

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

Form C-141  
Revised August 8, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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 <b>Burlington Resources Oil &amp; Gas Company</b>	Contact <b>Crystal Tafoya</b>
Address <b>3401 East 30<sup>th</sup> St, Farmington, NM</b>	Telephone No. <b>(505) 326-9837</b>
Facility Name: <b>Thompson 13</b>	Facility Type: <b>Gas Well</b>

Surface Owner <b>BLM</b>	Mineral Owner <b>BLM (NM-01614)</b>	API No. <b>30-045-20509</b>
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#### LOCATION OF RELEASE

Unit Letter <b>F</b>	Section <b>28</b>	Township <b>31N</b>	Range <b>12W</b>	Feet from the <b>1800</b>	North/South Line <b>North</b>	Feet from the <b>1800</b>	East/West Line <b>West</b>	County <b>San Juan</b>
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Latitude 36.87281 Longitude 108.10654

#### NATURE OF RELEASE

Type of Release <b>Produced Fluids</b>	Volume of Release <b>None</b>	Volume Recovered <b>None</b>
Source of Release <b>Below Grade Tank</b>	Date and Hour of Occurrence <b>Unknown</b>	Date and Hour of Discovery <b>December 26, 2012</b>
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. <b>RCVD JAN 31 '13</b>	

If a Watercourse was Impacted, Describe Fully.\*

**OIL CONS. DIV.**

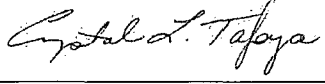
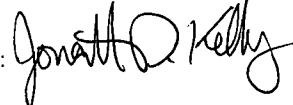
**DIST. 3**

Describe Cause of Problem and Remedial Action Taken.\*  
**Below Grade Tank Closure Activities**

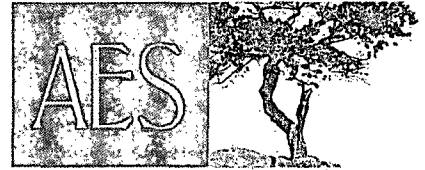
Describe Area Affected and Cleanup Action Taken.\*

The regulatory standard for closure at this site was determined to be 1000 ppm. Soil samples were taken and then transported to the lab and analytical results for TPH, BTEX and Chlorides were below the regulatory standards set forth in the NMOCD Guidelines for Remediation of Leaks, Spills and Release; therefore no further action is required. The final 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: 		<b>OIL CONSERVATION DIVISION</b>	
Printed Name: <b>Crystal Tafoya</b>		Approved by Environmental Specialist: 	
Title: <b>Field Environmental Specialist</b>		Approval Date: <b>2/11/2013</b>	Expiration Date:
E-mail Address: <b>crystal.tafoya@conocophillips.com</b>		Conditions of Approval: <b>C-144 Closure Permit needed for BGT Closure</b>	Attached <input type="checkbox"/>
Date: <b>1/29/2013</b> Phone: <b>(505) 326-9837</b>			

\* Attach Additional Sheets If Necessary



Animas Environmental Services, LLC

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

January 21, 2013

Crystal Tafoya  
ConocoPhillips  
San Juan Business Unit  
Office 214-05  
5525 Hwy 64  
Farmington, New Mexico 87401

624 E. Comanche  
Farmington, NM 87401  
505-564-2281

Durango, Colorado  
970-403-3084

**RE: Below Grade Tank Closure Report  
Thompson #13  
San Juan County, New Mexico**

Dear Ms. Tafoya:

Animas Environmental Services, LLC (AES) is pleased to provide the final report associated with the below grade tank (BGT) closure at ConocoPhillips (CoP) Thompson #13, located in San Juan County, New Mexico. Tank removal had been completed by CoP contractors prior to AES' arrival at the location.

