

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 <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>Nye Federal 100</b>	Facility Type: <b>Gas Well</b>
Surface Owner <b>Federal</b>	Mineral Owner <b>Federal (SF-078244)</b>
API No. <b>30-045-34272</b>	

#### LOCATION OF RELEASE

Unit Letter <b>M</b>	Section <b>20</b>	Township <b>31N</b>	Range <b>12W</b>	Feet from the <b>1110</b>	North/South Line <b>South</b>	Feet from the <b>715</b>	East/West Line <b>West</b>	County <b>San Juan</b>
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Latitude 36.880688 Longitude 108.126401

#### 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>November 27, 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.	

If a Watercourse was Impacted, Describe Fully.\*

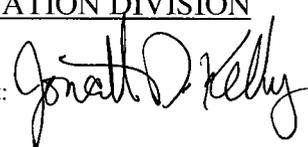
**RCVD JAN 31 '13  
OIL CONS. DIV.**

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

**DIST. 3**

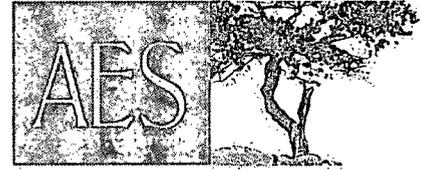
Describe Area Affected and Cleanup Action Taken.\*  
**The regulatory standard for closure at this site was determined to be 1000 ppm. Soil samples were taken and then transported to the lab and analytical results for TPH, BTEX and Chlorides were below the regulatory standards set forth in the NMOCD 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>2/1/2013</b>	Expiration Date:
E-mail Address: <b>crystal.tafoya@conocophillips.com</b>	Conditions of Approval: <b>C-144 Closure Permit needed for BBT Closure</b>	Attached <input type="checkbox"/>
Date: <b>1/31/2013</b> Phone: <b>(505) 326-9837</b>		

\* Attach Additional Sheets If Necessary

**njk1304232201**



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

January 14, 2013

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

**RE: Below Grade Tank Closure Report  
Nye Federal #100  
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) Nye Federal #100, 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 – Nye Federal #100

Legal Description – SW $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 20, T31N, R12W, San Juan County, New Mexico

Well Latitude/Longitude – N36.88067 and W108.12704, respectively

BGT Latitude/Longitude – N36.88051 and W108.12724, respectively

Land Jurisdiction – Bureau of Land Management (BLM)

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map, November 2012

### 1.2 NMOCD Ranking

Prior to site work, the New Mexico Oil Conservation Division (NMOCD) database was reviewed, and a C-144 form dated October 2009 for the Nye Federal #100 the depth to groundwater as greater than 100 feet below ground surface (bgs). 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 bgs. Unnamed washes are located approximately 230 feet north and 330 feet south 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 November 27, 2012, and on November 28, 2012, Heather Woods and Zach Trujillo of AES met with a CoP representative at 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 November 28, 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;
- Chloride per USEPA Method 300.0.

## 2.3 Field and Laboratory Analytical Results

Field screening readings for VOCs via OVM ranged from 0.3 ppm in S-5 up to 3.0 ppm in S-1. Field TPH concentrations ranged from less than 20.0 mg/kg in S-2 through S-5 up to 33.7 mg/kg in S-1. The field chloride concentration in SC-1 was 60 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  
 Nye Federal #100 BGT Closure, November 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>100</b>	<b>250</b>
S-1	11/28/12	0.5	3.0	33.7	NA
S-2	11/28/12	0.5	1.6	<20.0	NA
S-3	11/28/12	0.5	0.5	<20.0	NA
S-4	11/28/12	0.5	1.0	<20.0	NA
S-5	11/28/12	0.5	0.3	<20.0	NA
SC-1	11/28/12	0.5	NA	NA	60

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 less than 1.5 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  
Nye Federal #100 BGT Closure, November 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	11/28/12	0.5	<0.050	<0.25	NA	NA	<1.5

NA - not analyzed

### 3.0 Conclusions and Recommendations

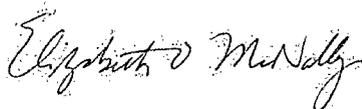
NMOCD action levels for BGT closures are specified in New Mexico Administrative Code (NMAC) 19.15.17.13E. Field TPH concentrations were below the NMOCD action level of 100 mg/kg, with the highest concentration reported in S-1 with 33.7 mg/kg. Chloride concentrations in SC-1 were below the NMOCD action level of 250 mg/kg. Benzene and total BTEX concentrations in SC-1 were below the NMOCD action levels 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 Nye Federal #100.

