

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

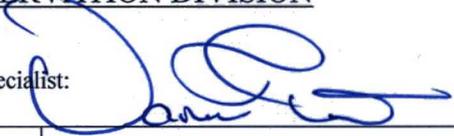
Name of Company Burlington Resources, a Wholly Owned Subsidiary of ConocoPhillips Company	Contact Lisa Hunter
Address 3401 East 30th St, Farmington, NM	Telephone No. (505) 258-1607
Facility Name: San Juan 28-4 Unit 30E	Facility Type: Gas Well
Surface Owner USFS	Mineral Owner Federal (SF-079732)
API No. 3003929433	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	31	28N	04W	2480	South	1060	East	Rio Arriba

Latitude 36.61573 Longitude -107.28678

NATURE OF RELEASE

Type of Release Hydrocarbon	Volume of Release Unknown	Volume Recovered 76 yds
Source of Release Historic Contamination – Flow Line	Date and Hour of Occurrence N/A	Date and Hour of Discovery 07/05/16 @ 10:00 a.m.
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? OCD (Cory Smith); USFS (JJ Miller)	
By Whom? Lisa Hunter	Date and Hour Via Email and phone 07/05/16 2:50 pm	
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.* Historic contamination discovered while removing a flow line during P&A activities. Third-party environmental contacted to conduct confirmation sampling through excavation.		
Describe Area Affected and Cleanup Action Taken.* Historical hydrocarbon impacted soil was found during the P&A activities for the subject well. The excavation was 9.5' x 27' x 8' in depth. 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	
Printed Name: Lisa Hunter	Approved by Environmental Specialist: 	
Title: Field Environmental Specialist	Approval Date: 1/20/2017	Expiration Date:
E-mail Address: Lisa.Hunter@cop.com	Conditions of Approval: NVF1702033589	Attached <input type="checkbox"/>
Date: January 3, 2017	Phone: (505) 258-1607	

* Attach Additional Sheets If Necessary

26



November 29, 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 28-4 Unit 30E
Rio Arriba County, New Mexico**

OIL CONS. DIV DIST. 3
JAN 09 2017

Dear Ms. Hunter:

On July 6, 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 28-4 Unit 30E, located in Rio Arriba County, New Mexico. The release consisted of historic contamination discovered beneath the production tank at the location. The initial release assessment was completed by AES on July 6, 2016, and the final excavation was completed by COPC contractors at the location on the same day.

1.0 Site Information

1.1 Location

Site Name – San Juan 28-4 Unit 30E
Legal Description – NE¼ SE¼, Section 31, T28N, R4W, Rio Arriba County, New Mexico
Well Latitude/Longitude – N36.61554 and W107.28673, respectively
Release Latitude/Longitude – N36.61573 and W107.28678, respectively
Land Jurisdiction – U.S. Forest Service (USFS)
Figure 1. Topographic Site Location Map
Figure 2. Aerial Site Map, June 2016

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

1911 Main, Ste 206
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 10 based on the following factors:

- **Depth to Groundwater:** Based on elevation, topographic interpretation and visual reconnaissance in addition to a Pit Remediation Report form dated January 2016, the depth to groundwater is reported as greater than 100 feet below ground surface (bgs). (0 points)
- **Wellhead Protection Area:** The tank location is not within a wellhead protection area. (0 points)
- **Distance to Surface Water Body:** An unnamed drainage which drains into Vigas Canyon is located approximately 410 feet east of the production tanks. (10 points)

1.3 Assessment

AES was initially contacted by Lisa Hunter of COPC on July 5, 2016, and on July 6, 2016, Sam Glasses of AES completed the release assessment field work. The assessment included collection and field sampling of 14 soil samples from five assessment trenches in and around the release area. Assessment trenches were terminated at approximately 8 feet below grade. Based on field sampling results, AES recommended further excavation of the release area. Sample locations are shown on Figure 3.

On the same day, AES collected confirmation soil samples of the excavation extents. 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 9.5 feet by 27 feet by 8 feet in depth. Note that the depth of the excavation was limited due to a confining sandstone unit at 8 feet bgs. Sample locations and final excavation extents are presented on Figure 4.

2.0 Soil Sampling

A total of 19 soil samples, including 14 samples from the assessment trenches (TH-1 through TH-5) and 5 composite samples (SC-1 through SC-5), were collected during the assessment and excavation clearance. All soil samples were field screened for volatile organic compounds (VOCs), and selected samples were also analyzed for total petroleum hydrocarbons (TPH). All composite samples (SC-1 through SC-5) 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 8021B; and
- TPH for gasoline range organics (GRO) and diesel range organics (DRO) per USEPA Method 8015D.

