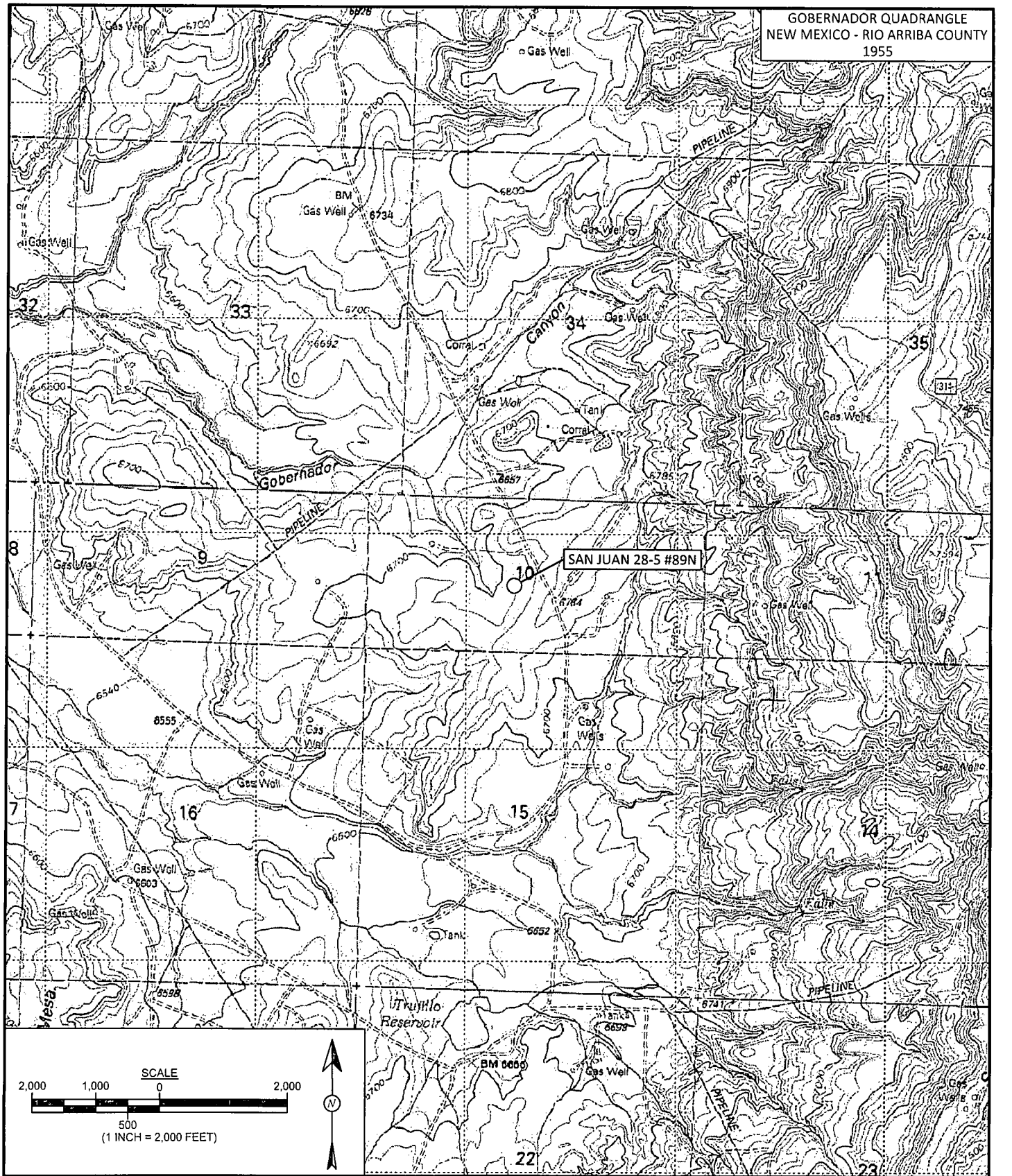
