

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Burlington Resources Oil & Gas Co.	Contact Bobby Spearman
Address 3401 East 30 th St, Farmington, NM	Telephone No. (505)-320-3045
Facility Name: San Juan 30-6 487	Facility Type: Gas well

Surface Owner: BLM	Mineral Owner: Fed	API No. 3003925023
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LOCATION OF RELEASE

Unit Letter N	Section 23	Township 30N	Range 6W	Feet from the 810	North/South Line South	Feet from the 1695	East/West Line West	County Rio Arriba
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Latitude 36.79287 Longitude -107.43495

NATURE OF RELEASE

Type of Release Produce water	Volume of Release 3 bbl	Volume Recovered 0
Source of Release Wellhead	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Vanessa Fields NMOCD, Katherina Diemer BLM	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. OIL CONS. DIV DIST. 3	

If a Watercourse was Impacted, Describe Fully.*

NOV 08 2016

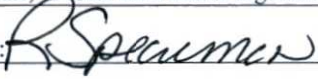
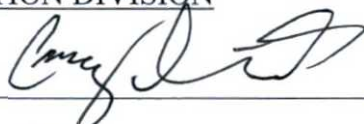
Describe Cause of Problem and Remedial Action Taken.*

Thread on well Head B-1 adaptor developed a hole in the threads. Well leaked fluid when pumping unit was in service. Shut in pumping unit and leaked stopped

Describe Area Affected and Cleanup Action Taken.*

On 7/30/16 a 5 point composite confirmation sampling was collected along the spill area at a depth of 6" or greater. Analytical results for the BTEX and TPH were below the regulatory standards (ND) set forth in the NMOCD Guidelines for Remediation of Leaks, Spills and Releases. Chlorides testing was conducted as well. Results indicate a greater than 1000 high chloride level in SC 1 and 4. Gypsum was raked into these areas to lower chloride levels. The final lab report is attached for your 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: Bobby Spearman	Approved by Environmental Specialist: 		
Title: Field Environmental Specialist	Approval Date: 12/7/16	Expiration Date:	
E-mail Address: Robert.E.Spearman@conocophillips.com	Conditions of Approval: —		Attached <input type="checkbox"/>
Date: 11-7-6	Phone: (505) 320-3045		

* Attach Additional Sheets If Necessary

#NVF1621528344

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

August 09, 2016

Heather Woods

Rule Engineering LLC
501 Airport Dr., Ste 205
Farmington, NM 87401
TEL: (505) 325-1055
FAX

RE: San Juan 30-6 487

OrderNo.: 1608006

Dear Heather Woods:

Hall Environmental Analysis Laboratory received 4 sample(s) on 7/30/2016 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. 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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 1608006

Date Reported: 8/9/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Rule Engineering LLC

Client Sample ID: SC-1

Project: San Juan 30-6 487

Collection Date: 7/29/2016 10:45:00 AM

Lab ID: 1608006-001

Matrix: SOIL

Received Date: 7/30/2016 9:50:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	1600	75		mg/Kg	50	8/5/2016 5:51:10 PM	26787
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/2/2016 2:20:39 PM	26722
Surr: DNOP	90.6	70-130		%Rec	1	8/2/2016 2:20:39 PM	26722
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/2/2016 4:38:18 PM	26718
Surr: BFB	98.7	49.4-163		%Rec	1	8/2/2016 4:38:18 PM	26718
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/2/2016 4:38:18 PM	26718
Toluene	ND	0.047		mg/Kg	1	8/2/2016 4:38:18 PM	26718
Ethylbenzene	ND	0.047		mg/Kg	1	8/2/2016 4:38:18 PM	26718
Xylenes, Total	ND	0.094		mg/Kg	1	8/2/2016 4:38:18 PM	26718
Surr: 4-Bromofluorobenzene	94.8	80-120		%Rec	1	8/2/2016 4:38:18 PM	26718

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Rule Engineering LLC**Client Sample ID:** SC-2**Project:** San Juan 30-6 487**Collection Date:** 7/29/2016 10:53:00 AM**Lab ID:** 1608006-002**Matrix:** SOIL**Received Date:** 7/30/2016 9:50:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	550	30		mg/Kg	20	8/4/2016 6:01:03 PM	26787
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/2/2016 2:42:43 PM	26722
Surr: DNOP	97.3	70-130		%Rec	1	8/2/2016 2:42:43 PM	26722
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/2/2016 5:49:05 PM	26718
Surr: BFB	97.4	49.4-163		%Rec	1	8/2/2016 5:49:05 PM	26718
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/2/2016 5:49:05 PM	26718
Toluene	ND	0.047		mg/Kg	1	8/2/2016 5:49:05 PM	26718
Ethylbenzene	ND	0.047		mg/Kg	1	8/2/2016 5:49:05 PM	26718
Xylenes, Total	ND	0.094		mg/Kg	1	8/2/2016 5:49:05 PM	26718
Surr: 4-Bromofluorobenzene	92.1	80-120		%Rec	1	8/2/2016 5:49:05 PM	26718

