

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 ConocoPhillips Company	Contact Crystal Walker
Address 3401 East 30 th St, Farmington, NM	Telephone No.(505) 326-9837
Facility Name: San Juan 29-6 Unit 86M	Facility Type: Gas Well
Surface Owner FEDERAL	Mineral Owner FEDERAL
API No. 30-039-26443	

LOCATION OF RELEASE

Unit Letter C	Section 27	Township 29N	Range 6W	Feet from the 1190	North/South Line North	Feet from the 1843	East/West Line West	County Rio Arriba
Latitude <u>36.70048</u>				Longitude <u>-107.45265</u>				

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.* N/A		
Describe Cause of Problem and Remedial Action Taken.* No release was encountered during the BGT Closure.		
Describe Area Affected and Cleanup Action Taken.* N/A		

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: 	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Crystal Walker	Approved by Environmental Specialist: 	
Title: Regulatory Coordinator	Approval Date: <u>8/31/2017</u>	Expiration Date:
E-mail Address: crystal.walker@cop.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <u>4/5/17</u> Phone: (505) 326-9837		

* Attach Additional Sheets If Necessary

NVF1724325975



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

March 28, 2017

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

RE: COPC San Juan 29-6 Unit 86M

OrderNo.: 1703A93

Dear Corwin Lameman:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/22/2017 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 white background.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 1703A93

Date Reported: 3/28/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: BGT S-1

Project: COPC San Juan 29-6 Unit 86M

Collection Date: 3/21/2017 9:31:00 AM

Lab ID: 1703A93-001

Matrix: SOIL

Received Date: 3/22/2017 7:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH							Analyst: MAB
Petroleum Hydrocarbons, TR	ND	19		mg/Kg	1	3/28/2017	30882
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	3/24/2017 2:34:36 PM	30888
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/23/2017 3:25:34 PM	30846
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/23/2017 3:25:34 PM	30846
Surr: DNOP	109	70-130		%Rec	1	3/23/2017 3:25:34 PM	30846
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/23/2017 7:04:26 PM	30837
Surr: BFB	94.4	54-150		%Rec	1	3/23/2017 7:04:26 PM	30837
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/23/2017 7:04:26 PM	30837
Toluene	ND	0.047		mg/Kg	1	3/23/2017 7:04:26 PM	30837
Ethylbenzene	ND	0.047		mg/Kg	1	3/23/2017 7:04:26 PM	30837
Xylenes, Total	ND	0.094		mg/Kg	1	3/23/2017 7:04:26 PM	30837
Surr: 4-Bromofluorobenzene	105	66.6-132		%Rec	1	3/23/2017 7:04:26 PM	30837

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#: 1703A93
28-Mar-17

Client: Animas Environmental
Project: COPC San Juan 29-6 Unit 86M

Sample ID MB-30888	SampType: MBLK		TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 30888		RunNo: 41638							
Prep Date: 3/24/2017	Analysis Date: 3/24/2017		SeqNo: 1306997		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID LCS-30888	SampType: LCS		TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 30888		RunNo: 41638							
Prep Date: 3/24/2017	Analysis Date: 3/24/2017		SeqNo: 1306998		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.5	90	110			

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#: 1703A93
 28-Mar-17

Client: Animas Environmental
Project: COPC San Juan 29-6 Unit 86M

Sample ID MB-30882	SampType: MBLK	TestCode: EPA Method 418.1: TPH								
Client ID: PBS	Batch ID: 30882	RunNo: 41696								
Prep Date: 3/24/2017	Analysis Date: 3/28/2017	SeqNo: 1308530	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	ND	20								

Sample ID LCS-30882	SampType: LCS	TestCode: EPA Method 418.1: TPH								
Client ID: LCSS	Batch ID: 30882	RunNo: 41696								
Prep Date: 3/24/2017	Analysis Date: 3/28/2017	SeqNo: 1308531	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	110	20	100.0	0	112	61.7	138			

Sample ID LCSD-30882	SampType: LCSD	TestCode: EPA Method 418.1: TPH								
Client ID: LCSS02	Batch ID: 30882	RunNo: 41696								
Prep Date: 3/24/2017	Analysis Date: 3/28/2017	SeqNo: 1308532	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	110	20	100.0	0	106	61.7	138	5.90	20	

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#: 1703A93

28-Mar-17

Client: Animas Environmental
Project: COPC San Juan 29-6 Unit 86M

Sample ID	1703A93-001AMS	SampType:	MS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	BGT S-1	Batch ID:	30846	RunNo:	41593					
Prep Date:	3/22/2017	Analysis Date:	3/23/2017	SeqNo:	1305622	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	9.3	46.30	0	103	51.6	130			
Surr: DNOP	5.0		4.630		108	70	130			

