District 1 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., 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.

OIL CONS. DIV DIST. 3

FEB 16 2016

Form C-141 Revised August 8, 2011

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

Santa Fe, NM 87505 Release Notification and Corrective Action

	ombany r	Encana Oil &	Gas (US	A) Inc.		Contact V	Varren Scott					
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By Whom?	Tucker Sm	hith (Encana C)il & Gas)			Date and I	lour 6/21/2015		-		-	
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OIL CONS. DIV DIST. 3 FEB 1 6 2016

SPILL ASSESSMENT AND CLOSURE REPORT

LOCATION: ENCANA OIL & GAS LYBROOK 002R WELL SITE SECTION 22, TOWNSHIP 24 NORTH, RANGE 7 WEST RIO ARRIBA COUNTY, NEW MEXICO

> CONTRACTED BY: ENCANA OIL & GAS 6584 EAST MAIN STREET FARMINGTON, NEW MEXICO 87402

PROJECT NUMBER 11195-0193 JULY 2015

5796 US Highway 64, Farmington, NM 87401

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865 Ph (970) 259-0615 Fr (800) 362-1879 envirotech-inc.com info@envirotech-inc.com

ENCANA OIL & GAS SPILL ASSESSMENT AND CLOSURE REPORT Lybrook 002R Well Site Section 22, Township 24 North, Range 7 West Rio Arriba County, New Mexico

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Tables: Table 1, Summary of Analytical Results

Appendices: Appendix A, Field Notes Appendix B, Analytical Results Appendix C, Site Photography Appendix D, Bill of Ladings/C-138 Request for Approval

INTRODUCTION

Envirotech, Inc. of Farmington, New Mexico, was contracted by Encana Oil & Gas to provide spill assessment and confirmation sampling services for a release of oil from the Lybrook 002R Well Site located in Section 22, Township 24 North, Range 7 West, Rio Arriba County, New Mexico; see enclosed *Figure 1, Vicinity Map*. On June 20, 2015, approximately 36 barrels of oil were released from an overflow of a tank. The release was confined to the earthen berm secondary containment. Activities included sample collection and analysis, documentation and reporting.

ACTIVITIES PERFORMED

Envirotech, Inc. was contacted on July 8, 2015, with a request to respond to a release that occurred at the above referenced location. Upon arrival, a brief site assessment was conducted. Due to the distance to surface water being between 200 and 1000 feet from the well site, a depth to groundwater between 50 and 100 feet below ground surface (BGS), and the well site is not within a well head protection area, the regulatory standards for the site were determined to be 100 parts per million (ppm) total petroleum hydrocarbons (TPH) and 100 ppm organic vapors, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases.

First Sampling Event

On July 9, 2015, Envirotech personnel arrived at the site. Prior to Envirotech's arrival the contaminated area was excavated by Kelly Oilfield Services to the extents of approximately 20 feet by 45 feet by two (2) to three (3) feet below ground surface (BGS). Two (2) composite samples were collected from the release area. One (1) sample (*Bottom*) was collected from the bottom of the excavation and one (1) sample (*Walls*) was collected from the four (4) walls of the excavation; see enclosed *Appendix A*, *Field Notes*. The samples were screened in the field for TPH using USEPA Method 418.1 and for organic vapors using a photoionization detector (PID). Both samples returned results above the regulatory standard for TPH; see enclosed *Appendix A*, *Field Notes*. The *Bottom* sample returned a result above the regulatory standard for organic vapors. Based on the TPH results Envirotech recommends further excavation of the contaminated area and resampling.

Second Sampling Event

On July 22, 2015, Envirotech personnel returned to the above mentioned site. Upon Envirotech personnel's return Kelley Oilfield Services had excavated the contaminated area to the extents of approximately 45 feet by 90 feet by four (4) feet BGS; see enclosed *Appendix C, Site Photography*. Five (5) composite soil samples were collected: *W. Wall, N. Wall, E. Wall, S. Wall, and Bottom.* The five (5) samples were screened in the field for TPH using USEPA Method 418.1 and for organic vapors using a photoionization detector (PID). All the samples returned a result below the regulatory standard for organic vapor; see enclosed *Appendix A, Field Notes.* Two (2) of the five samples, *E. Wall* and *S. Wall,* returned a result above the

regulatory standard for TPH; see enclosed *Appendix A, Field Notes*. All five (5) samples were placed into separate four (4) ounce glass jars, capped head space free, and transported on ice under chain of custody to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015D and for benzene and total BETX using USEPA Method 8021B. All the samples returned results below the regulatory standard for benzene and total BTEX. Two (2) of the five (5) samples, *E. Wall* and *S. Wall*, returned results above the regulatory standard for TPH; see enclosed *Table 1, Summary of Analytical Results* and *Appendix B, Analytical Results*. Based on the results it is Envirotech's recommendation to further excavate the contaminated area and resample.

Third Sampling Event

Envirotech personnel returned to the site on August 14, 2015. Upon Envirotech personnel's return on August 14, 2015, Kelley Oilfield Services had excavated the contaminated area to the extents of approximately 48 feet by 90 feet by four (4) feet BGS. Two composite soil samples were collected, *E. Wall* and *S. Wall*, both samples were screen in the field for TPH using USEPA Method 418.1 and for organic vapor using a PID. Both samples returned a result below the regulatory standard for TPH and organic vapor; see enclosed *Appendix A Field Notes*. The samples were then placed into separate four (4) ounce glass jars, capped head space free, and transported on ice under chain of custody to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015D and for benzene and total BTEX using USEPA Method 8021B. Both samples returned a result below the regulatory standard for benzene and total BTEX, however one of the samples, *S. Wall*, returned a result above the regulatory standard for TPH; see enclosed *Table 1, Summary of Analytical Results* and *Appendix B, Analytical Results*. Based on the results it is Envirotech's recommendation to further excavate the contaminated area and resampling.

Fourth Sampling Event

On September 1, 2015, Tucker Smith of Encana Oil & Gas dropped off 11 soil samples and requested Envirotech screen them for TPH using USEPA Method 418.1. Envirotech screened 10 of the 11 samples: South Wall #1, South Wall #2, South Wall #3, South Wall East, South Wall #5, South Wall #6, South Wall #7, South Wall #8, South Wall #9, South Wall West; see enclosed Appendix A, Field Notes and Table 1, Summary of Analytical Results.

Fifth Sampling Event

On September 13, 2015, Tucker Smith of Encana Oil & Gas dropped off three (3) soil samples: S. Wall East, S. Wall Center, S. Wall West, and requested Envirotech screen them for TPH using USEPA Method 418.1. Envirotech screened the three (3) samples; see enclosed Appendix A, Field Notes and Table 1, Summary of Analytical Results.

Sixth Sampling Event

On November 10, 2015, Envirotech personnel returned to the site. Upon Envirotech personnel's return on November 10, 2015, Kelley Oilfield Services had excavated the contaminated area to the extents of approximately 90 feet by 90 feet by four (4) feet BGS. Envirotech personnel divided each of the four (4) walls and the bottom into two (2) sections. A total of 10 composite

soil samples were collected one from each section: North Wall E., North Wall W., West Wall N., West Wall S., South Wall W., South Wall E., East Wall S., East Wall N., N. Bottom, S. Bottom, all the samples were screened in the field for organic vapor using a PID. All 10 samples returned a result below the regulatory standard for organic vapor; see enclosed Appendix A, Field Notes. Each of the samples were placed into a separate four (4) ounce glass jar, capped head space free, and transferred on ice under chain of custody to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015D and for benzene and total BTEX using USEPA Method 8021B. All the samples returned a result below the regulatory standard for all constituents analyzed except for the West Wall S. sample; see enclosed Table 1, Summary of Analytical Results and Appendix B, Analytical Results. Based on the analytical results Envirotech recommends excavating the east wall south section and resampling.

Seventh Sampling Event

On December 14, 2015, Envirotech personnel returned to the site. Upon Envirotech personnel's return on December 14, 2015, Kelley Oilfield Services excavated the west wall south section an additional two (2) feet. One (1) composite soil sample was collected and screen in the field for TPH using USEPA Method 418.1 and for organic vapor using a PID. The sample returned a result below the regulatory standard for organic vapor, but the result for TPH was slightly above the regulatory standard; see enclosed *Appendix A*, *Field Notes*. The sample was placed into a four (4) ounce glass jar, capped head space free, and transported on ice under chain of custody to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015D and for benzene and total BTEX using USEPA Method 8021B. The sample returned a result below the regulatory standard for all constituents analyzed. Based on the results Envirotech recommends *No Further Action* in regards to this incident.

Approximately 1,496 cubic yards of oil contaminated soil was transported by Kelly's Oil Field Services to Envirotech's New Mexico Oil and Gas Division (NMOCD) permitted soil remediation facility Landfarm 2, located near Hilltop, New Mexico; see enclosed Appendix D, Bill of Ladings. Approximately 1,334 cubic yards of clean fill soil was transported by Kelly's Oil Field Services from Envirotech's landfarm to backfill and re-contour the excavated area to pre-incident conditions; see enclosed Appendix D, Bill of Ladings.

SUMMARY AND CONCLUSIONS

Spill assessment and confirmation sampling activities were performed for a release at the Lybrook 002R well site located in Section 22, Township 24 North, Range 7 West, Rio Arriba County, New Mexico. Contaminated soil was transported to Envirotech's NMOCD permitted soil remediation facility. Envirotech, Inc. recommends that *No Further Action* is required in regards to this incident.

STATEMENT OF LIMITATIONS

Envirotech, Inc. has completed spill assessment and confirmation sampling activities for a release at the Lybrook 002R well site located in Section 22, Township 24 North, Range 7 West,

Rio Arriba County, New Mexico. The work and services provided by Envirotech, Inc. were in accordance with the New Mexico Oil Conservation Division standards. All observations and conclusions provided here are based on the information and current site conditions found at the site of the incident.

The undersigned has conducted this service at the above referenced site; this work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry, and hydrogeology.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,

Reviewed by:

ENVIROTECH, INC.

12 - 10

Isaac Garcia Environmental Field Technician igarcia@envirotech-inc.com

va Cat for:

Felipe Aragon, CES Environmental Field Coordinator faragon@envirotech-inc.com

FIGURES

Figure 1, Vicinity Map

Figure 2, Site Map

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EGEND

North Wall East half of wall Sample NE North Wall West half of wall Sample NW West Wall North half of wall Sample WN West Wall South half of wall Sample WS South Wall West half of wall Sample SW South Wall East half of wall Sample SE East Wall South half of wall Sample ES East Wall North half of wall Sample EN North Bottom Sample NB SB South Bottom Sample

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TABLES

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Table 1, Summary of Analytical Results

Table 1, Summary of Analytical ResultsEncana Oil Gas USALyBrook 002RConfirmation SamplingProject Number 11195-0193

		1	USEPA		USEPA Method 8021		
Sample Description	Sample Number	Organic Vapor (ppm)	Method 418.1 TPH (mg/kg)	USEPA Method 8015 TPH (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	
New Mexico Oil Conservation	1000	Section 1		H MALESAN			
Division standards	NA	100	100	100	10	50	
Bottom	1	201.1	3,928	NS	NS	NS	
Walls	2	69.6	39,996	NS	NS	NS	
W, Wall	1	4.7	20	53	NS	NS	
N. Wall	2	2.4	4	ND	NS	NS	
E. Wall	3	3.6	204	238	NS	NS	
S. Wall	4	3.9	108	124	NS	NS	
Bottom	5	2.2	8	ND	NS	NS	
E. Wall	1	0.5	12	ND	ND	ND	
S. Wall	2	1.5	76	224	ND	ND	
South Wall #1	1	NS	496	NS	NS	NS	
South Wall #2	2	NS	336	NS	NS	NS	
South Wall #3	3	NS	40	NS	NS	NS	
South Wall East	4	NS	0	NS	NS	NS	
South Wall #5	5	NS	24	NS	NS	NS	
South Wall #6	6	NS	84	NS	NS	NS	
South Wall #7	7	NS	1,672	NS	NS	NS	
South Wall #8	8	NS	608	NS	NS	NS	
South Wall #9	9	NS	96	NS	NS	NS	
South Wall West	10	NS	800	NS	NS	NS	
S.Wall East	1	NS	168	NS	NS	NS	
S.Wall Center	2	NS	80	NS	NS	NS	
S. Wall West	3	NS	644	NS	NS	NS	
North Wall E.	1	0	NS	ND	ND	ND	
North Wall W.	2	0	NS	ND	ND	ND	
West Wall N.	3	0	NS	ND	ND	ND	
West Wall S.	4	0	NS	233	ND	ND	
South Wall W.	5	0	NS	ND	ND	ND	
South Wall E.	6	0	NS	ND	ND	ND	
East Wall S.	7	0	NS	ND	ND	ND	
East Wall N.	8	0	NS	ND	ND	ND	
N. Bottom	9	0	NS	ND	ND	ND	
S. Bottom	10	0	NS	81.1	ND	ND	
West Wall S.	1	0	140	ND	ND	ND	

APPENDIX A

Field Notes

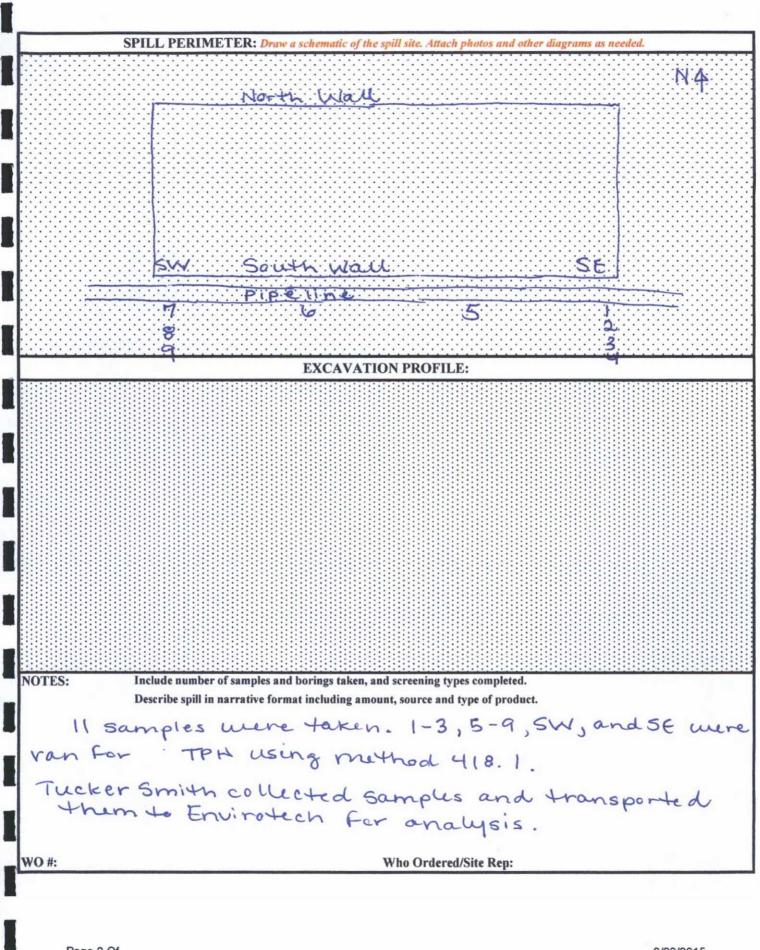
Client: Chica Environmental Specia		1	P	3er	NVIC	(800) 362-1	ch	Project No.	5-0193
a.t	low			5796	U.S. Hwy 64, Fa	rmington, NM	87401		
		Field	Report	: Spill	Closure	Verifica	tion		
Start Date:	7/9/	15	NMOCD	Ranking:	20		WH Protect	tion Area:	no
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QUAD/UNIT:		SEC:			<u>24n</u>		TW	PM:	
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		Rio Arril			State: NW	γ			
Cause of Release: Amt. Released: Amt. Released:									
QUAD/UNIT:		SEC:	22	TWP:	ZYN	RNG	7W	PM:	
Wellhead Lat/Long:	Wellhead Lat/Long: Land Jurisdiction: QTR Footage:								
Spill Located Approx	Spill Located Approximately: FT. FROM								
Excavation Approx:	45	FT. X	90	FT. X	4	FT.	Cubic Yard	age:	
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Wi Wall		12:041			5	20	4	5	23
N, Wall		12:07			5	05	4	1	4
E. Wall S. Wall		12:10			5	20	4	52	204
S. Well		12:13			5	20	4	87	108
Botton		12:15			5	20	4	Z	б
		OVM R	esults				Lab Testi	ng	
Sample ID	Field Head	space PID (ppm)	Sample ID	Field Head	space PID (ppm)	Sample ID		Analysis Type	Time
		7							
W. Wall N. Wall	2.	4							
E. Wall	3.								
g. Wall	3.	7							
Bottom	2.1	2				•			
					1		Contract of the local data		

