

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

JUL 08 2016

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 Oil & Gas Company	Contact Lisa Hunter
Address 3401 East 30 th St, Farmington, NM	Telephone No. (505) 258-1607
Facility Name: San Juan 29-7 126	Facility Type: Gas

Surface Owner BLM	Mineral Owner SF-079514	API No. 30-039-23774
-------------------	-------------------------	----------------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	18	29N	07W	860'	FSL	1025'	FWL	Rio Arriba

Latitude 36.72110 Longitude -107.61557

NATURE OF RELEASE

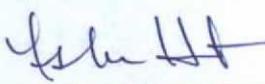
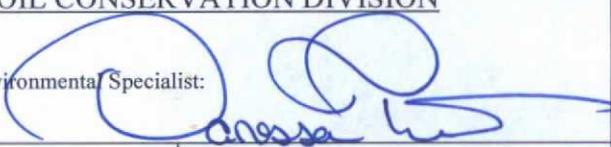
Type of Release Hydrocarbon and produced water	Volume of Release 15 bbls HC/ 7 bbls PW	Volume Recovered 0 bbls
Source of Release Production tank drain line	Date and Hour of Occurrence unknown	Date and Hour of Discovery 8/17/2015 @ 3:00 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Cory Smith and Shari Ketcham	
By Whom? Lindsay Dumas	Date and Hour 8/18/2015 @ 7 AM phone call/ 7:30 AM Email	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
A vandal opened the drain valve and moved the drain line from dumping into the pit to dumping on the ground; releasing 22 total bbls of hydrocarbon and produced water onto the ground.

Describe Area Affected and Cleanup Action Taken.*
Excavation was 26' x 25' x 2-6' Deep. 120 c/yds of soil was transported to IEI Land Farm. 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: 	OIL CONSERVATION DIVISION	
	Approved by Environmental Specialist: 	
Printed Name: Lisa Hunter	Approval Date: 7/27/2016	Expiration Date:
Title: Field Environmental Specialist	Conditions of Approval: NCS1524540401	
E-mail Address: Lisa.Hunter@cop.com	Attached <input type="checkbox"/>	
Date: 07/01/2016	Phone: (505) 258-1607	

* Attach Additional Sheets If Necessary



May 10, 2016

Lisa Hunter
ConocoPhillips
San Juan Business Unit
(505) 326-9786

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

**RE: Release Assessment and Final Excavation Report
San Juan 29-7 #126
Rio Arriba County, New Mexico**

Dear Ms. Hunter:

On September 1, 2015, and March 23, 2016, Animas Environmental Services, LLC (AES) completed an initial release assessment and environmental clearance of the final excavation limits at the ConocoPhillips (COPC) San Juan 29-7 #126, located in Rio Arriba County, New Mexico. The release consisted of approximately 15 barrels (bbls) of condensate and 7 bbls of produced water and was the result of overflow from the below grade tank (BGT) at the location. The initial release assessment was completed by AES on September 1, 2015, and the final excavation was completed by COPC contractors prior to AES' arrival at the location on March 23, 2016.

1.0 Site Information

1.1 Location

Site Name – San Juan 29-7 #126

Location – SE¼ SW¼, Section 18, T29N, R7W, Rio Arriba County, New Mexico

Well Head Latitude/Longitude – N36.72116 and W107.61535, respectively

Release Location Latitude/Longitude – N36.72110 and

W107.61557, respectively

Land Jurisdiction – Bureau of Land Management (BLM)

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map, September 2015

604 W. Piñon St.
Farmington, NM 87401
505-564-2281

1911 Main, Ste 200
Durango, CO 81301
970-403-3084

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 0 based on the following factors:

- **Depth to Groundwater:** A Pit Remediation and Closure Report form dated April 2003 reported the depth to groundwater as greater than 100 feet below ground surface (bgs). In addition, based on elevation, topographic interpretation and visual reconnaissance, depth to groundwater is interpreted to be greater than 100 feet 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 discharging to Gobernador Canyon Wash is located approximately 1,750 feet to the northeast. (0 points)

1.3 Assessment

AES was initially contacted by Lindsay Dumas of COPC on August 18, 2015, and on September 1, 2015, Emilee Skyles and Corwin Lameman of AES completed the release assessment field work. The assessment included collection and field sampling of 16 soil samples from 7 borings in and around the release area. Soil borings were terminated between 0.5 and 6 feet below grade. Based on field sampling results, AES recommended excavation of the release area. Sample locations are shown on Figure 3, with a cross-section of the release area provided on Figure 4.

On March 23, 2016, AES returned to the location to collect confirmation soil samples of the excavation. The field sampling activities included collection of five confirmation soil samples (SC-1 through SC-5) from the walls and base of the excavation. The area of the final excavation measured approximately 25 feet by 26 feet by 7 feet in depth. The depth of the excavation was limited due to a confining sandstone unit at 7 feet bgs. Sample locations and final excavation extents are presented on Figure 5.

2.0 Soil Sampling

A total of 16 soil samples from seven borings (SB-1 through SB-7) and five composite samples (SC-1 through SC-5) 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). Four samples from three borings (SB-1, SB-3, and SB-6) collected during the initial assessment and all five composite samples

collected during the excavation clearance 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 8260B (September 2015) and 8021B (March 2016); and
- TPH for gasoline range organics (GRO), diesel range organics (DRO), and motor oil range organics (MRO) per USEPA Method 8015D.

2.3 Field and Laboratory Analytical Results

On September 1, 2015, initial assessment field screening results for VOCs via OVM showed concentrations ranging from 0.0 ppm in SB-5 up to 4,391 ppm in SB-6. Field TPH concentrations ranged from 50.5 mg/kg in SB-2 and SB-4 up to 12,400 mg/kg in SB-6.

On March 23, 2016, final excavation field screening results for VOCs via OVM ranged from 247 ppm in SC-3 up to 1,435 ppm in SC-2. Field TPH concentrations ranged from 207 mg/kg in SC-4 up to 1,160 mg/kg in SC-5. Results are included below in Table 1 and on Figures 3 and 5. The AES Field Sampling Reports are attached.

Table 1. Soil Field VOCs and TPH Results
 San Juan 29-7 #126 Initial Release Assessment and Final Excavation
 September 2015 and March 2016

Sample ID	Date Sampled	Sample Depth (ft bgs)	VOCs via OVM (ppm)	TPH 418.1 (mg/kg)
<i>NMOCD Action Level*</i>			100	5,000
SB-1	9/1/15	5.5	3,858	2,070
		0.5	24.1	NA
SB-2	9/1/15	2.0	6.8	NA
		4.5	3.9	65.7
		5.0	3.3	50.5
SB-3	9/1/15	0.5	2.8	NA
		2.0	1.8	NA
		4.5	3,967	2,890
SB-4	9/1/15	0.5	14.3	NA
		2.0	17.7	50.5
SB-5	9/1/15	0.5	0.0	NA
		2.0	0.0	NA
		3.0	0.0	62.3
SB-6	9/1/15	5.5	4,391	12,400
		6.0	4,266	5,290
SB-7	9/1/15	0.5	2.5	NA
SC-1	3/23/16	0 to 7	585	610
SC-2	3/23/16	0 to 7	1,435	427
SC-3	3/23/16	0 to 7	247	509
SC-4	3/23/16	0 to 7	265	207
SC-5	3/23/16	7.0	686	1,160

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 SB-1, SB-3, and SB-6 were used to confirm field sampling results of the initial release assessment. Benzene concentrations were reported below laboratory detection limits in each sample. Total BTEX concentrations were reported as 32 mg/kg (SB-1), 13 mg/kg (SB-3), 227 mg/kg (SB-6 at 5.5 ft), and 152 mg/kg (SB-6 at 6 ft). TPH

concentrations as GRO/DRO/MRO were reported in SB-1 (2,340 mg/kg), SB-3 (2,020 mg/kg), SB-6 at 5.5 ft (11,300 mg/kg), and SB-6 at 6 ft (7,100 mg/kg).

Laboratory analyses for SC-1 through SC-5 were used to confirm field sampling results from the final excavation. Benzene concentrations were reported below laboratory detection limits in all samples. Total BTEX concentrations were reported below detection limits in SC-4 while SC-1 through SC-3 and SC-5 were reported with 0.15 mg/kg, 2.0 mg/kg, 0.43 mg/kg, and 1.4mg/kg, respectively. TPH concentrations as GRO/DRO were reported in SC-1 (259 mg/kg), SC-2 (259 mg/kg), SC-3 (159 mg/kg), SC-4 (116 mg/kg), and SC-5 (670 mg/kg). Results are presented in Table 2 and on Figures 3 and 5. The laboratory analytical reports are attached.

