

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 Oil & Gas Company	Contact	Lindsay Dumas
Address	3401 East 30 <sup>th</sup> St, Farmington, NM	Telephone No.	(505) 599-4089
Facility Name	Buuny et al 1	Facility Type	Gas

Surface Owner	Navajo Nations	Mineral Owner	I-149-IND-8464	API No.	30-045-06609
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#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	10	27N	09W	1040'	FSL	1190'	FEL	San Juan

Latitude 36.58426 Longitude -107.77022

#### NATURE OF RELEASE

Type of Release	Hydrocarbon	Volume of Release	28 bbls	Volume Recovered	0
Source of Release	Theft from production tank	Date and Hour of Occurrence	5/21/2015	Date and Hour of Discovery	5/22/2015
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Cory Smith (NMOCD) & Patrick Antonio (NNEPA)		
By Whom?	Lisa Hunter	Date and Hour	4:30 pm 5/22/2015		
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.\*

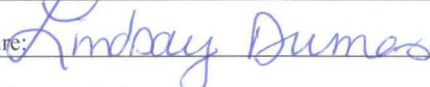

Describe Cause of Problem and Remedial Action Taken.\*

28 bbls of hydrocarbons were found to be missing during tank gauging. There was no evidence that a spill had occurred.

Describe Area Affected and Cleanup Action Taken.\*

COPC assessed the soil and the integrity of the tank, the soil was found to clean and the tank integrity was satisfactory. The missing 28 bbls of product were deemed stolen.

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: Lindsay Dumas	Approved by Environmental Specialist: 	
Title: Field Environmental Specialist	Approval Date: 7/24/15	Expiration Date:
E-mail Address: Lindsay.Dumas@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 6/18/2015	Phone: (505) 599-4089	

\* Attach Additional Sheets If Necessary

#/NCS 1520541804



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

June 15, 2015

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

RE: Conoco Phillips Bunny Etal #1

OrderNo.: 1506199

Dear Emilee Skyles:

Hall Environmental Analysis Laboratory received 7 sample(s) on 6/4/2015 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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

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

## Analytical Report

Lab Order 1506199

Date Reported: 6/15/2015

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SB-1 @ 1.5'

Project: Conoco Phillips Bunny Etal #1

Collection Date: 6/3/2015 1:44:00 PM

Lab ID: 1506199-001

Matrix:

Received Date: 6/4/2015 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>							Analyst: <b>KJH</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/9/2015 1:37:11 PM	19551
Motor Oil Range Organics (MRO)	100	48		mg/Kg	1	6/9/2015 1:37:11 PM	19551
Surr: DNOP	86.5	57.9-140		%REC	1	6/9/2015 1:37:11 PM	19551
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/9/2015 1:49:31 AM	19577
Surr: BFB	91.4	75.4-113		%REC	1	6/9/2015 1:49:31 AM	19577
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.048		mg/Kg	1	6/9/2015 1:49:31 AM	19577
Toluene	ND	0.048		mg/Kg	1	6/9/2015 1:49:31 AM	19577
Ethylbenzene	ND	0.048		mg/Kg	1	6/9/2015 1:49:31 AM	19577
Xylenes, Total	ND	0.097		mg/Kg	1	6/9/2015 1:49:31 AM	19577
Surr: 4-Bromofluorobenzene	97.6	80-120		%REC	1	6/9/2015 1:49:31 AM	19577

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	Page 1 of 10
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
	O	RSD is greater than RSDlimit	P	Sample pH Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

## Analytical Report

Lab Order 1506199

Date Reported: 6/15/2015

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SB-2 @ 1.5'

Project: Conoco Phillips Bunny Etal #1

Collection Date: 6/3/2015 1:50:00 PM

Lab ID: 1506199-002

Matrix:

Received Date: 6/4/2015 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>							Analyst: <b>KJH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/5/2015 2:20:03 PM	19551
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/5/2015 2:20:03 PM	19551
Surr: DNOP	101	57.9-140		%REC	1	6/5/2015 2:20:03 PM	19551
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/9/2015 2:18:12 AM	19577
Surr: BFB	88.6	75.4-113		%REC	1	6/9/2015 2:18:12 AM	19577
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.047		mg/Kg	1	6/9/2015 2:18:12 AM	19577
Toluene	ND	0.047		mg/Kg	1	6/9/2015 2:18:12 AM	19577
Ethylbenzene	ND	0.047		mg/Kg	1	6/9/2015 2:18:12 AM	19577
Xylenes, Total	ND	0.094		mg/Kg	1	6/9/2015 2:18:12 AM	19577
Surr: 4-Bromofluorobenzene	93.5	80-120		%REC	1	6/9/2015 2:18:12 AM	19577

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

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



**Analytical Report**Lab Order **1506199**

Date Reported: 6/15/2015

**Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Animas Environmental**Client Sample ID:** SB-3 @ 1.5'**Project:** Conoco Phillips Bunny Etal #1**Collection Date:** 6/3/2015 1:54:00 PM**Lab ID:** 1506199-003**Matrix:****Received Date:** 6/4/2015 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>							Analyst: <b>KJH</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/5/2015 3:13:59 PM	19551
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/5/2015 3:13:59 PM	19551
Surr: DNOP	101	57.9-140		%REC	1	6/5/2015 3:13:59 PM	19551
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/8/2015 5:58:54 PM	19577
Surr: BFB	85.0	75.4-113		%REC	1	6/8/2015 5:58:54 PM	19577
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.048		mg/Kg	1	6/8/2015 5:58:54 PM	19577
Toluene	ND	0.048		mg/Kg	1	6/8/2015 5:58:54 PM	19577
Ethylbenzene	ND	0.048		mg/Kg	1	6/8/2015 5:58:54 PM	19577
Xylenes, Total	ND	0.097		mg/Kg	1	6/8/2015 5:58:54 PM	19577
Surr: 4-Bromofluorobenzene	97.8	80-120		%REC	1	6/8/2015 5:58:54 PM	19577

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

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

**Analytical Report**Lab Order **1506199**Date Reported: **6/15/2015****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Animas Environmental**Client Sample ID:** SB-4 @ 1.5'**Project:** Conoco Phillips Bunny Etal #1**Collection Date:** 6/3/2015 1:59:00 PM**Lab ID:** 1506199-004**Matrix:****Received Date:** 6/4/2015 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>							Analyst: <b>KJH</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/5/2015 3:40:31 PM	19551
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/5/2015 3:40:31 PM	19551
Surr: DNOP	101	57.9-140		%REC	1	6/5/2015 3:40:31 PM	19551
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/8/2015 6:24:08 PM	19577
Surr: BFB	84.6	75.4-113		%REC	1	6/8/2015 6:24:08 PM	19577
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.047		mg/Kg	1	6/8/2015 6:24:08 PM	19577
Toluene	ND	0.047		mg/Kg	1	6/8/2015 6:24:08 PM	19577
Ethylbenzene	ND	0.047		mg/Kg	1	6/8/2015 6:24:08 PM	19577
Xylenes, Total	ND	0.094		mg/Kg	1	6/8/2015 6:24:08 PM	19577
Surr: 4-Bromofluorobenzene	90.3	80-120		%REC	1	6/8/2015 6:24:08 PM	19577

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

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

**Analytical Report**Lab Order **1506199**Date Reported: **6/15/2015****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Animas Environmental**Client Sample ID:** SB-5 @ 1.5'**Project:** Conoco Phillips Bunny Etal #1**Collection Date:** 6/3/2015 2:06:00 PM**Lab ID:** 1506199-005**Matrix:****Received Date:** 6/4/2015 6:30:00 AM