	CLIENT: CLIENT/JOB #: START DATE: FINISH DATE: Page #	Encan 11195 3110 8114 1	-0193 1115 115	(5)	05) 632- <mark>0</mark> 61	rotec 5 (800) 362- , Farmington, N	1879	Envmtl. Sp C.O.C. No: LAT LONG		
			Fie	ld Report	: Spill C	Closure Ve	erificatio	n		
	NMOCD Ranking:		20		Depth to	GW:	50-100	WH Protec	ction Area:	No Yes
	NMOCD TPH Clos	ure Std.:	100		Distance t	o SW:	309			
	LOCATION:	Name: 2	y Blook a	002 R		Well #:			API:	
			Rio Arril			State: NH	~			
	Cause of Release:	Sp	<i>i</i>](Material R	eleased:			Amt. Release	ed:
	QUAD/UNIT:		SEC:	22	TWP:	ZYN	RNG	: 7W	PM:	
	Wellhead Lat/Long:			Land J	urisdiction:			QTR Foota	ge:	
	Spill Located Approx	ximately:		FT.		FROM				
	Excavation Approx:	48	FT. X	90	FT. X	4	FT.	Cubic Yard	age:	
	Disposal Facility:					Remediaton	Method:	Excau	ation	
	Land Use:			NO.	Lease:			Land Owne	er:	
	SAMPLE DESCRI	DITION	TIME	F SAMPLE I.D.		WEIGHT (g)		DULITION	READING	CALC. ppm
	200 stal	PITION	13:03			weithin (g)	IIIL FREOR		ZO8	CALC. ppin
	E. Wall		13:19	Jian		5	20	4	3	12
	5. Wall		13:21			5	20	4	19	76
	2. 0-411		13.61		en e					10
							1			-
						1	1	1	1	
					11					
							1	1		
						1	1	1		
							1	1		
			OVM R	esults		1		Lab Testi	ng	
	Sample ID	Field Head	space PID (ppm)	Sample ID	Field Head	space PID (ppm)	Sample ID		Analysis Type	Time
		5. W.	e//	1.5						
		12. W	en (0.5						
_	and the second s		OTHER DESIGNATION OF THE OWNER.	Contract on the other states			1			

CLIENT: Encana CLIENT/JOB #: 11(95-0193) START DATE: 9-1-15 FINISH DATE: Page # 1 of 2	(505) 632-0615 (800) 362- 5796 U.S. Hwy 64, Farmington, N	C.(1879 LA M87401 LO	vmtl. Spelst: だ. D.C. No: .T 36. DNG -10	n/A
Fie	ld Report: Spill Closure Ve	erification	a the second of	
NMOCD Ranking:	Depth to GW:	WI	H Protection Area:	No Yes
NMOCD TPH Closure Std.:	Distance to SW:	0.10	A DL	
LOCATION: Name: Lybroo			API:	
County: Rio AI		m	Amt. Releas	ad
Cause of Release:	Material Released:			
36.29586135	22 TWP: 24N	RNG:	PM:	
Wellhead Lat/Long: -107.556646	Land Jurisdiction:	QT	R Footage:	
Spill Located Approximately:				
Excavation Approx:FT. X	FT. X	FT. Cu	bic Yardage:	
Disposal Facility:	Remediaton			
Land Use:	Lease:		nd Owner:	
SAMPLE DESCRIPITION TIME	FIELD 418.1 ANLAYS SAMPLE I.D. WEIGHT (g)		LUTION READING	CALC. ppm
Sown wall	South Wall F	20	4 124	496
south nall	South viall		1 84	336
	South Mall		10	40
#3 Sowth Wall	#3 South Wall		0	0
50 wth vale	East Bouth Wall		6	24
#5 South Wall	# 5 South Wall		21	84
50 why wall	South Mall		418	1672
Southhall	South Wall		152	
#8 South Wall	South yalan		24	608
South Mall 1	Bouthmall		1 200	800
West	West		200	000
OVM R	sults	La	b Testing	
	Sample ID Field Headspace PID (ppm)	1	T	Time
Sample ID Field Headspace PID (ppm)	Saubie ID	Sample ID	Analysis Typ	e Time
/		,		

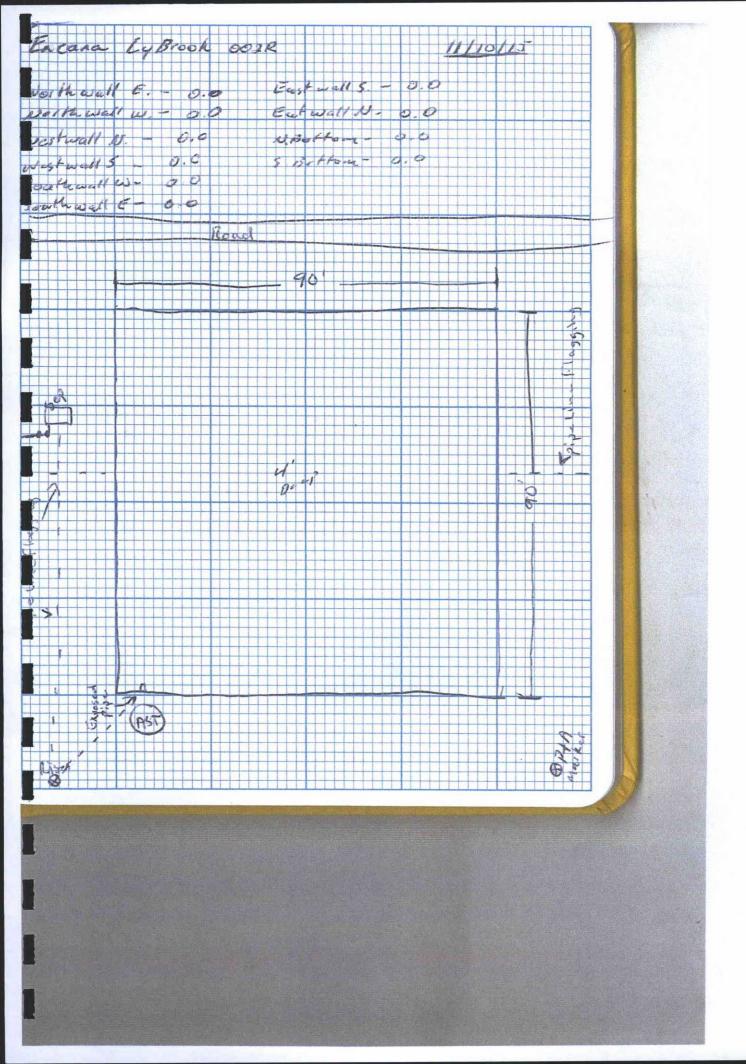
_

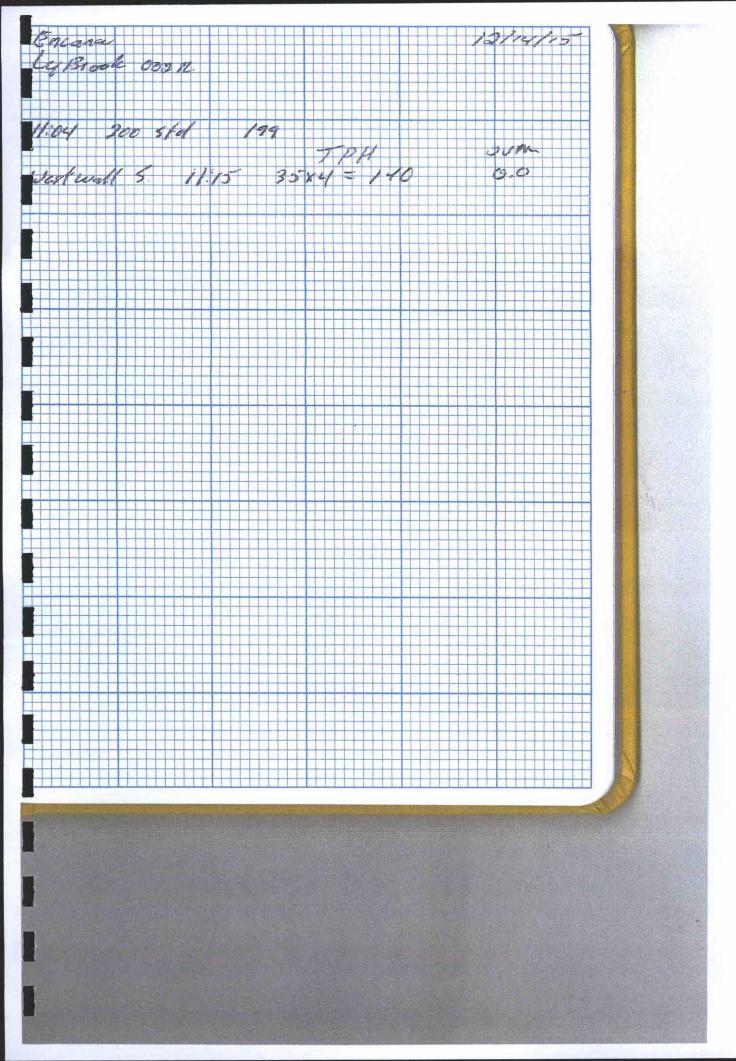


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3/23/2015

-								D 1	
Client:				-	vire	+-	ah	Project No:	
Kneena	1. st.			ser	nvira	Jle	CI	/11/95- COC No:	0195
Environmental Specia	uist:			(1 5796	505) 632-0615 i U.S. Hwy 64, Fa	(800) 362-1 armington, NM		COC No:	
		Field	Report	: Spill	Closure	Verifica	tion		
Start Date:	9-13-	15	NMOCD	Ranking:			WH Protecti	on Area:	
Finish Date:			NMOCD TPH	d Closure St	d: 160		Distance to	SW:	4
Page #:		of		PPM:			Depth to GV	V:	
	Name:	-ybrook			Well #: 002	en		API#	
	County:				State:				
Cause of Release:				Material Re	eleased:			Amt. Releas	ed:
QUAD/UNIT:		SEC:		TWP:		RNG:		PM:	
Wellhead Lat/Long:				Land Jurisc	liction:				
SOIL SAMPLING a						2.5			
Turker -	Ser. 7	the Ja	card of	11 Sam	plo al	Sprie			
			0.00	¢ ⁷					
Ē.									
opill Located Approx	imately:		FT.		FROM				
Excavation Approx:		FT. X		FT. X		FT.	Cubic Yarda	ige:	
bisposal Facility:				_	Remediaton M	Aethod:			
Land Use:				Lease:			Land Owner	:	
SAMPLE DESCRIP	ITION	TIME	SAMPLE I.D.		WEIGHT (g)				CALC. ppm
S.Wall-Ea	St.	10:11			5	20	4	42	168
5. Mall-Cer	nter	10:26	2		5	20	4	20	80
5. Wall-u	Jest	10:37	3		5	20	4	161	644
Standar	d	10:01						209	
			-			_			
OVM	Results				Lab Testing				
ample ID		d Headspace P	ID (ppm)	Sample ID	0	To Lab Y/N		Analysis Ty	pe Time
•									
	-						1		







ANALYTICAL REPORT

August 04, 2015



EnviroTech- NM

Sample Delivery Group: Samples Received: Project Number: Description:

Report To:

L780179 08/01/2015 11195-0193 Lybrook 002R

Felipe Aragon and Greg Crabtree 5796 US. Highway 64 Farmington, NM 87401

Entire Report Reviewed By: Naphne R Richards

Daphne Richards Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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*

Ss

Cn

Sr

Qc

GI

AI

⁹Sc

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P

SDG: L780179 DATE/TIME: 08/04/15 14:04

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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

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W. WALL L780179-01 Solid			Collected by Isaac Garcia	Collected date/time 07/22/15 10:58	Received date/time 08/01/15 09:00
Aethod	Batch	Dilution	Preparation	Analysis	Analysis Analyst
			date/time	datertime	
Semi-Volatile Organic Compounds (GC) by Method 3546/DRO	WG806321	5	08/03/15 19:13	08/04/15 10:50	CLG
otal Solids by Method 2540 G-2011	WG806614	1	08/03/15 10:34	08/04/15 08:50	MEL
/olatile Organic Compounds (GC) by Method 8015D/GRO	WG806511	5	08/02/15 10:13	08/04/15 11:28	KLO
N. WALL L780179-02 Solid			Collected by Isaac Garcia	Collected date/time 07/22/15 11:05	Received date/time 08/01/15 09:00
Aethod	Batch	Dilution	Preparation	Analysis	Analysis Analyst
			date/time	date/time	
emi-Volatile Organic Compounds (GC) by Method 3546/DRO	WG806321	1	08/03/15 19:13	08/04/15 10:16	CLG
otal Solids by Method 2540 G-2011	WG806614	1	08/03/15 10:34	08/04/15 08:51	MEL
/olatile Organic Compounds (GC) by Method 8015D/GRO	WG806511	5	08/02/15 10:13	08/04/15 13:20	KLO
E. WALL L780179-03 Solid			Collected by Isaac Garcia	Collected date/time 07/22/15 11:14	Received date/time 08/01/15 09:00
Aethod	Batch	Dilution	Preparation	Analysis	Analysis Analyst
	Durch	e nanon	date/time	date/time	, marjulo , marju
emi-Volatile Organic Compounds (GC) by Method 3546/DRO	WG806321	5	08/03/15 19:13	08/04/15 10:39	CLG
otal Solids by Method 2540 G-2011	WG806614	1	08/03/15 10:34	08/04/15 08:51	MEL
/olatile Organic Compounds (GC) by Method 8015D/GRO	WG806511	5	08/02/15 10:13	08/04/15 12:13	KLO
5. WALL L780179-04 Solid			Collected by Isaac Garcia	Collected date/time 07/22/15 11:21	Received date/time 08/01/15 09:00
Nethod	Batch	Dilution	Preparation	Analysis	Analysis Analyst
			date/time	date/time	
Semi-Volatile Organic Compounds (GC) by Method 3546/DRO	WG806321	10	08/03/15 19:13	08/04/15 11:01	CLG
otal Solids by Method 2540 G-2011	WG806614	1	08/03/15 10:34	08/04/15 08:51	MEL
/olatile Organic Compounds (GC) by Method 8015D/GRO	WG806511	5	08/02/15 10:13	08/04/1512:35	KLO
			Collected by	Collected date/time	Received date/time
BOTTOM COMPOSITE L780179-05 Solid			Isaac Garcia	07/22/15 11:24	08/01/15 09:00
Method	Batch	Dilution	Preparation	Analysis	Analysis Analyst
		In a construction of the	date/time	date/time	
Semi-Volatile Organic Compounds (GC) by Method 3546/DRO	WG806321	5	08/03/15 19:13	08/04/15 10:27	CLG
fotal Solids by Method 2540 G-2011	WG806614	1	08/03/15 10:34	08/04/15 08:51	MEL
Iolatile Organic Compounds (GC) by Method 8015D/GRO	WG806511	5	08/02/15 10:13	08/04/15 12:58	KLO