Table 2. Laboratory Analytical Results – Benzene, Total BTEX, and TPH
 San Juan 29-7 #126 Initial Release Assessment and Final Excavation
 September 2015 and March 2016

Sample ID	Date Sampled	Sample Depth (ft bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)
NMOCD Action Level*			10	50		5,000	
SB-1	9/1/15	5.5	<0.50	32	1,500	840	<980
SB-3	9/1/15	4.5	<0.50	13	1,300	720	<1,000
SB-6	9/1/15	5.5	<1.2	227	7,100	4,200	<1,000
SB-6	9/1/15	6.0	<2.5	152	4,900	2,200	<990
SC-1	3/23/16	0 to 7	<0.016	0.15	79	180	NA
SC-2	3/23/16	0 to 7	<0.031	2.0	99	160	NA
SC-3	3/23/16	0 to 7	<0.016	0.43	86	73	NA
SC-4	3/23/16	0 to 7	<0.023	<0.208	30	86	NA
SC-5	3/23/16	7.0	<0.024	1.4	110	560	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 September 1, 2015, AES conducted an initial assessment of petroleum contaminated soils associated with an overflow from the below grade tank at the San Juan 29-7 #126. 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 0.

Initial assessment field sampling results above the NMOCD action level of 100 ppm VOCs and 5,000 mg/kg TPH were reported in SB-1, SB-3, and SB-6. The highest VOC and TPH concentrations were reported in SB-6 at 5.5 ft bgs with 4,391 ppm and 12,400 mg/kg respectively.

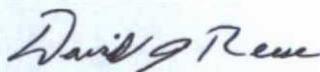
Laboratory analyses for SB-1, SB-3, and SB-6 were used to confirm field sampling results. Benzene concentrations were reported below the NMOCD action level of 10 mg/kg in each sample. However, total BTEX concentrations were above the NMOCD action level of 50 mg/kg in SB-6 at 5.5 ft (227 mg/kg) and SB-6 at 6.0 ft (152 mg/kg). TPH concentrations as GRO/DRO/MRO exceeded the NMOCD action level of 5,000 mg/kg in SB-6 at 5.5 ft (11,300 mg/kg) and SB-6 at 6.0 ft (7,100 mg/kg).

On March 23, 2016, final clearance of the excavation area was completed. Field sampling results of the excavation extents showed that VOC concentrations were above applicable NMOCD action levels for the final walls and base of the excavation, ranging from 247 ppm in SC-3 to 1,435 ppm in SC-2. However, field TPH concentrations were below the applicable NMOCD action level of 5,000 mg/kg for the final walls and base of the excavation. Laboratory analytical results also reported benzene, total BTEX, and TPH concentrations (as GRO/DRO) below the applicable NMOCD action levels.

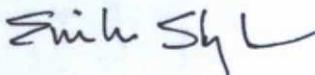
Based on final field sampling and laboratory analytical results of the excavation of petroleum contaminated soils at the San Juan 29-7 #126, VOC, benzene, total BTEX, and TPH concentrations were below applicable NMOCD action levels for each of the sidewalls and base of the excavation. No further work is recommended.

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

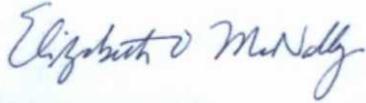
Sincerely,



David J. Reese
Environmental Scientist



Emilee Skyles
Geologist/Project Lead



Elizabeth McNally, PE

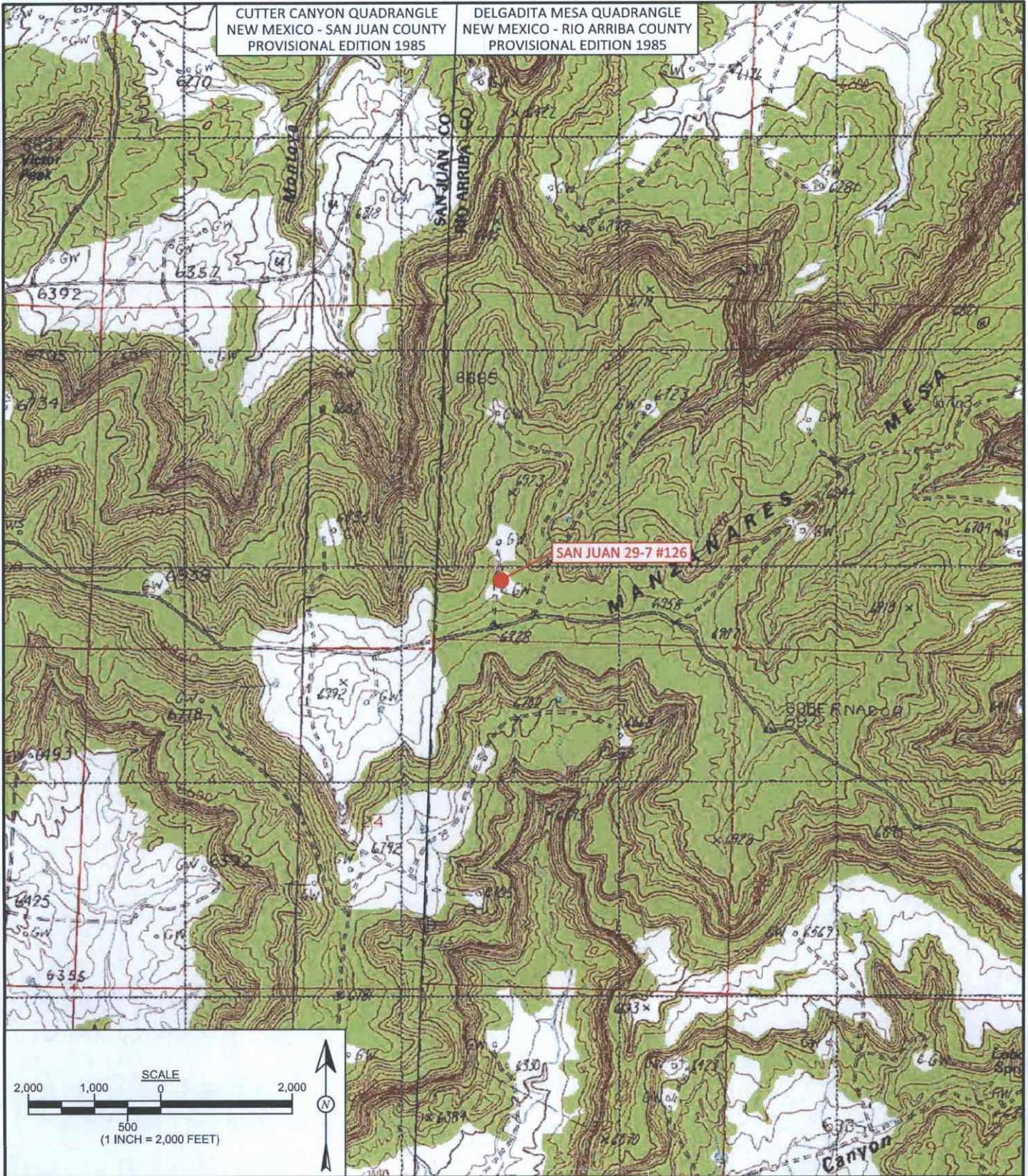
Attachments:

- Figure 1. Topographic Site Location Map
- Figure 2. Aerial Site Map, September 2015
- Figure 3. Initial Assessment Sample Locations and Results, September 2015
- Figure 4. Initial Assessment Cross Section, September 2015
- Figure 5. Final Excavation Sample Locations and Results, March 2016
- AES Field Sampling Report 090115
- AES Field Sampling Report 032316
- Hall Laboratory Analytical Report 1509135
- Hall Laboratory Analytical Report 1603B96
- Hall Laboratory Analytical Report 1603B97

R:\Animas 2000\Dropbox (Animas Environmental)\0000 AES Server Client Projects Dropbox\2016 Client Projects\ConocoPhillips\SJ 29-7 #126\San Juan 29-7 #126 Release and Final Excavation Report 051016.docx