2.3 Field and Laboratory Analytical Results

On July 6, 2016, initial assessment field screening results for VOCs via OVM showed concentrations ranging from 0.0 ppm in TH-2 through TH-5 up to 2,533 ppm in TH-1. Field TPH concentrations ranged from less than 20.0 mg/kg in TH-2 through TH-5 up to 2,650 mg/kg in TH-1.

On the same day, final excavation field screening results for VOCs via OVM ranged from 1.1 ppm in SC-2 up to 434 ppm in SC-5. Field TPH concentrations ranged from 21.4 mg/kg in SC-3 up to 469 mg/kg in SC-5. Results are included below in Table 1 and on Figures 3 and 4. The AES Field Sampling Report is attached.

Table 1. Soil Field VOCs and TPH Results
 San Juan 28-4 Unit 30E Initial Release Assessment and Final Excavation
 July 2016

Sample ID	Date Sampled	Sample Depth (ft bgs)	VOCs via OVM (ppm)	TPH 418.1 (mg/kg)
<i>NMOCD Action Level*</i>			100	1,000
TH-1	7/6/16	4	2,533	2,250
		6	2,460	2,650
		8	899	284
TH-2	7/6/16	0.5	0.0	NA
		2	0.0	NA
		4	0.0	NA
		6	0.1	NA
		8	0.0	<20.0
TH-3	7/6/16	4	0.0	NA
		8	0.0	<20.0
TH-4	7/6/16	4	0.0	NA
		8	0.0	<20.0
TH-5	7/6/16	4	0.0	NA
		8	0.0	<20.0
SC-1	7/6/16	0 to 8	32.2	39.5
SC-2	7/6/16	0 to 8	1.1	26.3
SC-3	7/6/16	0 to 8	1.2	21.4
SC-4	7/6/16	0 to 8	125	67.6
SC-5	7/6/16	8	434	469

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 through SC-5 were used to confirm field sampling results from the final excavation. Benzene and total BTEX concentrations were reported below laboratory detection limits in all samples. TPH concentrations as GRO/DRO ranged from below detection limits in SC-2 and SC-3 up to 170 mg/kg in SC-5. Results are presented in Table 2 and on Figure 4. The laboratory analytical report is attached.

Table 2. Laboratory Analytical Results – Benzene, Total BTEX, and TPH
 San Juan 28-4 Unit 30E Initial Release Assessment and Final Excavation
 July 2016

Sample ID	Date Sampled	Sample Depth (ft bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	GRO (mg/kg)	DRO (mg/kg)
NMOCD Action Level*			10	50	1,000	
SC-1	7/6/16	0 to 8	<0.025	<0.225	<5.0	14
SC-2	7/6/16	0 to 8	<0.023	<0.207	<4.6	<9.8
SC-3	7/6/16	0 to 8	<0.024	<0.212	<4.7	<9.5
SC-4	7/6/16	0 to 8	<0.024	<0.213	<4.7	33
SC-5	7/6/16	8	<0.015	<0.138	20	150

*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 July 6, 2016, AES conducted an initial assessment of petroleum contaminated soils associated with a historic release of produced water and condensate at the San Juan 28-4 Unit 30E. 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 TH-1. The highest VOC concentration was reported in TH-1 with 2,533 ppm, and the highest TPH concentration was also reported in TH-1 with 2,650 mg/kg. Based on these results, excavation of petroleum contaminated soils was recommended.

On the same day, final excavation of the impacted area was completed. Final excavation dimensions were approximately 9.5 feet by 27 feet by 8 feet in depth. Field sampling results of the excavation extents showed that VOC concentrations exceeded applicable NMOCD action levels for the excavation base, which had a VOC concentration of 434 ppm, but were below NMOCD action levels for the final walls of the excavation, except for SC-4 (west wall) with a VOC concentration of 125 ppm. However, all field TPH concentrations were below the applicable NMOCD action level of 1,000 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 applicable NMOCD action levels in all samples.

Based on final field sampling and laboratory analytical results of the excavation of petroleum contaminated soils at the San Juan 28-4 Unit 30E, 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 Elizabeth McNally at (505) 564-2281.