 \sim

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

laplime R Richards

Daphne Richards Technical Service Representative

ACCOUNT: EnviroTech- NM PROJECT: 11195-0193

SDG: L780179 DATE/TIME: 08/04/15 14:04

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SAMPLE RESULTS - 01

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Collected date/time: 07/22/15 10:58

Total Solids by Method 2540 G-2011

And and a second s					
	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	90.7		1	08/04/2015 08:50	WG806614

Volatile Organic Compounds (GC) by Method 8015D/GRO

the second	A REAL PROPERTY AND ADDRESS OF TAXABLE PARTY.	and the second se		and the second se			
	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
TPH (GC/FID) Low Fraction	ND		0.551	5	08/04/2015 11:28	WG806511	
(S) a,a,a-Trifluorotaluene(FID)	92.0		59.0-128		08/04/2015 11:28	WG806511	

L.	the second s							_
		Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch	
	Analyte	mg/kg		mg/kg		date / time		
	TPH (GC/FID) High Fraction	52.9	a de recitar a de da cara	22.0	5	08/04/2015 10:50	WG806321	
1	(S) o-Terphenyl	87.7		50.0-150		08/04/2015 10:50	WG806321	

N.	WALL	

SAMPLE RESULTS - 02

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Collected date/time: 07/22/15 11:05

Result Qualifier Dilution Analysis Batch Analyte % Dilution Analysis Batch Total Solids 77.8 1 08/04/2015 08:51 WG806614

Volatile Organic Compounds (GC) by Method 8015D/GRO

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		rng/kg		date / time	_
TPH (GC/FID) Low Fraction	ND		0.643	5	08/04/2015 13:20	WG806511
(S) a,a,a-Trifluoratoluene(FID)	90.7		59.0-128		08/04/2015 13:20	WG806511

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
TPH (GC/FID) High Fraction	ND		5.14	1	08/04/2015 10:16	WG806321	an a
(S) o-Terphenyl	88.0		50.0-150		08/04/2015 10:16	WG806321	

SAMPLE RESULTS - 03

ONE LAB. NATIONWIDE.

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Collected date/time: 07/22/15 11:14

Total Solids by Method 2540 G-2011

-						150	
	Result	Qualifier	Dilution	Analysis	Batch	1 CP	
Analyte	96			date / time		12	-
Total Solids	83.9		1	08/04/2015 08:51	WG806614	Tc	

Volatile Organic Compounds (GC) by Method 8015D/GRO

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
TPH (GC/FID) Low Fraction	ND		0.596	5	08/04/2015 12:13	WG806511	
(S) a,a,a-Trifluorataluene(FID)	91.9		59.0-128		08/04/2015 12:13	WG806511	

1		Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch	
	Analyte	mg/kg		mg/kg		date / time		
	TPH (GC/FID) High Fraction	238		23.8	5	08/04/2015 10:39	WG806321	
1	(S) o-Terphenyl	60.8		50.0-150		08/04/2015 10:39	WG806321	

SAMPLE RESULTS - 04

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	0	Cp
Analyte	26			date / time		12	
Total Solids	89.0		1	08/04/2015 08:51	WG806614	T	TC

Volatile Organic Compounds (GC) by Method 8015D/GRO

ľ		Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch	
	Analyte	mg/kg		mg/kg		date / time		
	TPH (GC/FID) Low Fraction	ND		0.562	5	08/04/2015 12:35	WG806511	
1	(S) a,a,a-Trifluorotaluene(FID)	92.8		59.0-128		08/04/2015 12:35	WG806511	

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
TPH (GC/FID) High Fraction	124		44.9	10	08/04/2015 11:01	WG806321	
(S) o-Terphenyl	50.3		50.0-150		08/04/2015 11:01	WG806321	

SAMPLE RESULTS - 05

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Total Solids by Method 2540 G-2011

And the second se	the second se					1 1
	Result	Qualifier	Dilution	Analysis	Batch	1
Analyte	%			date / fime	-	-
Total Solids	91.1		1	08/04/2015 08:51	WG806614	T

Volatile Organic Compounds (GC) by Method 8015D/GRO

1	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
TPH (GC/FID) Low Fraction	ND		0.549	5	08/04/2015 12:58	WG806511
(S) a,a,o-Trifluorotoluene(FID)	90.9		59.0-128		08/04/2015 12:58	WG806511

Semi-Volatile Organic Compounds (GC) by Method 3546/DRO

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
TPH (GC/FID) High Fraction	ND		22.0	5	08/04/2015 10:27	WG806321
(S) o-Terphenyl	73.4		50.0-150		08/04/2015 10:27	WG806321

Sample Narrative:

3546/DRO L780179-05 WG806321: Cannot run at lower dilution due to viscosity of extract

WG806614 Total Solids by Method	2540 G-2011			QUALITY		NTROL SUMMARY	ONE LAB. NATIONWIDE.	*
Method Blank (MB)								
(MB) 08/04/15 08:49								Cp
	MB Result	MB Qualifier	MB RDL					2
Analyte	%		%					Tc
Total Solids	0.000300							
								Ss
L780179-01 Original	Sample (OS)	Duplicato						
		Duplicate	(DOF)					⁴ Cn
(OS) 08/04/15 08:50 • (DUP	Original Result	DUR Pocult	Dilution	DUP RPD DUP Q	ualifier	DUP RPD Limits		
Analyte	e e e e e e e e e e e e e e e e e e e	%	Dilution	%	uanner	%		5 Sr
Total Solids	90.7	89.8	1	1.01		5		51
								"Qc
Laboratory Control	Sample (LCS)							7
(LCS) 08/04/15 08:49								GI
	Spike Amount	LCS Result	LCS Rec.	Rec Limits	LCS Qu	alifier		
Analyte	%	%	%	X				⁸ AI
Total Solids	50.0	50.0	100	85.0-115				
								900
								Sc

ACCOUNT: EnviroTech- NM

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PROJECT: 11195-0193

SDG: 1780179

DATE/TIME: 08/04/15 14:04

PAGE: 10 of 15

QUALITY CONTROL SUMMARY WG806511 ONE LAB. NATIONWIDE. Volatile Organic Compounds (GC) by Method 8015D/GRO ...

Method Blank (MB) (MB) 08/04/15 09:47				Cp
Analyte	MB Result mg/kg	MB Qualifier	MB RDL mg/kg	Tc
TPH (GC/FID) Low Fraction	ND		0.100	
(S) a.a.a-Trifluorotoluene(FID)	92.4		59.0-128	³ Ss
Laboratory Control Sa	mple (LCS) •	Laboratory	Control Sample Duplicate (LCSD)	⁴Cn

Laboratory Control Sample (LCS) · Laboratory Control Sample Duplicate (LCSD)

F

ACCOUNT:

EnviroTech- NM

(LCS) 08/04/15 08:41 • (LCSD) 0	8/04/15 09:03 Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%		Loso quanter	%	%
TPH (GC/FID) Low Fraction	5.50	6.29	6.38	114	116	63.5-137			139	20
(S) a,a,a-Trifluarotoluene(FID)				101	10.2	59.0-128				



SDG L780179

DATE/TIME: 08/04/15 14:04 PAGE: 11 of 15 30

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WG806321

Semi-Volatile Organic Compounds (GC) by Method 3546/DRO

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

34

Tc

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Method Blank (MB)

1

(MB) 08/04/15 09:42				
	MB Result	MB Qualifier	MB RDL	
 Analyte	mg/kg		mg/kg	
TPH (GC/FID) High Fraction	ND		4.00	
(S) o-Terphenyl	95.2		50.0-150	

Laboratory Control Sample (LCS) - Laboratory Control Sample Duplicate (LCSD)

(LCS) 08/04/15 09:54 · (LCSD) 08	/04/15 10:05										
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits	
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%	
TPH (GC/FID) High Fraction	60.0	52.2	501	87.0	83.6	50.0-150			4.04	20	
(S) a-Terphenyl				93.3	95.8	50.0-150					

ACCOUNT: EnviroTech- NM

PROJECT: 11195-0193 SDG: 1780179 DATE/TIME: 08/04/15 14:04 PAGE: 12 of 15

GLOSSARY OF TERMS

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TC

Ss

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SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL.	Reported Detection Limit.
ND,U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.
SDL	Sample Detection Limit.
MQL	Method Quantitation Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.
Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE**.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina 1	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
lowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky 1	90010	South Dakota	n/a
Kentucky ²	16	Tennessee 14	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-0S-15-05		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ¹⁰ Accreditation not applicable

Third Party & Federal Accreditations

A2LA - ISO 17025	1461.01	AIHA	100789	
Canada	1461.01	DOD	1461.01	
EPA-Crypto	TN00003	USDA	S-67674	

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. ESC Lab Sciences performs all testing at our central laboratory.



				Contraction of the
ACCOUNT:	PROJECT:	SDG:	DATE/TIME:	PAGE:
EnviroTech- NM	11195-0193	L780179	08/04/15 14:04	14 of 15

Company Name/Address:							-	Analysis / Container / Preservative									Chilin of Custody	Page 1 of 1	
5796 US Hwy 64 Farmington, NM 87401			ints Payable IS Hwy 64 Ington, NM 87401 n@envirotech-inc.com														esc		
																12065 Lebanow Rd Morent Juliet, 19 87 Phone: 635-758-580	12/20/15		
Project Description: Lybrook 002R			City/State Collected: Lybrook, NM													Phone: 800-767-585 Fax: 615-758-5859			
Phone: (505) 632-0615	Client Project # 11195-0193 Site/Facility ID #		Lab Project # P.O. #											1	H003				
Collected by (print): Isaac Garcia					15									Acotours					
Collected by (signature):	Rush? (Lab MUST Be Notified)			Date Results Needed			by 801				- Guld			0		1.648	Template: Prelogic	A MARKET	
mmediately Packed on Ice N Y			Email?NoYes FAX?NoYes		No.	GRO/DRO b								a de la compañía de		T58 PBr			
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cotrs	GRC				14214						Shipped Via:	Sample # (lab only)	
W. Wall	Grab	SS		7/22/15	10:58	1	X	2	ANT C						64.		1	+01	
N. Wall	Grab	SS		7/22/15	11:05	1	X						and the		-			-02	
E. Wall	Grab	SS		7/22/15	11:14	1	×		1		Deale			1				93	
S. Wall	Grab	SS		7/22/15	11:21	1	X		R.		1		ALC: NO	- 10	6/4		10.03	-04	
Bottom Composite	Comp	SS		7/22/15	11:24	1	X		14		18		See.		1	1		- 05	
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* Matrix: SS - Soil GW - Groundwate Remarks:	r WW - WasteW	Vater DW - D	rinking Wat	er OT-Other									р r		6	24.1	3739	1416	
Relinguished by : (Signature) Date:			Time: Received by: (Signature)						Samples returned via: UPS				Condition: Debuse unit						
Adjust Mar 7-31 Relinguished W: (Senature) Date:			19:00	Received by: (Signature)															
		Date:	Time:					/	Temp: *C Botties Received:										
Relinquished by : Significant Date:		Date:		Time: Receipted for utility (Sfrance)					8/1/15 0900							pH Chilcked: NCF:			
									0										

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Analytical Report

Report Summary

Client: Encana Oil & Gas USA Chain Of Custody Number: Samples Received: 8/14/2015 3:45:00PM Job Number: 11195-0193 Work Order: P508046 Project Name/Location: Lybrook 002R

Date: 8/18/15

Entire Report Reviewed By:

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

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Page 1 of 9



	Encana Oil & Gas USA	Project Name:	Lybrook 002R	
1	370 17th Street	Project Number:	11195-0193	Reported:
	Denver CO, 80202	Project Manager:	Isaac Garcia	18-Aug-15 08:34

Analyical Report for Samples

Ì	Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
L	E. Wall	P508046-01A	Soil	08/14/15	08/14/15	Glass Jar, 4 oz.
	S. Wall	P508046-02A	Soil	08/14/15	08/14/15	Glass Jar, 4 oz.