CUTTER CANYON QUADRANGLE
 NEW MEXICO - SAN JUAN COUNTY
 PROVISIONAL EDITION 1985

DELGADITA MESA QUADRANGLE
 NEW MEXICO - RIO ARriba COUNTY
 PROVISIONAL EDITION 1985



SAN JUAN 29-7 #126

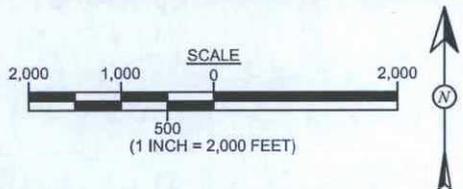


FIGURE 1

TOPOGRAPHIC SITE LOCATION MAP

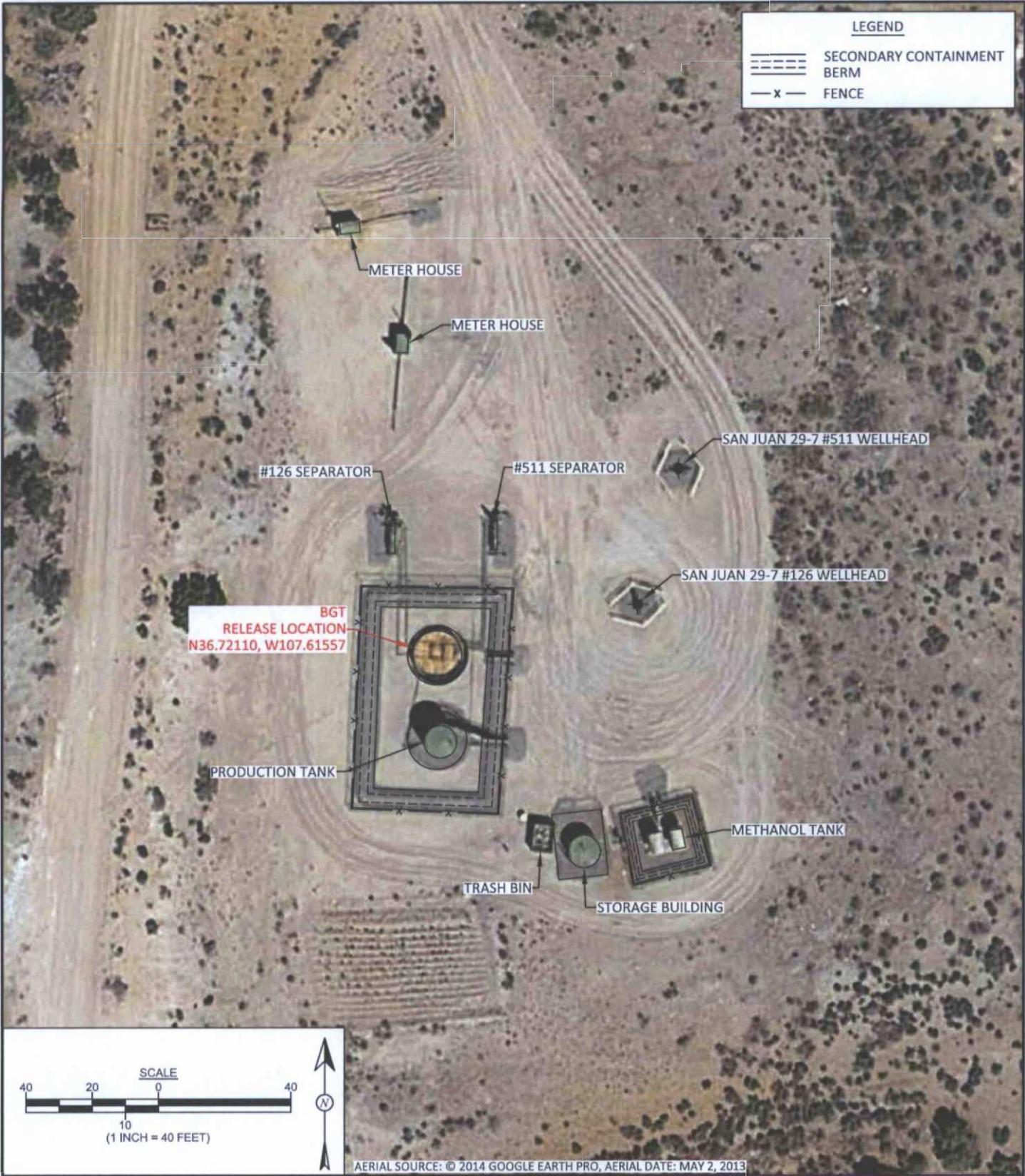
ConocoPhillips
 SAN JUAN 29-7 #126
 SE¼ SW¼, SECTION 18, T29N, R7W
 RIO ARriba COUNTY, NEW MEXICO
 N36.72116, W107.61535



**animas
 environmental
 services**
 Farmington, NM • Durango, CO
 animasenvironmental.com

DRAWN BY: D. Dougi	DATE DRAWN: August 20, 2015
REVISIONS BY: D. Dougi	DATE REVISED: May 4, 2016
CHECKED BY: E. Skyles	DATE CHECKED: May 4, 2016
APPROVED BY: E. McNally	DATE APPROVED: May 4, 2016

LEGEND	
	SECONDARY CONTAINMENT BERM
	FENCE



AERIAL SOURCE: © 2014 GOOGLE EARTH PRO, AERIAL DATE: MAY 2, 2013



**animas
environmental
services**
Farmington, NM • Durango, CO
animasenvironmental.com

DRAWN BY: D. Dougi	DATE DRAWN: September 1, 2015
REVISIONS BY: D. Dougi	DATE REVISED: May 5, 2016
CHECKED BY: E. Skyles	DATE CHECKED: May 5, 2016
APPROVED BY: E. McNally	DATE APPROVED: May 5, 2016

FIGURE 2
**AERIAL SITE MAP
SEPTEMBER 2015**
ConocoPhillips
SAN JUAN 29-7 #126
SE¼ SW¼, SECTION 18, T29N, R7W
RIO ARRIBA COUNTY, NEW MEXICO
N36.72116, W107.61535

FIGURE 3

RELEASE ASSESSMENT SAMPLE LOCATIONS AND RESULTS SEPTEMBER 2015

ConocoPhillips
 SAN JUAN 29-7 #126
 SE ¼ 5W ¼, SECTION 18, T29N, R7W
 RIO ARRIBA COUNTY, NEW MEXICO
 N36.72116, W107.61535

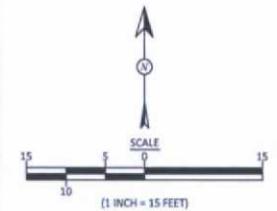


animas environmental services
 Farmington, NM • Durango, CO
 animasenvironmental.com

DRAWN BY: C. Lameman	DATE DRAWN: September 1, 2015
REVISIONS BY: D. Dougl	DATE REVISED: May 5, 2016
CHECKED BY: E. Skyles	DATE CHECKED: May 5, 2016
APPROVED BY: E. McNally	DATE APPROVED: May 5, 2016

LEGEND

- SOIL BORING LOCATIONS
- SECONDARY CONTAINMENT BERM
- x- FENCE



Sample ID	Date	Depth (ft)	OVM-PID (ppm)	TPH (mg/kg)
NMOCED ACTION LEVEL				
			100	5,000
SB-1	9/1/15	5.5	3,858	2,070
SB-2	9/1/15	0.5	24.1	NA
		2.0	6.8	NA
		4.5	3.9	65.7
		5.0	3.3	50.5
SB-3	9/1/15	0.5	2.8	NA
		2.0	1.8	NA
		4.5	3,967	2,890
SB-4	9/1/15	0.5	14.3	NA
		2.0	17.7	50.5
		3.0	0.0	NA
SB-5	9/1/15	2.0	0.0	NA
		3.0	0.0	62.3
		6.0	4,391	12,400
SB-6	9/1/15	6.0	4,266	5,290
		0.5	2.5	NA
SB-7	9/1/15	0.5		NA

NA - NOT ANALYZED

Sample ID	Date	Depth (ft)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)	TPH - MRO (mg/kg)
NMOCED ACTION LEVEL							
			10	50	5,000		
SB-1	9/1/15	5.5	<0.50	32.0	1,500	840	<980
SB-3	9/1/15	4.5	<0.50	13.0	1,300	720	<1,000
SB-6	9/1/15	5.5	<1.2	227	7,100	4,200	<1,000
		6.0	<2.5	152	4,900	2,200	<990

ALL SAMPLES WERE ANALYZED PER USEPA METHOD 8260B AND 8015D.