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## 1.0 Site Information

### 1.1 Location

Site Name – Thompson #13

Legal Description – SE¼ NW¼, Section 28, T31N, R12W, San Juan County, New Mexico

Well Latitude/Longitude – N36.87281 and W108.10654, respectively

BGT Latitude/Longitude – N36.87273 and W108.10672, respectively

Land Jurisdiction – Bureau of Land Management (BLM)

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map, December 2012

### 1.2 NMOCD Ranking

Prior to site work, the New Mexico Oil Conservation Division (NMOCD) database was reviewed, and no prior ranking information was located. The New Mexico Office of the State Engineer (NMOSE) database was reviewed for nearby water wells, and no registered water wells were reported to be located within 1,000 feet of the location. Additionally, Google Earth and the New Mexico Tech Petroleum Recovery Research Center online mapping tool (<http://ford.nmt.edu/react/project.html>) were accessed to aid in the identification of downgradient surface water.

Once on site, AES personnel further assessed the ranking using topographical interpretation, Global Positioning System (GPS) elevation readings, and visual reconnaissance. AES personnel concluded that depth to groundwater at the site was greater than 100 feet below ground surface (bgs). Unnamed washes are located approximately 300 feet east and 320 feet north of the location. Based on this information, the location was assessed a ranking score of 10.

### **1.3 BGT Closure Assessment**

AES was initially contacted by Jess Henson, CoP representative, on December 26, 2012, and on December 27, 2012, Kelsey Christiansen and Corwin Lameman of AES mobilized to the location. AES personnel collected six soil samples from below the BGT liner. Four samples were collected from the perimeter of the BGT footprint, one sample was collected from the center of the BGT footprint, and one sample was composited from the four perimeter samples and one center sample.

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## **2.0 Soil Sampling**

On December 27, 2012, AES personnel conducted field screening and collected five soil samples (S-1 through S-5) and one 5-point composite (SC-1) from below the BGT. Soil samples were collected from approximately 0.5 feet below the former BGT for field screening of volatile organic compounds (VOCs) and total petroleum hydrocarbon (TPH). Soil sample SC-1 was field screened for chloride and was submitted for confirmation laboratory analysis. Soil sample locations are included on Figure 2.

### **2.1 Field Screening**

#### **2.1.1 Volatile Organic Compounds**

A portion of each sample was utilized for field screening of VOC vapors 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**

Soil samples were also analyzed in the field for TPH per 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*.

### 2.1.3 Chlorides

Soil sample SC-1 was field screened for chlorides using Chloride Drop Count Titration with silver nitrate. Sampling and analysis methods followed procedures provided by Hach Company.

## 2.2 Laboratory Analyses

The composite soil sample SC-1 collected for laboratory analysis was placed into a new, clean, laboratory-supplied container, which was then labeled, placed on ice, and logged onto a sample chain of custody record. The sample was maintained on ice until delivery to the analytical laboratory, Hall Environmental Analysis Laboratory (Hall), in Albuquerque, New Mexico. Soil sample SC-1 was laboratory analyzed for:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per U.S. Environmental Protection Agency (USEPA) Method 8021B; and
- Chloride per USEPA Method 300.0.

## 2.3 Field and Laboratory Analytical Results

Field screening readings for VOCs via OVM ranged from 2.3 ppm in S-1 up to 7.2 ppm in S-5. Field TPH concentrations were reported at less than 20.0 mg/kg in all samples. The field chloride concentration in SC-1 was 40 mg/kg. Field screening results are summarized in Table 1 and presented on Figure 2. The AES Field Screening Report is attached.

