

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 CONS. DIV DIST. 3

DEC 21 2015

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, a Wholly Owned Subsidiary of ConocoPhillips Company</b>	Contact <b>Lisa Hunter</b>
Address <b>3401 East 30<sup>th</sup> St, Farmington, NM</b>	Telephone No. <b>(505) 258-1607</b>
Facility Name: <b>Santa Fe G 2</b>	Facility Type: <b>Gas Well</b>

Surface Owner <b>Navajo Nation Trust</b>	Mineral Owner <b>Federal (SF-080382)</b>	API No. <b>3004506785</b>
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LOCATION OF RELEASE

Unit Letter <b>M</b>	Section <b>05</b>	Township <b>27N</b>	Range <b>11</b>	Feet from the <b>790</b>	North/South Line <b>South</b>	Feet from the <b>790</b>	East/West Line <b>West</b>	County <b>San Juan</b>
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Latitude 36.59712 Longitude -108.02992

NATURE OF RELEASE

Type of Release <b>Hydrocarbon</b>	Volume of Release <b>Unknown</b>	Volume Recovered <b>None</b>
Source of Release <b>Below Grade Tank (BGT) Closure</b>	Date and Hour of Occurrence <b>Unknown</b>	Date and Hour of Discovery <b>12-20-2014</b>
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? <b>N/A</b>	
By Whom? <b>N/A</b>	Date and Hour <b>N/A</b>	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. <b>N/A</b>	

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

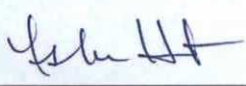
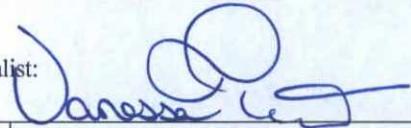
Describe Cause of Problem and Remedial Action Taken.\*

**Below-Grade Tank Closure activities with samples taken resulting in constituents exceeded standards outlined by 19.15.17.13 NMAC. Chloride levels at 270 mg/Kg.**

Describe Area Affected and Cleanup Action Taken.\*

**NMOCD action levels for releases are specified in NMOCD's Guidelines for Leaks, Spills and Releases and the release was assigned a ranking score of 0. Samples were collected and most analytical results are below applicable NMOCD action levels, with Chloride levels slightly above at 270 mg/Kg. With the risk rank of 0 and chloride level at 270 mg/kg, COPC does not believe there is any environmental risk. No further work will be performed. The final report is attached for review.**

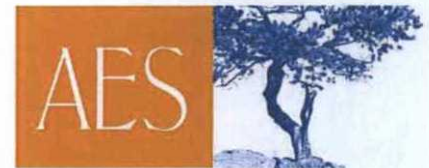
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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: 		OIL CONSERVATION DIVISION	
Printed Name: <b>Lisa Hunter</b>		Approved by Environmental Specialist: 	
Title: <b>Field Environmental Specialist</b>		Approval Date: <b>1/8/2016</b>	Expiration Date:
E-mail Address: <b>Lisa.Hunter@cop.com</b>		Conditions of Approval:	Attached <input type="checkbox"/>
Date: <b>December 16, 2015</b> Phone: <b>(505) 258-1607</b>			

\* Attach Additional Sheets If Necessary

NUF1600084013

15



Animas Environmental Services, LLC

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

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

Durango, Colorado  
970-403-3084

March 14, 2014

Lindsay Dumas  
ConocoPhillips  
San Juan Business Unit  
Office 214-07  
5525 Hwy 64  
Farmington, New Mexico 87401

Via electronic mail to: [SJBUE-Team@ConocoPhillips.com](mailto:SJBUE-Team@ConocoPhillips.com)

**RE: Below Grade Tank Closure Report  
Santa Fe G #2  
San Juan County, New Mexico**

Dear Ms. Dumas:

Animas Environmental Services, LLC (AES) is pleased to provide the final report associated with the below grade tank (BGT) closure at ConocoPhillips (CoP) Santa Fe G #2, 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 – Santa Fe G #2

Legal Description – SW¼ SW¼, Section 5, T27N, R11W, San Juan County, New Mexico

Well Latitude/Longitude – N36.59904 and W108.03351, respectively

BGT Latitude/Longitude – N36.59712 and W108.02992, respectively

Land Jurisdiction – Navajo Nation Trust

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map, December 2013

### 1.2 NMOCD Ranking

The Santa Fe G #2 is located within Navajo Nation Trust lands. Navajo Nation Environmental Protection Agency (NNEPA) adheres to action levels for releases and spills as established by the New Mexico Oil Conservation Division (NMOCD).