Sincerely,



David J. Reese
Environmental Scientist

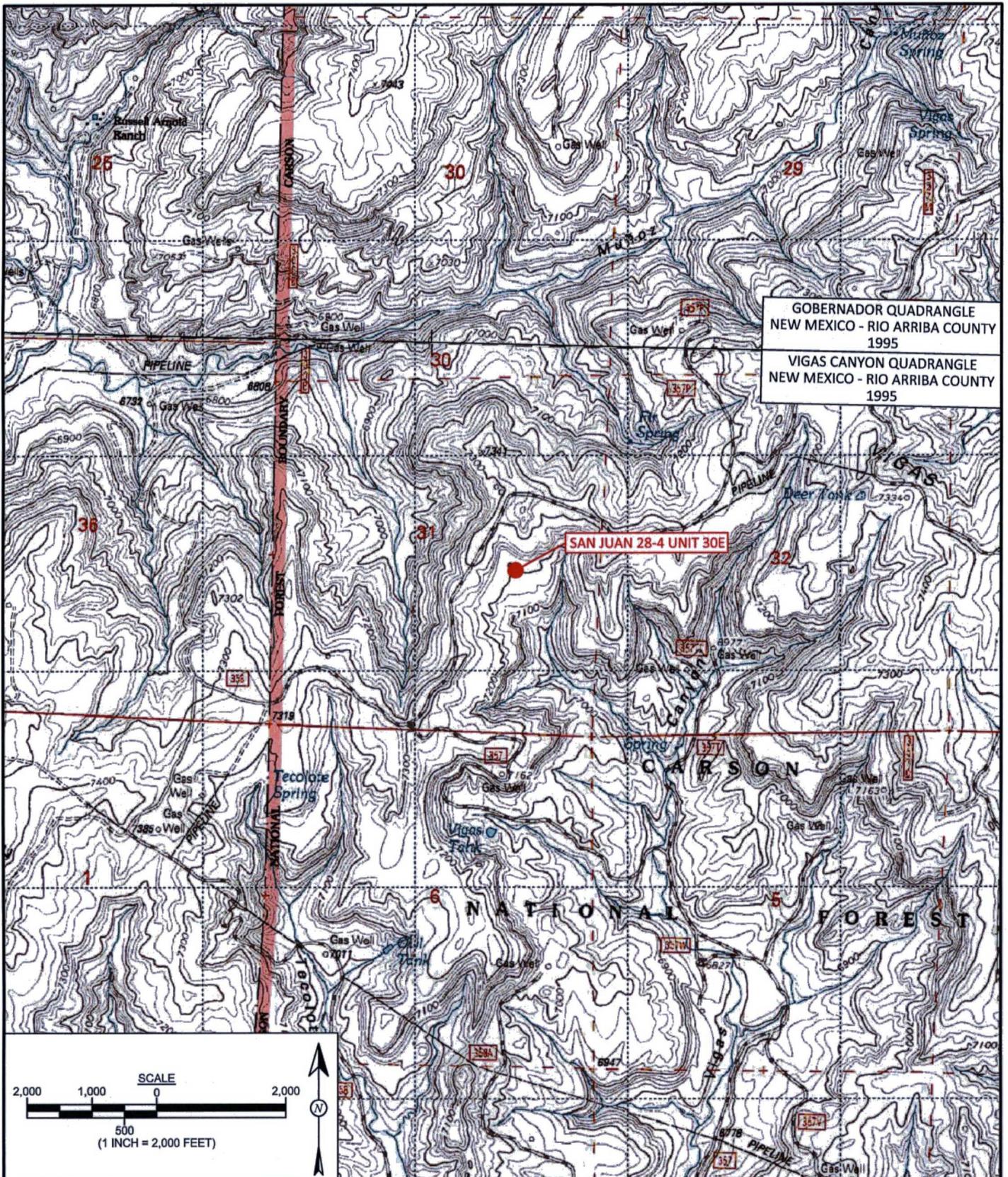


Elizabeth McNally, PE

Attachments:

- Figure 1. Topographic Site Location Map
- Figure 2. Aerial Site Map, June 2016
- Figure 3. Release Assessment Sample Locations and Results, July 2016
- Figure 4. Final Excavation Sample Locations and Results, July 2016
- AES Field Sampling Report 070616
- Hall Laboratory Analytical Report 1607259

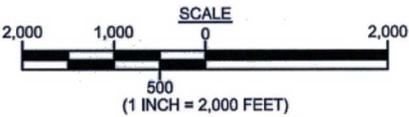
\\SVRMAIN2\Shared\Animas 2000\Dropbox (Animas Environmental)\0000 AES Server Client Projects
Dropbox\2016 Client Projects\ConocoPhillips\SJ 28-4 Unit 30E\Release Assessment\COPC SJ 28-4 Unit 30E
Release and Final Excavation Report 112916.docx