Table 1. Soil Field Screening VOCs, TPH, and Chloride Results  
Thompson #13 BGT Closure, December 2012

<i>Sample ID</i>	<i>Date Sampled</i>	<i>Depth below BGT (ft)</i>	<i>VOCs OVM Reading (ppm)</i>	<i>Field TPH (mg/kg)</i>	<i>Field Chlorides (mg/kg)</i>
<b>NMOCD Action Level (NMAC 19.15.17.13E)</b>			<b>--</b>	<b>100</b>	<b>250</b>
S-1	12/27/12	0.5	2.3	<20.0	NA
S-2	12/27/12	0.5	5.9	<20.0	NA
S-3	12/27/12	0.5	2.5	<20.0	NA
S-4	12/27/12	0.5	4.1	<20.0	NA
S-5	12/27/12	0.5	7.2	<20.0	NA
SC-1	12/27/12	0.5	NA	NA	40

NA - not analyzed

Laboratory analytical results reported benzene and total BTEX concentrations in SC-1 as less than 0.050 mg/kg and 0.25 mg/kg, respectively. The laboratory chloride concentration was reported below the laboratory detection limit of 30 mg/kg. Laboratory analytical results are summarized in Table 2 and included on Figure 2. Laboratory analytical reports are attached.

Table 2. Soil Laboratory Analytical Results  
Thompson #13 BGT Closure, December 2012

Sample ID	Date Sampled	Depth (ft)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	Chlorides (mg/kg)
<b>NMOCD Action Level (NMAC 19.15.17.13E)</b>			<b>0.2</b>	<b>50</b>	<b>100</b>		<b>250</b>
SC-1	12/27/12	0.5	<0.050	<0.25	NA	NA	<30

NA - not analyzed

### 3.0 Conclusions and Recommendations

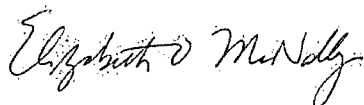
NMOCD action levels for BGT closures are specified in New Mexico Administrative Code (NMAC) 19.15.17.13E. Field TPH concentrations were below the NMOCD action level of 100 mg/kg. Chloride concentrations in SC-1 were below the NMOCD action level of 250 mg/kg. Benzene and total BTEX concentrations in SC-1 were below the NMOCD action level of 0.2 mg/kg and 50 mg/kg, respectively. Based on field screening and laboratory analytical results for benzene, total BTEX, TPH, and chlorides, no further work is recommended at the Thompson #13.

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

Sincerely,



Kelsey Christiansen  
Environmental Scientist



Elizabeth McNally, P.E.

**Attachments:**

Figure 1. Topographic Site Location Map  
Figure 2. Aerial Site Map, December 2012  
AES Field Screening Report 122712  
Hall Analytical Report 1212A92

R:\Animas 2000\Dropbox\2013 Projects\ConocoPhillips\Thompson #13\Thompson #13 BGT Closure  
Report 012113.docx



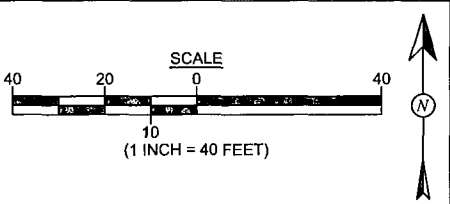
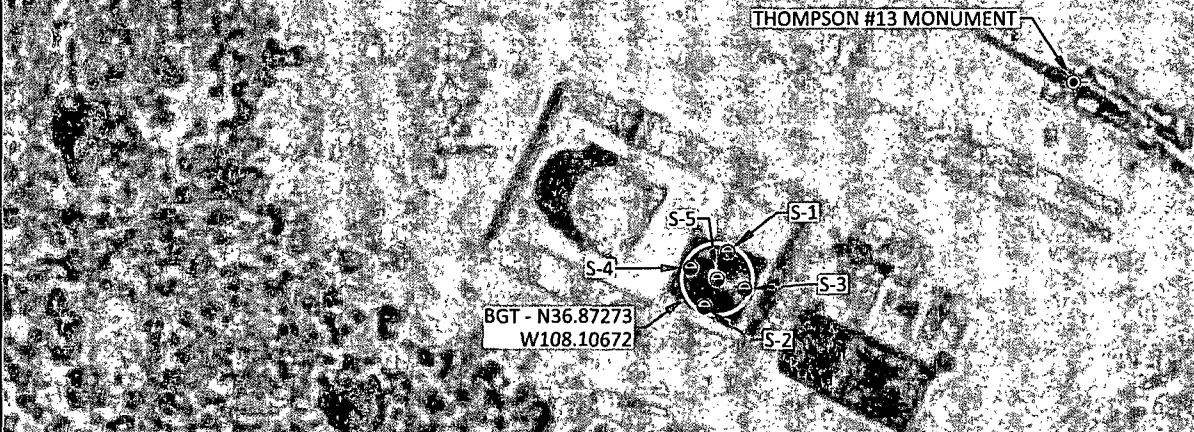
LEGEND