Sample ID	1703A93-001AMSD	SampType:	MSD	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	BGT S-1	Batch ID:	30846	RunNo:	41593					
Prep Date:	3/22/2017	Analysis Date:	3/23/2017	SeqNo:	1305623	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	9.8	49.12	0	103	51.6	130	6.21	20	
Surr: DNOP	5.3		4.912		109	70	130	0	0	

Sample ID	LCS-30846	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	30846	RunNo:	41593					
Prep Date:	3/22/2017	Analysis Date:	3/23/2017	SeqNo:	1305627	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.4	63.8	116			
Surr: DNOP	5.2		5.000		103	70	130			

Sample ID	MB-30846	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	30846	RunNo:	41593					
Prep Date:	3/22/2017	Analysis Date:	3/23/2017	SeqNo:	1305628	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	11		10.00		105	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#: 1703A93
 28-Mar-17

Client: Animas Environmental
Project: COPC San Juan 29-6 Unit 86M

Sample ID MB-30837	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 30837		RunNo: 41605							
Prep Date: 3/22/2017	Analysis Date: 3/23/2017		SeqNo: 1305591		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	980		1000		97.8	54	150			

Sample ID LCS-30837	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 30837		RunNo: 41605							
Prep Date: 3/22/2017	Analysis Date: 3/23/2017		SeqNo: 1305592		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	30	5.0	25.00	0	119	76.4	125			
Surr: BFB	1200		1000		116	54	150			

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#: 1703A93
28-Mar-17

Client: Animas Environmental
Project: COPC San Juan 29-6 Unit 86M

Sample ID MB-30837	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 30837	RunNo: 41605								
Prep Date: 3/22/2017	Analysis Date: 3/23/2017	SeqNo: 1305611			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	66.6	132			

Sample ID LCS-30837	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 30837	RunNo: 41605								
Prep Date: 3/22/2017	Analysis Date: 3/23/2017	SeqNo: 1305612			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	96.5	80	120			
Toluene	1.0	0.050	1.000	0	100	80	120			
Ethylbenzene	1.0	0.050	1.000	0	104	80	120			
Xylenes, Total	3.3	0.10	3.000	0	108	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		111	66.6	132			

Sample ID 1703A93-001AMS	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: BGT S-1	Batch ID: 30837	RunNo: 41605								
Prep Date: 3/22/2017	Analysis Date: 3/23/2017	SeqNo: 1305614			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.024	0.9461	0	97.9	61.5	138			
Toluene	0.96	0.047	0.9461	0	101	71.4	127			
Ethylbenzene	1.0	0.047	0.9461	0	105	70.9	132			
Xylenes, Total	3.1	0.095	2.838	0	109	76.2	123			
Surr: 4-Bromofluorobenzene	0.95		0.9461		100	66.6	132			

Sample ID 1703A93-001AMSD	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: BGT S-1	Batch ID: 30837	RunNo: 41605								
Prep Date: 3/22/2017	Analysis Date: 3/23/2017	SeqNo: 1305615			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9756	0	102	61.5	138	7.45	20	
Toluene	1.0	0.049	0.9756	0	107	71.4	127	8.13	20	
Ethylbenzene	1.1	0.049	0.9756	0	111	70.9	132	8.36	20	
Xylenes, Total	3.4	0.098	2.927	0	115	76.2	123	8.22	20	
Surr: 4-Bromofluorobenzene	1.0		0.9756		104	66.6	132	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 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: 1703A93

RcptNo: 1

Received by/date: AK 03/22/17

Logged By: Lindsay Mangin 3/22/2017 7:30:00 AM *Lindsay Mangin*

Completed By: Lindsay Mangin 3/22/2017 8:16:49 AM *Lindsay Mangin*

Reviewed By: WAG 03/22/17

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
- 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

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:	<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	2.0	Good	Yes			

Photo #1	
Client: ConocoPhillips	
Project Name: San Juan 29-6 Unit 86M Rio Arriba County, NM	
Date Photo Taken: March 21, 2017	
BGT GPS and Location: 36.70048, -107.45265 NE¼ NW¼, Section 27, T29N, R6W	
Taken by: Dave Johnson, AES	

Photo #2	
Client: ConocoPhillips	
Project Name: San Juan 29-6 Unit 86M Rio Arriba County, NM	
Date Photo Taken: March 21, 2017	
BGT GPS and Location: 36.70048, -107.45265 NE¼ NW¼, Section 27, T29N, R6W	
Taken by: Dave Johnson, AES	