GOVERNADOR QUADRANGLE
NEW MEXICO - RIO ARRIBA COUNTY
1995

VIGAS CANYON QUADRANGLE
NEW MEXICO - RIO ARRIBA COUNTY
1995

SAN JUAN 28-4 UNIT 30E



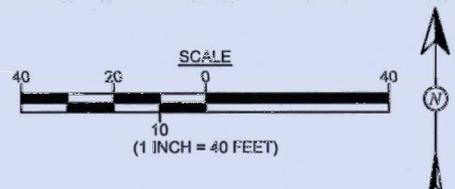
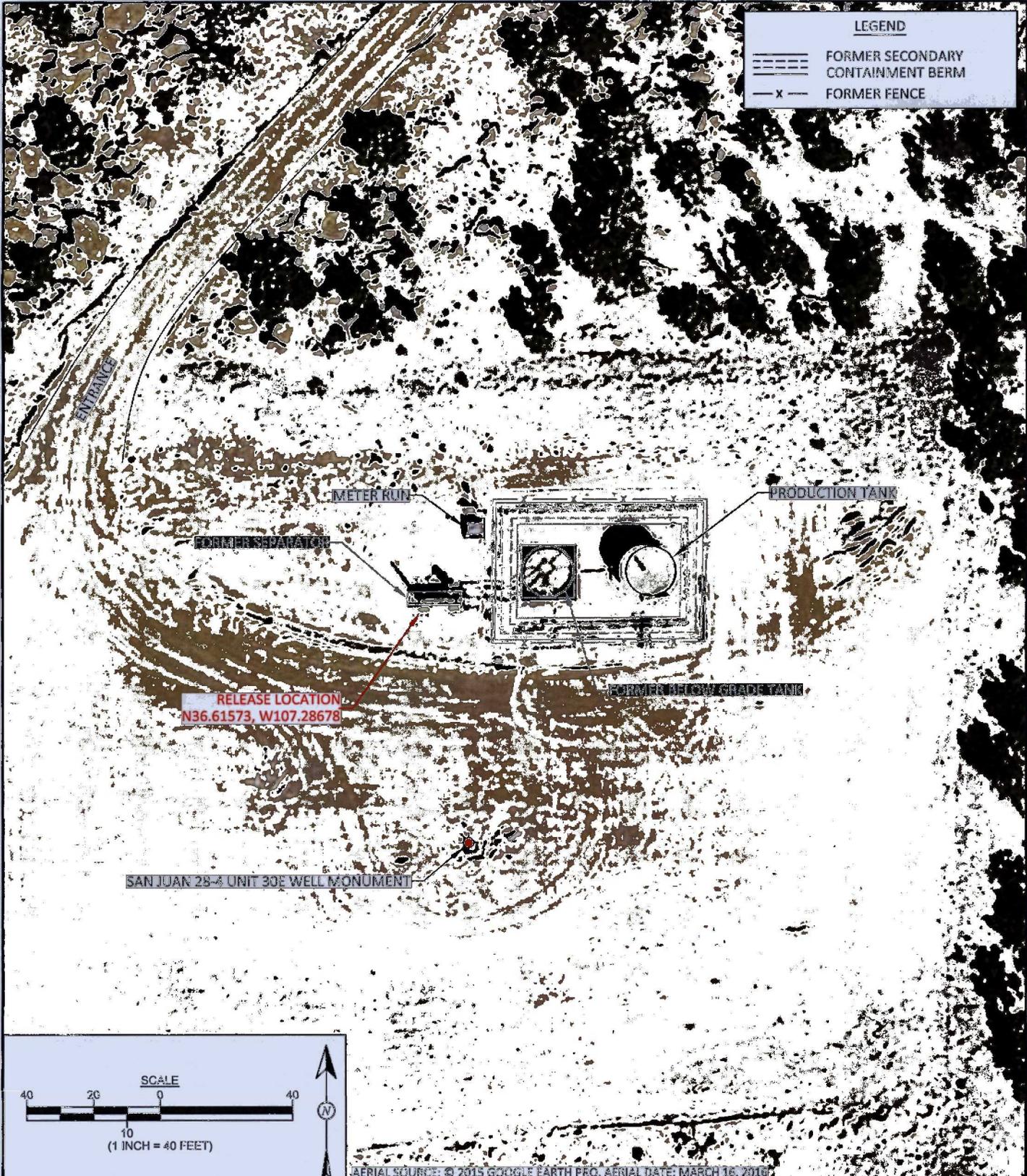
**animas
environmental
services**
Farmington, NM • Durango, CO
animasenvironmental.com

DRAWN BY: S. Glasses	DATE DRAWN: July 1, 2016
REVISIONS BY: S. Glasses	DATE REVISED: July 1, 2016
CHECKED BY: D. Reese	DATE CHECKED: November 29, 2016
APPROVED BY: E. McNally	DATE APPROVED: November 29, 2016

FIGURE 1

TOPOGRAPHIC SITE LOCATION MAP
ConocoPhillips
SAN JUAN 28-4 UNIT 30E
NE¼ SE¼, SECTION 31, T28N, R4W
RIO ARRIBA COUNTY, NEW MEXICO
N36.61554, W107.28673

LEGEND	
	FORMER SECONDARY CONTAINMENT BERM
	FORMER FENCE



AERIAL SOURCE: © 2015 GOOGLE EARTH PRO, AERIAL DATE: MARCH 16, 2010



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

DRAWN BY: C. Lameman	DATE DRAWN: July 7, 2016
REVISIONS BY: C. Lameman	DATE REVISED: November 29, 2016
CHECKED BY: D. Reese	DATE CHECKED: November 29, 2016
APPROVED BY: E. McNally	DATE APPROVED: November 29, 2016