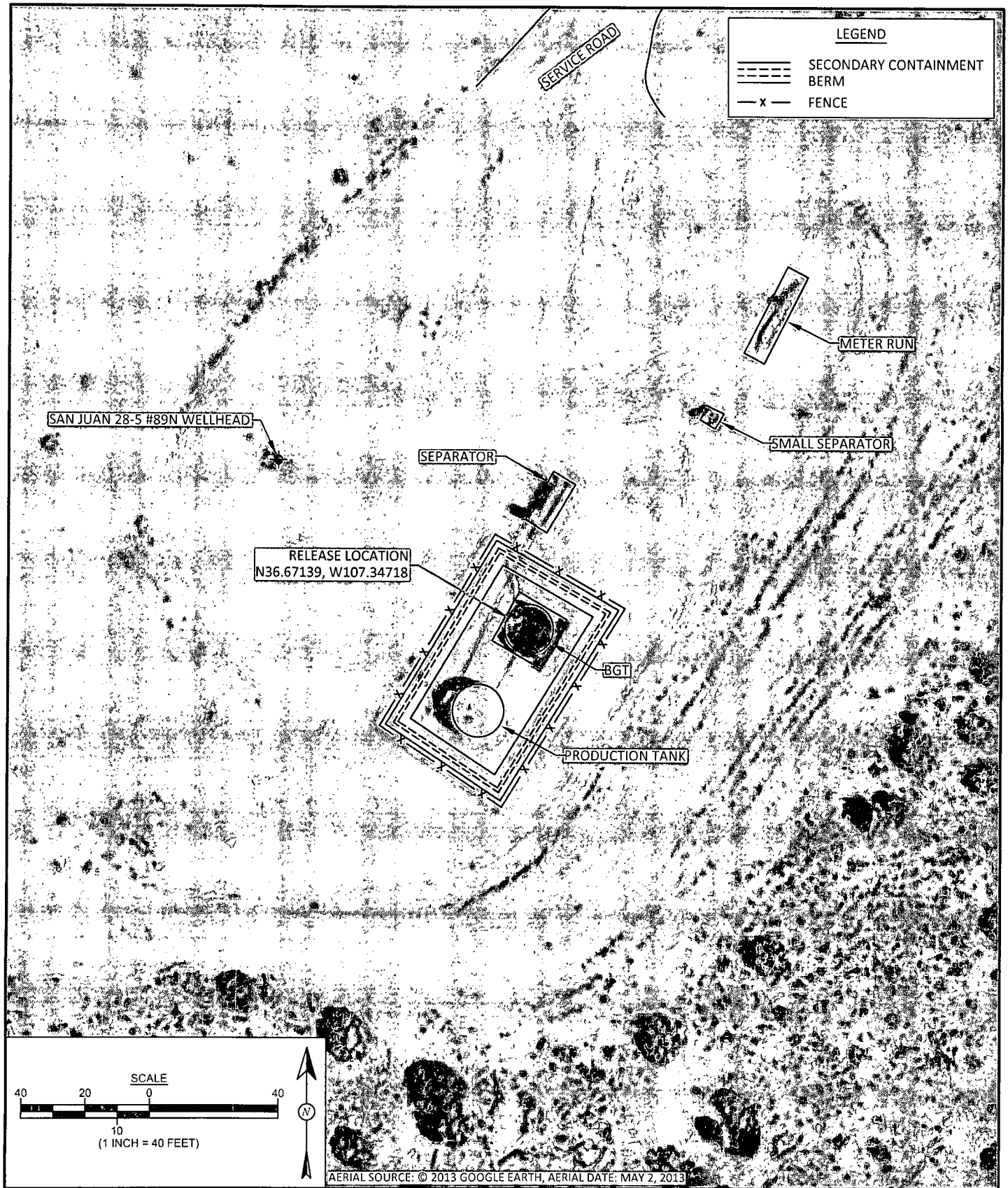