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Page 2 of 9

370 17th Street Denver CO, 80202	Proje	ct Name: ct Number: ct Manager:	1119	ook 002R 5-0193 : Garcia				Reported: 18-Aug-15 08	
		93 2010 - 10 - 10 - 10 - 10 - 10 - 10 - 10	E. Wall 46-01 (Se	olid)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1534001	08/17/15	08/17/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1534001	08/17/15	08/17/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1534001	08/17/15	08/17/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1534001	08/17/15	08/17/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1534001	08/17/15	08/17/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1534001	08/17/15	08/17/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1534001	08/17/15	08/17/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	50	-150	1534001	08/17/15	08/17/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	19.9	mg/kg	1	1534001	08/17/15	08/17/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1534002	08/17/15	08/17/15	EPA 8015D	
Surrogate: o-Terphenyl		87.0 %	50	-200	1534002	08/17/15	08/17/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		99.8 %	50	-150	1534001	08 17 15	08/17/15	EPA 8015D	

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Page 3 of 9

Encana Oil & Gas USA 370 17th Street Denver CO, 80202	Proje	Project Number: 1			Lybrook 002R 11195-0193 Isaac Garcia				
			S. Wall 46-02 (Sc	olid)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1534001	08/17/15	08/17/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1534001	08/17/15	08/17/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1534001	08/17/15	08/17/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1534001	08/17/15	08/17/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1534001	08/17/15	08/17/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1534001	08/17/15	08/17/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1534001	08/17/15	08/17/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	50	-150	1534001	08/17/15	08/17/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1534001	08/17/15	08/17/15	EPA 8015D	
Diesel Range Organics (C10-C28)	224	25.0	mg/kg	1	1534002	08/17/15	08/17/15	EPA 8015D	
Surrogate: o-Terphenyl		91.6 %	50	-200	1534002	08/17/15	08 17/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		99.9 %	50	-150	1534001	08/17/15	08/17/15	EPA 8015D	

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Encana Oil & Gas USA	Project Name:	Lybrook 002R	
370 17th Street	Project Number:	11195-0193	Reported:
Denver CO, 80202	Project Manager:	Isaac Garcia	18-Aug-15 08:34

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1534001 - Purge and Trap EPA 5030A		_								
Blank (1534001-BLK1)				Prepared &	Analyzed:	17-Aug-15				
Benzene	ND	0.10	mg/kg							
Foluene	ND	0.10								
Ethylbenzene	ND	0.10								
o,m-Xylene	ND	0.20								
p-Xylene	ND	0.10								
Total Xylenes	ND	0.10								
Total BTEX	ND	0.10	*							
Surrogate: 4-Bromochlorobenzene-PID	160		ug L	160		100	50-150			
LCS (1534001-BS1)				Prepared &	Analyzed:	17-Aug-15				
Benzene	21.8	0.10	mg/kg	20.3		107	75-125			
Foluene	21.9	0.10		20.3		108	70-125			
Ethylbenzene	22.1	0.10		20.3		109	75-125			
o,m-Xylene	45.1	0.20		40.6		111	80-125			
p-Xylene	21.9	0.10		20.3		108	75-125			
Surrogate: 4-Bromochlorobenzene-PID	163		ug L	160		102	50-150			
Matrix Spike (1534001-MS1)	Sou	rce: P508046-	01	Prepared &	Analyzed:	17-Aug-15				
Benzene	19.9	0.10	mg/kg	19.9	ND	100	75-125			
Tohuene	20.0	0.10		19.9	ND	100	70-125			
Ethylbenzene	20.1	0.10		19.9	ND	101	75-125			
p,m-Xylene	41.1	0.20		39.8	ND	103	80-125			
o-Xylene	20.0	0.10	-	19.9	ND	100	75-125			
Surrogate: 4-Bromochlorobenzene-PID	161		ugL	160		100	50-150			
Matrix Spike Dup (1534001-MSD1)	Sou	rce: P508046-	01	Prepared &	Analyzed:	17-Aug-15				
Benzene	21.0	0.10	mg/kg	19.8	ND	106	75-125	5.12	15	
foluene	21.0	0.10		19.8	ND	106	70-125	4.93	15	
Ethylbenzene	21.1	0.10		19.8	ND	106	75-125	5.03	15	
o,m-Xylene	43.2	0.20		39.7	ND	109	80-125	4.94	15	
Xylene	21.0	0.10		19.8	ND	106	75-125	5.02	15	
hurrogate: 4-Bromochlorobenzene-PID	161		ug L	160		101	50-150			ST-STEP -

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Encana Oil & Gas USA	Project Name:	Lybrook 002R	
370 17th Street	Project Number:	11195-0193	Reported:
Denver CO, 80202	Project Manager:	Isaac Garcia	18-Aug-15 08:34

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1534001 - Purge and Trap EPA 5030	A									
Blank (1534001-BLK1)				Prepared &	Analyzed:	17-Aug-15				
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.160		mgL	0.160		99.9	50-150			
LCS (1534001-BS1)				Prepared &	Analyzed:	17-Aug-15				
Gasoline Range Organics (C6-C10)	426	20.3	mg/kg	399		107	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.162		mg L	0.160		101	50-150			
Matrix Spike (1534001-MS1)	Sou	rce: P508046-	01	Prepared &	Analyzed:	17-Aug-15				
Gasoline Range Organics (C6-C10)	389	19.9	mg/kg	391	ND	99.5	75-125			
Surrogate: 4-Bromochlorobenzene-F1D	0.161		mgL	0.160		101	50-150			
Matrix Spike Dup (1534001-MSD1)	Sou	rce: P508046-	01	Prepared &	Analyzed:	17-Aug-15				
Gasoline Range Organics (C6-C10)	407	19.8	mg/kg	389	ND	105	75-125	4.62	15	
Surrogate: 4-Bromochlorobenzene-FID	0.161	_	mgL	0.160		101	50-150			

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Encana Oil & Gas USA	Project Name:	Lybrook 002R	
370 17th Street	Project Number:	11195-0193	Reported:
Denver CO, 80202	Project Manager:	Isaac Garcia	18-Aug-15 08:34

Nonhalogenated Organics by 8015 - Quality Control

	En	virotech A	Analyti	cal Labor	atory					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1534002 - DRO Extraction EPA 3	550M									
Blank (1534002-BLK1)				Prepared &	Analyzed:	17-Aug-15				
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: o-Terphenyl	42.9		"	40.0		107	50-200			
LCS (1534002-BS1)				Prepared &	Analyzed:	17-Aug-15				
Diesel Range Organics (C10-C28)	575	24.9	mg/kg	499		115	38-132			
Surrogate: o-Terphenyl	44.0		**	39.9		110	50-200			
Matrix Spike (1534002-MS1)	Sour	ce: P508046-	01	Prepared &	Analyzed:	17-Aug-15				
Diesel Range Organics (C10-C28)	473	25.1	mg/kg	503	ND	94.0	38-132			
Surrogate: o-Terphenyl	37.3		**	40.2		92.8	50-200			
Matrix Spike Dup (1534002-MSD1)	Sour	ce: P508046-	01	Prepared &	Analyzed:	17-Aug-15				
Diesel Range Organics (C10-C28)	489	25.0	mg/kg	499	ND	97.9	38-132	3.44	20	
Surrogate: o-Terphenyl	36.5		"	40.0		91.4	50-200			

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Encana Oil & Gas USA	Project Name:	Lybrook 002R	
370 17th Street	Project Number:	11195-0193	Reported:
Denver CO, 80202	Project Manager.	Isaac Garcia	18-Aug-15 08:34

Notes and Definitions

DET	Analyte DETECTED	
ND	Analyte NOT DETECTED at or above the reporting limit	
NR	Not Reported	
dry	Sample results reported on a dry weight basis	

RPD Relative Percent Difference

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Page 8 of 9

		transmiss /	Contraction of the second	Use Only	115		/ Sile	19313 011	d Metho	u	100	Only
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		3d	P208	044	2						-	v (s)
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				-0193	p &	021	8.1	y 30			NN	ont/
		Pag		1	- S	by 8	y 41	deb			Lat	ct C
Sample Date	Sample Time	Matrix			GRO/I	BTEX	TPH b	Chlori				Correct Cont/Prsrv (s) Y/N
8/14/15	12:39	5	1-402/6	1000)	X	X					l	L
8/14/15	12:50	5	1-402/6	1 (00)	X	X					2	
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5 2	all	2	Date 8/14/15	Time 1545 **	Recei	ived	on lo	eY/M	1			
Receive	d by: (Signa	ture)	Date	Time T:	/2. /G Te	mp°	c_12	3	-/		ТЗ	
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day they are sampled	Contractor of the local division of the loca			the second se	C on su	bsequ	ent da	y5.				
	Chain of	fCustody	Notes/Billing	info:								
COMPANY AND A DESCRIPTION OF A DESCRIPTI		A local and have an include to	Test	Ph (505) 632	0615 Fx	(505) 632	1-1865				en cardad	
	8/14/15 8/14/15 8/14/15 8/14/15 8/14/15 8/14/15 8/14/15 8/14/15 8/14/15 8/14/15 8/14/15 8/14/15 8/14/15	Sample Date Time Sample Date Transformed Signal Sample Date Sampl		3d P 50 % Job Job Job Job Page / of Sample Date Sample Time Matrix QTY - Vol/TYI \$ 8 /14/15 12:39 \$ 8 /14/15 12:50 \$ 1 /14/15 12:50	Image: Sample Date Sample Date Sample Matrix PS0 & 0.44 Image: Page I of _ Image: Sample Date Sample Matrix Containers Sample Date Sample Date Containers Sample Date Sample Date Sample Date Sample Date Sample Date Intra Sample Date Sample Date Sample Date Sample Date Sample Date Intra Sample Date Intra Intra Sample Date Intra Intra Sample Date Intra Intra Meterived by: Signature) Date Intra Meterived by: Signature) Date Intra Intra Meterived packed in ket at an arg temp above 0 but less than the chain of Custody Notes/Billing info: Container Sampled or received packed in ket at	3d P \$0 8 0 4 1/4 Job Number 10b Number 111 95 - 01 93 Page Page 10f 111 95 - 01 93 Page 111 95 - 01 93	3d P 50 80 44 store Job Number 111 95 - 01 93 100 Number 111 95 - 01 93 Page 1 of 1 Page 1 of 1 100 Number 111 95 - 01 93 Sample Date Sample Matrix QTY - Vol/TYPE/Preservative X \$1/4/15 12:37 5 1-402/6/cool X X \$1/4/15 12:37 5 1-402/col X X \$1/4/15 12:57 5 1-402/col X X \$1/4/15 12:57 5 1-402/col X X \$1/4/15 12:57 <td>3d P508044 standard sta</td> <td>3d P \$ 0 80 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44</td> <td>3d P S 0 8 0 44 starting of the start of the sta</td> <td>Image: State of the state</td> <td>3d P 50 80 44 000 RA Job Number 111 95 - 01 93 000 RA Page 111 95 - 01 93 110 80 A 100 Her Sample Date Sample Matrix Containers QTY - Vol/TYPE/Preservative 000 RA 11 81/4/15 12:379 5 1- 40 2/6/cool X X 81/4/15 12:370 5 1- 40 2/6/cool X X 9 000 0 0 0 0 9 0 0 0 0 0 9 0 0 0 0 0 9 0 0 0 0 0 9 0 0 0 0 0 9 0 0 0 0 0 9 0 0 0 0 0 9 0 0 0 0 0 9 0 0 0 0 0 <</td>	3d P508044 standard sta	3d P \$ 0 80 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44 500 44	3d P S 0 8 0 44 starting of the start of the sta	Image: State of the state	3d P 50 80 44 000 RA Job Number 111 95 - 01 93 000 RA Page 111 95 - 01 93 110 80 A 100 Her Sample Date Sample Matrix Containers QTY - Vol/TYPE/Preservative 000 RA 11 81/4/15 12:379 5 1- 40 2/6/cool X X 81/4/15 12:370 5 1- 40 2/6/cool X X 9 000 0 0 0 0 9 0 0 0 0 0 9 0 0 0 0 0 9 0 0 0 0 0 9 0 0 0 0 0 9 0 0 0 0 0 9 0 0 0 0 0 9 0 0 0 0 0 9 0 0 0 0 0 <



Analytical Report

Report Summary

Client: Encana Oil & Gas USA Chain Of Custody Number: Samples Received: 11/11/2015 4:55:00PM Job Number: 11195-0193 Work Order: P511017 Project Name/Location: Lybrook 002R

Date: 11/19/15

Entire Report Reviewed By:

Tim Cain, Laboratory Manager

Supplement to analytical report generated on: 11/19/15 3:37 pm

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

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	Encana Oil & Gas USA	Project Name:	Lybrook 002R	
1	370 17th Street	Project Number:	11195-0193	Reported:
	Denver CO, 80202	Project Manager:	Isaac Garcia	19-Nov-15 15:47

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
North Wall E.	P511017-01A	Soil	11/10/15	11/11/15	Glass Jar, 4 oz.
North Wall W.	P511017-02A	Soil	11/10/15	11/11/15	Glass Jar, 4 oz.
West Wall N.	P511017-03A	Soil	11/10/15	11/11/15	Glass Jar, 4 oz.
West Wall S.	P511017-04A	Soil	11/10/15	11/11/15	Glass Jar, 4 oz.
South Wall W.	P511017-05A	Soil	11/10/15	11/11/15	Glass Jar, 4 oz.
South Wall E.	P511017-06A	Soil	11/10/15	11/11/15	Glass Jar, 4 oz.
East Wall S.	P511017-07A	Soil	11/10/15	11/11/15	Glass Jar, 4 oz.
East Wall N.	P511017-08A	Soil	11/10/15	11/11/15	Glass Jar, 4 oz.
N. Bottom	P511017-09A	Soil	11/10/15	11/11/15	Glass Jar, 4 oz.
S. Bottom	P511017-10A	Soil	11/10/15	11/11/15	Glass Jar, 4 oz.

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Encana Oil & Gas USA	Project Name:	Lybrook 002R	
370 17th Street	Project Number:	11195-0193	Reported:
Denver CO, 80202	Project Manager.	Isaac Garcia	19-Nov-15 15:47

NI- AL NU- D F

			th Wall 17-01 (Sc						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-P1D		97.4 %	50	-150	1546022	11/11/15	11/12/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	19.9	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: n-Nonane		106 %	50	-200	1546031	11/12/15	11/13/15	EP.4 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	50	-150	1546022	11/11/15	11/12/15	EPA 8015D	

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Encana Oil & Gas USA 370 17th Street Denver CO, 80202	Projec	Project Name: Lybrod Project Number: 11195- Project Manager: Isaac (U.	Reported: 19-Nov-15 15:47	
			th Wall \ 17-02 (Sc						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
o,m-Xylene	ND	0.20	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
p-Xylene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	50	-150	1546022	11/11/15	11/12/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	19.9	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: n-Nonane		107 %	50	-200	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-F1D		103 %	50	-150	1546022	11/11/15	11/12/15	EPA 8015D	

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Denver CO, 80202	110,0	ct Manager:		Garcia				19-Nov-15 15	
			st Wall I 17-03 (Sc						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	50	-150	1546022	11/11/15	11/12/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: n-Nonane		98.0 %	50	-200	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-F1D		105 %	50	-150	1546022	11/11/15	11/12/15	EPA 8015D	

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Encana Oil & Gas USA 370 17th Street Denver CO, 80202	Project	Name: Number: Manager:	1119	ook 002R 5-0193 : Garcia				Reported: 19-Nov-15 15	:47
			st Wall 1 17-04 (Sc						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
foluene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
o,m-Xylene	ND	0.20	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	50	-150	1546022	11/11/15	11/12/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	19.9	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8015D	
Diesel Range Organics (C10-C28)	233	25.0	mg/kg	1	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: n-Nonane		105 %	50	-200	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	50	-150	1546022	11/11/15	11/12/15	EPA 8015D	

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Encana Oil & Gas USA 370 17th Street Denver CO, 80202	Project Name:Lybrook 002RProject Number.11195-0193Project Manager:Isaac Garcia							Reported: 19-Nov-15 15	5:47
			th Wall V 17-05 (Sc						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021						_			
Benzene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	50	-150	1546022	11/11/15	11/12/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	19.9	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: n-Nonane		104 %	50	-200	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	50	-150	1546022	11/11/15	11/12/15	EPA 8015D	

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Project Name:	Lybrook 002R	
Project Number:	11195-0193	Reported:
Project Manager.	Isaac Garcia	19-Nov-15 15:47
	Project Number:	Project Number: 11195-0193

Courth Wall F

	th Wall 17-06 (Se								
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	50	-150	1546022	11/11/15	11/12/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: n-Nonane		106 %	50	-200	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	50	-150	1546022	11/11/15	11/12/15	EPA 8015D	

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Encana Oil & Gas USA 370 17th Street Denver CO, 80202	Projec	et Name: et Number: et Manager:	1119	ook 002R 5-0193 : Garcia				Reported: 19-Nov-15 15	
			st Wall S 17-07 (Se						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	50	-150	1546022	11/11/15	11/12/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1546022	11/11/15	11/12/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: n-Nonane		106 %	50	-200	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	50	-150	1546022	11/11/15	11/12/15	EPA 8015D	

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Encana Oil & Gas USA 370 17th Street Denver CO, 80202	Projec	t Name: t Number: t Manager:	1119	ook 002R 95-0193 c Garcia				Reported: 19-Nov-15 15	
			st Wall N 17-08 (Se						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	50	-150	1546033	11/12/15	11/13/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: n-Nonane		105 %	50	-200	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	50	-150	1546033	11/12/15	11/13/15	EPA 8015D	