SAMPLE LOCATIONS

Field Screening Results				
Sample ID	Date	OVM-PID (ppm)	TPH (mg/kg)	Chlorides (mg/kg)
NMOCD ACTION LEVEL		--	100	250
S-1	12/27/12	2.3	<20.0	NA
S-2	12/27/12	5.9	<20.0	NA
S-3	12/27/12	2.5	<20.0	NA
S-4	12/27/12	4.1	<20.0	NA
S-5	12/27/12	7.2	<20.0	NA
SC-1	12/27/12	NA	NA	40
SC-1 IS A 5-POINT COMPOSITE SAMPLE OF S-1 THROUGH S-5. NA - NOT ANALYZED				

Laboratory Analytical Results						
Sample ID	Date	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)	Chlorides (mg/kg)
NMOCD ACTION LEVEL		0.2	50	100		250
SC-1	12/27/12	<0.050	<0.25	NA	NA	<30

SAMPLE WAS ANALYZED PER EPA METHOD 8021B AND 300.0.



AERIAL SOURCE: © 2012 PICTOMETRY INTERNATIONAL CORP. ONLINE, AERIAL TAKEN: APRIL 15, 2011

Animas Environmental Services, LLC

DRAWN BY: C. Lameman	DATE DRAWN: January 2, 2013
REVISIONS BY: C. Lameman	DATE REVISED: January 2, 2013
CHECKED BY: D. Watson	DATE CHECKED: January 2, 2013
APPROVED BY: E. McNally	DATE APPROVED: January 2, 2013

FIGURE 2

AERIAL SITE MAP  
DECEMBER 2012  
ConocoPhillips  
THOMPSON #13  
SAN JUAN COUNTY, NEW MEXICO  
SE¼ NW¼, SECTION 28, T31N, R12W  
N36.87281, W108.10654



# AES Field Screening Report



Animas Environmental Services, LLC

www.animasenvironmental.com

624 E. Comanche  
Farmington, NM 87401  
505-564-2281

Durango, Colorado  
970-403-3274

Client: ConocoPhillips

Project Location: Thompson #13

Date: 12/27/2012

Matrix: Soil

Sample ID	Collection Date	Time of Sample Collection	Sample Location	OVN (ppm)	Field Chloride (mg/kg)	Field TPH Analysis Time	Field TPH* (mg/kg)	TPH PQL (mg/kg)	DF	TPH Analysts Initials
S-1	12/27/2012	9:15	North	2.3	NA	10:15	<20.0	20.0	1	KC
S-2	12/27/2012	9:19	South	5.9	NA	10:17	<20.0	20.0	1	KC
S-3	12/27/2012	9:20	East	2.5	NA	10:20	<20.0	20.0	1	KC
S-4	12/27/2012	9:22	West	4.1	NA	10:21	<20.0	20.0	1	KC
S-5	12/27/2012	9:25	Center	7.2	NA	10:24	<20.0	20.0	1	KC
SC-1	12/27/2012	9:35	Composite	NA	40	Not Analyzed for TPH.				

PQL Practical Quantitation Limit  
ND Not Detected at the Reporting Limit  
NA Not Analyzed  
DF Dilution Factor

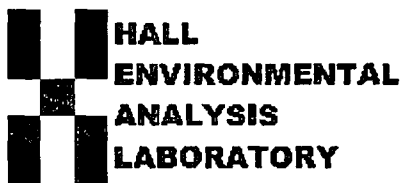
\*Field TPH concentrations recorded may be below PQL.