Animas Environmental Services, LLC

DRAWN BY: S. Glasses	**DATE DRAWN:** December 17, 2013	**FIGURE 1**
REVISIONS BY: C. Lameman	**DATE REVISED:** February 18, 2014	**TOPOGRAPHIC SITE LOCATION MAP**
CHECKED BY: D. Watson	**DATE CHECKED:** February 18, 2014	ConocoPhillips SAN JUAN 28-5 #89N SE¼ SW¼, SECTION 10, T28N, R5W RIO ARRIBA COUNTY, NEW MEXICO N36.67150, W107.34740
APPROVED BY: E. McNally	**DATE APPROVED:** February 18, 2014	



Animas Environmental Services, LLC

DRAWN BY: S. Glasses	**DATE DRAWN:** December 17, 2013
REVISIONS BY: C. Lameman	**DATE REVISED:** February 18, 2014
CHECKED BY: D. Watson	**DATE CHECKED:** February 18, 2014
APPROVED BY: E. McNally	**DATE APPROVED:** February 18, 2014

FIGURE 2

AERIAL SITE MAP
DECEMBER 2013
ConocoPhillips
SAN JUAN 28-5 #89N
SE¼ SW¼, SECTION 10, T28N, R5W
RIO ARRIBA COUNTY, NEW MEXICO
N36.67150, W107.34740

FIGURE 3

INITIAL ASSESSMENT SAMPLE LOCATIONS AND RESULTS
DECEMBER 2013
ConocoPhillips
SAN JUAN 28-5 #89N
SE¼ SW¼, SECTION 10, T28N, R5W
RIO ARRIBA COUNTY, NEW MEXICO
N36.67150, W107.34740

Animas Environmental Services, LLC

DRAWN BY:	DATE DRAWN:
C. Lameman	December 19, 2013
REVISIONS BY:	**DATE REVISED:**
C. Lameman	February 18, 2014
CHECKED BY:	**DATE CHECKED:**
D. Watson	February 18, 2014
APPROVED BY:	**DATE APPROVED:**
E. McNally	February 18, 2014

Field Sampling Results

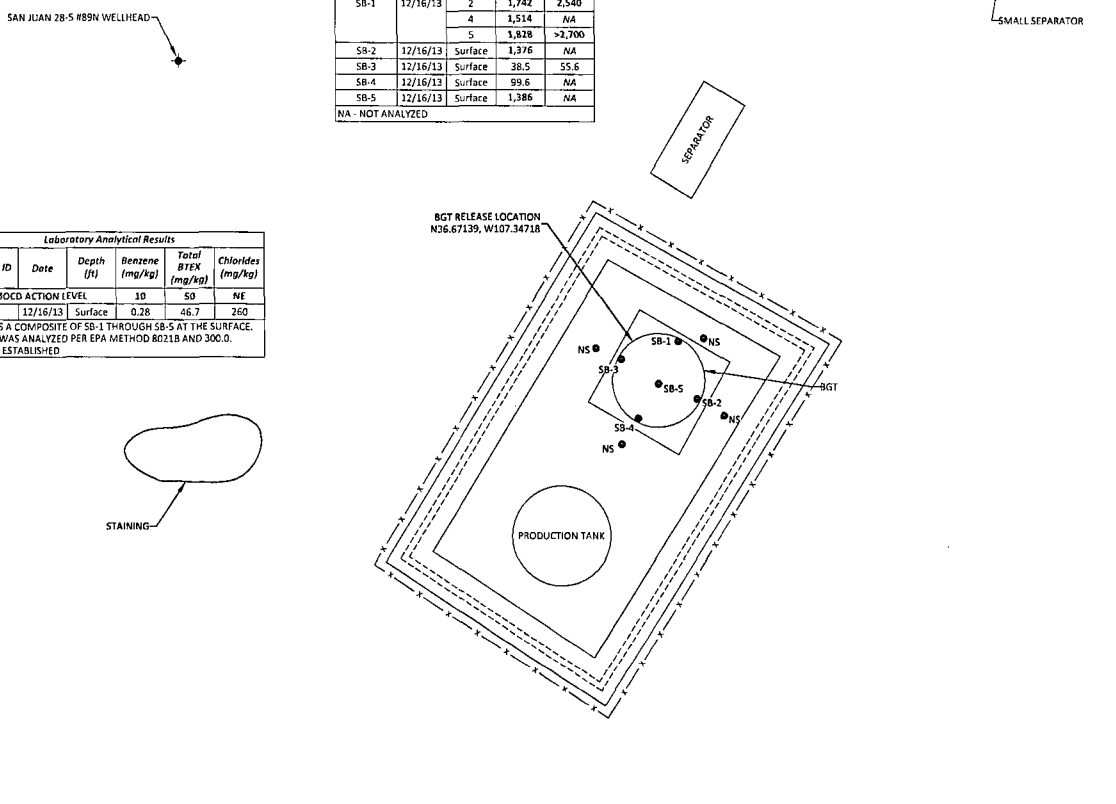
Sample ID	Date	Depth (ft)	OVM-PID (ppm)	TPH (mg/kg)
NMOCD ACTION LEVEL			100	1,000
SB-1	12/16/13	Surface	1,749	NA
		1	1,735	NA
		2	1,742	2,540
		4	1,514	NA
		5	1,828	>2,700
SB-2	12/16/13	Surface	1,376	NA
SB-3	12/16/13	Surface	38.5	55.6
SB-4	12/16/13	Surface	99.6	NA
SB-5	12/16/13	Surface	1,386	NA

