<u>District 1</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 District III
1000 Rio Brazos Road, Aztec, NM 87410 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

Release Notification and Corrective Action

Submit 1 Copy to appropriate District Office to accordance with 19.15.29 NMAC.

						OPERA	<u>ror</u>		Initial	l Report		Final Re	port
				l & Gas Compar		Contact Crystal Tafoya							
		th St, Farming		!			No.(505) 326-98	337					
Facility Na	me: San Ju	ıan 30-6 Un	it 435S			Facility Typ	e: Gas Well						
Surface Ov	vner BLM			Mineral C	wner I	BLM (SF-08	80713)		API No.	30-039-27	792		
				LOCA	TIO	N OF RE	LEASE						
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/W	Vest Line	County			
P	13	30N	6W	280		South	780	1		Rio Arriba	1		
				Latitude <u>3</u>	6.8059	8 Longitu	de <u>107.4098</u>						
				NAT	URE	OF REL	EASE						
Type of Rele		luced Fluids				Volume of			Volume Re		Non		
Source of Ro	elease Belo	ow Grade Tai	nk			Date and F Unknown	Hour of Occurrence	ce	Date and F November	Hour of Disc r 28, 2012	overy		
Was Immedi	iate Notice C					If YES, To							
			Yes □	No 🛛 Not Re	equired								
By Whom?						Date and I							
Was a Water	rcourse Reac		Yes 🛭 N	No		If YES, Vo	olume Impacting	the Wate	rcourse.				
If a Waterco	urse was Im	pacted, Descri	ibe Fully.*	:									
									RO	UD JAN 3	4 4 4		
									76% 1121	r sunato L vilau-re	FATE S		
		em and Remed sure Activitie		ı Taken.*					Arra Mr	From Albahara Albahara	norse y u		
Delow Grau	ie Talik Cio	sure Activitie	29							DIST. 3	i		
Describe Are	ea Affected a	and Cleanup A	Action Tak	en.*									
The regulate	ory standar	d for closure	at this sit	e was determine									
				les were below th					OCD Guide	elines for R	emedi	ation of	
Leaks, Spiii	s and Reiea	se; inereiore	no turtne	r action is requir	rea. In	ie iinai repoi	t is attached for	review.					
I hereby cert	ify that the i	nformation gi	ven above	is true and compl	lete to t	he best of my	knowledge and u	ınderstan	d that pursu	ant to NMC	OCD rt	ıles and	
regulations a	all operators	are required to	o report an	d/or file certain re	elease n	otifications a	nd perform correc	ctive acti	ons for relea	ases which t	may en	ndanger	
1 -			-	e of a C-141 repo				_					
				investigate and re tance of a C-141 i									ı
		ws and/or regu					o mo oporator or	responsi					
			1				OIL CON	SERV	ATION I	<u>DIVISIO</u>	<u>N</u> .		
	Landa	la Taf	oya						٨	1/	/1		
Signature:	.,,,,,,,,		8			Approved by	Environmental S	necialist	. Contr	#D1.1	سالار	Λ.	
						Approved by	Environmentars	рестаны		(Ŋ	
Printed Nam	e: Crystal'	Lafoya					/ ,		V				—
Title: Field	Environme	ntal Specialis	<u>it</u>			Approval Da	te: 2/11/ <u>201</u>		Expiration D				
E-mail Addr	ess: crystal.t	afoya@conoc	ophillips.c	com		Conditions o	ا کراد Approval: آ آ و	14 Clo eded	suse Pesuic Co-6 BGT	Attached	П		
Date: 1/31/2	2013	Phone: ((505) 326-	9837		Closu			·- · ·		_		

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

San Juan 30-6 #435S

Rio Arriba 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) San Juan 30-6 #435S, located in Rio Arriba County, New Mexico. Tank removal had been completed by CoP contractors prior to AES' arrival at the location.