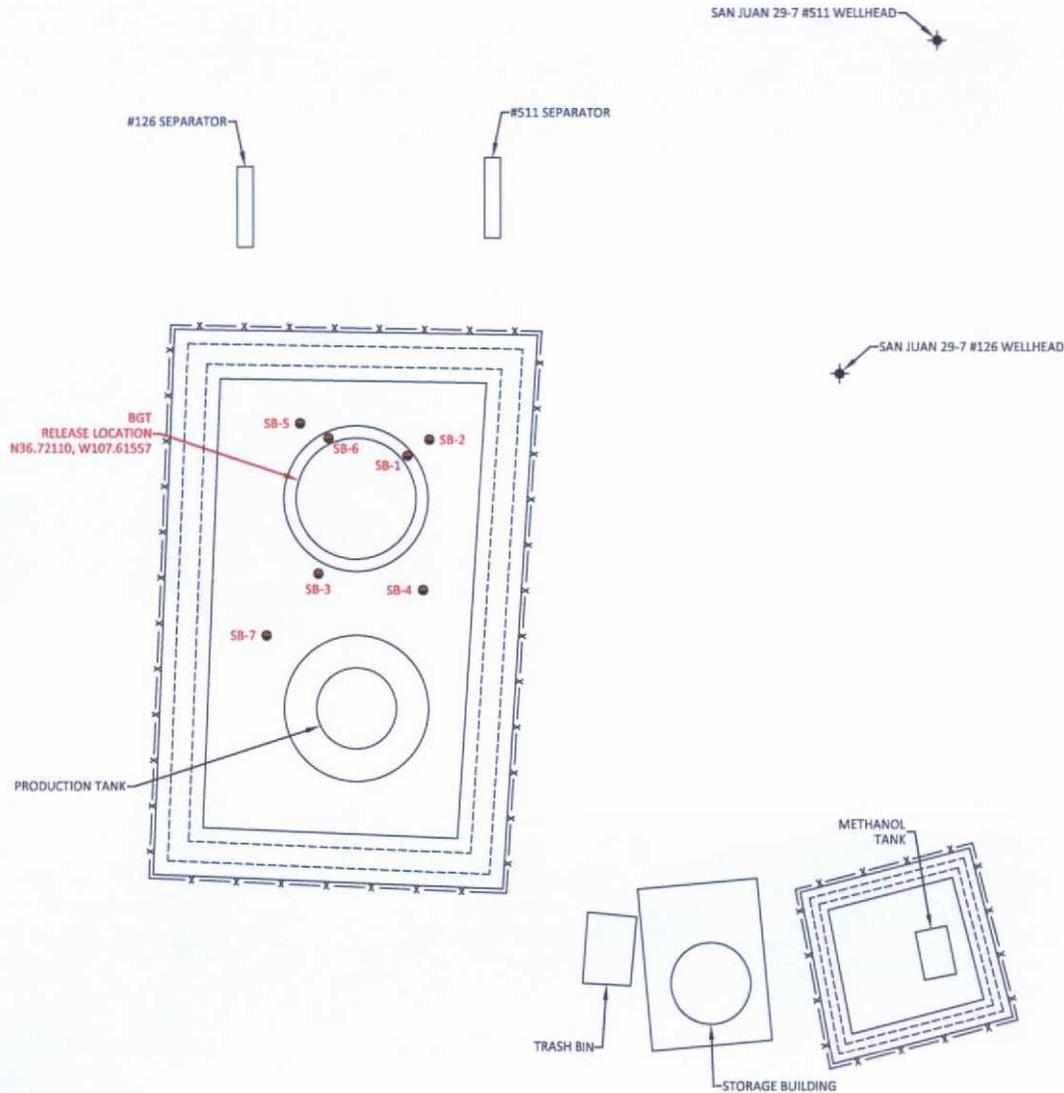


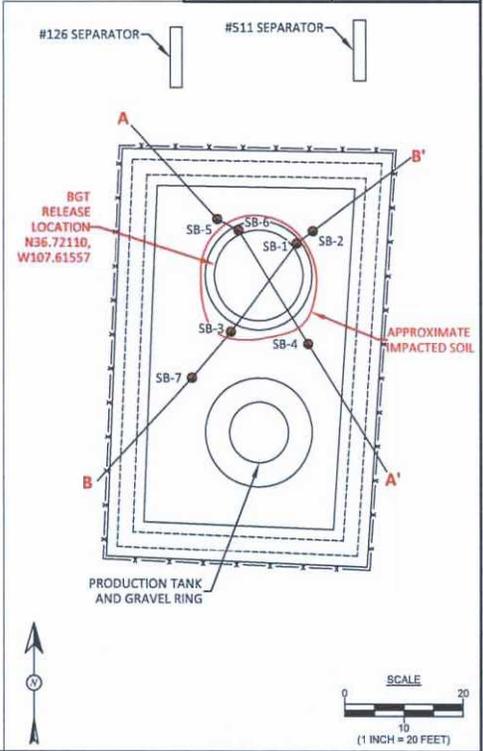
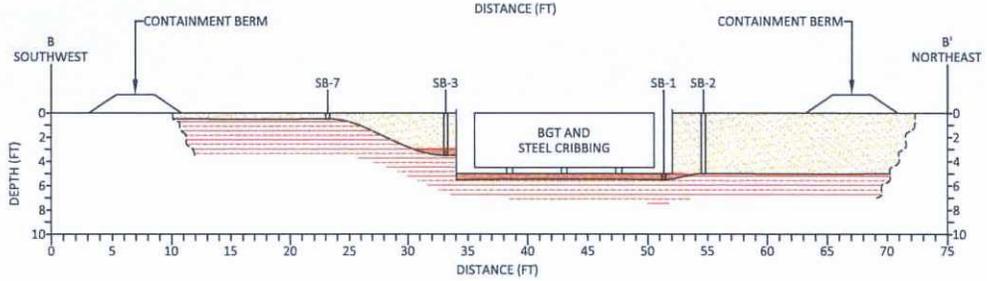
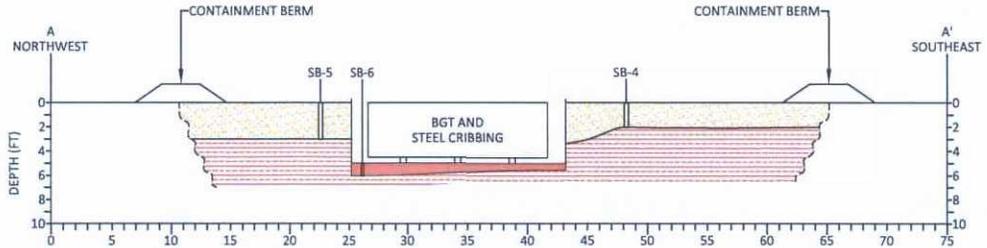
FIGURE 4

**INITIAL ASSESSMENT CROSS SECTION
SEPTEMBER 2015**
 ConocoPhillips
 SAN JUAN 29-7 #126
 SE 1/4 SW 1/4, SECTION 18, T29N, R7W
 RIO ARRIBA COUNTY, NEW MEXICO
 N36.72116, W107.61535



DRAWN BY: C. Lameman	DATE DRAWN: September 10, 2015
REVISIONS BY: D. Dougl	DATE REVISED: May 4, 2016
CHECKED BY: E. Skyles	DATE CHECKED: May 4, 2016
APPROVED BY: E. McNally	DATE APPROVED: May 4, 2016

- LEGEND**
- SOIL BORING LOCATIONS
 - ▬▬▬ SECONDARY CONTAINMENT BERM
 - x— FENCE
 - SAND
 - ▨ SANDSTONE
 - APPROXIMATE EXTENT OF IMPACTED SOIL (IN-PLACE 7 YD³)



NOT TO SCALE

Field Sampling Results					
Sample ID	Date	Depth (ft)	DVM-PID (ppm)	TPH (mg/kg)	
NMOCD ACTION LEVEL			100	5,000	
SC-1	3/23/16	0 to 7	585	610	
SC-2	3/23/16	0 to 7	1,435	427	
SC-3	3/23/16	0 to 7	247	509	
SC-4	3/23/16	0 to 7	265	207	
SC-5	3/23/16	7	686	1,160	

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	5,000	
SC-1	3/23/16	0 to 7	<0.016	0.15	79	180
SC-2	3/23/16	0 to 7	<0.031	2.0	99	160
SC-3	3/23/16	0 to 7	<0.016	0.43	86	73
SC-4	3/23/16	0 to 7	<0.023	<0.208	30	86
SC-5	3/23/16	7	<0.024	1.4	110	560