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>	<b>Batch</b>
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>							Analyst: <b>KJH</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/5/2015 4:07:32 PM	19551
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/5/2015 4:07:32 PM	19551
Surr: DNOP	104	57.9-140		%REC	1	6/5/2015 4:07:32 PM	19551
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/8/2015 6:49:17 PM	19577
Surr: BFB	84.2	75.4-113		%REC	1	6/8/2015 6:49:17 PM	19577
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.050		mg/Kg	1	6/8/2015 6:49:17 PM	19577
Toluene	ND	0.050		mg/Kg	1	6/8/2015 6:49:17 PM	19577
Ethylbenzene	ND	0.050		mg/Kg	1	6/8/2015 6:49:17 PM	19577
Xylenes, Total	ND	0.099		mg/Kg	1	6/8/2015 6:49:17 PM	19577
Surr: 4-Bromofluorobenzene	97.2	80-120		%REC	1	6/8/2015 6:49:17 PM	19577

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 5 of 10
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
	O	RSD is greater than RSDlimit	P	Sample pH Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

**Analytical Report**

Lab Order 1506199

Date Reported: 6/15/2015

**Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Animas Environmental**Client Sample ID:** SB-6 @ 1'**Project:** Conoco Phillips Bunny Etal #1**Collection Date:** 6/3/2015 1:15:00 PM**Lab ID:** 1506199-006**Matrix:****Received Date:** 6/4/2015 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>							Analyst: <b>KJH</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/5/2015 4:34:34 PM	19551
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/5/2015 4:34:34 PM	19551
Surr: DNOP	115	57.9-140		%REC	1	6/5/2015 4:34:34 PM	19551
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/8/2015 9:45:59 PM	19577
Surr: BFB	83.5	75.4-113		%REC	1	6/8/2015 9:45:59 PM	19577
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.048		mg/Kg	1	6/8/2015 9:45:59 PM	19577
Toluene	ND	0.048		mg/Kg	1	6/8/2015 9:45:59 PM	19577
Ethylbenzene	ND	0.048		mg/Kg	1	6/8/2015 9:45:59 PM	19577
Xylenes, Total	ND	0.097		mg/Kg	1	6/8/2015 9:45:59 PM	19577
Surr: 4-Bromofluorobenzene	101	80-120		%REC	1	6/8/2015 9:45:59 PM	19577

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 6 of 10
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
	O	RSD is greater than RSDlimit	P	Sample pH Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			



**Analytical Report**

Lab Order 1506199

Date Reported: 6/15/2015

**Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Animas Environmental**Client Sample ID:** SB-6 @ 4'**Project:** Conoco Phillips Bunny Etal #1**Collection Date:** 6/3/2015 1:15:00 PM**Lab ID:** 1506199-007**Matrix:****Received Date:** 6/4/2015 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>							Analyst: <b>KJH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/5/2015 5:01:32 PM	19551
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/5/2015 5:01:32 PM	19551
Surr: DNOP	104	57.9-140		%REC	1	6/5/2015 5:01:32 PM	19551
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/8/2015 10:11:02 PM	19577
Surr: BFB	84.1	75.4-113		%REC	1	6/8/2015 10:11:02 PM	19577
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.047		mg/Kg	1	6/8/2015 10:11:02 PM	19577
Toluene	ND	0.047		mg/Kg	1	6/8/2015 10:11:02 PM	19577
Ethylbenzene	ND	0.047		mg/Kg	1	6/8/2015 10:11:02 PM	19577
Xylenes, Total	ND	0.095		mg/Kg	1	6/8/2015 10:11:02 PM	19577
Surr: 4-Bromofluorobenzene	101	80-120		%REC	1	6/8/2015 10:11:02 PM	19577

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 7 of 10
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
	O	RSD is greater than RSDlimit	P	Sample pH Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1506199

15-Jun-15

**Client:** Animas Environmental  
**Project:** Conoco Phillips Bunny Etal #1

Sample ID	MB-19551	SampType:	MBLK	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	19551	RunNo:	26640					
Prep Date:	6/3/2015	Analysis Date:	6/5/2015	SeqNo:	793476	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	9.4		10.00		93.8	57.9	140			