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

Sincerely,



Landrea Cupps  
Environmental Scientist



Elizabeth McNally, P.E.

**Attachments:**

- Figure 1. Topographic Site Location Map
- Figure 2. Aerial Site Map, November 2012
- AES Field Screening Report 112812
- Hall Analytical Report 1211A32

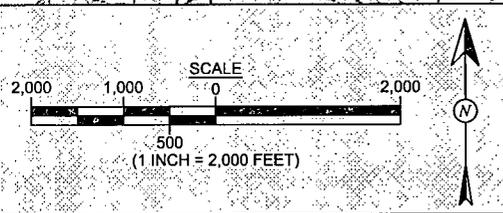
R:\Animas 2000\Dropbox\2013 Projects\ConocoPhillips\Nye Federal #100\Nye Federal #100 BGT Closure Report 011413.docx



LA PLATA QUADRANGLE  
 NEW MEXICO - SAN JUAN COUNTY  
 1963 PHOTOREVISED 1979

ADOBE DOWNS RANCH QUADRANGLE  
 NEW MEXICO - SAN JUAN COUNTY  
 1963 PHOTOREVISED 1979

FLORA VISTA QUADRANGLE  
 NEW MEXICO - SAN JUAN COUNTY  
 1963 PHOTOREVISED 1979



Animas Environmental Services, LLC

<b>DRAWN BY:</b> C. Lameman	<b>DATE DRAWN:</b> December 26, 2012
<b>REVISIONS BY:</b> C. Lameman	<b>DATE REVISED:</b> December 26, 2012
<b>CHECKED BY:</b> D. Watson	<b>DATE CHECKED:</b> December 26, 2012
<b>APPROVED BY:</b> E. McNally	<b>DATE APPROVED:</b> December 26, 2012

**FIGURE 1**

**TOPOGRAPHIC SITE LOCATION MAP**  
 ConocoPhillips  
 NYE FEDERAL #100  
 SAN JUAN COUNTY, NEW MEXICO  
 SW¼ SW¼, SECTION 20, T31N, R12W  
 N36.88067, W108.12704