NA - NOT ANALYZED

Laboratory Analytical Results

Sample ID	Date	Depth (ft)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
NMOCD ACTION LEVEL			10	50	NE
SC-1	12/16/13	Surface	0.28	46.7	260

SC-1 WAS A COMPOSITE OF SB-1 THROUGH SB-5 AT THE SURFACE.
SAMPLE WAS ANALYZED PER EPA METHOD 8021B AND 300.0.
NE - NOT ESTABLISHED



LEGEND

- SAMPLE LOCATIONS
- SECONDARY CONTAINMENT BERM
- —x— FENCE
- NS — NO SAMPLE COLLECTED AUGER REFUSAL AT 0.33 FEET

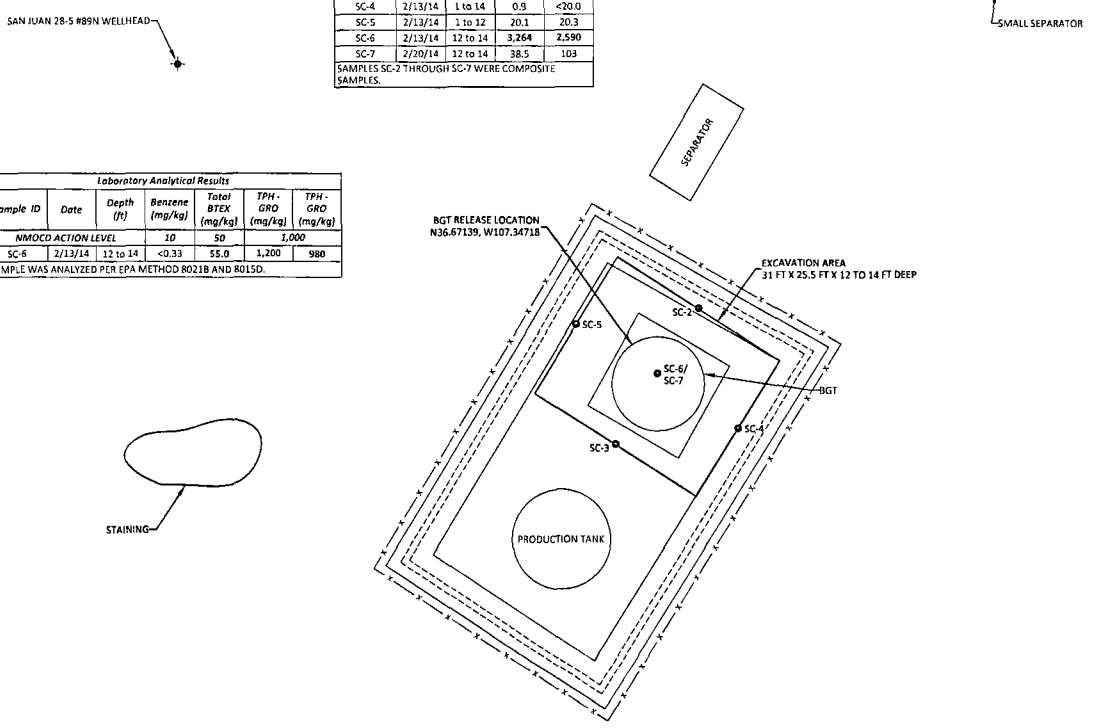
SCALE
15 9 0 15
(1 INCH = 15 FEET)