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Encana Oil & Gas USA 370 17th Street Denver CO, 80202	Projec	t Name: t Number: t Manager:	1119	ook 002R 5-0193 : Garcia				Reported: 19-Nov-15 15	:47
			Bottom 17-09 (Sc						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
o,m-Xylene	ND	0.20	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
-Xylene	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
urrogate: 4-Bromochlorobenzene-PID		99.5 %	50	-150	1546033	11/12/15	11/13/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1546031	11/12/15	11/13/15	EPA 8015D	
inrrogate: n-Nonane		105 %	50	-200	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-F1D		107 %	50	-150	1546033	11/12/15	11/13/15	EPA 8015D	

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Encana Oil & Gas USA	Project Name:	Lybrook 002R	
370 17th Street	Project Number.	11195-0193	Reported:
Denver CO, 80202	Project Manager:	Isaac Garcia	19-Nov-15 15:47

			Bottom 17-10 (Se						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		100 %	50	-150	1546033	11/12/15	11/13/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1546033	11/12/15	11/13/15	EPA 8015D	
Diesel Range Organics (C10-C28)	81.1	25.0	mg/kg	1	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: n-Nonane		95.4 %	50	-200	1546031	11/12/15	11/13/15	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-F1D		106 %	50	-150	1546033	11/12/15	11/13/15	EPA 8015D	

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Encana Oil & Gas USA	Project Name:	Lybrook 002R	
370 17th Street	Project Number:	11195-0193	Reported:
Denver CO, 80202	Project Manager:	Isaac Garcia	19-Nov-15 15:47

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1546022 - Purge and Trap EPA 503	0A									
Blank (1546022-BLK1)				Prepared &	Analyzed:	11-Nov-15	5			
Benzene	ND	0.10	mg/kg							
oluene	ND	0.10	*							
thylbenzene	ND	0.10								
,m-Xylene	ND	0.20								
-Xylene	ND	0.10								
Total Xylenes	ND	0.10								
Total BTEX	ND	0.10								
urrogate: 4-Bromochlorobenzene-PID	0.307		н	0.320		95.9	50-150			
CS (1546022-BS1)				Prepared &	Analyzed:	11-Nov-1	5			
Benzene	10.7	0.10	mg/kg	9.98		107	70-130			
oluene	10.5	0.10	*	9.98		105	70-130			
Sthylbenzene	10.5	0.10	•	9,98		105	70-130			
o,m-Xylene	21.2	0.20		20.0		106	70-130			
o-Xylene	10.1	0.10		9.98		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	0.311		**	0.320		97.5	50-150			
Matrix Spike (1546022-MS1)	Sou	rce: P511016-	01	Prepared &	Analyzed:	11-Nov-1	5			
Benzene	10.3	0,10	mg/kg	9.94	ND	104	54.3-133			
oluene	10.1	0.10	**	9.94	ND	102	61.4-130			
Ethylbenzene	10.1	0.10		9.94	ND	102	61.4-133			
o,m-Xylene	20.4	0.20		19.9	ND	103	63.3-131			
-Xylene	9.75	0.10	"	9.94	ND	98.1	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	0.316		*	0.318		99.4	50-150			
Matrix Spike Dup (1546022-MSD1)	Sou	rce: P511016-	01	Prepared &	Analyzed:	11-Nov-1	5			
Benzene	10.5	0.10	mg/kg	9.97	ND	105	54.3-133	1.35	20	
foluene	10.3	0.10		9.97	ND	103	61.4-130	1.31	20	
Ethylbenzene	10.3	0.10		9.97	ND	103	61.4-133	1.06	20	
,m-Xylene	20.6	0.20	**	19.9	ND	103	63.3-131	0.948	20	
-Xylene	9.85	0.10		9.97	ND	98.8	63.3-131	1.04	20	
urrogate: 4-Bromochlorobenzene-P1D	0.318		**	0.319		99.5	50-150		-	

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Encana Oil & Gas USA	Project Name:	Lybrook 002R	
370 17th Street	Project Number.	11195-0193	Reported:
Denver CO, 80202	Project Manager.	Isaac Garcia	19-Nov-15 15:47

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1546033 - Purge and Trap EPA 50	30A									
Blank (1546033-BLK1)				Prepared: 1	2-Nov-15	Analyzed:	13-Nov-15			
Benzene	ND	0.10	mg/kg							
oluene	ND	0.10								
Ethylbenzene	ND	0.10								
,m-Xylene	ND	0.20								
-Xylene	ND	0.10	**							
fotal Xylenes	ND	0.10	•							
Total BTEX	ND	0.10	*							
urrogate: 4-Bromochlorobenzene-PID	0.311		и	0.320		97.2	50-150			
LCS (1546033-BS1)				Prepared: 1	2-Nov-15	Analyzed:	13-Nov-15			
Benzene	10.3	0.10	mg/kg	10.0		103	70-130			
foluene	10.0	0.10		10.0		101	70-130			
Ethylbenzene	10.1	0.10		10.0		101	70-130			
o,m-Xylene	20.3	0,20		20.0		101	70-130			
n-Xylene	9.65	0.10		10.0		96.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	0.314		n	0.320		98.1	50-150			
Matrix Spike (1546033-MS1)	Sou	rce: P511017-	08	Prepared: 1	2-Nov-15	Analyzed:	13-Nov-15			
Benzene	10.4	0.10	mg/kg	10.0	ND	104	54.3-133			
Foluene	10.2	0.10	**	10.0	ND	102	61.4-130			
Ethylbenzene	10.2	0.10		10.0	ND	102	61.4-133			
p,m-Xylene	20.5	0.20		20.0	ND	102	63.3-131			
p-Xylene	9.76	0.10		10.0	ND	97.6	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	0.315			0.320		98.4	50-150			
Matrix Spike Dup (1546033-MSD1)	Sou	rce: P511017-	-08	Prepared: 1	2-Nov-15	Analyzed:	13-Nov-15			
Benzenc	10.5	0.10	mg/kg	10.0	ND	105	54.3-133	1.02	20	
Toluene	10.2	0.10		10.0	ND	103	61.4-130	0.897	20	
Ethylbenzene	10.3	0.10		10.0	ND	103	61.4-133	0.682	20	
p,m-Xylene	20.6	0.20		20.0	ND	103	63.3-131	0.712	20	
p-Xylene	9.82	0.10	*	10.0	ND	98.3	63.3-131	0.681	20	
Surrogate: 4-Bromochlorobenzene-PID	0.317		"	0.320		98.9	50-150			

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Encana Oil & Gas USA	Project Name:	Lybrook 002R	
370 17th Street	Project Number.	11195-0193	Reported:
Denver CO, 80202	Project Manager:	Isaac Garcia	19-Nov-15 15:47

Nonhalogenated Organics by 8015 - Quality Control

Envirotech	Analytical	Laboratory

Analysis	Bault	Reporting Limit	Linite	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Limit	Units	Level	Result	70KEC	Limits	RPD	Lunu	INDICE
Batch 1546022 - Purge and Trap EPA 50)30A									
Blank (1546022-BLK1)				Prepared &	Analyzed:	11-Nov-15				
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	0.327		n	0.320		102	50-150			
LCS (1546022-BS1)				Prepared &	Analyzed:	11-Nov-15				
Gasoline Range Organics (C6-C10)	117	20.0	mg/kg	113		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	0.326		"	0.320		102	50-150		-	
Matrix Spike (1546022-MS1)	Sour	rce: P511016-	01	Prepared &	Analyzed:	11-Nov-15				
Gasoline Range Organics (C6-C10)	115	19.9	mg/kg	112	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	0.330		"	0.318		104	50-150			
Matrix Spike Dup (1546022-MSD1)	Sou	rce: P511016-	-01	Prepared &	Analyzed:	11-Nov-15	5			
Gasoline Range Organics (C6-C10)	116	20.0	mg/kg	113	ND	103	70-130	0.855	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	0.332		1 7	0.319		104	50-150			

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Encana Oil & Gas USA	Project Name:	Lybrook 002R	
370 17th Street	Project Number:	11195-0193	Reported:
Denver CO, 80202	Project Manager.	Isaac Garcia	19-Nov-15 15:47

Nonhalogenated Organics by 8015 - Quality Control

	E	nvirotech A	Analyti	cal Labor	atory					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1546031 - DRO Extraction EPA 3550M										
Blank (1546031-BLK1)				Prepared &	Analyzed:	12-Nov-1	5			
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: n-Nonane	51.3		"	50.0		103	50-200			
LCS (1546031-BS1)				Prepared &	Analyzed:	12-Nov-1	5			
Diesel Range Organics (C10-C28)	478	25.0	mg/kg	500		95.6	38-132			
Surrogate: n-Nonane	50.2			50.0		100	50-200			
Matrix Spike (1546031-MS1)	Sou	irce: P511016-	01	Prepared &	Analyzed:	12-Nov-1	5			
Diesel Range Organics (C10-C28)	482	25.0	mg/kg	500	ND	96.4	38-132			
Surrogate: n-Nonane	51.4		"	50.0		103	50-200			
Matrix Spike Dup (1546031-MSD1)	Sou	irce: P511016-	01	Prepared &	Analyzed:	12-Nov-1	5			
Diesel Range Organics (C10-C28)	481	25.0	mg/kg	500	ND	96.2	38-132	0.254	20	
Surrogate: n-Nonane	50.8	e foge for el sur e	"	50.0	the sectors.	102	50-200			
Blank (1546031-BLK2)				Prepared:	2-Nov-15	Analyzed	13-Nov-15			
Diesel Range Organics (C10-C28)	ND	25,0	mg/kg							
Surrogate: n-Nonane	52.4		n	50.0		105	50-200			
LCS (1546031-BS2)				Prenared:	2-Nov-15	Analyzed	13-Nov-15			
Diesel Range Organics (C10-C28)	498	25.0	mg/kg	500	2 1107 15	99.6	38-132			
Surrogate: n-Nonane	51.3		u U	.50.0		103	50-200			
Matrix Spike (1546031-MS2)	East	urce: P511017-	01	Draparad	2 Nov 15	Analyzad	13-Nov-15			
Diesel Range Organics (C10-C28)	496	25.0	mg/kg	500	ND	99.3	38-132			
Surrogate: n-Nonane	490	23.0	ш <u>д</u> /к <u>д</u> "	50.0	NL2	93.8	50-200			
Matrix Spike Dup (1546031-MSD2)		arce: P511017-					13-Nov-15			
Diesel Range Organics (C10-C28)	508	25.0	mg/kg	500	ND	102	38-132	2.26	20	
Surrogate: n-Nonane	47.8		"	50.0		95.5	50-200			

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Encana Oil & Gas USA	Project Name:	Lybrook 002R	
370 17th Street	Project Number:	11195-0193	Reported:
Denver CO, 80202	Project Manager.	Isaac Garcia	19-Nov-15 15:47

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1546033 - Purge and Trap EPA 50.	30A									
Blank (1546033-BLK1)				Prepared: 1	2-Nov-15	Analyzed:	13-Nov-15			
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	0.344		u	0.320		108	50-150			
LCS (1546033-BS1)				Prepared: 1	2-Nov-15	Analyzed:	13-Nov-15			
Gasoline Range Organics (C6-C10)	119	20.0	mg/kg	113		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-F1D	0.346		"	0.320		108	50-150			
Matrix Spike (1546033-MS1)	Sou	rce: P511017-	08	Prepared: 1	2-Nov-15	Analyzed:	13-Nov-15			
Gasoline Range Organics (C6-C10)	119	20.0	mg/kg	113	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-F1D	0.344		п	0.320		108	50-150			
Matrix Spike Dup (1546033-MSD1)	Sou	rce: P511017-	08	Prepared: 1	2-Nov-15	Analyzed:	13-Nov-15			
Basoline Range Organics (C6-C10)	120	20.0	mg/kg	113	ND	106	70-130	0.753	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	0.345		**	0.320		108	50-150			

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1	Encana Oil & Gas USA	Project Name:	Lybrook 002R	
1 3	370 17th Street	Project Number:	11195-0193	Reported:
1	Denver CO, 80202	Project Manager:	Isaac Garcia	19-Nov-15 15:47

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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Client: Encana			RUSH?	La	b Use Only			Ana	lysis and	d Method	lab Or
Project: Ly Brook DOZ R	and a dealer of the		1d	ACCESSION FOR ANY MARK	ab WO#						
Sampler: Z. Garvia			3d	PSII	011						
Phone:	Phone:			ol	b Number	015			0.0		Lab Number
mail(s): Zsace G				11195	-0193	by 8	21	1	by 300.0		Nui
Project Manager: Grey Crahtree			Pag	e / of /		28	vy 80	418	le bi		Lab
Sample ID	Sample Date	Sample Time	Matrix	and the second second	ntainers YPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride		Lab Number
North Wall E.	11/10/15	11:04	5	1.402/0	al cool	X	X				١,
North Wall W.		11:08			1	1	li				2
West Wall N.		11:13									3
west wall S.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11:17									Y
South Wall w		11:21									5
South Wall E.		11:25									6
East wall s.		11:29									7
Eastwall N.		11:34									8
N. Bottom		11:39									9
5. Bottom		11:44		_	_	12	1		-		10
Relinquished by: (Signature) Date Time	3	i by (Signal	1	Date 1(.(0.13 Date	Time T1	Recei	2		T2 8		тз <u>7./</u>
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _					Container Type:				and the owner of the owner of the owner	ag - amber	glass, v - VOA
**Samples requiring thermal preservation must be received on ice the	day they are sampled o	and the local division of the local division	NAME OF TAXABLE PARTY.		and the second s	°C on su	bseque	ent day	s.		
Sample(s) dropped off after hours to a secure drop off area.		Chain of	Custody	Notes/Billing	g info:						
envirotech Analytical Laboratory	and the second sec	lighicay 64, Farmi	Children of the local division of the local	h	Ph (505) 633						r er tobet " lek
Analytical Laboratory	Three Spa	legi - 65 Mercado	Street, Suite 115,	Durango, CC 81301	Ph (970) 239	-D615 Fr (800) 362	-1379			Page 19 c



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Analytical Laboratory

Report Summary

Client: Encana Oil & Gas USA Chain Of Custody Number: Samples Received: 12/14/2015 1:32:00PM Job Number: 11195-0193 Work Order: P512027 Project Name/Location: Lybrook 002R

Date: 12/15/15

Entire Report Reviewed By:

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

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Encana Oil & Gas USA	Project Name:	Lybrook 002R	
370 17th Street	Project Number:	11195-0193	Reported:
Denver CO, 80202	Project Manager:	Greg Crabtree	15-Dec-15 11:17

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
West Wall S. + 18"	P512027-01A	Soil	12/14/15	12/14/15	Glass Jar, 4 oz.	