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

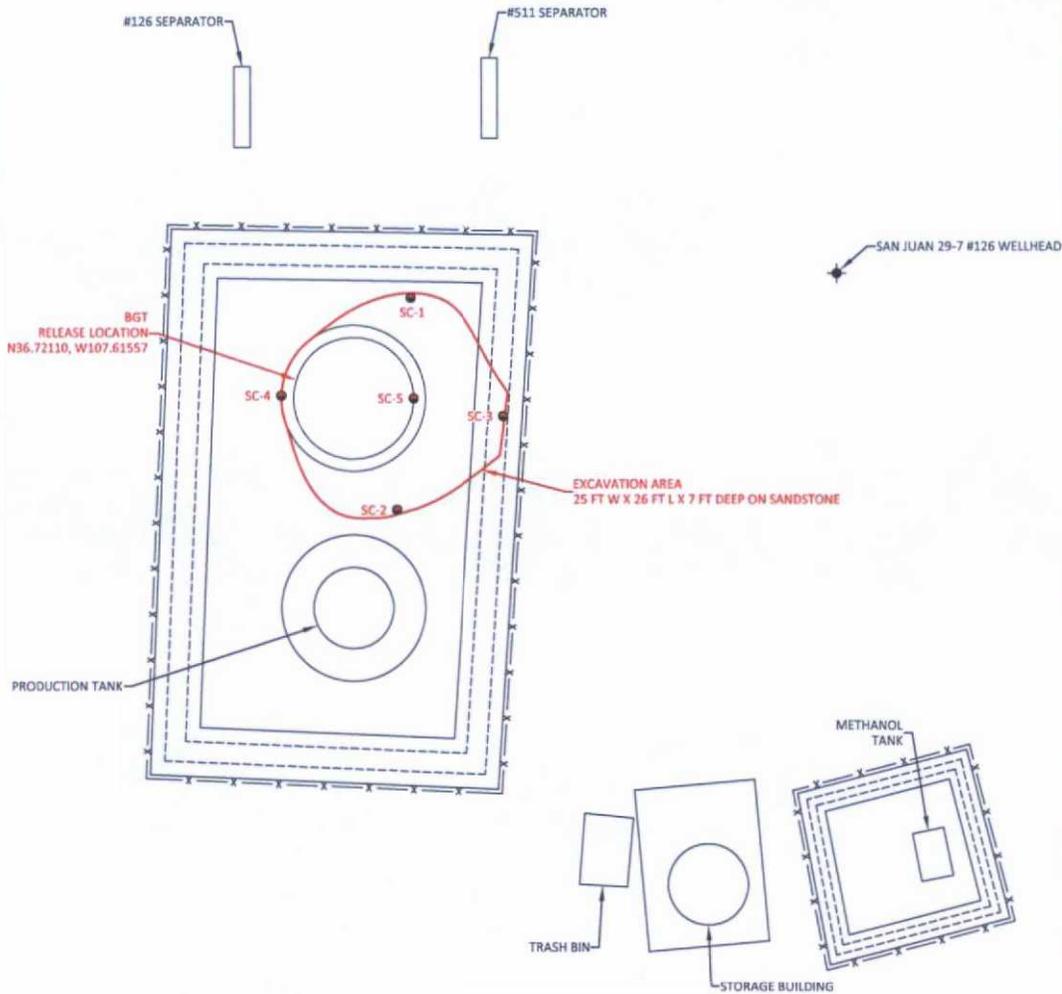


FIGURE 5

FINAL EXCAVATION SAMPLE LOCATIONS AND RESULTS MARCH 2016
 ConocoPhillips
 SAN JUAN 29-7 #126
 SE 1/4 SW 1/4, SECTION 18, T29N, R7W
 RIO ARriba COUNTY, NEW MEXICO
 N36.72116, W107.61535

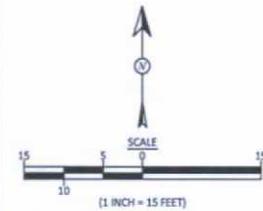


animas environmental services
 Farmington, NM • Durango, CO
 animasenvironmental.com

DRAWN BY: C. Lameman	DATE DRAWN: March 29, 2016
REVISIONS BY: S. Glasses	DATE REVISED: May 11, 2016
CHECKED BY: E. Skyles	DATE CHECKED: May 11, 2016
APPROVED BY: E. McNally	DATE APPROVED: May 11, 2016

LEGEND

- SAMPLE LOCATIONS
- SECONDARY CONTAINMENT BERM
- x- FENCE



AES Field Sampling Report

Animas Environmental Services, LLC



Client: ConocoPhillips

Project Location: San Juan 29-7 #126

Date: 9/1/2015

Matrix: Soil

Sample ID	Collection Date	Collection Time	OVM (ppm)	Field TPH* (mg/kg)	Field TPH Analysis Time	TPH PQL (mg/kg)	DF	TPH Analysts Initials
SB-1 @ 5.5'	9/1/2015	10:36	3,858	2,072	11:06	20.0	1	EMS
SB-2 @ 0.5'	9/1/2015	10:15	24.1	Not Analyzed for TPH				
SB-2 @ 2.0'	9/1/2015	10:19	6.8	Not Analyzed for TPH				
SB-2 @ 4.5'	9/1/2015	10:23	3.9	65.7	11:08	20.0	1	EMS
SB-2 @ 5'	9/1/2015	10:26	3.3	50.5	11:12	20.0	1	EMS
SB-3 @ 0.5'	9/1/2015	10:41	2.8	Not Analyzed for TPH				
SB-3 @ 2.0'	9/1/2015	10:45	1.8	Not Analyzed for TPH				
SB-3 @ 4.5'	9/1/2015	10:48	3,967	2,890	11:22	20.0	1	EMS
SB-4 @ 0.5'	9/1/2015	11:06	14.3	Not Analyzed for TPH				
SB-4 @ 2.0'	9/1/2015	11:10	17.7	50.5	11:52	20.0	1	EMS
SB-5 @ 0.5'	9/1/2015	11:35	0.0	Not Analyzed for TPH				
SB-5 @ 2.0'	9/1/2015	11:42	0.0	Not Analyzed for TPH				
SB-5 @ 3.0'	9/1/2015	11:47	0.0	62.3	12:06	20.0	1	EMS
SB-6 @ 5.5'	9/1/2015	11:52	4,391	12,429	12:23	200	1	EMS

Sample ID	Collection Date	Collection Time	OVM (ppm)	Field TPH* (mg/kg)	Field TPH Analysis Time	TPH PQL (mg/kg)	DF	TPH Analysts Initials
SB-6 @ 6.0'	9/1/2015	11:58	4,266	5,285	12:28	200	1	EMS
SB-7 @ 0.5'	9/1/2015	12:50	2.5	Not Analyzed for TPH				

DF Dilution Factor

NA Not Analyzed

PQL Practical Quantitation Limit

*Field TPH concentrations recorded may be below PQL.

Total Petroleum Hydrocarbons - USEPA 418.1

Analyst: *Eric Skelton*

AES Field Sampling Report

Animas Environmental Services, LLC



Client: ConocoPhillips

Project Location: San Juan 29-7 #126

Date: 3/23/2016

Matrix: Soil

Sample ID	Collection Date	Collection Time	Sample Location	OVM (ppm)	Field TPH* (mg/kg)	Field TPH Analysis Time	TPH PQL (mg/kg)	DF	TPH Analysts Initials
SC-1	3/23/2016	11:30	North Wall	585	610	12:08	20.0	1	CL
SC-2	3/23/2016	11:35	South Wall	1,435	427	12:12	20.0	1	CL
SC-3	3/23/2016	11:40	East Wall	247	509	12:15	20.0	1	CL
SC-4	3/23/2016	11:43	West Wall	265	207	12:18	20.0	1	CL
SC-5	3/23/2016	11:45	Base	686	1,160	12:22	20.0	1	CL

DF Dilution Factor

NA Not Analyzed

PQL Practical Quantitation Limit

*TPH concentrations recorded may be below PQL.

Total Petroleum Hydrocarbons - USEPA 418.1

Analyst:



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

September 10, 2015

Emilee Skyles
Animas Environmental
604 Pinon Street
Farmington, NM 87401
TEL: (505) 564-2281
FAX

RE: COPC SJ 29-7 #126

OrderNo.: 1509135

Dear Emilee Skyles:

Hall Environmental Analysis Laboratory received 4 sample(s) on 9/3/2015 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: SB-1 @ 5.5'

Project: COPC SJ 29-7 #126

Collection Date: 9/1/2015 10:35:00 AM

Lab ID: 1509135-001

Matrix: SOIL

Received Date: 9/3/2015 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: DJF
Gasoline Range Organics (GRO)	1500	50		mg/Kg	10	9/4/2015 8:41:54 PM	21127
Surr: BFB	98.7	70-130		%REC	10	9/4/2015 8:41:54 PM	21127
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	840	200		mg/Kg	20	9/8/2015 2:47:02 PM	21123
Motor Oil Range Organics (MRO)	ND	980		mg/Kg	20	9/8/2015 2:47:02 PM	21123
Surr: DNOP	0	57.9-140	S	%REC	20	9/8/2015 2:47:02 PM	21123
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: DJF
Benzene	ND	0.50		mg/Kg	10	9/4/2015 8:41:54 PM	21127
Toluene	ND	0.50		mg/Kg	10	9/4/2015 8:41:54 PM	21127
Ethylbenzene	ND	0.50		mg/Kg	10	9/4/2015 8:41:54 PM	21127
Xylenes, Total	32	1.0		mg/Kg	10	9/4/2015 8:41:54 PM	21127
Surr: 1,2-Dichloroethane-d4	105	70-130		%REC	10	9/4/2015 8:41:54 PM	21127
Surr: 4-Bromofluorobenzene	106	70-130		%REC	10	9/4/2015 8:41:54 PM	21127
Surr: Dibromofluoromethane	111	70-130		%REC	10	9/4/2015 8:41:54 PM	21127
Surr: Toluene-d8	103	70-130		%REC	10	9/4/2015 8:41:54 PM	21127