1.0 Site Information

1.1 Location

Site Name - San Juan 30-6 #435S

Legal Description – SW¼ SE¼, Section 13, T30N, R6W, Rio Arriba County, New Mexico Well Latitude/Longitude – N36.80616 and W107.41045, respectively BGT Latitude/Longitude – N36.80593 and W107.41069, 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 Form C-103 dated November 2004 for the San Juan 30-6 #435S reported 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



Animas Environmental Services, LLC

www.animasenvironmental.com

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

> Durango, Colorado 970-403-3084

(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 less than 50 feet bgs. The wash in La Jara Canyon is located approximately 70 feet south of the location. Based on this information, the location was assessed a ranking score of 40.

1.3 BGT Closure Assessment

AES was initially contacted by Bruce Yazzie, CoP representative, on November 28, 2012, and on November 29, 2012, Deborah Watson and Kelsey Christiansen 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.

2.0 Soil Sampling

On November 29, 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 2.8 ppm in S-2 up to 4.3 ppm in S-5. Field TPH concentrations were less than 20.0 mg/kg in each sample (S-1 through S-5). The field chloride concentration in SC-1 was 80 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 San Juan 30-6 #435S BGT Closure, November 2012

Sample ID	Date Sampled	Depth below BGT (ft)	VOCs OVM Reading (ppm)	Field TPH (mg/kg)	Field Chlorides (mg/kg)
NMOCD Action	Level (NMAC 19.	15.17.13E)		100	250
S-1	11/29/12	0.5	3.3	<20.0	NA
S-2	11/29/12	0.5	2.8	<20.0	NA
S-3	11/29/12	0.5	4.1	<20.0	NA
S-4	11/29/12	0.5	3.6	<20.0	NA
S-5	11/29/12	0.5	4.3	<20.0	NA
SC-1	11/29/12	0.5	NA	NA	80

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 74 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 San Juan 30-6 #435S 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)
NMOCD Action	Level (NMAC 19.15	.17.13E)	0.2	50	10	250	
SC-1	11/29/12	0.5	<0.050	<0.25	NA	NA	74

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 in each sample, and chloride concentrations in SC-1 were also 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 San Juan 30-6 #435S.

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

Elystet V MiNdly

Bandres R. Cupps

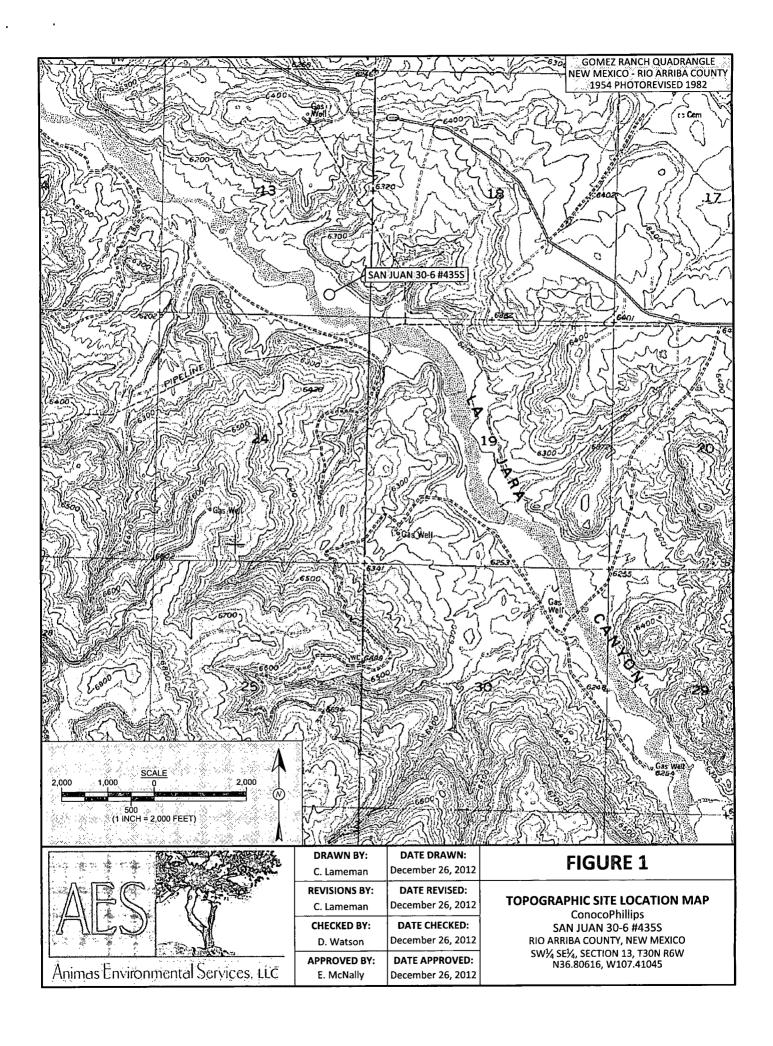
Elizabeth McNally, P.E.