Field Chloride - Quantab Chloride Titrators or Drop Count Titration with Silver Nitrate

Total Petroleum Hydrocarbons - USEPA 418.1

Analyst:

*Kelsey Chastain*



*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)

January 02, 2013

Debbie Watson

Animas Environmental Services

624 East Comanche

Farmington, NM 87401

TEL: (505) 486-4071

FAX

RE: CoP Thompson #13

OrderNo.: 1212A92

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 12/28/2012 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. 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. 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.

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 1212A92

Date Reported: 1/2/2013

**CLIENT:** Animas Environmental Services

**Client Sample ID:** SC-1

**Project:** CoP Thompson #13

**Collection Date:** 12/27/2012 9:35:00 AM

**Lab ID:** 1212A92-001

**Matrix:** MEOH (SOIL)

**Received Date:** 12/28/2012 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.050		mg/Kg	1	12/28/2012 12:27:57 PM
Toluene	ND	0.050		mg/Kg	1	12/28/2012 12:27:57 PM
Ethylbenzene	ND	0.050		mg/Kg	1	12/28/2012 12:27:57 PM
Xylenes, Total	ND	0.10		mg/Kg	1	12/28/2012 12:27:57 PM
Surr: 4-Bromofluorobenzene	107	80-120		%REC	1	12/28/2012 12:27:57 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JRR</b>
Chloride	ND	30		mg/Kg	20	12/28/2012 5:52:46 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1212A92

02-Jan-13

Client: Animas Environmental Services

Project: CoP Thompson #13

Sample ID	MB-5470	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	5470	RunNo:	7775					
Prep Date:	12/28/2012	Analysis Date:	12/28/2012	SeqNo:	226027	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-5470	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	5470	RunNo:	7775					
Prep Date:	12/28/2012	Analysis Date:	12/28/2012	SeqNo:	226028	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.6	90	110			

### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1212A92

02-Jan-13

Client: Animas Environmental Services

Project: CoP Thompson #13

Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	R7761	RunNo:	7761					
Prep Date:		Analysis Date:	12/28/2012	SeqNo:	225992	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	1.1		1.000		107	80	120			

Sample ID	100NG BTEX LCS	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	R7761	RunNo:	7761					
Prep Date:		Analysis Date:	12/28/2012	SeqNo:	225993	Units:	mg/Kg			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.050	1.000	0	102	80	120			
Toluene	1.0	0.050	1.000	0	103	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.1	0.10	3.000	0	102	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		112	80	120			

Sample ID	1212A92-001AMS	SampType:	MS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	SC-1	Batch ID:	R7761	RunNo:	7761					
Prep Date:		Analysis Date:	12/28/2012	SeqNo:	225995	Units:	mg/Kg			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.63	0.050	0.6121	0	103	67.2	113			
Toluene	0.63	0.050	0.6121	0	103	62.1	116			
Ethylbenzene	0.64	0.050	0.6121	0	105	67.9	127			
Xylenes, Total	1.9	0.10	1.836	0	104	60.6	134			
Surr: 4-Bromofluorobenzene	0.68		0.6121		111	80	120			

Sample ID	1212A92-001AMSD	SampType:	MSD	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	SC-1	Batch ID:	R7761	RunNo:	7761					
Prep Date:		Analysis Date:	12/28/2012	SeqNo:	225996	Units:	mg/Kg			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.63	0.050	0.6121	0	103	67.2	113	0.298	14.3	
Toluene	0.63	0.050	0.6121	0	104	62.1	116	1.12	15.9	
Ethylbenzene	0.64	0.050	0.6121	0	105	67.9	127	0.741	14.4	
Xylenes, Total	1.9	0.10	1.836	0	104	60.6	134	0.00577	12.6	
Surr: 4-Bromofluorobenzene	0.68		0.6121		112	80	120	0	0	

### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87106  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: www.hallenvironmental.com