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
D	Sample Diluted Due to Matrix	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P Sample pH Not In Range
R	RPD outside accepted recovery limits	RL Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SB-3 @ 4.5'

Project: COPC SJ 29-7 #126

Collection Date: 9/1/2015 10:48:00 AM

Lab ID: 1509135-002

Matrix: SOIL

Received Date: 9/3/2015 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: DJF
Gasoline Range Organics (GRO)	1300	50		mg/Kg	10	9/4/2015 9:09:14 PM	21127
Surr: BFB	107	70-130		%REC	10	9/4/2015 9:09:14 PM	21127
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	720	200		mg/Kg	20	9/8/2015 3:42:13 PM	21123
Motor Oil Range Organics (MRO)	ND	1000		mg/Kg	20	9/8/2015 3:42:13 PM	21123
Surr: DNOP	0	57.9-140	S	%REC	20	9/8/2015 3:42:13 PM	21123
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: DJF
Benzene	ND	0.50		mg/Kg	10	9/4/2015 9:09:14 PM	21127
Toluene	ND	0.50		mg/Kg	10	9/4/2015 9:09:14 PM	21127
Ethylbenzene	ND	0.50		mg/Kg	10	9/4/2015 9:09:14 PM	21127
Xylenes, Total	13	1.0		mg/Kg	10	9/4/2015 9:09:14 PM	21127
Surr: 1,2-Dichloroethane-d4	106	70-130		%REC	10	9/4/2015 9:09:14 PM	21127
Surr: 4-Bromofluorobenzene	103	70-130		%REC	10	9/4/2015 9:09:14 PM	21127
Surr: Dibromofluoromethane	105	70-130		%REC	10	9/4/2015 9:09:14 PM	21127
Surr: Toluene-d8	103	70-130		%REC	10	9/4/2015 9:09:14 PM	21127

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
D	Sample Diluted Due to Matrix	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P Sample pH Not In Range
R	RPD outside accepted recovery limits	RL Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1509135

Date Reported: 9/10/2015

CLIENT: Animas Environmental

Client Sample ID: SB-6 @ 5.5'

Project: COPC SJ 29-7 #126

Collection Date: 9/1/2015 11:52:00 AM

Lab ID: 1509135-003

Matrix: SOIL

Received Date: 9/3/2015 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: DJF
Gasoline Range Organics (GRO)	7100	240		mg/Kg	50	9/8/2015 11:50:09 AM	21127
Surr: BFB	104	70-130		%REC	50	9/8/2015 11:50:09 AM	21127
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	4200	200		mg/Kg	20	9/4/2015 4:56:41 PM	21123
Motor Oil Range Organics (MRO)	ND	1000		mg/Kg	20	9/4/2015 4:56:41 PM	21123
Surr: DNOP	0	57.9-140	S	%REC	20	9/4/2015 4:56:41 PM	21123
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: DJF
Benzene	ND	1.2		mg/Kg	50	9/8/2015 11:50:09 AM	21127
Toluene	27	2.4		mg/Kg	50	9/8/2015 11:50:09 AM	21127
Ethylbenzene	ND	2.4		mg/Kg	50	9/8/2015 11:50:09 AM	21127
Xylenes, Total	200	4.9		mg/Kg	50	9/8/2015 11:50:09 AM	21127
Surr: 1,2-Dichloroethane-d4	102	70-130		%REC	50	9/8/2015 11:50:09 AM	21127
Surr: 4-Bromofluorobenzene	103	70-130		%REC	50	9/8/2015 11:50:09 AM	21127
Surr: Dibromofluoromethane	112	70-130		%REC	50	9/8/2015 11:50:09 AM	21127
Surr: Toluene-d8	105	70-130		%REC	50	9/8/2015 11:50:09 AM	21127

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
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1509135

Date Reported: 9/10/2015

CLIENT: Animas Environmental

Client Sample ID: SB-6 @ 6.0'

Project: COPC SJ 29-7 #126

Collection Date: 9/1/2015 11:58:00 AM

Lab ID: 1509135-004

Matrix: SOIL

Received Date: 9/3/2015 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: DJF
Gasoline Range Organics (GRO)	4900	250		mg/Kg	50	9/4/2015 2:45:23 PM	21127
Surr: BFB	106	70-130		%REC	50	9/4/2015 2:45:23 PM	21127
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	2200	200		mg/Kg	20	9/8/2015 4:36:45 PM	21123
Motor Oil Range Organics (MRO)	ND	990		mg/Kg	20	9/8/2015 4:36:45 PM	21123
Surr: DNOP	0	57.9-140	S	%REC	20	9/8/2015 4:36:45 PM	21123
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: DJF
Benzene	ND	2.5		mg/Kg	50	9/4/2015 2:45:23 PM	21127
Toluene	19	2.5		mg/Kg	50	9/4/2015 2:45:23 PM	21127
Ethylbenzene	3.4	2.5		mg/Kg	50	9/4/2015 2:45:23 PM	21127
Xylenes, Total	130	4.9		mg/Kg	50	9/4/2015 2:45:23 PM	21127
Surr: 1,2-Dichloroethane-d4	97.9	70-130		%REC	50	9/4/2015 2:45:23 PM	21127
Surr: 4-Bromofluorobenzene	105	70-130		%REC	50	9/4/2015 2:45:23 PM	21127
Surr: Dibromofluoromethane	106	70-130		%REC	50	9/4/2015 2:45:23 PM	21127
Surr: Toluene-d8	106	70-130		%REC	50	9/4/2015 2:45:23 PM	21127

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
D	Sample Diluted Due to Matrix	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P Sample pH Not In Range
R	RPD outside accepted recovery limits	RL Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1509135
10-Sep-15

Client: Animas Environmental
Project: COPC SJ 29-7 #126

Sample ID: MB-21123	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 21123	RunNo: 28658								
Prep Date: 9/3/2015	Analysis Date: 9/4/2015	SeqNo: 868356	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		99.5	57.9	140			

Sample ID: LCS-21123	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 21123	RunNo: 28658								
Prep Date: 9/3/2015	Analysis Date: 9/4/2015	SeqNo: 868359	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	104	57.4	139			
Surr: DNOP	5.1		5.000		102	57.9	140			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1509135
10-Sep-15

Client: Animas Environmental
Project: COPC SJ 29-7 #126

Sample ID	mb-21127	SampType:	MBLK	TestCode:	EPA Method 8260B: Volatiles Short List					
Client ID:	PBS	Batch ID:	21127	RunNo:	28679					
Prep Date:	9/3/2015	Analysis Date:	9/4/2015	SeqNo:	868766	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: 1,2-Dichloroethane-d4	0.51		0.5000		102	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		93.9	70	130			
Surr: Dibromofluoromethane	0.60		0.5000		121	70	130			
Surr: Toluene-d8	0.49		0.5000		98.3	70	130			

Sample ID	ics-21127	SampType:	LCS	TestCode:	EPA Method 8260B: Volatiles Short List					
Client ID:	LCSS	Batch ID:	21127	RunNo:	28679					
Prep Date:	9/3/2015	Analysis Date:	9/4/2015	SeqNo:	868768	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	111	70	130			
Toluene	0.98	0.050	1.000	0	98.4	70	130			
Ethylbenzene	1.0	0.050	1.000	0	100	70	130			
Xylenes, Total	3.0	0.10	3.000	0	99.6	70	130			
Surr: 1,2-Dichloroethane-d4	0.52		0.5000		103	70	130			
Surr: 4-Bromofluorobenzene	0.44		0.5000		88.8	70	130			
Surr: Dibromofluoromethane	0.60		0.5000		119	70	130			
Surr: Toluene-d8	0.48		0.5000		95.7	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 1509135
 10-Sep-15

Client: Animas Environmental
Project: COPC SJ 29-7 #126

Sample ID mb-21127	SampType: MBLK		TestCode: EPA Method 8015D Mod: Gasoline Range							
Client ID: PBS	Batch ID: 21127		RunNo: 28679							
Prep Date: 9/3/2015	Analysis Date: 9/4/2015		SeqNo: 869145				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	570		500.0		115	70	130			

Sample ID ics-21127	SampType: LCS		TestCode: EPA Method 8015D Mod: Gasoline Range							
Client ID: LCSS	Batch ID: 21127		RunNo: 28679							
Prep Date: 9/3/2015	Analysis Date: 9/4/2015		SeqNo: 869146				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	18	5.0	25.00	0	71.6	70	123			
Surr: BFB	500		500.0		99.7	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit

Sample Log-In Check List

Client Name: Animas Environmental

Work Order Number: 1509135

RcptNo: 1

Received by/date: _____

Logged By: Anne Thorne 9/3/2015 7:00:00 AM *Anne Thorne*
 Completed By: Anne Thorne 9/3/2015 *Anne Thorne*
 Reviewed By: *[Signature]* 09/03/15

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? Yes No
 (Note discrepancies on chain of custody)
- 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
 (If no, notify customer for authorization.)