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1608006

Date Reported: 8/9/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Rule Engineering LLC

Client Sample ID: SC-3

Project: San Juan 30-6 487

Collection Date: 7/29/2016 10:55:00 AM

Lab ID: 1608006-003

Matrix: SOIL

Received Date: 7/30/2016 9:50:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	820	30		mg/Kg	20	8/4/2016 6:13:27 PM	26787
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	8/2/2016 3:04:42 PM	26722
Surr: DNOP	93.1	70-130		%Rec	1	8/2/2016 3:04:42 PM	26722
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/2/2016 6:12:39 PM	26718
Surr: BFB	97.2	49.4-163		%Rec	1	8/2/2016 6:12:39 PM	26718
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/2/2016 6:12:39 PM	26718
Toluene	ND	0.049		mg/Kg	1	8/2/2016 6:12:39 PM	26718
Ethylbenzene	ND	0.049		mg/Kg	1	8/2/2016 6:12:39 PM	26718
Xylenes, Total	ND	0.097		mg/Kg	1	8/2/2016 6:12:39 PM	26718
Surr: 4-Bromofluorobenzene	90.7	80-120		%Rec	1	8/2/2016 6:12:39 PM	26718

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1608006

Date Reported: 8/9/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Rule Engineering LLC

Client Sample ID: SC-4

Project: San Juan 30-6 487

Collection Date: 7/29/2016 10:57:00 AM

Lab ID: 1608006-004

Matrix: SOIL

Received Date: 7/30/2016 9:50:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	1200	30		mg/Kg	20	8/4/2016 6:25:52 PM	26787
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/2/2016 3:26:45 PM	26722
Surr: DNOP	104	70-130		%Rec	1	8/2/2016 3:26:45 PM	26722
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/3/2016 12:03:57 AM	26718
Surr: BFB	94.8	49.4-163		%Rec	1	8/3/2016 12:03:57 AM	26718
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/3/2016 12:03:57 AM	26718
Toluene	ND	0.048		mg/Kg	1	8/3/2016 12:03:57 AM	26718
Ethylbenzene	ND	0.048		mg/Kg	1	8/3/2016 12:03:57 AM	26718
Xylenes, Total	ND	0.096		mg/Kg	1	8/3/2016 12:03:57 AM	26718
Surr: 4-Bromofluorobenzene	92.4	80-120		%Rec	1	8/3/2016 12:03:57 AM	26718

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1608006

09-Aug-16

Client: Rule Engineering LLC

Project: San Juan 30-6 487

Sample ID	MB-26787	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	26787	RunNo:	36231					
Prep Date:	8/4/2016	Analysis Date:	8/4/2016	SeqNo:	1122323	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-26787	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	26787	RunNo:	36231					
Prep Date:	8/4/2016	Analysis Date:	8/4/2016	SeqNo:	1122324	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.5	90	110			

Sample ID	MB-26787	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	26787	RunNo:	36257					
Prep Date:	8/4/2016	Analysis Date:	8/4/2016	SeqNo:	1123236	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-26787	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	26787	RunNo:	36257					
Prep Date:	8/4/2016	Analysis Date:	8/4/2016	SeqNo:	1123237	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.9	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1608006

09-Aug-16

Client: Rule Engineering LLC

Project: San Juan 30-6 487

Sample ID	LCS-26722	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	26722	RunNo:	36150					
Prep Date:	8/1/2016	Analysis Date:	8/2/2016	SeqNo:	1120062	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.4	62.6	124			
Surr: DNOP	5.0		5.000		100	70	130			

Sample ID	MB-26722	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	26722	RunNo:	36150					
Prep Date:	8/1/2016	Analysis Date:	8/2/2016	SeqNo:	1120065	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	9.1		10.00		91.2	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1608006

09-Aug-16

Client: Rule Engineering LLC

Project: San Juan 30-6 487

Sample ID	MB-26718		SampType:	MBLK		TestCode:	EPA Method 8015D: Gasoline Range			
Client ID:	PBS		Batch ID:	26718		RunNo:	36162			
Prep Date:	8/1/2016		Analysis Date:	8/2/2016		SeqNo:	1120148		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		95.9	49.4	163			