FIGURE 2
**AERIAL SITE MAP
JUNE 2016**
ConocoPhillips
SAN JUAN 28-4 UNIT 30E
NE¼ SE¼, SECTION 31, T28N, R4W
RIO ARriba COUNTY, NEW MEXICO
N36.61554, W107.28673

FIGURE 3

RELEASE ASSESSMENT SAMPLE LOCATIONS AND RESULTS JULY 2016
 ConocoPhillips
 SAN JUAN 28-4 UNIT 30E
 NE¼, SE¼, SECTION 31, T28N, R4W
 RIO ARRIBA COUNTY, NEW MEXICO
 N36.61554, W107.28673



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

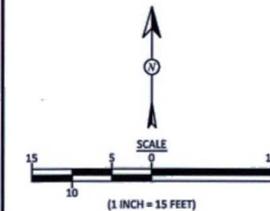
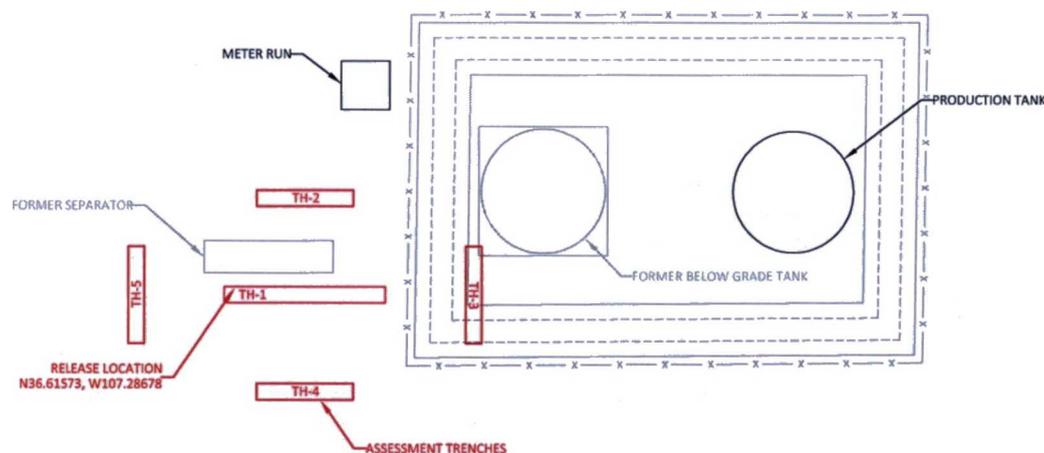
DRAWN BY: S. Glasses	DATE DRAWN: July 8, 2016
REVISIONS BY: C. Lameman	DATE REVISED: November 29, 2016
CHECKED BY: D. Reese	DATE CHECKED: November 29, 2016
APPROVED BY: E. McNally	DATE APPROVED: November 29, 2016

LEGEND

- FORMER SECONDARY CONTAINMENT BERM
- FORMER FENCE

Field Sampling Results				
Sample ID	Date	Depth (ft)	OVM-PID (ppm)	TPH (mg/kg)
NMOC D ACTION LEVEL			100	1,000
TH-1	7/6/16	4	2,533	2,250
		6	2,460	2,650
		8	899	284
TH-2	7/6/16	0.5	0.0	NA
		2	0.0	NA
		4	0.0	NA
		6	0.1	NA
TH-3	7/6/16	4	0.0	NA
		8	0.0	<20.0
TH-4	7/6/16	4	0.0	NA
		8	0.0	<20.0
TH-5	7/6/16	4	0.0	NA
		8	0.0	<20.0