Crystal Tafoya San Juan 30-6 #435S BGT Closure Report January 14, 2013 Page 5 of 5

Attachments:

Figure 1. Topographic Site Location Map Figure 2. Aerial Site Map, November 2012 AES Field Screening Report 112912 Hall Analytical Report 1211A80

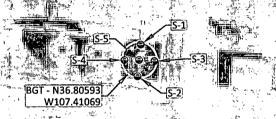
R:\Animas 2000\Dropbox\2013 Projects\ConocoPhillips\SJ 30-6 #435S\San Juan 30-6 #435S BGT Closure Report 011413.docx

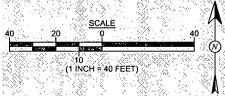


	Field Scr	eening Ro	esults	l krenzer
Sample ID	Date	OVM- PID (ppm)	TPH (mg/kg)	Chlorides (mg/kg)
NMOCD AC	TION LEVEL	24. 28.	100	250
S-1	11/29/12	⊗3.3 ↔	<20.0	.≫ NA .
S-2	11/29/12	. 2.8 %	<20.0	NA
S-3	11/29/12	4.1	<20.0	NA NA
S-4	11/29/12	3.6	<20.0	⇒ NA
> `S-5	11/29/12	%4.3 ₹	<20.0	NA 🚕
SC-1	11/29/12	NA 🦿	NA /	80
SC-1 IS A 5-PC THROUGH S-5	25 N TO THE RESERVE	シアスマディン	211 35 7267	-1

The same of the sa	150 A	and the same of th	Market	721 W. 182	The state of the	Sec. 4
	100	Laborato	ry Analytica	l Results		X X - X - X - X - X - X - X - X - X
Sample ID	Date	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)	Chlorides (mg/kg)
NMOCD ACT	ON LEVEL	<i>∜</i>	50	C 0000010	00	250
SC-1 👺	11/29/12	<0.050	<0.25	NA 🔆	NA .	74
SAMPLE WAS	ANALYZED	PER EPA M	ETHOD 8021	B AND 300	.0.	

SAN JUAN 30-6 #435S MONUMENT





AERIAL SOURCE: © 2012 MICROSOFT CORPORATION - AVAILABLE EXCLUSIVELY BY DIGITALGLOBE



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	IE GO GITGEL O EGEE ITHIO	
_	DRAWN BY:	DATE DRAWN:
	C. Lameman	December 26, 2012
	REVISIONS BY:	DATE REVISED:
	C. Lameman	December 26, 2012
	CHECKED BY:	DATE CHECKED:
	D. Watson	December 26, 2012
	APPROVED BY:	DATE APPROVED:
	E. McNally	December 26, 2012

FIGURE 2

AERIAL SITE MAP BELOW GRADE TANK CLOSURE NOVEMBER 2012 ConocoPhillips SAN JUAN 30-6 #4355

ConocoPhillips
SAN JUAN 30-6 #435S
RIO ARRIBA COUNTY, NEW MEXICO
SW¼ SE¼, SECTION 13, T30N R6W
N36.80616, W107.41045

AES Field Screening Report

Client: ConocoPhillips

Project Location: San Juan 30-6 #435S

Date: 11/29/2012

Matrix: Soil



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> Durango, Colorado 970-403-3274