FIGURE 4

FINAL EXCAVATION SAMPLE LOCATIONS AND RESULTS
FEBRUARY 2014
ConocoPhillips
SAN JUAN 28-5 #89N
SE¼ SW¼, SECTION 10, T28N, R5W
RIO ARRIBA COUNTY, NEW MEXICO
N36.67150, W107.34740

Field Sampling Results				
Sample ID	Date	Depth (ft)	OVM-PID (ppm)	TPH (mg/kg)
NMOCD ACTION LEVEL			100	1,000
SC-2	2/13/14	1 to 12	5.6	23.0
SC-3	2/13/14	1 to 14	65.7	45.8
SC-4	2/13/14	1 to 14	0.9	<20.0
SC-5	2/13/14	1 to 12	20.1	20.3
SC-6	2/13/14	12 to 14	3,264	2,590
SC-7	2/20/14	12 to 14	38.5	103
SAMPLES SC-2 THROUGH SC-7 WERE COMPOSITE SAMPLES.				

Laboratory Analytical Results						
Sample ID	Date	Depth (ft)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - GRO (mg/kg)
NMOCD ACTION LEVEL			10	50	1,000	
SC-6	2/13/14	12 to 14	<0.33	55.0	1,200	980
SAMPLE WAS ANALYZED PER EPA METHOD 8021B AND 8015D.						



Animas Environmental Services, LLC

DRAWN BY:	DATE DRAWN:
C. Lameman	February 18, 2014
REVISIONS BY:	DATE REVISED:
C. Lameman	February 18, 2014
CHECKED BY:	DATE CHECKED:
D. Watson	February 18, 2014
APPROVED BY:	DATE APPROVED:
E. McNally	February 18, 2014

LEGEND

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

SCALE
15 0 15
(1 INCH = 15 FEET)

AES Field Sampling 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: San Juan 28-5 #89N

Date: 12/16/2013

Matrix: Soil

Sample ID	Collection Date	Collection Time	OVM (ppm)	TPH* (mg/kg)	TPH Analysis Time**	TPH PQL (mg/kg)	DF	TPH Analysts Initials
SB-1 @ surface	12/16/2013	12:55	1,749	*Not Analyzed for TPH*				
SB-1 @ 1'	12/16/2013	13:00	1,735	*Not Analyzed for TPH*				
SB-1 @ 2'	12/16/2013	13:05	1,742	2,540	8:39	20.0	1	DAW
SB-1 @ 4'	12/16/2013	13:08	1,514	*Not Analyzed for TPH*				
SB-1 @ 5'	12/16/2013	13:31	1,828	>2,700	14:05	20.0	1	DAW
SB-2 @ surface	12/16/2013	13:19	1,376	*Not Analyzed for TPH*				
SB-3 @ surface	12/16/2013	13:15	38.5	55.6	8:36	20.0	1	DAW
SB-4 @ surface	12/16/2013	13:22	99.6	*Not Analyzed for TPH*				
SB-5 @ surface	12/16/2013	13:40	1,386	*Not Analyzed for TPH*				
SC-1	12/16/2013	14:25	NA	*Not Analyzed for TPH*				