Sample ID	LCS-26718		SampType:	LCS		TestCode:	EPA Method 8015D: Gasoline Range			
Client ID:	LCSS		Batch ID:	26718		RunNo:	36162			
Prep Date:	8/1/2016		Analysis Date:	8/2/2016		SeqNo:	1120149		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	104	80	120			
Surr: BFB	1100		1000		106	49.4	163			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1608006

09-Aug-16

Client: Rule Engineering LLC

Project: San Juan 30-6 487

Sample ID	MB-26718		SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	PBS		Batch ID:	26718		RunNo:	36162			
Prep Date:	8/1/2016		Analysis Date:	8/2/2016		SeqNo:	1120176		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.90		1.000		90.2	80	120			

Sample ID	LCS-26718		SampType:	LCS		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	LCSS		Batch ID:	26718		RunNo:	36162			
Prep Date:	8/1/2016		Analysis Date:	8/2/2016		SeqNo:	1120177		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.4	75.3	123			
Toluene	0.96	0.050	1.000	0	95.7	80	124			
Ethylbenzene	1.0	0.050	1.000	0	99.9	82.8	121			
Xylenes, Total	2.9	0.10	3.000	0	97.6	83.9	122			
Surr: 4-Bromofluorobenzene	0.96		1.000		95.9	80	120			

Sample ID	1608006-001AMS		SampType:	MS		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	SC-1		Batch ID:	26718		RunNo:	36162			
Prep Date:	8/1/2016		Analysis Date:	8/2/2016		SeqNo:	1120179		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	0.9852	0	86.2	71.5	122			
Toluene	0.90	0.049	0.9852	0	91.1	71.2	123			
Ethylbenzene	0.96	0.049	0.9852	0	97.2	75.2	130			
Xylenes, Total	2.9	0.099	2.956	0	97.5	72.4	131			
Surr: 4-Bromofluorobenzene	0.97		0.9852		98.8	80	120			

Sample ID	1608006-001AMSD		SampType:	MSD		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	SC-1		Batch ID:	26718		RunNo:	36162			
Prep Date:	8/1/2016		Analysis Date:	8/2/2016		SeqNo:	1120180		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.024	0.9681	0	99.8	71.5	122	12.9	20	
Toluene	0.97	0.048	0.9681	0	100	71.2	123	7.81	20	
Ethylbenzene	1.0	0.048	0.9681	0	105	75.2	130	6.29	20	
Xylenes, Total	3.0	0.097	2.904	0	104	72.4	131	4.40	20	
Surr: 4-Bromofluorobenzene	0.95		0.9681		98.1	80	120	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
R RPD outside accepted recovery limits	RL Reporting Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified



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

Sample Log-In Check List

Client Name: RULE ENGINEERING LL

Work Order Number: 1608006

RcptNo: 1

Received by/date:

Ln1

07/30/14

Logged By: Ashley Gallegos

7/30/2016 9:50:00 AM

Ag

Completed By: Ashley Gallegos

8/1/2016 9:13:36 AM

Ag

Reviewed By:

At 08/11/16

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°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	2.2	Good	Yes			

Client: Rule Engineering, LLC

Mailing Address: 501 Airport Dr Suite

105 Farmington, NM 87401

Phone #: 505 793 9486

Email or Fax#: jvaldez@omniengineering.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other

EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Project #:

San Juan 30-6 #487

Project Manager:

Heatner Woods

Sampler: Justin Valdez

On Ice: ☒ Yes ☐ No


Sample Temperature: 2.7

[illegible]

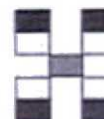
Date:	Time:	Relinquished by:
29/11/16	1528	<i>[Signature]</i>

Date:	Time:	Requisitioned by:
29/11	2106	Mr. M. Warters

Received by:	Date	Time
Christine White	7/29/16	1528

Received by:	Date	Time
	07/10/11	10:50

Remarks:



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

	X	X	X	X	BTEX + MTBE + EMB's (8021)
					BTEX + MTBE + TPH (Gas only)
	X	X	X	X	TPH 8015B (GRO / DRO / MEG)
					TPH (Method 418.1)
					EDB (Method 504.1)
					PAH's (8310 or 8270 SIMS)
					RCRA 8 Metals
	X	X	X	X	Anions (CIN₃ , NO ₂ , PO ₄ , SO ₄)
					8081 Pesticides / 8082 PCB's
					8260B (VOA)
					8270 (Semi-VOA)
					Air Bubbles (Y or N)