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	11/29/2012	13:50	North	3.3	NA	20:13	<20.0	20.0	1	DAW
S-2	11/29/2012	13:52	South	2.8	NA	20:15	<20.0	20.0	1	DAW
S-3	11/29/2012	13:54	East	4.1	NA	20:17	<20.0	20.0	1	DAW
S-4	11/29/2012	13:56	West	3.6	NA	20:19	<20.0	20.0	1	DAW
S-5	11/29/2012	13:58	Center	4.3	NA	20:22	<20.0	20.0	1	DAW
SC-1	11/29/2012	14:00	Composite	NA	80		Not i	Analyzed for Ti	PH.	

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

Debruh Water

Silver Nitrate

Total Petroleum Hydrocarbons - USEPA 418.1

Analyst:

Page 1

Report Finalized: 11/29/12



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

OrderNo.: 1211A80

December 05, 2012

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

FAX

RE: CoP San Juan 30-6 #435S

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 11/30/2012 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 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,

John Caldwell

Supervisor

4901 Hawkins NE

Albuquerque, NM 87109

Worldweld

Analytical Report

Lab Order 1211A80

Date Reported: 12/5/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Client Sample ID: SC-1

CoP San Juan 30-6 #435S Project:

Collection Date: 11/29/2012 2:00:00 PM

1211A80-001 Lab ID:

Matrix: MEOH (SOIL) Received Date: 11/30/2012 9:45:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.050	mg/Kg	1	11/30/2012 12:25:40 PM
Toluene	ND	0.050	mg/Kg	1	11/30/2012 12:25:40 PM
Ethylbenzene	ND	0.050	mg/Kg	1	11/30/2012 12:25:40 PM
Xylenes, Total	ND	0.10	mg/Kg	1	11/30/2012 12:25:40 PM
Surr: 4-Bromofluorobenzene	103	80-120	%REC	1	11/30/2012 12:25:40 PM
EPA METHOD 300.0: ANIONS					Analyst: JRR
Chloride	74	30	mg/Kg	20	11/30/2012 1:15:47 PM

Qualifiers:

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

- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits 1 of 3 S

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1211A80

05-Dec-12

Client:

Animas Environmental Services

Project:

CoP San Juan 30-6 #435S

Sample	ID	MB-5048
--------	----	---------

SampType: MBLK

TestCode: EPA Method 300.0: Anions

LowLimit

Client ID:

PBS

Batch ID: 5048

RunNo: 7229

Prep Date: 11/30/2012 Analysis Date: 11/30/2012

SegNo: 209559

Units: mg/Kg

PQL

Analyte

Result ND SPK value SPK Ref Val %REC

HighLimit

%RPD **RPDLimit**

Qual

Chloride

1.5

Sample ID LCS-5048

SampType: LCS

TestCode: EPA Method 300.0: Anions RunNo: 7229

Prep Date: 11/30/2012

LCSS

Batch ID: 5048 Analysis Date: 11/30/2012

SegNo: 209560

Units: mg/Kg

Analyte

Client ID:

Result PQL

SPK value SPK Ref Val

%REC

LowLimit HighLimit 110 **RPDLimit**

Qual

Chloride

14 1.5 15.00

15.00

95.9

%RPD

Sample ID 1211A82-001BMS Client ID:

Prep Date:

BatchQC

SampType: MS Batch ID: 5048

Result

Result

ND

ND

RunNo: 7229

SeqNo: 209562

TestCode: EPA Method 300.0: Anions

Units: mg/Kg

Qual

Analyte Chloride

11/30/2012

Analysis Date: 11/30/2012

PQL

SPK value SPK Ref Val %REC

LowLimit 124

HighLimit

%RPD **RPDLimit**

S

Sample ID 1211A82-001BMSD Client ID:

Prep Date:

BatchQC

SampType: MSD

TestCode: EPA Method 300.0: Anions

RunNo: 7229

Units: mg/Kg

Qual

Analyte Chloride

11/30/2012

Batch ID: 5048 Analysis Date: 11/30/2012

PQL

30

SPK value

15.00

SPK Ref Val

SeqNo: 209563 %REC

124

LowLimit

64.4

HighLimit

117

%RPD

0

RPDLimit

Qualifiers:

Value exceeds Maximum Contaminant Level.