Sample ID	LCS-19551	SampType:	LCS	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	19551	RunNo:	26640					
Prep Date:	6/3/2015	Analysis Date:	6/5/2015	SeqNo:	793477	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	10	50.00	0	84.8	67.8	130			
Surr: DNOP	4.2		5.000		83.3	57.9	140			

### Qualifiers:

\* Value exceeds Maximum Contaminant Level.  
E Value above quantitation range  
J Analyte detected below quantitation limits  
O RSD is greater than RSDlimit  
R RPD outside accepted recovery limits  
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
P Sample pH Not In Range  
RL Reporting Detection Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1506199

15-Jun-15

Client: Animas Environmental  
Project: Conoco Phillips Bunny Etal #1

Sample ID	MB-19577	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	19577	RunNo:	26687					
Prep Date:	6/4/2015	Analysis Date:	6/8/2015	SeqNo:	795091	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	870		1000		86.7	75.4	113			

Sample ID	LCS-19577	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	19577	RunNo:	26687					
Prep Date:	6/4/2015	Analysis Date:	6/8/2015	SeqNo:	795092	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	112	64	130			
Surr: BFB	930		1000		93.1	75.4	113			

### Qualifiers:

\* Value exceeds Maximum Contaminant Level.  
E Value above quantitation range  
J Analyte detected below quantitation limits  
O RSD is greater than RSDlimit  
R RPD outside accepted recovery limits  
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
P Sample pH Not In Range  
RL Reporting Detection Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1506199

15-Jun-15

Client: Animas Environmental  
Project: Conoco Phillips Bunny Etal #1

Sample ID	MB-19577	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	19577	RunNo:	26664					
Prep Date:	6/4/2015	Analysis Date:	6/7/2015	SeqNo:	794388	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.94		1.000		94.3	80	120			

Sample ID	LCS-19577	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	19577	RunNo:	26664					
Prep Date:	6/4/2015	Analysis Date:	6/7/2015	SeqNo:	794389	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.81	0.050	1.000	0	81.3	76.6	128			
Toluene	0.80	0.050	1.000	0	79.9	75	124			
Ethylbenzene	0.81	0.050	1.000	0	81.2	79.5	126			
Xylenes, Total	2.4	0.10	3.000	0	80.0	78.8	124			
Surr: 4-Bromofluorobenzene	0.95		1.000		94.6	80	120			

## Qualifiers:

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





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: 1506199

RcptNo: 1

Received by/date:

Logged By: Ashley Gallegos

6/4/2015 6:30:00 AM

Completed By: Ashley Gallegos

6/4/2015 7:56:43 AM

Reviewed By:

CS

06/04/15

### 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  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? 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 ☐ # of preserved bottles checked for pH: ( $<2$  or  $>12$  unless noted)
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐ Adjusted?
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:

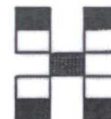
17. Additional remarks:

### 18. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.3	Good	Yes			

Client: Animas Environmental Services

Turn-Around Time:



## HALL ENVIRONMENTAL ANALYSIS LABORATORY

[www.hallenvironmental.com](http://www.hallenvironmental.com)

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975      Fax 505-345-4107

## Analysis Request

Email or Fax#: [eskyles@animasenvironmental.com](mailto:eskyles@animasenvironmental.com)

**Project Manager:**

**QA/QC Package:**

Emilee Skyles

X Standard

☐ Level 4 (Full Validation)

**Accreditation:**

Sampler: Corwin Laneman

☐ NELAP☐ Other

On Ice: ☒ Yes ☐ No

☐ EDD (Type)

Sample Temperature: 23

[illegible]

Date:	Time:	Relinquished by:
-------	-------	------------------

Received by:

Date	Time
------	------

Remarks: Bill to Conoco Phillips. WO# 20830779 Area: 21 Area  
Supervisor: Jim Peace User/Approver: BENALE Ordered By: Lindsay  
Dumas

Date:	Time:	Relinquished by:
-------	-------	------------------

Received by:

Date	Time
------	------