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Encana Oil & Gas USA 370 17th Street Denver CO, 80202	Projec	et Name: et Number: et Manager:	1119	ook 002R 5-0193 5 Crabtree	Reported: 15-Dec-15 11:17									
	West Wall S. + 18'' P512027-01 (Solid)													
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes					
Volatile Organics by EPA 8021														
Benzene	ND	0.10	mg/kg	1	1551010	12/14/15	12/14/15	EPA 8021B						
Toluene	ND	0.10	mg/kg	1	1551010	12/14/15	12/14/15	EPA 8021B						
Ethylbenzene	ND	0.10	mg/kg	1	1551010	12/14/15	12/14/15	EPA 8021B						
p,m-Xylene	ND	0.20	mg/kg	1	1551010	12/14/15	12/14/15	EPA 8021B						
o-Xylene	ND	0.10	mg/kg	1	1551010	12/14/15	12/14/15	EPA 8021B						
Total Xylenes	ND	0.10	mg/kg	1	1551010	12/14/15	12/14/15	EPA 8021B						
Total BTEX	ND	0.10	mg/kg	1	1551010	12/14/15	12/14/15	EPA 8021B						
Surrogate: 4-Bromochlorobenzene-PID		83.5 %	50	-150	1551010	12/14/15	12/14/15	EPA 8021B						
Nonhalogenated Organics by 8015														
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1551010	12/14/15	12/14/15	EPA 8015D						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1551008	12/14/15	12/14/15	EPA 8015D						
Surrogate: n-Nonane		114 %	50	-200	1551008	12/14/15	12/14/15	EPA 8015D						
Surrogate: 1-Chloro-4-fluorobenzene-FID		76.1%	50	-150	1551010	12/14/15	12/14/15	EPA 8015D						

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Encana Oil & Gas USA	Project Name:	Lybrook 002R	
370 17th Street	Project Number:	11195-0193	Reported:
Denver CO, 80202	Project Manager:	Greg Crabtree	15-Dec-15 11:17

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes		
Batch 1551010 - Purge and Trap EPA 503	0A											
Blank (1551010-BLK1)				Prepared &	Analyzed:	14-Dec-15	5					
Benzene	ND	0.10	mg/kg									
Toluene	ND	0.10										
Ethylbenzene	ND	0.10										
o,m-Xylene	ND	0.20										
p-Xylene	ND	0.10	**									
Total Xylenes	ND	0.10										
Total BTEX	ND	0.10										
Surrogate: 4-Bromochlorobenzene-PID	0.334		и	0.400		<u>83.5</u>	50-150	- H - H				
LCS (1551010-BS1)		Prepared & Analyzed: 14-Dec-15										
Benzene	12.2	0.10	mg/kg	10.0		122	70-130					
Toluene	12.0	0.10		10.0		120	70-130					
Ethylbenzene	12.0	0.10		10.0		120	70-130					
o,m-Xylene	23.7	0.20		20.0		119	70-130					
o-Xylene	11.6	0.10		10.0		116	70-130					
Surrogate: 4-Bromochlorobenzene-PID	0.332			0.400		83.0	50-150					
Matrix Spike (1551010-MS1)	Sou	rce: P512027-	01	Prepared &	Analyzed:							
Benzene	10.1	0.10	mg/kg	10,0	ND	101	54.3-133					
Foluene	9.89	0.10	**	10.0	ND	99.0	61.4-130					
Ethylbenzene	9.89	0.10		10.0	ND	98.9	61.4-133					
o,m-Xylene	19.7	0.20		20.0	ND	98.4	63.3-131					
)-Xylene	9.67	0.10		10.0	ND	96.7	63.3-131					
Surrogate: 4-Bromochlorobenzene-P1D	0.332			0.400		83.1	50-150					
Matrix Spike Dup (1551010-MSD1)	Sour	rce: P512027-	01	Prepared &	Analyzed:	14-Dec-15	5					
Benzene	11.0	0.10	mg/kg	10.0	ND	110	54.3-133	8.15	20			
Toluene	10.7	0.10		10.0	ND	107	61.4-130	8.10	20			
thylbenzene	10.7	0.10		10.0	ND	107	61.4-133	8.12	20			
n,m-Xylene	21.3	0.20		20.0	ND	107	63.3-131	7.93	20			
-Xylene	10,4	0.10		10.0	ND	104	63.3-131	7.13	20			
urrogate: 4-Bromochlorobenzene-PID	0.335		**	0.400		83.8	50-150					

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Encana Oil & Gas USA	Project Name:	Lybrook 002R	
370 17th Street	Project Number.	11195-0193	Reported:
Denver CO, 80202	Project Manager:	Greg Crabtree	15-Dec-15 11:17

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory												
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes		
Batch 1551008 - DRO Extraction EPA 3550M												
Blank (1551008-BLK1)				Prepared &	Analyzed:	14-Dec-15						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg									
Surrogate: n-Nonane	59.5		"	50.0		119	50-200					
LCS (1551008-BS1)				Prepared &	Analyzed:	14-Dec-15						
Diesel Range Organics (C10-C28)	499	25.0	mg/kg	500		99.7	38-132					
Surrogate: n-Nonane	52.8			50.0		106	50-200					
Matrix Spike (1551008-MS1)	Sou	rce: P512018-	01	Prepared &	Analyzed:	14-Dec-15						
Diesel Range Organics (C10-C28)	2740	25.0	mg/kg	500	1870	174	38-132			SPK		
Surrogate: n-Nonane	68.7		и	50.0		137	50-200					
Matrix Spike Dup (1551008-MSD1)	Source: P512018-01		Prepared: 14-Dec-15 Analyzed: 1			5-Dec-15						
Diesel Range Organics (C10-C28)	3060	25.0	mg/kg	500	1870	237	38-132	10.7	20	SPK		
Surrogate: n-Nonane	66.0			50.0		132	50-200					

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Three Springs + 65 Mercado Street, Suite 115, Durango, CO 81301

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Page 5 of 8



Encana Oil & Gas USA	Project Name:	Lybrook 002R	
370 17th Street	Project Number:	11195-0193	Reported:
Denver CO, 80202	Project Manager:	Greg Crabtree	15-Dec-15 11:17

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory												
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes		
Batch 1551010 - Purge and Trap EPA 5030A												
Blank (1551010-BLK1)				Prepared &	Analyzed:	14-Dec-15						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg									
Surrogate: 1-Chloro-4-fluorobenzene-FID	0.285		"	0.400		71.4	50-150					
LCS (1551010-BS1)				Prepared &	Analyzed:	14-Dec-15						
Gasoline Range Organics (C6-C10)	118	20.0	mg/kg	106		111	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	0.277		"	0.400		69.2	50-150					
Matrix Spike (1551010-MS1)	Sou	rce: P512027-	01	Prepared &	Analyzed:	14-Dec-15						
Gasoline Range Organics (C6-C10)	103	20.0	mg/kg	106	ND	96.8	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	0.290		n	0.400		72.5	50-150					
Matrix Spike Dup (1551010-MSD1)	Sou	rce: P512027-	01	Prepared &	Analyzed:	14-Dec-15						
Gasoline Range Organics (C6-C10)	112	20.0	mg/kg	106	ND	106	70-130	8.59	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	0.293		"	0.400		73.3	50-150					

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Encana Oil & Gas USA	Project Name:	Lybrook 002R	
370 17th Street	Project Number:	11195-0193	Reported:
Denver CO, 80202	Project Manager:	Greg Crabtree	15-Dec-15 11:17
the second s			

Notes and Definitions

SPK1	The spike recovery is outside of quality control limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis

RPD Relative Percent Difference

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Client: Encana					RUSH?		ab Use Only				An	alysis	and Me	ethod		lab	Only
Project: Ly Brook OUZR					2 Id	No.	Lab WO#	No.				ΓT	1	1		1	Z
Sampler: Z. Gaicia					3d	P02	OZT										s) Y,
Phone:						And a second second second second	lob Number		15			0				ber	25
Email(s): Isaac (, Felip	,						5-0193		y 8015	н	-	300				mn	t/Pr
Project Manager: Gizy Ci46	HITT				Pag	And in case of the local division of the			SOb	802	418.	Mas				Lab Number	Con
Sample ID			Sample Date	Sample Time	Matrix		ontainers TYPE/Preservati	ive	GRO/DRO by	BTEX by 8021	TPH by 418.1	Chloride by 300.0					Correct Cont/Prsrv (s) Y/N
West Wall 5. + 18'			12/14/15	10:53	5	1-402/	G1 cool		X	X						1	Y
				-		_											
														-			
														+			
								-						+			
	Date	Time 13.'32	Received	by (Signat	ture)	Date	Time	**Re	ceiv	ed c	on le	1 Aller) Use (Only			
The second s	Date	Time	Received	by: (Signat	ture)	Date	Time	T1_	-			T2_			тз		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A	- Aqueous,	0 - Other			1		Container Typ	- and the second	and the second second	and the second se	-	/plast	ic, ag -	amber	glass, v	- VOA	
*Samples requiring thermal preservation must	be received	d on ice the day	they are sampled o	r received pa	acked in ice a	it an avg temp al	oove 0 but less tha	n 6 °C o	n sub:	seque	nt day	ys.			6.000, 1		
Sample(s) dropped off after hours to a sec	ure drop of	f area.		Chain of	Custody	Notes/Billi	ing info:										
enviro	tec	tory	The second second second		ngton, HM 87401 Street, Suite 115, I	L	the second second second second second	5) 632-0615)) 259-0615								age 8	and a state

APPENDIX C

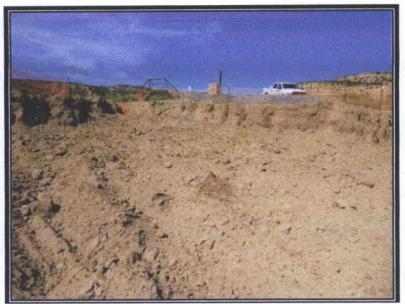
Site Photography



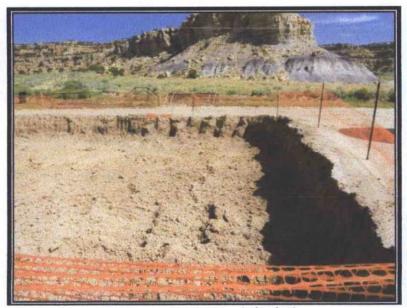
Picture 1: Site (7/22/15)



Picture 2: North East View (7/22/15)



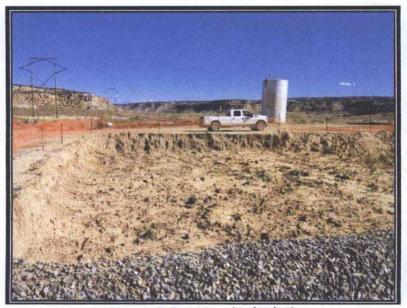
Picture 3: West View (7/22/15)



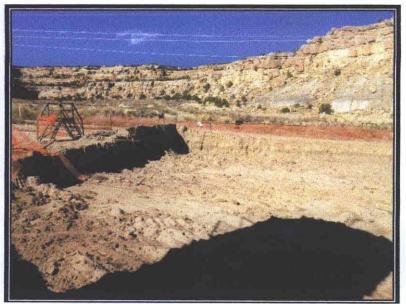
Picture 4: North View (7/22/15)



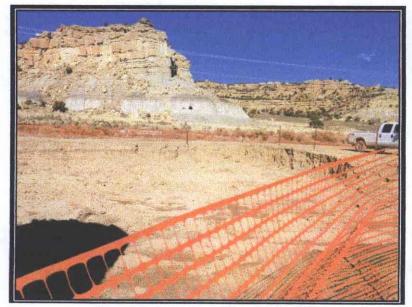
Picture 5: West View of South Wall (7/22/15)



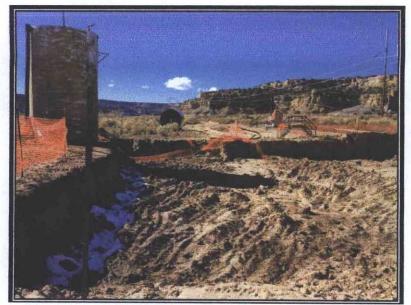
Picture 6: East View (11/10/15)



Picture 7: North West View (11/10/15)



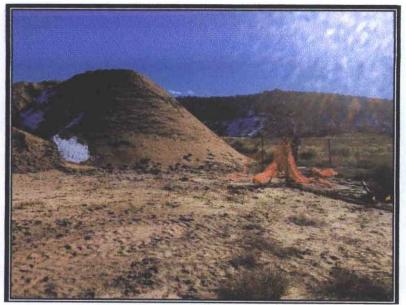
Picture 8: North East View (11/10/15)



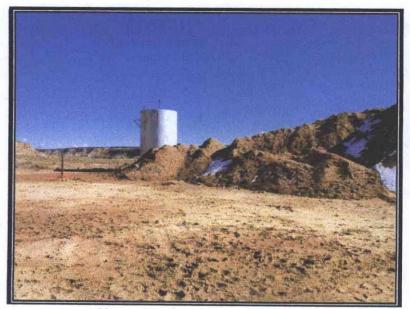
Picture 9: West View (11/10/15)



Picture 10: South View (11/10/15)



Picture 11: Clean fill Pile (11/10/15)



Picture 12: Clean Fill Pile (11/10/15)

APPENDIX D

Bill of Ladings/ C-138 Request for Approval



MANIFEST #	52092
GENERATOR	ENCANA
POINT OF OR	IGIN LYBROOK 2R
	R KELLY OF FORD
DATE 22.50	

PHONE	: (505) 632-0615 • 57	796 U	I.S. HIGHWAY 6	64 · FAR	MINGTON,	NEW ME	XICO 87401	1	DA	TE 22 JUNI	JOB	11195-0191			
LOAD		COMF	PLETE DESCRIPTION OF SHIPMENT							TRANSPORTING COMPANY					
NO.	DESTINATION		MATERIA	AL	GRID	YDS	BBLS	т	KT#	TRK#	TIME	DRIVER SIGNATURE			
1	LETT		CONT. 50	3L	51	10	-	-		03	1630	Minie Hyon			
2	LFIF-5	_	CONT. 50	a	A-17	-	5	-		01	1655	Minin Swego			
						10	5								
		_													
			і. - 1997 г 1997 г - 1997 г												
		-													
		_						-							
		_													
RESULT	'e		T					-							
	CHLORIDE TEST	2	LANDFARM EMPLOYEE	A	2		EL		NOTES						
	PAINT FILTER TEST	2	Cer	tification	of above rec	eival & pla	cement	1	-						
	ng as the driver/trans e mentioned Generat	porte or/Po	r, I certify the maint of Origin and	aterial had	auled from t additional	he above material h	location ha	s not t ded or	been adde mixed in	ed to or tamper ito the load.	red with. I certify	y the material is from			
	Onsite Contact s required prior to distr	ributio	n of the legal doo	cument.	DISTRIBUTIO	N: White -	Company Record	is, Yei	llow - Billing,	Pink - Customer,	Goldenrod - LF Copy	,			



MANIFEST # 52140
GENERATORENCARA
POINT OF ORIGIN LY Brook 2R
TRANSPORTER Kelly oil Field
DATE 6-30-15 JOB # 1195-0191

LOAD	COM	PLETE DESCRIPTION OF	SHIPMENT	г			TRANSPORTING COMPANY					
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE			
1	LET	ConitSoil	K.1	10	-		DT-02	1040	Minie Socieso			
2	LFI	11 t.	K.1	10	-		Dt.02	1400	Minor Stream			
3	LFI	CONT. SOIL	K-1	10	-		55-02	1655	Minor House			
				30					0			
			-									
								_				
RESUL	1		wR	Di	nsar	L NOT	ES					
	PAINT FILTER TEST	Certification	of above re	eceival & pla	acement							
By sign the abo	ing as the driver/transpor ve mentioned Generator/	ter, I certify the material H Point of Orlgin and that n	nauled from o additiona	the above I material I	location ha	is not been a Ided or mixed	dded to or tampe d into the load.	red with. I cert	ify the material is from			