NA - NOT ANALYZED



AES Field Sampling Report

Animas Environmental Services, LLC



Client: ConocoPhillips

Project Location: San Juan 28-4 Unit 30E

Date: 7/6/2016

Matrix: Soil

Sample ID	Collection Date	Collection Time	OVN (ppm)	Field TPH* (mg/kg)	Field TPH Analysis Time	TPH PQL (mg/kg)	DF	TPH Analysts Initials
TH-1 @ 4'	7/6/2016	9:24	2,533	2,246	10:02	20.0	1	SHG
TH-1 @ 6'	7/6/2016	9:32	2,460	2,648	10:05	20.0	1	SHG
TH-1 @ 8'	7/6/2016	9:50	899	284	10:09	20.0	1	SHG
TH-2 @ 0.5'	7/6/2016	10:24	0.0	<i>Not Analyzed for TPH</i>				
TH-2 @ 2'	7/6/2016	10:30	0.0	<i>Not Analyzed for TPH</i>				
TH-2 @ 4'	7/6/2016	10:35	0.0	<i>Not Analyzed for TPH</i>				
TH-2 @ 6'	7/6/2016	10:41	0.1	<i>Not Analyzed for TPH</i>				
TH-2 @ 8'	7/6/2016	10:48	0.0	19.7	11:00	20.0	1	SHG
TH-3 @ 4'	7/6/2016	11:08	0.0	<i>Not Analyzed for TPH</i>				
TH-3 @ 8'	7/6/2016	11:14	0.0	8.2	11:28	20.0	1	SHG
TH-4 @ 4'	7/6/2016	11:30	0.0	<i>Not Analyzed for TPH</i>				
TH-4 @ 8'	7/6/2016	11:38	0.0	14.8	11:45	20.0	1	SHG
TH-5 @ 4'	7/6/2016	11:54	0.0	<i>Not Analyzed for TPH</i>				
TH-5 @ 8'	7/6/2016	12:02	0.0	18.1	12:14	20.0	1	SHG

Sample ID	Collection Date	Collection Time	OVM (ppm)	Field TPH* (mg/kg)	Field TPH Analysis Time	TPH PQL (mg/kg)	DF	TPH Analysts Initials
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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: 



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

July 12, 2016

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

RE: COPC San Juan 28-4 Unit 30E

OrderNo.: 1607259

Dear Emilee Skyles:

Hall Environmental Analysis Laboratory received 5 sample(s) on 7/7/2016 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', is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental
Project: COPC San Juan 28-4 Unit 30E
Lab ID: 1607259-001

Matrix: SOIL

Client Sample ID: SC-1
Collection Date: 7/6/2016 2:54:00 PM
Received Date: 7/7/2016 6:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	14	9.7		mg/Kg	1	7/8/2016 12:58:14 PM	26283
Surr: DNOP	91.8	70-130		%Rec	1	7/8/2016 12:58:14 PM	26283
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/8/2016 4:03:43 PM	26286
Surr: BFB	133	80-120	S	%Rec	1	7/8/2016 4:03:43 PM	26286
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	7/8/2016 4:03:43 PM	26286
Toluene	ND	0.050		mg/Kg	1	7/8/2016 4:03:43 PM	26286
Ethylbenzene	ND	0.050		mg/Kg	1	7/8/2016 4:03:43 PM	26286
Xylenes, Total	ND	0.10		mg/Kg	1	7/8/2016 4:03:43 PM	26286
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	7/8/2016 4:03:43 PM	26286

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
Project: COPC San Juan 28-4 Unit 30E
Lab ID: 1607259-002

Matrix: SOIL

Client Sample ID: SC-2
Collection Date: 7/6/2016 2:30:00 PM
Received Date: 7/7/2016 6:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/8/2016 1:20:14 PM	26283
Surr: DNOP	90.5	70-130		%Rec	1	7/8/2016 1:20:14 PM	26283
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/8/2016 5:14:37 PM	26286
Surr: BFB	105	80-120		%Rec	1	7/8/2016 5:14:37 PM	26286
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	7/8/2016 5:14:37 PM	26286
Toluene	ND	0.046		mg/Kg	1	7/8/2016 5:14:37 PM	26286
Ethylbenzene	ND	0.046		mg/Kg	1	7/8/2016 5:14:37 PM	26286
Xylenes, Total	ND	0.092		mg/Kg	1	7/8/2016 5:14:37 PM	26286
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	7/8/2016 5:14:37 PM	26286

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 28-4 Unit 30E **Collection Date:** 7/6/2016 1:58:00 PM
Lab ID: 1607259-003 **Matrix:** SOIL **Received Date:** 7/7/2016 6:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/8/2016 1:42:18 PM	26283
Surr: DNOP	94.9	70-130		%Rec	1	7/8/2016 1:42:18 PM	26283
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/8/2016 6:25:19 PM	26286
Surr: BFB	103	80-120		%Rec	1	7/8/2016 6:25:19 PM	26286
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	7/8/2016 6:25:19 PM	26286
Toluene	ND	0.047		mg/Kg	1	7/8/2016 6:25:19 PM	26286
Ethylbenzene	ND	0.047		mg/Kg	1	7/8/2016 6:25:19 PM	26286
Xylenes, Total	ND	0.094		mg/Kg	1	7/8/2016 6:25:19 PM	26286
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	7/8/2016 6:25:19 PM	26286

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
Project: COPC San Juan 28-4 Unit 30E
Lab ID: 1607259-004