In accordance with the New Mexico Oil Conservation Division (NMOCD) *Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993), the location was given a ranking score of 0 based on the following factors:

- **Depth to Groundwater:** A C-144 form dated December 2013 reported the estimated depth to groundwater 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 wash which discharges into Horn Canyon is located approximately 5,500 feet north-northwest of the location. (0 points)

### 1.3 BGT Closure Assessment

AES was initially contacted by Steve Welch, CoP representative, on December 20, 2013, and later that day, Heather Woods 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 20, 2013, 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 VOCs and 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 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*.

### 2.1.3 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 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 0.0 ppm in S-5 up to 0.7 ppm in S-3. Field TPH concentrations ranged from less than 20.0 mg/kg in S-1 and S-3 up to 38.2 mg/kg in S-5. The field chloride concentration in SC-1 was 120 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  
Santa Fe G #2 BGT Closure, December 2013

Sample ID	Date Sampled	Depth below BGT (ft)	VOCs OVM Reading (ppm)	Field TPH (mg/kg)	Field Chlorides (mg/kg)
<b>NMOCD Action Level (NMAC 19.15.17.13E)</b>			<b>--</b>	<b>100</b>	<b>250</b>
S-1	12/20/13	0.5	0.1	<20.0	NA
S-2	12/20/13	0.5	0.6	28.8	NA
S-3	12/20/13	0.5	0.7	<20.0	NA
S-4	12/20/13	0.5	0.2	31.5	NA
S-5	12/20/13	0.5	0.0	38.2	NA
SC-1	12/20/13	0.5	0.1	NA	120

NA - not analyzed

Laboratory analytical results reported benzene and total BTEX concentrations in SC-1 as less than 0.030 mg/kg and 0.15 mg/kg, respectively. The laboratory chloride concentration was reported at 270 mg/kg. Laboratory analytical results are summarized in Table 2 and included on Figure 2. The laboratory analytical report is attached.

Table 2. Soil Laboratory Analytical Results  
Santa Fe G #2 BGT Closure, December 2013

<i>Sample ID</i>	<i>Date Sampled</i>	<i>Depth (ft)</i>	<i>Benzene (mg/kg)</i>	<i>Total BTEX (mg/kg)</i>	<i>TPH-GRO (mg/kg)</i>	<i>TPH-DRO (mg/kg)</i>	<i>Chlorides (mg/kg)</i>
<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	12/20/13	0.5	<0.030	<0.150	NA	NA	270