Generator Onsite	e Contac	ztt											Phone)		
Signatures requ	uired pr	rior to dis	tribution o	of the lega	l docume	nt. c	STRIBUTION:	White - (Company Records	, Yello	w - Billing,	Pink - Customer	, Gold	ienrod - LF Co	ру	
				And and a second second				-		-						san juan reproduction 578-126



MANIFEST # 52285
GENERATOR Encang
POINT OF ORIGIN Lybrank 2.R
TRANSPORTER Kelley Or / field
DATE 7-16-15 JOB # 11195-0191

LOAD	CO	MPLETE DESCRIPTION C	OF SHIPMEN	т		TRANSPORTING COMPANY					
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE		
6	UFIL	Cont Sol	S 3	18	_	_	02	13540	Hebert Ancie		
				10							
			_								
RESULT	S					2 NOT	ES		1		
2278	CHLORIDE TEST	EMPLOYEE	10	6	Son						
	PAINT FILTER TEST	Certificatio	or of above re	eceival & pl	acement						

Generator Onsite Contact	16.3	المتجمعية المتحديي			hone	
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
						sen wan reproduction 578-128



MANIFEST # 52337	
GENERATOR CUCC	
POINT OF ORIGIN	brook 2R
TRANSPORTER Kell	y oil Field
DATE 7.22-15	JOB # 11195-0 91

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

TRANSPORTING COMPANY

LOAD	CON	IPLETE DESCRIPTION OF	SHIPMENT		TRANSPORTING COMPANY						
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE		
1	LFII	Con'tSoil	T-4	10	-	-	03	1045	Emerson		
				10							
	5										
RESUL	79	1 1		1							
-278		EMPLOYEE	ny,	la	ind	LOF NOT					
	PAINT FILTER TEST	Certification		ceival & pla							
the abo	ve mentioned Generator/	rter, I certify the material h Point of Origin and that no					into the load.		ify the material is from		
	or Onsite Contact <u>TUCK</u> res required prior to distribu	tion of the legal document.	DISTRIBUT	ION: White	- Company Reco	rds, Yellow - Billir		Goldenrod - LF Co	Py		



MANIFEST # 52402
GENERATOR CLANVA
POINT OF ORIGIN LYIZROOK DO2R
TRANSPORTER KELLY OLLESELD
DATE 27 JULIS JOB # 11195-6191

0945 E	IVER SIGNATURE
1015 D	1
1400 0	1
	ann Jues
16:55 L	ann Jus
-	pered with. I certify th

Generator Onsite Contact				I	Phone	
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
			-	-		san juan reproduction 578-128



LOAD NO.

MANIFEST # 52416 GENERATOR ENCAND
POINT OF ORIGIN LY brook 202 R
TRANSPORTER Kally av Field
DATE 2-28-15 JOB # 11195-0191

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

COMPLETE DESCRIPTION OF SHIPMENT TRANSPORTING COMPANY DESTINATION TRK# GRID YDS BBLS TKT# TIME MATERIAL DRIVER SIGNATURE 0 merson -1330 DTOS T-2 0 -42 -NOTES RESULTS 4 LANDFARM EMPLOYEE CHLORIDE TEST only Certification of above receival & placement PAINT FILTER TEST

Generator Onsite Contact		Phone				
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records.	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
				parallelet (1		san uso consoluction 575 100



MANIFEST #	52993		
GENERATOR			
POINT OF ORI			
TRANSPORTER	KELLY	OILFIELD	
DATE & SOP	JC JC	DB # 11195-0191	_
TRANS	PORTING COM	MPANY	

LOAD	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY				
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE		
1	LFI	CONT. SOST	N-2	10	-		DT-03	1505	Julius Zomen		
2	u u	er 4	N-2	10	-		- 03	19:25	Julim Jone		
				20					C		
а											
RESUL	TS		~			S	NOTES				
-27	CHLORIDE TEST	EMPLOYEE	A	~							
	PAINT FILTER TEST	Certificati	on of above r	eceival & p	lacement				4.2		
By sign	ing as the driver/transpo	rter. I certify the materia	I hauled from	n the above	e location h	as not be	en added to or tamp	ered with. I cer	tify the material is from		

the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact				hone	- 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19
DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
					san juan reproduction 578-126
	DISTRIBUTION:	DISTRIBUTION: White - Company Records,	DISTRIBUTION: White - Company Records, Yellow - Billing,		Phone Phone DISTRIBUTION: White - Company Records, Yellow - Billing, Pink - Customer, Goldenrod - LF Copy



Bill of Lading

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MANIFEST # 52999 GENERATOR EACHNOL POINT OF ORIGIN LY OFOOK 2R TRANSPORTER Kelley OFFIELD DATE 9-9-15 JOB # 1195-0191

LOAD	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE	
1	LFIL	Contsoil	PI	10	(-	D+Z	1132	Enum	
2	LFI	Cont SOIL CONT. SOIL	14	10	-		DT-02	1445	Enerson Enerson	
3	d pe	41 LI	P-1	10			02	17:30	Enerson	
			-	30	-					
RESUL	TS		()	1	4/	S NO	OTES			
C278	CHLORIDE TEST	EMPLOYEE	mK	pling	len	~				
	PAINT FILTER TEST	Certification	of above r	eceival & pl	acement					
By sigr	ing as the driver/transpo we mentioned Generator/	rter, I certify the material h Point of Origin and that n	auled from o additiona	the above al material	location h has been a	dded or mix	added to or tampe ked into the load.	red with. I cert	ify the material is from	

Generator Onsite Contact				P	hone	
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
						san juan reproduction 578-125



MANIFEST # 53003 GENERATOR ENCANA POINT OF ORIGIN Lybrook 2 R TRANSPORTER Kelley ourield DATE 9-10-15 JOB # 1195-

DRIVER SIGNATURE
Serus P
Paraio E
John Bur
JENGIO TI
w the material is from

By signing as the driver/transporter, I certify the material hauled from the above location has the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact		Phone				
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
						san juan reproduction 578-125



Bill of Lading

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

MANIFEST # 53008 GENERATOR ENCONC POINT OF ORIGIN LYDROOK 2R TRANSPORTER Kelley OUFIELD DATE 9-11-15 JOB # 1195-0191

LOAD	COMPLETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY				
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE	
1	LFII	CONTSOIL	PI	20	-	j	Dtoz	1048	Peraru P	
2	LFI	CONT. SET	-PI	10	_	-	DTO3	1350	Emerson	
3	ч 4	v u	P-1	20	-	-	02	14:00	JELLIO T	
4	a ll	L ^z A	P-1	20		~	503	16:25	Ronot	
-5	l ei	4 4	P-1	20		~	501	16:25	Bachcel	
6	u u	ç li	P-1	10	-		03	17,00	Em	
7	ei ci	fl 61	8-1	20	_	-	02	17:15-	JENGIO E	
				120						
DEOL										
RESUL		EMPLOYEE Ga	yR	Olir	son	A				
	PAINT FILTER TEST	Certification	of above re	eceival & pla	acement					
		ter, I certify the material h Point of Origin and that no						ered with. I certi	fy the material is from	

Generator Onsite Contact			F	Phone		
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
						san juan reproduction 578-128



MANIFEST # 53012
GENERATOR Encang
POINT OF ORIGIN <u>Cybrook</u> 2R
TRANSPORTER Kelley Oil Field Service
DATE 9-12-15 JOB # 11195-019

LOAD	AD COMPLETE DESCRIPTION OF SHIPMENT							TRANSPORTING COMPANY				
NO.	DESTINATIO	ON	MATER	IAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE	
1.	LF#		Cont. 50	i-1	P-4	20			DT. 2	9:40	force of	
2	CFIL		И	4	P-4	20			502.5	10:20	Minor frequ	
3.	И	и	ч	ч	P-4	20			501.5	10:50	Bachul	
4.	(1	и	и	ч	P-4	20			503.5	10:50	hlink	
5.	LFI		Conf. So	:1	P-4	١٥			DT03	11:20	Jenie Bonn	
6	LFI		CONTIS	21	P-4	20			DT-02	1225	Jenus 7	
7	LFI		CONT. E	SOIL	P-4	20			502-5	1330	Minor Springo	
8	LFI		CONTI	TAR	P-4	20			501-5	1405	Bachel	
٩	LFI		CONT. :	SOR	P-4	20			503-5	1415	agge	
10	LEI		CONT.	5052	P-4	10			DT-03	1445	Thune Burn	
RESULT	S		LANDFARM		P		180	SIN	OTES			
-278	CHLORIDE TES	ST 3	EMPLOYEE		14	R	200	-				
	PAINT FILTER	TEST	C	ertification	of above re	ceival & p	acement					

Generator Onsite Contact			100 C	F	hone	
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
				_		san juan reproduction 578-125



MANIFEST # 53014

GENERATOR ELC	ANA	
POINT OF ORIGIN	LYBROOK	2R
	KOLY OF	GRAD
DATE 12 SEP 1	5 JOB #	11195-019
TRANSPOR	TING COMPANY	·

LOAD	COM	PLETE DESCRIPTION OF	LETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY				
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE			
1	LFIE	CONT. Soz	PH	20	0		DT-02	1510-	hereio t			
2	LFI	CONT. SOIL	PY	20			502-5	1650	Minor Arren			
3	LEE	CONT. SOF	P4	20	_		503.5	1730	CASE			
4	LFII	CONT. SOIL	P4	20			501.5	1740	Bachel			
5	LFI	CONT. SOIL	P4	20			DT-02	1810	terno 7			
6	LFI	CONT. SOIL	P4	10			DT-03	1810	Jaken Bonna			
			-	110					0			
				110								
						0						
RESUL	TS	LANDFARM	20			NOT	ES					
4J7	CHLORIDE TEST	EMPLOYEE	E									
	PAINT FILTER TEST 2 Certification of above receival & placement .											
1.11							and the second					

Generator Onsite Contact			F	hone	and the second	
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
						san juan reproduction 578-126



DESTINATION

LEI

PAINT FILTER TEST

LOAD NO.

2

3

4

5

8

0

10

RESULTS

BBLS

YDS

20

MANIFEST # 53016 GENERATOR ENERNA POINT OF ORIGIN LYBEROK 21 TRANSPORTER KELLY OW FLICH SEAVER DATE 9-13-15 JOB # 1119 TRANSPORTING COMPANY TRK# TIME DRIVER SIGNATURE TKT# DT. 2 8545

En GI (1

na

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

MATERIAL

Conty Soil

COMPLETE DESCRIPTION OF SHIPMENT

GRID

P-4

12 1	11 31	P-4	20		5015	10:30	For
LE Q	11 U	P-4	20		5025	10:100	m
11 11	V) 10	P-4	20		503 5	10:50	au
11 11	1, 3,	P.4	10		87#3	11:35	Joh
»/ ¥	11 V	P-4	20		2742	11:43	15
LEI	CONT. SOIL	P-4	20		501-5	1400	-150
LFE	CONT. SOIL	8-4	20		502-5	1400	gn
LFI	CONT. SPIZ	P-4	20		503-5	1415	le
LFIL	CONT. SOIL	P-LI			50 DT- 2	1435	1=
CHLORIDE TEST	LANDEARM	sata E	all 20	- A NOT	ES		

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Certification of above receival & placement

Generator Onsite Contact	La contra			F	hone	
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						san juan reproduction 578-126
annual second desired second billing		Andread Strength Strength				

envirotech Bill of Lading

MANIFEST #	53018		
GENERATOR			
POINT OF ORIC	AN LYBR	COK 21	2
TRANSPORTER	KELL	ORE	RELD
DATE 13 559	15	JOB #	195-0191
the second s			and the second s

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD	COMP	ETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY			
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE	
1	LFT	CONTI SOIZ	P-5	10			DT-3	1455	Dohme Bonn	
2	LFIZ	CONT. SOIL	P-5	20			502-5	1730	Minion Sriego	
3	LFIE	CONT. SOIL	P-5	20			DT-2	1740	Frand P	
4	FI	CONT. SOR	p.s	20			501-5	1745	Bachal	
5	LEI	CONT. SOR	P-5	20			503.5	1805	Cife	
6	LFI	CONTISOR	P-5	10		e.	DT-3	1835	John Bom	
				100						
RESUL	TS	LANDFARM	~			C NO	NOTES			
278	CHLORIDE TEST 2	EMPLOYEE	E			~				
	PAINT FILTER TEST 2 Certification of above receival & placement								ifu the meterial is from	

Generator Onsite Contact				1	Phone	and the second second second
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	

3 envirotech Bill of Lading

	MANIFEST # 53041
	GENERATOR EUCANA
	POINT OF ORIGIN LYBRINK 2R
	TRANSPORTER Kelly O.2 Field
_	DATE 9-15-15 JOB # 11195-019
	TRANSPORTING COMPANY

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LOAD	COM	IPLETE DESCRIPTION C	OF SHIPMEN	TRANSPORTING COMPANY					
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
2	LFI	Cont	0-3	20	-	-	02	11:05	En
2	U 4	ū .	u 0-3	#2	-	1	03	11:05	John 30m
			-	32					0
			1						
							-		
RESU	_TS				/	SINOT	ES		
42	CHLORIDE TEST	EMPLOYEE	tave	- 7	-				
61	PAINT FILTER TEST	Certificati	on of above r	eceival & pl	acement				
m two	the settles driver Arenene	stor Loostifu the motorie	I hould from	the about	location h	as not been a	dded to or tom	porod with Loort	if the motorial is from

Generator Onsite Contact		Phone					
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy		
						san juan reproduction 578-128	

B	e	n	V	0 33333	r	0	ł	e	С	h

Bill of Lading

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MANIFEST # 53050 GENERATOR ENCOMA POINT OF ORIGIN LY Brook 2 R TRANSPORTER Kelley cilField DATE 9-16-15 JOB # 1195-0191

LOAD	COM	PLETE DESCRIPTION OF	SHIPMEN		TRANSPORTING COMPANY				
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFI	CONTSOIL;	Q	20	1		Dtoz	0740	Em
2	ll u	4	0.1	20		-	501	14:10	Bacher
3	el él	ey 4	e-1	10	-		03	16:35	STinie Bom
4	h h	11 N	0-1	20	-		02	17:10	Encoson
5	h u	4 6	0-1	20	-		501	18:05	Bachul
				90					
								_	
RESUL	TS	LANDFARM	1		C NOT	ES			
5278 CHLORIDE TEST 2 EMPLOYEE ONLY CALINON						~ ~ _			
	PAINT FILTER TEST	Certification	of above r	eceival & pla	acement				2
Ducian	ing as the driver/transpo	ter I certify the material h	auled from	the above	location h	as not been a	dded to or tamp	ared with I certif	ty the material is from

Generator Onsite Contact	11		C.	F	hone	
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
						san juun reproduction 578-126



MANIFEST # 53062 GENERATOR CACADA POINT OF ORIGIN <u>Lybrook</u> 2R TRANSPORTER <u>Kelley</u> DATE <u>9-17-12</u> JOB # 11125-0191