Matrix: SOIL

Client Sample ID: SC-4
Collection Date: 7/6/2016 2:11:00 PM
Received Date: 7/7/2016 6:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	33	9.9		mg/Kg	1	7/8/2016 2:04:17 PM	26283
Surr: DNOP	94.3	70-130		%Rec	1	7/8/2016 2:04:17 PM	26283
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/8/2016 8:22:45 PM	26286
Surr: BFB	128	80-120	S	%Rec	1	7/8/2016 8:22:45 PM	26286
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	7/8/2016 8:22:45 PM	26286
Toluene	ND	0.047		mg/Kg	1	7/8/2016 8:22:45 PM	26286
Ethylbenzene	ND	0.047		mg/Kg	1	7/8/2016 8:22:45 PM	26286
Xylenes, Total	ND	0.095		mg/Kg	1	7/8/2016 8:22:45 PM	26286
Surr: 4-Bromofluorobenzene	98.5	80-120		%Rec	1	7/8/2016 8:22:45 PM	26286

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 28-4 Unit 30E**Collection Date:** 7/6/2016 1:50:00 PM**Lab ID:** 1607259-005**Matrix:** MEOH (SOIL)**Received Date:** 7/7/2016 6:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	150	9.5		mg/Kg	1	7/7/2016 10:34:19 AM	26272
Surr: DNOP	92.7	70-130		%Rec	1	7/7/2016 10:34:19 AM	26272
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	20	3.1		mg/Kg	1	7/7/2016 12:37:35 PM	26258
Surr: BFB	717	80-120	S	%Rec	1	7/7/2016 12:37:35 PM	26258
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.015		mg/Kg	1	7/7/2016 12:37:35 PM	26258
Toluene	ND	0.031		mg/Kg	1	7/7/2016 12:37:35 PM	26258
Ethylbenzene	ND	0.031		mg/Kg	1	7/7/2016 12:37:35 PM	26258
Xylenes, Total	ND	0.061		mg/Kg	1	7/7/2016 12:37:35 PM	26258
Surr: 4-Bromofluorobenzene	110	80-120		%Rec	1	7/7/2016 12:37:35 PM	26258

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#: 1607259
12-Jul-16

Client: Animas Environmental
Project: COPC San Juan 28-4 Unit 30E

Sample ID	LCS-26272	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	26272	RunNo:	35475					
Prep Date:	7/7/2016	Analysis Date:	7/7/2016	SeqNo:	1098160	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	10	50.00	0	81.7	62.6	124			
Surr: DNOP	4.2		5.000		83.4	70	130			

Sample ID	MB-26272	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	26272	RunNo:	35475					
Prep Date:	7/7/2016	Analysis Date:	7/7/2016	SeqNo:	1098161	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	9.0		10.00		90.5	70	130			

Sample ID	LCS-26283	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	26283	RunNo:	35512					
Prep Date:	7/7/2016	Analysis Date:	7/8/2016	SeqNo:	1100013	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	74.1	62.6	124			
Surr: DNOP	4.0		5.000		79.2	70	130			

Sample ID	MB-26283	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	26283	RunNo:	35512					
Prep Date:	7/7/2016	Analysis Date:	7/8/2016	SeqNo:	1100014	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	7.9		10.00		79.2	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
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1607259
12-Jul-16

Client: Animas Environmental
Project: COPC San Juan 28-4 Unit 30E

Sample ID MB-26258	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 26258	RunNo: 35484								
Prep Date: 7/6/2016	Analysis Date: 7/7/2016	SeqNo: 1098917							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	1000		1000		100	80	120			

Sample ID LCS-26258	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 26258	RunNo: 35484								
Prep Date: 7/6/2016	Analysis Date: 7/7/2016	SeqNo: 1098918							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	101	80	120			
Surr: BFB	1100		1000		108	80	120			

Sample ID MB-26286	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 26286	RunNo: 35527								
Prep Date: 7/7/2016	Analysis Date: 7/8/2016	SeqNo: 1100342							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	1000		1000		102	80	120			

Sample ID LCS-26286	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 26286	RunNo: 35527								
Prep Date: 7/7/2016	Analysis Date: 7/8/2016	SeqNo: 1100343							Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	80	120			
Surr: BFB	1100		1000		112	80	120			

Sample ID 1607259-002AMS	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: SC-2	Batch ID: 26286	RunNo: 35527								
Prep Date: 7/7/2016	Analysis Date: 7/8/2016	SeqNo: 1100346							Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	4.7	23.54	0	119	59.3	143			
Surr: BFB	1100		941.6		115	80	120			

Sample ID 1607259-002AMSD	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: SC-2	Batch ID: 26286	RunNo: 35527								
Prep Date: 7/7/2016	Analysis Date: 7/8/2016	SeqNo: 1100347							Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 1607259
 12-Jul-16

Client: Animas Environmental
Project: COPC San Juan 28-4 Unit 30E

Sample ID	1607259-002AMSD	SampType:	MSD	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	SC-2	Batch ID:	26286	RunNo:	35527					
Prep Date:	7/7/2016	Analysis Date:	7/8/2016	SeqNo:	1100347	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	4.8	24.04	0	122	59.3	143	4.54	20	
Surr: BFB	1100		961.5		117	80	120	0	0	