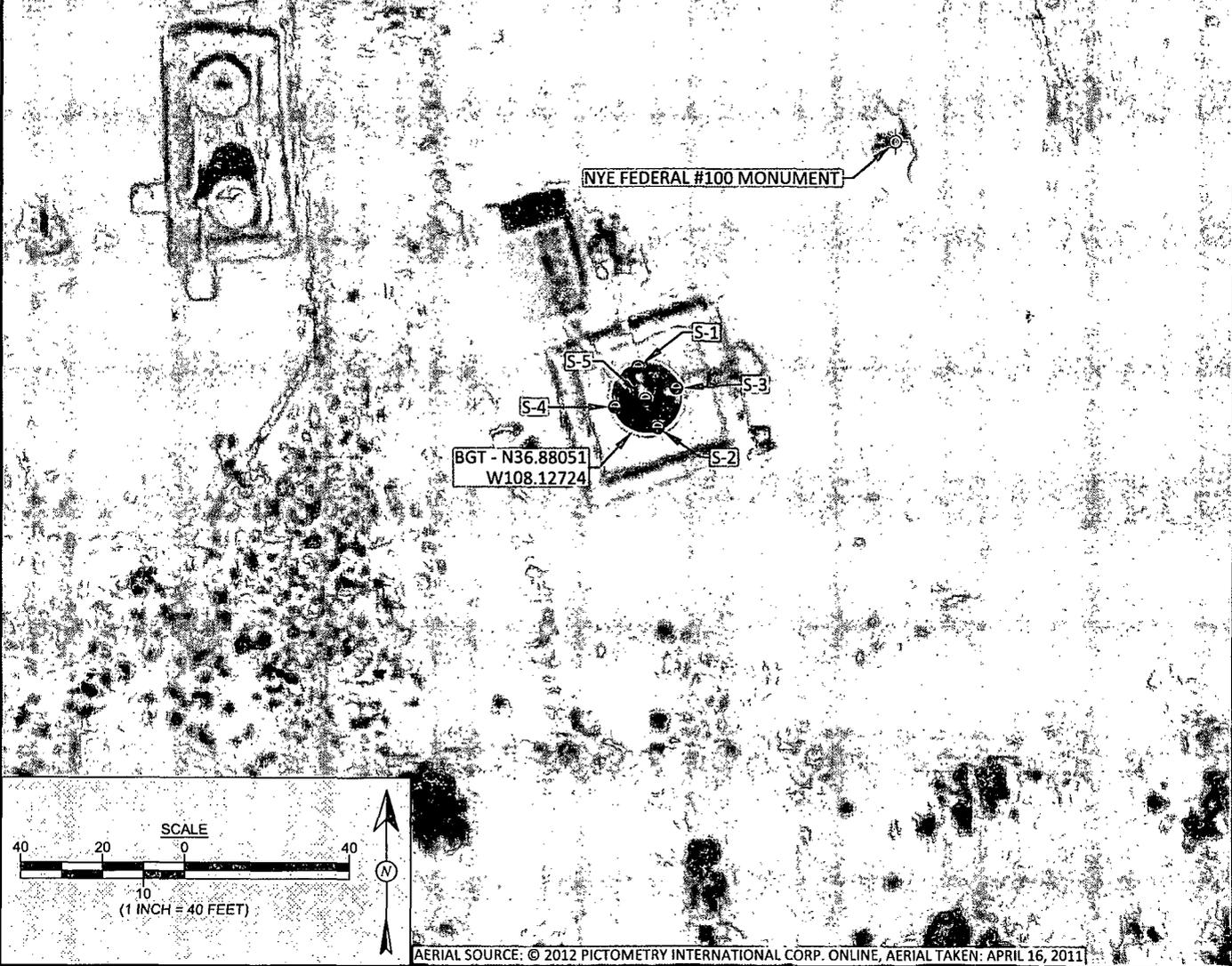
**LEGEND**  
 ● SAMPLE LOCATIONS

Field Screening Results				
Sample ID	Date	OVM-PID (ppm)	TPH (mg/kg)	Chlorides (mg/kg)
<b>NMOC ACTION LEVEL</b>		—	100	250
S-1	11/28/12	3.0	33.7	NA
S-2	11/28/12	1.6	<20.0	NA
S-3	11/28/12	0.5	<20.0	NA
S-4	11/28/12	1.0	<20.0	NA
S-5	11/28/12	0.3	<20.0	NA
SC-1	11/28/12	NA	NA	60

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>NMOC ACTION LEVEL</b>		0.2	50	100		250
SC-1	11/28/12	<0.050	<0.25	NA	NA	<1.5

SAMPLE WAS ANALYZED PER EPA METHOD 8021B AND 300.0.



<b>DRAWN BY:</b> C. Lameman	<b>DATE DRAWN:</b> December 26, 2012
<b>REVISIONS BY:</b> C. Lameman	<b>DATE REVISED:</b> December 26, 2012
<b>CHECKED BY:</b> D. Watson	<b>DATE CHECKED:</b> December 26, 2012
<b>APPROVED BY:</b> E. McNally	<b>DATE APPROVED:</b> December 26, 2012

**FIGURE 2**  
**AERIAL SITE MAP**  
**BELOW GRADE TANK CLOSURE**  
**NOVEMBER 2012**  
 ConocoPhillips  
 NYE FEDERAL #100  
 SAN JUAN COUNTY, NEW MEXICO  
 SW¼ SW¼, SECTION 20, T31N, R12W  
 N36.88067, W108.12704

# 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: Nye Federal #100

Date: 11/28/2012

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	11/28/2012	8:38	North	3.0	NA	9:22	33.7	20.0	1	HMW
S-2	11/28/2012	8:39	South	1.6	NA	9:25	<20.0	20.0	1	HMW
S-3	11/28/2012	8:41	East	0.5	NA	9:27	<20.0	20.0	1	HMW
S-4	11/28/2012	8:43	West	1.0	NA	9:29	<20.0	20.0	1	HMW
S-5	11/28/2012	8:45	Center	0.3	NA	9:31	<20.0	20.0	1	HMW
SC-1	11/28/2012	8:50	Composite	NA	60	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: *Leather M. Woods*



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 15, 2013

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

RE: COP Nye Federal #100

OrderNo.: 1211A32

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 11/29/2012 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued November 30, 2012.