DF	Dilution Factor	Total Petroleum Hydrocarbons - USEPA 418.1
NA	Not Analyzed	
ND	Not Detected at the Reporting Limit	Analyst: Deborah Watson
PQL	Practical Quantitation Limit	

**TPH concentrations recorded may be below PQL.*

*** Samples SB-1@2' and SB-3@surface were analyzed on 12/17/13.*

Report Finalized: 12/16/13

AES Field Sampling 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: San Juan 28-5 #89N

Date: 2/13/2014

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-2	2/13/2014	8:53	North Wall	5.6	9:56	23.0	20.0	1	EMS
SC-3	2/13/2014	8:55	South Wall	65.7	10:02	45.8	20.0	1	EMS
SC-4	2/13/2014	8:57	East Wall	0.9	10:05	19.0	20.0	1	EMS
SC-5	2/13/2014	8:59	West Wall	20.1	10:09	20.3	20.0	1	EMS
SC-6	2/13/2014	10:50	Base	3,264	11:12	2,590	20.0	1	EMS

DF Dilution Factor
NA Not Analyzed
ND Not Detected at the Reporting Limit
PQL Practical Quantitation Limit
**TPH concentrations recorded may be below PQL.*

Total Petroleum Hydrocarbons - USEPA 418.1

Analyst: Emily Sy L

Report Finalized: 2/13/14

AES Field Sampling 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: San Juan 28-5 #89N

Date: 2/20/2014

Matrix: Soil

Sample ID	Collection Date	Time of Sample Collection	Sample Location	OVM (ppm)	TPH Analysis Time	TPH* (mg/kg)	TPH PQL (mg/kg)	DF	TPH Analysts Initials
SC-7	2/20/2014	10:15	Base	38.5	11:08	103	20.0	1	EMS

DF Dilution Factor
NA Not Analyzed
ND Not Detected at the Reporting Limit
PQL Practical Quantitation Limit
**TPH concentrations recorded may be below PQL.*

Total Petroleum Hydrocarbons - USEPA 418.1

Analyst: Emily Sy

Report Finalized: 2/20/14

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

January 02, 2014

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

RE: COP San Juan 28-5 #89N OrderNo.: 1312A05

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 12/18/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. 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 qualifers 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1312A05**
Date Reported: **1/2/2014**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental
Project: COP San Juan 28-5 #89N
Lab ID: 1312A05-001 **Matrix:** SOIL

Client Sample ID: SC-1
Collection Date: 12/16/2013 2:25:00 PM
Received Date: 12/18/2013 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.28	0.050		mg/Kg	1	12/24/2013 1:38:00 PM	10957
Toluene	4.8	0.050		mg/Kg	1	12/24/2013 1:38:00 PM	10957
Ethylbenzene	2.6	0.050		mg/Kg	1	12/24/2013 1:38:00 PM	10957
Xylenes, Total	39	0.99		mg/Kg	10	12/26/2013 1:55:35 PM	10957
Surr: 4-Bromofluorobenzene	115	80-120		%REC	10	12/26/2013 1:55:35 PM	10957
EPA METHOD 300.0: ANIONS						Analyst: **SRM**	
Chloride	260	30		mg/Kg	20	12/23/2013 12:09:22 PM	10954