## Sample Log-In Check List

Client Name: Animas Environmental

Work Order Number: 1212A92

Received by/date:

AR

12/28/12

Logged By: Michelle Garcia

12/28/2012 10:20:00 AM

Michelle Garcia

Completed By: Michelle Garcia

12/28/2012 10:25:40 AM

Michelle Garcia

Reviewed By:

AR

12/28/12

### Chain of Custody

- |                                  |         |    |             |             |
|----------------------------------|---------|----|-------------|-------------|
| 1. Were seals intact?            | Yes     | No | Not Present | ✓           |
| 2. Is Chain of Custody complete? | Yes     | ✓  | No          | Not Present |
| 3. How was the sample delivered? | Courier |    |             |             |

### Log In

- |   |     |   |    |  |
|---|-----|---|----|--|
| 4. Coolers are present? (see 19. for cooler specific information)                         | Yes | ✓ | No | NA                                     |
| 5. Was an attempt made to cool the samples?   | Yes | ✓ | No | NA                                     |
| 6. Were all samples received at a temperature of >0° C to 6.0°C                           | Yes | ✓ | No | NA                                     |
| 7. Sample(s) in proper container(s)?  | Yes | ✓ | No |  |
| 8. Sufficient sample volume for indicated test(s)?  | Yes | ✓ | No |  |
| 9. Are samples (except VOA and ONG) properly preserved?                                   | Yes | ✓ | No |  |
| 10. Was preservative added to bottles?  | Yes |   | No | ✓ NA                                   |
| 11. VOA vials have zero headspace?  | Yes |   | No | No VOA Vials ✓                         |
| 12. Were any sample containers received broken?   | Yes |   | No | ✓                                      |
| 13. Does paperwork match bottle labels?<br>(Note discrepancies on chain of custody)       | Yes | ✓ | No | # of preserved bottles checked for pH: |
| 14. Are matrices correctly identified on Chain of Custody?                                | Yes | ✓ | No | (<2 or >12 unless noted)               |
| 15. Is it clear what analyses were requested?   | Yes | ✓ | No | Adjusted?                              |
| 16. Were all holding times able to be met?<br>(If no, notify customer for authorization.) | Yes | ✓ | No | Checked by:                            |

### Special Handling (if applicable)

- |   |     |    |    |   |
|---|-----|----|----|---|
| 17. 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:

18. Additional remarks:

### 19. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.6	Good	Yes			

Client: Animas Environmental Services

Mailing Address: 624 E. Comanche Farmington NM 87401

Phone #: 505-564-2291

email or Fax#:

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other \_\_\_\_\_

☐ EDD (Type) \_\_\_\_\_

☐ Standard ☒ Rush

Col Thompson #13

Project #:

**Project Manager:**

Sampler: K. Christensen / C. Laveen

Once	Yes	No
------	-----	----

Sample Temperature	12
--------------------	----

Container  
Type and #

[illegible]

HEAL No

4.2 jaw  
Med Kit

Meat  
n Gm

-001

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


4901 Hawkins NE - Albuquerque, NM 87109

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

## Analysis Request

X	BTEX + <del>MTBE</del> (8021)
	BTEX + MTBE + TPH (Gas only)
	TPH Method 8015B (Gas/Diesel)
	TPH (Method 418.1)
	EDB (Method 504.1)
	8310 (PNA or PAH)
	RCRA 8 Metals
	Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )
	8081 Pesticides / 8082 PCB's
	8260B (VOA)
	8270 (Semi-VOA)
X	Chlorides (300.0)

Date:	Time:	Relinquished by:
6-27-12	11632	Carin Lu
Date:	Time:	Relinquished by:

Received by:	Date	Time
	12/28/12	10:20
Received by:	Date	Time

Remarks	Bill to ConocoPhillips
WO: 10335553	Area: 1
Supervisor: Ham/Dec	Ordered by: Jess Hanson
User ID: YGAR/IA	Activity Code: 1200