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.

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', is written over a horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Animas Environmental Services

**Client Sample ID:** SC-1

**Project:** COP Nye Federal #100

**Collection Date:** 11/28/2012 8:50:00 AM

**Lab ID:** 1211A32-001

**Matrix:** MEOH (SOIL)

**Received Date:** 11/29/2012 10:00:00 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	11/29/2012 12:37:12 PM
Toluene	ND	0.050		mg/Kg	1	11/29/2012 12:37:12 PM
Ethylbenzene	ND	0.050		mg/Kg	1	11/29/2012 12:37:12 PM
Xylenes, Total	ND	0.10		mg/Kg	1	11/29/2012 12:37:12 PM
Surr: 4-Bromofluorobenzene	106	80-120		%REC	1	11/29/2012 12:37:12 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JRR</b>
Chloride	ND	1.5		mg/Kg	1	11/29/2012 12:24:38 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#: 1211A32

15-Jan-13

Client: Animas Environmental Services

Project: COP Nye Federal #100

Sample ID	MB-5032	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	5032	RunNo:	7195					
Prep Date:	11/29/2012	Analysis Date:	11/29/2012	SeqNo:	208569	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-5032	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	5032	RunNo:	7195					
Prep Date:	11/29/2012	Analysis Date:	11/29/2012	SeqNo:	208570	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.0	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#: 1211A32

15-Jan-13

Client: Animas Environmental Services

Project: COP Nye Federal #100

Sample ID	100NG BTEX LCS	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	R7180	RunNo:	7180					
Prep Date:		Analysis Date:	11/29/2012	SeqNo:	208676	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.050	1.000	0	98.8	76.3	117			
Toluene	0.99	0.050	1.000	0	99.4	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.6	77	116			
Xylenes, Total	3.0	0.10	3.000	0	99.9	76.7	117			
Surr: 4-Bromofluorobenzene	1.1		1.000		109	80	120			

Sample ID	1211A32-001AMS	SampType:	MS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	SC-1	Batch ID:	R7180	RunNo:	7180					
Prep Date:		Analysis Date:	11/29/2012	SeqNo:	208678	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.74	0.050	0.7480	0	98.4	67.2	113			
Toluene	0.74	0.050	0.7480	0	99.0	62.1	116			
Ethylbenzene	0.75	0.050	0.7480	0	100	67.9	127			
Xylenes, Total	2.2	0.10	2.244	0	100	60.6	134			
Surr: 4-Bromofluorobenzene	0.81		0.7480		109	80	120			

Sample ID	1211A32-001AMSD	SampType:	MSD	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	SC-1	Batch ID:	R7180	RunNo:	7180					
Prep Date:		Analysis Date:	11/29/2012	SeqNo:	208679	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.73	0.050	0.7480	0	97.2	67.2	113	1.20	14.3	
Toluene	0.74	0.050	0.7480	0	98.6	62.1	116	0.410	15.9	
Ethylbenzene	0.74	0.050	0.7480	0	99.5	67.9	127	0.461	14.4	
Xylenes, Total	2.2	0.10	2.244	0	100	60.6	134	0.0666	12.6	
Surr: 4-Bromofluorobenzene	0.83		0.7480		110	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

# Sample Log-In Check List

Client Name: Animas Environmental Work Order Number: 1211A32  
 Received by/date: AG 11/29/12  
 Logged By: Lindsay Mangin 11/29/2012 10:00:00 AM *[Signature]*  
 Completed By: Lindsay Mangin 11/29/2012 10:17:33 AM *[Signature]*  
 Reviewed By: IO 11/29/2012

**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? (Note discrepancies on chain of custody) Yes  No
14. Are matrices correctly identified on Chain of Custody? Yes  No
15. Is it clear what analyses were requested? Yes  No
16. 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)**

17. 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:			

18. Additional remarks:

**19. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