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

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#: **1312A05**

02-Jan-14

Client: Animas Environmental

Project: COP San Juan 28-5 #89N

Sample ID **MB-10954**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **10954**	RunNo: **15706**
Prep Date: **12/23/2013**	Analysis Date: **12/23/2013**	SeqNo: **452924** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID **LCS-10954**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **10954**	RunNo: **15706**
Prep Date: **12/23/2013**	Analysis Date: **12/23/2013**	SeqNo: **452925** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.3	90	110			

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#: **1312A05**

02-Jan-14

Client: Animas Environmental

Project: COP San Juan 28-5 #89N

Sample ID **MB-10957**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **10957**	RunNo: **15727**
Prep Date: **12/23/2013**	Analysis Date: **12/24/2013**	SeqNo: **453911** 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	0.99		1.000		99.4	80	120			

Sample ID **LCS-10957**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **10957**	RunNo: **15727**
Prep Date: **12/23/2013**	Analysis Date: **12/24/2013**	SeqNo: **453912** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.050	1.000	0	108	80	120			
Toluene	1.0	0.050	1.000	0	104	80	120			
Ethylbenzene	1.1	0.050	1.000	0	106	80	120			
Xylenes, Total	3.1	0.10	3.000	0	105	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	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

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: 1312A05 RcptNo: 1

Received by/date: MG 12/18/13

Logged By: Anne Thorne 12/18/2013 10:00:00 AM Anne Thorne

Completed By: Anne Thorne 12/20/2013 Anne Thorne

Reviewed By: 12/23/13

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

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

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

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

Person Notified: _____ Date _____

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

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. Cooler Information

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

Chain-of-Custody Record

Client: Animas Environmental Services LLC

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: CoP San Juan 28-5 #89N

Project #:

Project Manager: D. Watson

Sampler: D Watson

On Ice: ☒ Yes ☐ No

Sample Temperature:

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. 1312405	BTEX + MTBE + TPH (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^{3-},SO_4^{2-})	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	300.0 Chloride
12-16-13	1425	soil	SC-1	1-4oz	—	-001	X											X

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Date	Time
12/17/13	1730	Deborah Watson	Christine Walters	12/17/13	1730
12/17/13	1756	Christine Walters	Michelle Garcia	12/18/13	1000

Remarks: Bill to ConocoPhillips

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

February 17, 2014

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

RE: COP San Juan 2B-5 #89N OrderNo.: 1402550

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 2/14/2014 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 qualifers 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1402550**
Date Reported: **2/17/2014**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental
Client Sample ID: SC-6
Project: COP San Juan 2B-5 #89N
Collection Date: 2/13/2014 10:50:00 AM
Lab ID: 1402550-001
Matrix: MEOH (SOIL)
Received Date: 2/14/2014 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **BCN**	
Diesel Range Organics (DRO)	980	99		mg/Kg	10	2/14/2014 1:19:46 PM	11729
Surr: DNOP	0	66-131	S	%REC	10	2/14/2014 1:19:46 PM	11729
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JMP**	
Gasoline Range Organics (GRO)	1200	65		mg/Kg	20	2/14/2014 12:10:49 PM	R16757
Surr: BFB	427	74.5-129	S	%REC	20	2/14/2014 12:10:49 PM	R16757
EPA METHOD 8021B: VOLATILES						Analyst: **JMP**	
Benzene	ND	0.33		mg/Kg	20	2/14/2014 12:10:49 PM	R16757
Toluene	7.8	0.65		mg/Kg	20	2/14/2014 12:10:49 PM	R16757
Ethylbenzene	4.2	0.65		mg/Kg	20	2/14/2014 12:10:49 PM	R16757
Xylenes, Total	43	1.3		mg/Kg	20	2/14/2014 12:10:49 PM	R16757
Surr: 4-Bromofluorobenzene	110	80-120		%REC	20	2/14/2014 12:10:49 PM	R16757

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.
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#: **1402550**