NA - not analyzed

### 3.0 Conclusions and Recommendations

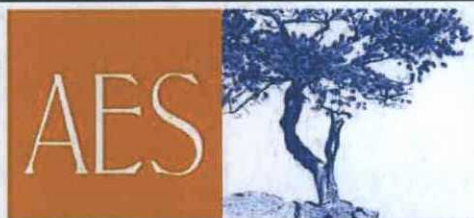
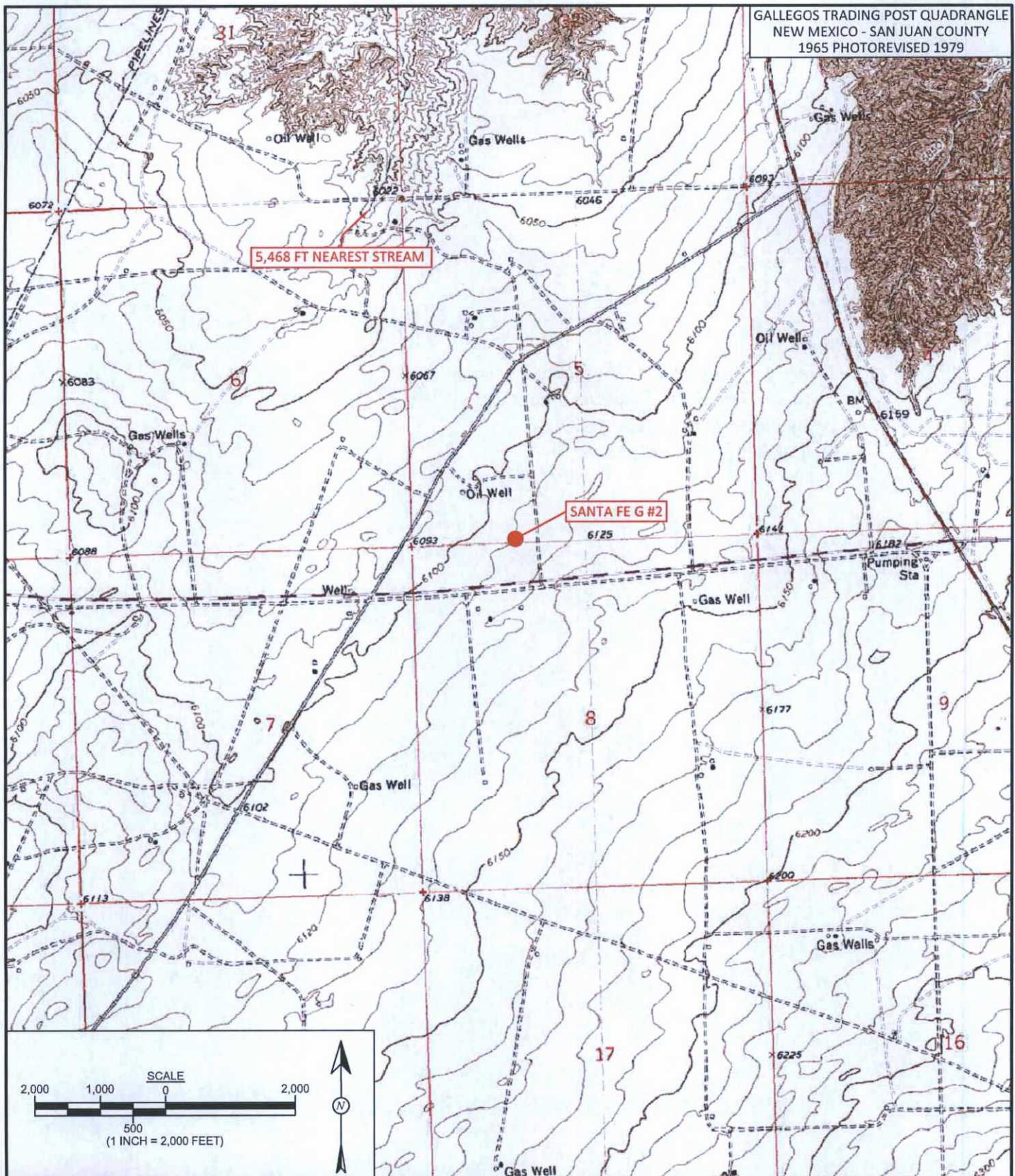
NMOCD action levels for BGT closures are specified in New Mexico Administrative Code (NMAC) 19.15.17.13E. Field TPH concentrations were below the NMOCD action level of 100 mg/kg, with the highest concentration reported in S-5 with 38.2 mg/kg. Benzene and total BTEX concentrations in SC-1 were below the NMOCD action levels of 0.2 mg/kg and 50 mg/kg, respectively. Chloride concentrations in SC-1 were just above the NMOCD action level of 250 mg/kg, with 270 mg/kg. However, it is estimated that depth to groundwater at the location exceeds 100 feet bgs. Based on field screening and laboratory analytical results for benzene, total BTEX, TPH, and chlorides (based on depth to groundwater), no further work is recommended at the Santa Fe G #2.