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1607259

12-Jul-16

Client: Animas Environmental
Project: COPC San Juan 28-4 Unit 30E

Sample ID MB-26258	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 26258		RunNo: 35484							
Prep Date: 7/6/2016	Analysis Date: 7/7/2016		SeqNo: 1098935		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	0.96		1.000		96.3	80	120			

Sample ID LCS-26258	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 26258		RunNo: 35484							
Prep Date: 7/6/2016	Analysis Date: 7/7/2016		SeqNo: 1098936		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	99.2	75.3	123			
Toluene	0.99	0.050	1.000	0	99.4	80	124			
Ethylbenzene	1.0	0.050	1.000	0	100	82.8	121			
Xylenes, Total	3.0	0.10	3.000	0	100	83.9	122			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			

Sample ID MB-26286	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 26286		RunNo: 35527							
Prep Date: 7/7/2016	Analysis Date: 7/8/2016		SeqNo: 1100371		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	0.99		1.000		98.9	80	120			

Sample ID LCS-26286	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 26286		RunNo: 35527							
Prep Date: 7/7/2016	Analysis Date: 7/8/2016		SeqNo: 1100372		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	98.6	75.3	123			
Toluene	0.96	0.050	1.000	0	95.8	80	124			
Ethylbenzene	0.98	0.050	1.000	0	98.3	82.8	121			
Xylenes, Total	2.9	0.10	3.000	0	97.6	83.9	122			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 1607259
 12-Jul-16

Client: Animas Environmental
Project: COPC San Juan 28-4 Unit 30E

Sample ID	1607259-001AMS	SampType:	MS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	SC-1	Batch ID:	26286	RunNo:	35527					
Prep Date:	7/7/2016	Analysis Date:	7/8/2016	SeqNo:	1100374	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.024	0.9515	0	112	71.5	122			
Toluene	1.1	0.048	0.9515	0	114	71.2	123			
Ethylbenzene	1.1	0.048	0.9515	0.01149	115	75.2	130			
Xylenes, Total	3.3	0.095	2.854	0.04077	115	72.4	131			
Surr: 4-Bromofluorobenzene	1.0		0.9515		107	80	120			

Sample ID	1607259-001AMSD	SampType:	MSD	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	SC-1	Batch ID:	26286	RunNo:	35527					
Prep Date:	7/7/2016	Analysis Date:	7/8/2016	SeqNo:	1100375	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.023	0.9381	0	108	71.5	122	4.89	20	
Toluene	1.0	0.047	0.9381	0	111	71.2	123	3.91	20	
Ethylbenzene	1.1	0.047	0.9381	0.01149	114	75.2	130	2.31	20	
Xylenes, Total	3.2	0.094	2.814	0.04077	113	72.4	131	3.15	20	
Surr: 4-Bromofluorobenzene	0.99		0.9381		105	80	120	0	0	

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 N.E.
 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: 1607259

RcptNo: 1

Received by/date:

AG

07/07/16

Logged By: Ashley Gallegos

7/7/2016 6:00:00 AM

AG

Completed By: Ashley Gallegos

7/7/2016 6:38:59 AM

AG

Reviewed By:

[Signature]

07/07/16

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 # of preserved bottles checked for pH: Adjusted? (<2 or >12 unless noted)
- 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 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**

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

Phone #: **505-564-2281**

Email or Fax#: **eskyles@animasenvironmental.com**

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

Accreditation:
 NELAP Other _____

Method (Type) _____

Project Name: **COPC San Juan 28-4 Unit 30E**

Project #: _____

Project Manager: **E. Skyles**

Sampler: **E. Skyles**

On Ice: Yes No

Sample Temperature: **1-D**



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/DRO)	Chlorides - 300.0	Air Bubbles (Y or N)
7/6/16	14:54	Soil	SC-1	1-4 oz.	cool	1607259 -001	X	X		
7/6/16	14:30	Soil	SC-2	1-4 oz.	cool	-002	X	X		
7/6/16	13:58	Soil	SC-3	1-4 oz.	cool	-003	X	X		
7/6/16	14:11	Soil	SC-4	1-4 oz.	cool	-004	X	X		
7/6/16	13:50	Soil	SC-5	1-4 oz. 1- MeOH Kit	cool MeOH	-005	X	X		

Relinquished by: *Christina Walker* 7/6/16 1808
 Received by: *Christina Walker* 7/6/16 1808
 Remarks: **SC-1 to SC-4 3-day TAT; SC-5 SAME DAY TAT**
 Bill to Conoco Phillips
 WO #10383477
 Supervisor: Clayton Hamilton
 USERID: KGARCIA
 Area: 8
 Ordered by: Lisa Hunter

Relinquished by: *Christina Walker* 6/16 1946
 Received by: *[Signature]* 07/07/16 0600

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.