17-Feb-14

Client: Animas Environmental

Project: COP San Juan 2B-5 #89N

Sample ID **MB-11729**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **11729**	RunNo: **16747**
Prep Date: **2/14/2014**	Analysis Date: **2/14/2014**	SeqNo: **482257** 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	7.5		10.00		74.9	66	131			

Sample ID **LCS-11729**	SampType: **LCS**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **11729**	RunNo: **16747**
Prep Date: **2/14/2014**	Analysis Date: **2/14/2014**	SeqNo: **482258** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.7	60.8	145			
Surr: DNOP	4.0		5.000		79.1	66	131			

Sample ID **MB-11713**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **11713**	RunNo: **16747**
Prep Date: **2/13/2014**	Analysis Date: **2/14/2014**	SeqNo: **482259** Units: **%REC**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	7.8		10.00		77.8	66	131			

Sample ID **LCS-11713**	SampType: **LCS**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **11713**	RunNo: **16747**
Prep Date: **2/13/2014**	Analysis Date: **2/14/2014**	SeqNo: **482263** Units: **%REC**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.4		5.000		88.9	66	131			

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.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1402550**

17-Feb-14

Client: Animas Environmental

Project: COP San Juan 2B-5 #89N

Sample ID **MB-11715 MK**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **R16757**	RunNo: **16757**
Prep Date:	Analysis Date: **2/14/2014**	SeqNo: **482913** 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	800		1000		80.4	74.5	129			

Sample ID **LCS-11715 MK**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **R16757**	RunNo: **16757**
Prep Date:	Analysis Date: **2/14/2014**	SeqNo: **482914** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	109	71.7	134			
Surr: BFB	890		1000		88.7	74.5	129			

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.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1402550**

17-Feb-14

Client: Animas Environmental

Project: COP San Juan 2B-5 #89N

Sample ID **MB-11715 MK**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **R16757**	RunNo: **16757**
Prep Date: **2/13/2014**	Analysis Date: **2/14/2014**	SeqNo: **482936** 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	0.88		1.000		87.7	80	120			

Sample ID **LCS-11715 MK**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **R16757**	RunNo: **16757**
Prep Date: **2/13/2014**	Analysis Date: **2/14/2014**	SeqNo: **482937** 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	99.8	80	120			
Toluene	1.1	0.050	1.000	0	105	80	120			
Ethylbenzene	1.0	0.050	1.000	0	104	80	120			
Xylenes, Total	3.1	0.10	3.000	0	103	80	120			
Surr: 4-Bromofluorobenzene	0.93		1.000		93.4	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.
- RL Reporting Detection Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: Animas Environmental | Work Order Number: 1402550 | RcptNo: 1

Received by/date: MG 02/14/14

Logged By: Lindsay Mangin 2/14/2014 10:30:00 AM

Completed By: Lindsay Mangin 2/14/2014 10:39:28 AM

Reviewed By: 02/14/14

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

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

Person Notified: _____ Date: _____

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

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.0	Good	Yes			

Chain-of-Custody Record

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

Client: Animas Environmental Services
Mailing Address: 624 E. Comanche
Farmington, NM 87401
Phone #: 505-564-2281
email or Fax#:
QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
Accreditation
☐ NELAP ☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush Same Day
Project Name: CoP San Juan 28-5 #89N
Project #:
Project Manager: D. Watson
Sampler: H. Woods / E. Skyles
On Ice: ☒ Yes ☐ No
Sample Temperature: 3.0

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1402550	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)				Air Bubbles (Y or N)
2/13/14	1050	Soil	SC-6	MeOH Kit 1-402	MeOH	-001	X		Y												

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Date	Time
2/13/14	1658	Heather M. Woods	Monica Walker	2/13/14	1658
2/13/14	1721	Monica Walker	Johnny Gallegos	02/14/14	1030

Remarks:
Bill to ConocoPhillips
WO: 9900907
Area: 25
Supervisor: Freddy Proctor
USER: MRSPENC
ordered by: Lindsay Dumas

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