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

Sincerely,



David J. Reese  
Environmental Scientist



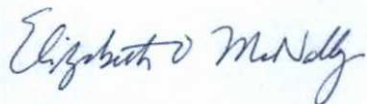
Animas Environmental Services, LLC

DRAWN BY: S. Glasses	DATE DRAWN: December 27, 2013
REVISIONS BY: C. Lameman	DATE REVISED: December 27, 2013
CHECKED BY: D. Watson	DATE CHECKED: December 27, 2013
APPROVED BY: E. McNally	DATE APPROVED: December 27, 2013

## FIGURE 1

### TOPOGRAPHIC SITE LOCATION MAP

ConocoPhillips  
SANTA FE G #2  
SW¼ SW¼, SECTION 5, T27N, R11W  
SAN JUAN COUNTY, NEW MEXICO  
N36.59904, W108.03351



Elizabeth McNally, P.E.

Attachments:

- Figure 1. Topographic Site Location Map
- Figure 2. Aerial Site Map, December 2013
- AES Field Screening Report 122013
- Hall Analytical Report 1312A28

R:\Animas 2000\Dropbox\0000 Animas Server Dropbox EM\2014 Projects\ConocoPhillips\Santa Fe G  
#2\Santa Fe G #2 BGT Closure Report 031414.docx

# AES Field Screening Report



Animas Environmental Services, LLC

www.animasenvironmental.com

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

Durango, Colorado  
970-403-3084

Client: ConocoPhillips

Project Location: Santa Fe G #2

Date: 12/20/2013

Matrix: Soil

Sample ID	Collection Date	Time of Sample Collection	Sample Location	OVM (ppm)	Field Chloride (mg/kg)	Field TPH Analysis Time	Field TPH* (mg/kg)	TPH PQL (mg/kg)	DF	TPH Analysts Initials
S-1	12/20/2013	14:50	North	0.1	NA	15:21	15.4	20.0	1	HMW
S-2	12/20/2013	14:51	South	0.6	NA	15:23	28.8	20.0	1	HMW
S-3	12/20/2013	14:52	East	0.7	NA	15:26	16.7	20.0	1	HMW
S-4	12/20/2013	14:53	West	0.2	NA	15:28	31.5	20.0	1	HMW
S-5	12/20/2013	14:54	Center	0.0	NA	15:30	38.2	20.0	1	HMW
SC-1	12/20/2013	14:55	Composite	0.1	120	Not Analyzed for TPH.				

DF Dilution Factor

NA Not Analyzed

ND Not Detected at the Reporting Limit

PQL Practical Quantitation Limit

\*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:

*Heather M. Woods*

**LEGEND**

● SAMPLE LOCATIONS

**Field Screening Results**

Sample ID	Date	OVM-PID (ppm)	TPH (mg/kg)	Chlorides (mg/kg)
<b>NMOCD ACTION LEVEL</b>		—	100	250
S-1	12/20/13	0.1	<20.0	NA
S-2	12/20/13	0.6	28.8	NA
S-3	12/20/13	0.7	<20.0	NA
S-4	12/20/13	0.2	31.5	NA
S-5	12/20/13	0.0	38.2	NA
SC-1	12/20/13	0.1	NA	120

SC-1 IS A 5-POINT COMPOSITE SAMPLE OF S-1 THROUGH S-5. NA - NOT ANALYZED

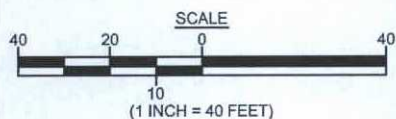
**Laboratory Analytical Results**

Sample ID	Date	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)	Chlorides (mg/kg)
<b>NMOCD ACTION LEVEL</b>		0.2	50	100		250
SC-1	12/20/13	<0.030	<0.150	NA	NA	270

SAMPLE WAS ANALYZED PER EPA METHOD 8021B AND 300.0.