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	2.3	Good	Yes			

Chain-of-Custody Record

Client: Animas Environmental Services

Mailing Address: 604 W. Pinon St.
Farmington, NM 87401

Phone #: 505-564-2281

Email or Fax#: eskyles@animasenvironmental.com

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

Accreditation:
 NELAP Other _____
 EDD (Type) _____

Turn-Around Time:

Standard Rush

Project Name: COPC SJ 29-7 #126

Project #:

Project Manager: E. Skyles

Sampler: E. Skyles/C. Lameman

Chilled Yes No

Sample Temperature: 22.1°C



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX - 8021B	TPH - EPA 8015B (GRO/DROMRO)	Chlorides - 300.0											Air Bubbles (Y or N)					
9/1/15	10:36	SOIL	SB-1 @ 5.5'	1 - 4 oz.	cool	2001	X	X																	
9/1/15	10:48	SOIL	SB-3 @ 4.5'	1 - 4 oz.	cool	2002	X	X																	
9/1/15	11:52	SOIL	SB-6 @ 5.5'	1 - 4 oz.	cool	2003	X	X																	
9/1/15	11:58	SOIL	SB-6 @ 6.0'	1 - 4 oz.	cool	2004	X	X																	

Date: 9/2/15	Time: 1653	Relinquished by: [Signature]	Received by: [Signature]	Date: 9/2/15	Time: 1653
Date: 9/2/15	Time: 1804	Relinquished by: [Signature]	Received by: [Signature]	Date: 09/03/15	Time: 0700

Remarks: BILL TO CONOCO PHILLIPS
WO: 20974046
Area: 23
Area Supervisor: Greg Dunn
User/Approver: BENALE
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.



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

March 25, 2016

Emilee Skyles
Animas Environmental
604 Pinon Street
Farmington, NM 87401
TEL: (505) 564-2281
FAX

RE: COPC San Juan 29-7 #126

OrderNo.: 1603B96

Dear Emilee Skyles:

Hall Environmental Analysis Laboratory received 4 sample(s) on 3/24/2016 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.

Analytical Report

Lab Order 1603B96

Date Reported: 3/25/2016

CLIENT: Animas Environmental

Client Sample ID: SC-1

Project: COPC San Juan 29-7 #126

Collection Date: 3/23/2016 11:30:00 AM

Lab ID: 1603B96-001

Matrix: MEOH (SOIL)

Received Date: 3/24/2016 7:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	180	9.8		mg/Kg	1	3/24/2016 7:06:11 PM	24417
Surr: DNOP	78.5	70-130		%Rec	1	3/24/2016 7:06:11 PM	24417
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	79	3.1		mg/Kg	1	3/25/2016 2:20:19 AM	A33039
Surr: BFB	409	66.2-112	S	%Rec	1	3/25/2016 2:20:19 AM	A33039
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.016		mg/Kg	1	3/25/2016 2:20:19 AM	B33039
Toluene	ND	0.031		mg/Kg	1	3/25/2016 2:20:19 AM	B33039
Ethylbenzene	ND	0.031		mg/Kg	1	3/25/2016 2:20:19 AM	B33039
Xylenes, Total	0.15	0.062		mg/Kg	1	3/25/2016 2:20:19 AM	B33039
Surr: 4-Bromofluorobenzene	133	80-120	S	%Rec	1	3/25/2016 2:20:19 AM	B33039

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
D	Sample Diluted Due to Matrix	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P Sample pH Not In Range
R	RPD outside accepted recovery limits	RL Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-3

Project: COPC San Juan 29-7 #126

Collection Date: 3/23/2016 11:40:00 AM

Lab ID: 1603B96-002

Matrix: MEOH (SOIL)

Received Date: 3/24/2016 7:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	73	9.5		mg/Kg	1	3/24/2016 7:49:26 PM	24417
Surr: DNOP	83.2	70-130		%Rec	1	3/24/2016 7:49:26 PM	24417
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	86	3.1		mg/Kg	1	3/25/2016 2:43:42 AM	A33039
Surr: BFB	357	66.2-112	S	%Rec	1	3/25/2016 2:43:42 AM	A33039
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.016		mg/Kg	1	3/25/2016 2:43:42 AM	B33039
Toluene	ND	0.031		mg/Kg	1	3/25/2016 2:43:42 AM	B33039
Ethylbenzene	ND	0.031		mg/Kg	1	3/25/2016 2:43:42 AM	B33039
Xylenes, Total	0.43	0.063		mg/Kg	1	3/25/2016 2:43:42 AM	B33039
Surr: 4-Bromofluorobenzene	138	80-120	S	%Rec	1	3/25/2016 2:43:42 AM	B33039

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
D	Sample Diluted Due to Matrix	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P Sample pH Not In Range
R	RPD outside accepted recovery limits	RL Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-4

Project: COPC San Juan 29-7 #126

Collection Date: 3/23/2016 11:43:00 AM

Lab ID: 1603B96-003

Matrix: MEOH (SOIL)

Received Date: 3/24/2016 7:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	86	9.5		mg/Kg	1	3/24/2016 8:32:38 PM	24417
Surr: DNOP	102	70-130		%Rec	1	3/24/2016 8:32:38 PM	24417
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	30	4.6		mg/Kg	1	3/25/2016 3:07:20 AM	A33039
Surr: BFB	371	66.2-112	S	%Rec	1	3/25/2016 3:07:20 AM	A33039
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	3/25/2016 3:07:20 AM	B33039
Toluene	ND	0.046		mg/Kg	1	3/25/2016 3:07:20 AM	B33039
Ethylbenzene	ND	0.046		mg/Kg	1	3/25/2016 3:07:20 AM	B33039
Xylenes, Total	ND	0.093		mg/Kg	1	3/25/2016 3:07:20 AM	B33039
Surr: 4-Bromofluorobenzene	125	80-120	S	%Rec	1	3/25/2016 3:07:20 AM	B33039

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
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental **Client Sample ID:** SC-5
Project: COPC San Juan 29-7 #126 **Collection Date:** 3/23/2016 11:45:00 AM
Lab ID: 1603B96-004 **Matrix:** MEOH (SOIL) **Received Date:** 3/24/2016 7:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	560	9.9		mg/Kg	1	3/24/2016 9:15:45 PM	24417
Surr: DNOP	100	70-130		%Rec	1	3/24/2016 9:15:45 PM	24417
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	110	4.8		mg/Kg	1	3/25/2016 3:30:57 AM	A33039
Surr: BFB	583	66.2-112	S	%Rec	1	3/25/2016 3:30:57 AM	A33039
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/25/2016 3:30:57 AM	B33039
Toluene	ND	0.048		mg/Kg	1	3/25/2016 3:30:57 AM	B33039
Ethylbenzene	ND	0.048		mg/Kg	1	3/25/2016 3:30:57 AM	B33039
Xylenes, Total	1.4	0.096		mg/Kg	1	3/25/2016 3:30:57 AM	B33039
Surr: 4-Bromofluorobenzene	136	80-120	S	%Rec	1	3/25/2016 3:30:57 AM	B33039

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
D	Sample Diluted Due to Matrix	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P Sample pH Not In Range
R	RPD outside accepted recovery limits	RL Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 1603B96
 25-Mar-16

Client: Animas Environmental
Project: COPC San Juan 29-7 #126

Sample ID MB-24417	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 24417		RunNo: 33037							
Prep Date: 3/24/2016	Analysis Date: 3/24/2016		SeqNo: 1013556		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	7.8		10.00		78.3	70	130			

Sample ID LCS-24417	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 24417		RunNo: 33037							
Prep Date: 3/24/2016	Analysis Date: 3/24/2016		SeqNo: 1013808		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	37	10	50.00	0	74.2	65.8	136			
Surr: DNOP	4.1		5.000		81.9	70	130			