Е Value above quantitation range

Analyte detected below quantitation limits

Sample pH greater than 2

Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit RPD outside accepted recovery limits

ND

Page 2 of 3

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1211A80

05-Dec-12

Client:

Animas Environmental Services

Project:

CoP San Juan 30-6 #435S

Sample ID 5ML RB	SampT	SampType: MBLK			tCode: El	iles				
Client ID: PBS	Batch	Batch ID: R7211			RunNo: 7	211				
Prep Date:	Analysis D	ate: 11	1/30/2012	SeqNo: 209540			Units: mg/K	(g		
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		105	80	120			

Sample ID 100NG BTEX LO	CS Samp	S SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Bato	Batch ID: R7211 Analysis Date: 11/30/2012			RunNo: 7	211					
Prep Date:	Analysis [SeqNo: 209541			ξg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.97	0.050	1.000	0	97.2	76.3	117				
Toluene	0.99	0.050	1.000	0	99.1	80	120				
Ethylbenzene	0.99	0.050	1.000	0	99.2	7 7	116				
Xylenes, Total	3.0	0.10	3.000	0	99.5	76.7	117				
Surr: 4-Bromofluorobenzene	1.1		1.000		111	80	120				

Sample ID 1211A80-001AMS	Samp	Туре: М5	3	Tes	8021B: Volat	tiles				
Client ID: SC-1	Bato	ch ID: R7	211	F	RunNo: 7	211				
Prep Date:	Analysis	nalysis Date: 11/30/2012 SeqNo: 209543 Units: mg/Kg						ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.77	0.050	0.8022	0	96.2	67.2	113			
Toluene	0.77	0.050	0.8022	0	96.4	62.1	116			
Ethylbenzene	0.78	0.050	0.8022	0	97.3	67.9	127			
Xylenes, Total	2.3	0.10	2.407	0 97.6 60.6			134			
Surr: 4-Bromofluorobenzene	0.85		0.8022		106	80	120			

Sample ID	1211A80-001AMSL	80-001AMSD SampType: MSD TestCode: EPA Method 802									
Client 1D:	Client ID: SC-1 Batch ID: R7211					RunNo: 7					
Prep Date:		Analysis Date: 11/30/2012			9	SeqNo: 2	09544	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.80	0.050	0.8022	0	99.6	67.2	113	3.54	14.3	
Toluene		0.80	0.050	0.8022	0	100	62.1	116	3.84	15.9	
Ethylbenzene		0.80	0.050	0.8022	0	100	67.9	127	3.01	14.4	
Xylenes, Total		2.4	0.10	2.407	0	102	60.6	134	4.22	12.6	
Surr: 4-Bron	nofluorobenzene	0.90		0.8022		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