SANTA FE G #2 WELLHEAD  
IS 1,130 FEET TO THE NW

BGT - N36.59712  
W108.02992



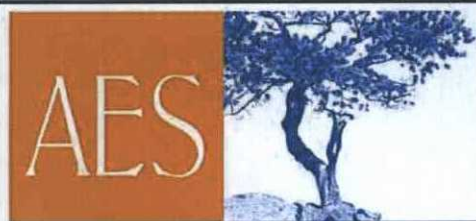
AERIAL SOURCE: © 2013 GOOGLE EARTH, AERIAL DATE: NOVEMBER 17, 2013

**FIGURE 2**

**AERIAL SITE MAP  
BELOW GRADE TANK CLOSURE  
DECEMBER 2013**

ConocoPhillips  
SANTA FE G #2

SW¼ SW¼, SECTION 5, T27N, R11W  
SAN JUAN COUNTY, NEW MEXICO  
N36.59904, W108.03351



Animas Environmental Services, LLC

**DRAWN BY:**  
S. Glasses

**DATE DRAWN:**  
December 27, 2013

**REVISIONS BY:**  
C. Lameman

**DATE REVISED:**  
March 10, 2014

**CHECKED BY:**  
D. Watson

**DATE CHECKED:**  
March 10, 2014

**APPROVED BY:**  
E. McNally

**DATE APPROVED:**  
March 10, 2014



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)

December 27, 2013

Debbie Watson  
Animas Environmental  
624 East Comanche  
Farmington, NM 87401  
TEL: (505) 486-4071  
FAX

RE: CoP Santa Fe G#2

OrderNo.: 1312A28

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 12/21/2013 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 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,

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order 1312A28

Date Reported: 12/27/2013

**Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Animas Environmental**Client Sample ID:** SC-1**Project:** CoP Santa Fe G#2**Collection Date:** 12/20/2013 2:55:00 PM**Lab ID:** 1312A28-001**Matrix:** MEOH (SOIL)**Received Date:** 12/21/2013 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.030		mg/Kg	1	12/23/2013 11:38:54 AM	R15690
Toluene	ND	0.030		mg/Kg	1	12/23/2013 11:38:54 AM	R15690
Ethylbenzene	ND	0.030		mg/Kg	1	12/23/2013 11:38:54 AM	R15690
Xylenes, Total	ND	0.060		mg/Kg	1	12/23/2013 11:38:54 AM	R15690
Surr: 4-Bromofluorobenzene	89.5	80-120		%REC	1	12/23/2013 11:38:54 AM	R15690
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SRM</b>
Chloride	270	30		mg/Kg	20	12/23/2013 11:07:19 AM	10954

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

**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 greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1312A28

27-Dec-13

Client: Animas Environmental

Project: CoP Santa Fe G#2

Sample ID	MB-10954	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	10954	RunNo:	15706					
Prep Date:	12/23/2013	Analysis Date:	12/23/2013	SeqNo:	452924	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-10954	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	10954	RunNo:	15706					
Prep Date:	12/23/2013	Analysis Date:	12/23/2013	SeqNo:	452925	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.3	90	110			

## 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 greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1312A28

27-Dec-13

Client: Animas Environmental

Project: CoP Santa Fe G#2

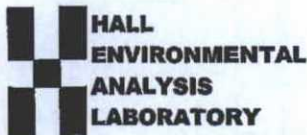
Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	R15690	RunNo:	15690					
Prep Date:		Analysis Date:	12/23/2013	SeqNo:	452772	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.92		1.000		91.8	80	120			

Sample ID	100NG BTEX LCS	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	R15690	RunNo:	15690					
Prep Date:		Analysis Date:	12/23/2013	SeqNo:	452773	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	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.0	0.10	3.000	0	100	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		90.7	80	120			

## 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 greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87105  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: www.hallenvironmental.com

## Sample Log-In Check List

Client Name: Animas Environmental

Work Order Number: 1312A28

RcptNo: 1

Received by/date:

Logged By: Lindsay Mangin

12/21/2013 8:20:00 AM

Completed By: Lindsay Mangin

12/21/2013 8:29:24 AM

Reviewed By:

SA 10/23/13

*[Signature]*

*[Signature]*

### 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 ☐  
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐  
14. Is it clear what analyses were requested? Yes ☒ No ☐  
15. Were all holding times able to be met?  
(If no, notify customer for authorization.) Yes ☒ No ☐

# of preserved  
bottles checked  
for pH:

( $<2$  or  $>12$  unless noted)

Adjusted? \_\_\_\_\_

Checked by: \_\_\_\_\_

### Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: \_\_\_\_\_

Date: \_\_\_\_\_

By Whom: \_\_\_\_\_

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: \_\_\_\_\_

Client Instructions: \_\_\_\_\_

17. Additional remarks:

### 18. Cooler Information

Cooler No.	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No.	Seal Date	Signed By
1	1.0	Good	Yes			