Sample ID LCS-24375	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 24375		RunNo: 33037							
Prep Date: 3/22/2016	Analysis Date: 3/24/2016		SeqNo: 1014202		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.1		5.000		103	70	130			

Sample ID MB-24375	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 24375		RunNo: 33037							
Prep Date: 3/22/2016	Analysis Date: 3/24/2016		SeqNo: 1014203		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.7		10.00		97.3	70	130			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1603B96

25-Mar-16

Client: Animas Environmental
Project: COPC San Juan 29-7 #126

Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	A33039	RunNo:	33039					
Prep Date:		Analysis Date:	3/24/2016	SeqNo:	1014095	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	1100		1000		107	66.2	112			

Sample ID	2.5UG GRO LCS	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	A33039	RunNo:	33039					
Prep Date:		Analysis Date:	3/24/2016	SeqNo:	1014096	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.2	80	120			
Surr: BFB	1100		1000		115	66.2	112			S

Sample ID	MB-24391	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	24391	RunNo:	33039					
Prep Date:	3/23/2016	Analysis Date:	3/24/2016	SeqNo:	1014105	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		103	66.2	112			

Sample ID	LCS-24391	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	24391	RunNo:	33039					
Prep Date:	3/23/2016	Analysis Date:	3/24/2016	SeqNo:	1014106	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		111	66.2	112			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1603B96

25-Mar-16

Client: Animas Environmental
Project: COPC San Juan 29-7 #126

Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	B33039	RunNo:	33039					
Prep Date:		Analysis Date:	3/24/2016	SeqNo:	1014128	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
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	100NG BTEX LCS	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	B33039	RunNo:	33039					
Prep Date:		Analysis Date:	3/24/2016	SeqNo:	1014129	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	95.6	75.3	123			
Toluene	0.98	0.050	1.000	0	97.9	80	124			
Ethylbenzene	1.0	0.050	1.000	0	100	82.8	121			
Xylenes, Total	3.0	0.10	3.000	0	99.7	83.9	122			
Surr: 4-Bromofluorobenzene	1.2		1.000		119	80	120			

Sample ID	MB-24391	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	24391	RunNo:	33039					
Prep Date:	3/23/2016	Analysis Date:	3/24/2016	SeqNo:	1014146	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		107	80	120			

Sample ID	LCS-24391	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	24391	RunNo:	33039					
Prep Date:	3/23/2016	Analysis Date:	3/24/2016	SeqNo:	1014147	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		113	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified



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: 1603B96

RcptNo: 1

Received by/date:	<i>[Signature]</i>	<i>[Signature]</i>
Logged By:	Lindsay Mangin	3/24/2016 7:30:00 AM
Completed By:	Lindsay Mangin	3/24/2016 7:59:16 AM
Reviewed By:	<i>[Signature]</i>	03/24/16

Chain of Custody

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

Log In

- Was an attempt made to cool the samples? Yes No NA
- Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
- Sample(s) in proper container(s)? Yes No
- Sufficient sample volume for indicated test(s)? Yes No
- Are samples (except VOA and ONG) properly preserved? Yes No
- Was preservative added to bottles? Yes No NA
- VOA vials have zero headspace? Yes No No VOA Vials
- Were any sample containers received broken? Yes No
- Does paperwork match bottle labels? Yes No
- Are matrices correctly identified on Chain of Custody? Yes No
- Is it clear what analyses were requested? Yes No
- Were all holding times able to be met? Yes No

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

Special Handling (if applicable)

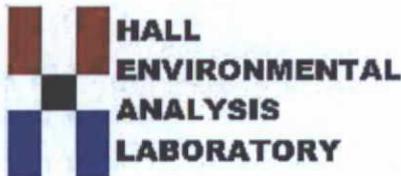
- Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	_____	Date	_____
By Whom:	_____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> 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	1.2	Good	Yes			



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

March 25, 2016

Emilee Skyles
Animas Environmental
604 Pinon Street
Farmington, NM 87401
TEL: (505) 564-2281
FAX

RE: COPC San Juan 29-7 #126

OrderNo.: 1603B97

Dear Emilee Skyles:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/24/2016 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: COPC San Juan 29-7 #126 **Collection Date:** 3/23/2016 11:35:00 AM
Lab ID: 1603B97-001 **Matrix:** MEOH (SOIL) **Received Date:** 3/24/2016 7:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	160	9.4		mg/Kg	1	3/24/2016 10:42:14 AM	24417
Surr: DNOP	76.9	70-130		%Rec	1	3/24/2016 10:42:14 AM	24417
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	99	6.1		mg/Kg	2	3/24/2016 10:39:24 AM	A33039
Surr: BFB	446	66.2-112	S	%Rec	2	3/24/2016 10:39:24 AM	A33039
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.031		mg/Kg	2	3/24/2016 10:39:24 AM	B33039
Toluene	ND	0.061		mg/Kg	2	3/24/2016 10:39:24 AM	B33039
Ethylbenzene	0.36	0.061		mg/Kg	2	3/24/2016 10:39:24 AM	B33039
Xylenes, Total	1.6	0.12		mg/Kg	2	3/24/2016 10:39:24 AM	B33039
Surr: 4-Bromofluorobenzene	127	80-120	S	%Rec	2	3/24/2016 10:39:24 AM	B33039

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
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1603B97
25-Mar-16

Client: Animas Environmental
Project: COPC San Juan 29-7 #126

Sample ID MB-24417	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 24417		RunNo: 33037							
Prep Date: 3/24/2016	Analysis Date: 3/24/2016		SeqNo: 1013556		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	7.8		10.00		78.3	70	130			

Sample ID LCS-24417	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 24417		RunNo: 33037							
Prep Date: 3/24/2016	Analysis Date: 3/24/2016		SeqNo: 1013808		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	37	10	50.00	0	74.2	65.8	136			
Surr: DNOP	4.1		5.000		81.9	70	130			

Sample ID LCS-24375	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 24375		RunNo: 33037							
Prep Date: 3/22/2016	Analysis Date: 3/24/2016		SeqNo: 1014202		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.1		5.000		103	70	130			

Sample ID MB-24375	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 24375		RunNo: 33037							
Prep Date: 3/22/2016	Analysis Date: 3/24/2016		SeqNo: 1014203		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.7		10.00		97.3	70	130			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1603B97
25-Mar-16

Client: Animas Environmental
Project: COPC San Juan 29-7 #126

Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	A33039	RunNo:	33039					
Prep Date:		Analysis Date:	3/24/2016	SeqNo:	1014095	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	1100		1000		107	66.2	112			

Sample ID	2.5UG GRO LCS	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	A33039	RunNo:	33039					
Prep Date:		Analysis Date:	3/24/2016	SeqNo:	1014096	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.2	80	120			
Surr: BFB	1100		1000		115	66.2	112			S

Sample ID	MB-24391	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	24391	RunNo:	33039					
Prep Date:	3/23/2016	Analysis Date:	3/24/2016	SeqNo:	1014105	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		103	66.2	112			

Sample ID	LCS-24391	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	24391	RunNo:	33039					
Prep Date:	3/23/2016	Analysis Date:	3/24/2016	SeqNo:	1014106	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		111	66.2	112			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 1603B97
 25-Mar-16

Client: Animas Environmental
Project: COPC San Juan 29-7 #126

Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	B33039	RunNo:	33039					
Prep Date:		Analysis Date:	3/24/2016	SeqNo:	1014128	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
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	100NG BTEX LCS	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	B33039	RunNo:	33039					
Prep Date:		Analysis Date:	3/24/2016	SeqNo:	1014129	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	95.6	75.3	123			
Toluene	0.98	0.050	1.000	0	97.9	80	124			
Ethylbenzene	1.0	0.050	1.000	0	100	82.8	121			
Xylenes, Total	3.0	0.10	3.000	0	99.7	83.9	122			
Surr: 4-Bromofluorobenzene	1.2		1.000		119	80	120			

Sample ID	MB-24391	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	24391	RunNo:	33039					
Prep Date:	3/23/2016	Analysis Date:	3/24/2016	SeqNo:	1014146	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		107	80	120			

Sample ID	LCS-24391	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	24391	RunNo:	33039					
Prep Date:	3/23/2016	Analysis Date:	3/24/2016	SeqNo:	1014147	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		113	80	120			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |



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: 1603B97

RcptNo: 1

Received by/date: *[Signature]* 03/24/16

Logged By: Lindsay Mangin 3/24/2016 7:30:00 AM *[Signature]*

Completed By: Lindsay Mangin 3/24/2016 8:05:19 AM *[Signature]*

Reviewed By: *[Signature]* 03/24/16

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	1.2	Good	Yes			