Page 3 of 3



4901 Hawkins NE Albuquerque, NM 87105 TEL: 505-345-3975 FAX: 505-345-410; Website: www.hallenvironmental.con

Sample Log-In Check List

Clier	nt Name: Animas	Environmental	1 1	Work On	der Num	ber: 1:	211A80	. , ,	•	
Rece	eived by/date:	M	11/30/12							Į
Logg	ged By: Michelle	e Garcia	/ (11/30/2012 9:45:00 /	AM		Muh	uli General			
Com	npleted By: Michelle	e Garcia	11/30/2012 9:53:30	AM		mic	Ul Corne			
Revi	lewed By:				•					
Cha	in of Custody	0								
1.	Were seals intact?			Yes	☐ No		Not Pres	ent 🗹		
2.	Is Chain of Custody co	mplete?		Yes	☑ No		Not Pres	ent 🗆		
3.	How was the sample d	lelivered?		Cour	<u>ier</u>					
Log	<u>In</u>						•			
4.	Coolers are present? (Yes	☑ No		1	NA 🗆				
5 .	5. Was an attempt made to cool the samples?						1	NA 🗆		
6.	Were all samples rece	Yes	✓ No		1	NA 🗆				
7.	Sample(s) in proper co	ontainer(s)?		Yes	☑ No					
8.	Sufficient sample volum	me for indicated to	est(s)?	Yes	☑ No					
9.	Are samples (except V	OA and ONG) pro	operly preserved?	Yes	✓ No					
10.	10. Was preservative added to bottles?					\checkmark	N	JA 🗆		
11.	VOA vials have zero h	eadspace?		Yes	☐ No		No VOA VI	als 🗹		
12.	Were any sample cont	ainers received b	roken?	Yes	□ No	Y				
	Does paperwork match (Note discrepancies or)	Yes	☑ No			preserved es checked H:		
14.	Are matrices correctly	identified on Chai	п of Custody?	Yes	✓ No				2 or >12	unless noted)
15.	ls it clear what analyse	es were requested	?		✓ No			Adjusted?		
	Were all holding times (If no, notify customer)			Yes	☑ No			Checked by	y:	
Spec	cial Handling (if a	pplicable)								
17.	Was client notified of a	III discrepancies w	vith this order?	Yes	☐ No			NA 🗹		
	Person Notified:		Date:							
	By Whom:		Via:	eMai	I 🗍 PI	none [Fax [In Person		
	Regarding:									
	Client Instructions	s:								
18.	Additional remarks:			•						
19. 9	Cooler Information									
	Cooler No Temp		Seal Intact Seal No	Seal Da	te 📗	Signed	l By			
	1 3.3	Good	Yes		1.					

Chain-of-Custody Record		Tum-Around Time:				HALL ENVIRONMENTAL															
Client	himas	Envivo	onmental	☐ Standard	Rush	Same day	-			•	N	AL	Y	SIS	5 L	AE	30		ATC		
Mailing	Address	ا <u>دی</u> ا	F Comanche	Project Name: CoP San Juan 30-6 #435 S				www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109													
Farm	Farmington NM 87401		Project #:				Tel. 505-345-3975 Fax 505-345-4107														
Phone #: 565-564-8821		7			\$2.1					A	inaly	/sis	Req	ueși		200					
email or Fax#:			Project Mana	ager:			<u> </u>	<u>e</u>					(4)							T	
QA/QC Package: Standard □ Level 4 (Full Validation)			D watson				+ TPH (Gas only)	(Gas on as/Dies					,PO4,SC	PCB's							
Accreditation □ NELAP □ Other			Sample: D Warson Onlice XXVC D No Sample: liempe lature 3				표	15B (C	18.1)	04.1)	AH)		3,NO ₂	/ 808		F	3			I V	
□ EDD (Type)			Sample Tem	de la fine 🔻 🛪	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			8	4 4	d Si	or P	tals	N.	des	2	9	ट्	}		Įž	
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEARION OF THE STATE OF THE STA		BTEX + MTBE	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,CI,NO3,NO2,PO4,SO4)	8081 Pesticides / 8082	8260B (VOA)	8270 (Semi-VOA)	300.0 Chlondes			Air Buhhloo IV
11-29-12	1400	sni	Sc-1	Meost Kut	M10#	-001	X											X			T
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			<u> </u>	101		<u> </u>		L	<u> </u>			· [
Date: 29-12 Date:	9-12 2145 Nibih Water /			Received by: Date Time 11/20/17/09/5 Received by: Date Time			Re	Remarks: Bul to ConocoPhillips Will: SJ 30-6 #14355 act. code Calling Income ID KG Area: 8 Supervisor: the wo: 10340652 orderedby:							CZ (Con Ha	200 JARCIA					
			<u>/</u>				wo: 10340652						ordered by Bruce yourse								
H	necessary,	samples subn	nitted to Hall Environmental may be sub	contracted to other as	ccredited laboratorie	es. This serves as notice of	this pos	vtilidia	Anv ei	h.~~			-210 1								