LOAD	COM	PLETE DESCRIPTIC	ON OF SHIPMENT		TRANSPORTING COMPANY				
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFII	CON'TSOIL	1 0-4	20	-	(Dtoz	1055	Enerus
2	11	11 11	0-4	20	-	-	5015	1120	Facher
3	17	11 11	0-4	20	-	1	5025	1140	Ministriego
4	17	11 11	0-4	20	-	-	503	11:55	Ront
5	1	/ /	1 0-4	12	-	4	03	12:25	DineBurgar
6	er	e	a 0-4	20	-		02	14:15	Emerson
7	4	и	40-4	20	-	-	501	14:30	Berchul
8	4 4	м	10-4	20	-	-	502	15:05	Minio Lorigo
9	ù 4		4 0-4	20	-	-	503	15120	Ron A
10	c1 4	4	10-4	10	-		03	16:35	Jafuni Bm
RESUL	TS	LANDFARM	A 1	2182		NOT	ES		0.
<27	CHLORIDE TEST	3 EMPLOYEE	Joint	oli	Dor	2			
	PAINT FILTER TEST	3 Certif	ication of above re	eceival & pl	acement		bar in an		

Generator Onsite Contact				F	hone	
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
					-	san juan reproduction 578-125



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MANIFEST # 53066 GENERATOR ENCANA POINT OF ORIGIN SYREICK 2R TRANSPORTER KEILY & Z Fielt DATE 9-17-15 JOB # 11195-0191

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LOAD	COMP	PLETE DESCRIPTION OF	SHIPMEN		TRANSPORTING COMPANY				
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
7	LFI	Soil	0-4	20	1		02	0135	Emerson
2	u a		0-4	20	-		502	18:00	Minor Jorego
3	61 ~~~	u u	0-4	20	-		501	18:00	Bachul
4	u le	4 4	0-4	20	-	8	503	18:45	Ronts
				80					
						1			
						_			
RESUL	ESULTS LANDFARM					L NOTE	S		
227								-	
	PAINT FILTER TEST / Certification of above receival & placer								

Generator Onsite Contact					Phone	
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
						san juan reproduction 578-126



MANIFEST # 53070 GENERATOR ENCANA POINT OF ORIGIN LYBERK 22 TRANSPORTER 7-18-1 Kelley Gic Field DATE 9-18-15 JOB # 1195-0191

LOAD	COM	PLETE DESCRIPTION OF	SHIPMEN	Г			TRANSPO	RTING COMPAI	NY
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LEI	Soil	0-3	20	-	-	50\$	10:20	Minion Sources
2	u 41	ч q	e-3	20			504	11:05	laure P
3	L 7	e a	0-3	20	-		503	11:35	Ronal
4	t el	0 4	0-3	20	-		02	13:30	Enerson
5	v u		0-3	10	1		03	13:55	Thun Brown
6	чч		0-3	20	-		504	14:30	JENGIA C
7	<i>R</i> 4	u u	0-3	20)		502	15:00	Minor Aries
8	U u	L U	0-3	20	-	-	503	15:35	Ron A
9 .	y U	t il	0-3	20			504	17135	TEGOT
				170					
RESUL	TS			110	/	V NOT	ES		
4278	CHLORIDE TEST		Ave	-1	-				
	PAINT FILTER TEST	2 Certification	n of above re	ceival & pla	acement				1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
By sign the abo	ing as the driver/transpor ve mentioned Generator/	ter, I certify the material Point of Origin and that r	hauled from to additiona	the above I material I	location h has been a	as not been a dded or mixed	dded to or tampe t into the load.	red with. I certif	y the material is from

Generator Onsite Contact				F	Phone	and the second
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
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MANIFEST # 52141
GENERATOR Ettech
POINT OF ORIGIN Cand Farm.
TRANSPORTER Kellyou Field
DATE G'SO-15 JOB # 11195-019/
TRANSPORTING COMPANY

LOAD	CO	MPLETE DESCRIPTION OF	SHIPMENT	TRANSPORTING COMPANY					
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
l	ENCANA	Clean Fill Soil.	-	10	_		DTOZ	1040	Minjo Sories
2	2-R	SOIL.	-	10	-		DHOZ	1400	Minor Arego
				20					0
RESUL				1 1	E	L NOT	ES		
/	CHLORIDE TEST	EMPLOYEE GO	uyh	Coli	inso	n-			
	PAINT FILTER TEST	Certification	of above re	eceival & pla	acement	1. S. S.			
ly sign he abo	ing as the driver/transpo ve mentioned Generator	orter, I certify the material h /Point of Origin and that no	auled from additiona	the above I material I	location ha	s not been a ded or mixe	dded to or tampe d into the load.	red with. I certi	fy the material is from

Generator Onsite Contact		Phone					
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy		
						san plan reproduction 578-126	
			and the second se		and the second s	Reportation of Automatical	

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LOAD NO.

GE PC TR	ATE 9-8.	Keller 15 JOB	#11195-0191
	TRANSPOR	RTING COMP	ANY
#	TRK#	TIME	DRIVER SIGNATURE

PHONE: (505) 632-0615 · 5796 U.S. HIGHWAY 64 · FARMINGTON, NEW MEXICO 87401

COMPLETE DESCRIPTION OF SHIPMENT

	TRANSPORTING COMPANY								
s	TKT#	TRK#	TIME	DRIVER					
-	~~~~	Dt.03	1116	Jeli					

NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE	
(ENCONA Lybrook 02R	CleanFillSal	-	10	-		Dt.03	1116	Jelin Binn	
2	ч	h	-	10	-	-	DT-03		Jahrom	
			-	20	_				0	
						1 21				
RESULTS LANDFARM A A A S NOTES										
/	CHLORIDE TEST	EMPLOYEE (TO	up 1:	lob	inso	7				
/	PAINT FILTER TEST Certification of above receival & placement									
Du alan	ing as the driver/transpor	tor I cortify the motorial h	nulad from	the chouse	location b	no mot hoom o	Idad to an tame	and southly 1 was at		

Generator Onsite Contact	Pho	Phone			
Signatures required prior to distribution of the legal document.	DISTRIBUTION: White - Company Rec	ords, Yellow - Billing, Pink - Customer, Ge	oldenrod - LF Copy		
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52997 MANIFEST # GENERATOR Envirotec POINT OF ORIGIN Land + turm ellen O TRANSPORTER DATE JOB

san juan reproduction 578-126

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TRANODORTINO OR

LOAD	COMP	PLETE DESCRIPTION O	F SHIPMENT	TRANSPORTING COMPANY					
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1.	Encana Cyloniik.02.R	Clean. Soit	-	10	6		DT-2	8:25	Emerson
2		11 11	-	10	-		Dt.2	1132	Emerson En- Enerson
3	N.	U	-	10	-		DT-02	1445	Enerson
				30					
RESUL	TS					-0 NOT			
HEBUL	CHLORIDE TEST	LANDFARM	16		ho	S			
/	PAINT FILTER TEST	Certificatio	n of above re	ceival & pl	acement				
the abo	ing as the driver/transport ve mentioned Generator/F	er, I certify the material	hauled from	the above	e location ha	is not been a Ided or mixed	d into the load.	red with. I cert	ify the material is from

Signatures required	prior to	distribution of the legal de	ocument. DISTRIBUTION:
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White - Company Records. Goldenrod - LF Copy Yellow - Billing, Pink - Customer.



MANIFEST # 53001
GENERATOR C. Tech
POINT OF ORIGIN Land Farm
TRANSPORTER Kelley ou Field
DATE 9.10-15 JOB # 11195-019

LOAD	COMPLETE DESCRIPTION OF SHIPMENT									TRANSPORTING COMPANY				
NO.	DESTINATION		N	MATERIAL		GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE		
1	ENCONALYbrook	2R	Clea.	n Fill	15012	-	20	~	-	Dt 02	800 -	Pencio e		
2	11	1)	11	11	17	-	20	-	-	Dtoz	1145_	12.000 -		
3	11	ly.	11	11	11	-	12	-		D+03	1420	De fini Bonna		
4	ч	a	4	e.	4	(20	-	_	02	15:25	Fruce		
							177							
							10							
RESU	_TŞ			FARM	1		01	-	S NOT	TES				
-	CHLORIDE TEST EMPLOYEE MAN CHLORIDE TEST							3 -						
/	PAINT FILTER			1000			eceival & pl					ify the material is from		

By signing as the driver/transporter, I certify the material hauled from the above location the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact	3	Phone					
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy		
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MANIFEST # 53007 GENERATOR E fech POINT OF ORIGIN Land Farm. TRANSPORTER Kelley ou Field DATE 9-11-15 JOB # [195-0(9]

LOAD	COM	PLETE DESCRIPTION OF	SHIPMENT	Г		TRANSPORTING COMPANY			
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Encona Lybrook 2R	CleanFillson	1	20	l		Dtoz	0745	AFRAND E
2	4 11	v 1/ 1/	2	12		-	D+03	1000	Emerson
3	11 01	11 11 11	_	20		-	D+02	1048	Janua 1
4	u	U		10		_	DT-03	1350	Emme
5	u u			20	-		02	14:00	TENUIO T
le	ei li	u k	-	20	-		02	17:15	SEVENO C
				102					
				102					
				0					
RESUL	TS		1	1		S NOT	ES		
-	CHLORIDE TEST	EMPLOYEE /10	unf	oll	nso	7-			
/	PAINT FILTER TEST	Certification	1						

Generator Onsite Contact		Phone				
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
			and Descention	-		san juan reproduction 578-126



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Bill of Lading

MANIFEST #	53011	e-			
GENERATOR	Envin	stech			
POINT OF OR	IGIN La	nelfer	m		
TRANSPORTE	R Kell	ey Oil	Field	(Servic	2
DATE 9-1	2-15	JOB # _	11195-	-0191	

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

COMPLETE DESCRIPTION OF SHIPMENT TRANSPORTING COMPANY LOAD NO. DESTINATION MATERIAL GRID YDS BBLS TKT# TRK# TIME DRIVER SIGNATURE Encana - Upprove Clean full 20 5125 7:15 2.12 4 11 41 4 20 7:15 501.5 330M Encano Clean fill 7:30 Cybroll-2.R 20 503.5 _ 11 1 11 11 4. DTOS 8110 10 Shance Bour 4 4 5, CI 4 DT-2 20 9140 4 u N 4 602.2 20 10.20 10. Encang clean fill 10:50 501.2 20 yproll-2R 4 11 11 1 20 8. 503.5 10:50 U U 11 61 11:20 DTO3 D bhunce Garang 160 1a Libnote - 2R NOTES RESULTS LANDFARM CHLORIDE TEST EMPLOYEE Certification of above receival & placement PAINT FILTER TEST

Generator Onsite Contact Phone Signatures required prior to distribution of the legal document. DISTRIBUTION: White - Company Records, Yellow - Billing, Pink - Customer, Goldenrod - LF Copy san wan recorduction 578,126



MANIFEST # 53013 GENERATOR ENVIROTECH POINT OF ORIGIN LANDEARM TRANSPORTER KELLY OILFIELD DATE 1252915 JOB # 11195-0191

PHONE	: (505) 632-0615 · 5796	U.S. HIGHWAY 64 · FARM	INGTON,	NEW MEX	ICO 8740	1	DATEIDSEPIS	JOB #	11195-019		
LOAD	CON	PLETE DESCRIPTION OF	SHIPMENT	ſ	A. See.		TRANSPORTING COMPANY				
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE		
1	ENCANA LYBROOK 2R	CLEAN FILL		20	8		07-02	1225	Jano 7		
2	W	CLEAN FOL		20			502-5	1330	Minor foring		
3	IV.	CLIAN FILL		20		2	501-5	1405 -	Bachul		
4	(c	CLEAN FRL		20			503-5	1415	Culistic		
5	11	CLEAN FILL		10			DT-03	1445	DhumeBaum		
le	u.	CLUAN FILL		20			DT-02	1510-	Eno T		
7	u	CLEAN FILL		20			DT-02	1810	Jours C		
			-	130							
RESUL	TS CHLORIDE TEST	LANDFARM EMPLOYEE	2			S	NOTES				
/	PAINT FILTER TEST	Certification	of above re	eceival & pla	acement	4		-			
		orter, I certify the material h						red with. I certi	fy the material is fron		

Generator Onsite Contact	4 Jun 19	Phone					
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy		
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MANIFEST # 53015 GENERATOR <u>ENGANA</u> POINT OF ORIGIN <u>ENGANA</u> TRANSPORTER <u>KELLY OILFULD SOMVESS</u> DATE <u>9-12-15</u> JOB # <u>11195-0191</u>

LOAD	COMPLETE DESCRIPTION OF SHIPMENT							TRANSPORTING COMPANY					
NO.	DES	TINATION	MATE	ERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE		
	ENERA	A 2R	ELFRI	V FiH		20			5015	7:00-	Bachul		
2		~	1.6	17		20			502-5	72.05	Minor Sougo		
3	11	57	11	ņ		20			503-5	7:10	Colasb		
4	n	n	17	12		10			p703	1:56	thmin Bonna		
5	N	1	r	11		20			27+2	8:45	Jenero =		
6	d	<i>v</i>	"	11		20			5015	10:30 .	Bachul		
50	п	Ý	И	11		20			5025	し、承の	Minor Anigo		
8	11	,	7,	۲		20			203 5	10:50	anlungst		
9	H	H	n	11		10			DT #3	11:35-	Johnnie Bunn		
10	. 07	4 <	17	42		20			27#2	11:43.	Towne T		
RESUL	TS		LANDFA	BM		180)	AN	OTES		C		
/	CHLOR	IDE TEST	EMPLOY		E Car	Kell				en men der begrechten mer			
/	PAINT F	ILTER TEST		Certification	of above r	eceival & pl	acement				ALC: NO		

Generator Onsite Contact					
DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
					san juan reproduction 578-126
	DISTRIBUTION:	DISTRIBUTION: White - Company Records,	DISTRIBUTION: White - Company Records, Yellow - Billing,		DISTRIBUTION: White - Company Records, Yellow - Billing, Pink - Customer, Goldenrod - LF Copy



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COMPLETE DESCRIPTION OF SHIPMENT

MANIFEST # 53017 GENERATOR ENVIROTECH POINT OF ORIGIN LANDPARM TRANSPORTER KELLY OJA CARD DATE 13 SEP 15 JOB # TRANSPORTING COMPANY

LOAD	COMIT						110 0000		
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	ENCANA LYBROOK 2R	CLEANFILL		20			501-5	1400 -	Barchul
2	ι.	11		20			502-5	1400	Netionstriego
3	u	ч		20			503-5	1415	asso
4	W.	ц		20			DT-2	1435	PETLIO P
5	N	U.		10			DT-3	1455 ;	Themid m.
4	u	W		20			DT-2	1740	FINUE
				110					
RESUL	TS		7.			NOTE	ES		
/	CHLORIDE TEST	EMPLOYEE	-			0			
/	PAINT FILTER TEST	Certification	of above re	eceival & pla	acement				

Generator Onsite Contact		Phone					
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy		
						san also reproduction 570,190	



MANIFEST # 53040
GENERATOR Enviratech
POINT OF ORIGIN LAND TARM
TRANSPORTER FEILY OIL FICID
DATE 9-15-15 JOB # 1195-019

LOAD	COM	TRANSPORTING COMPANY							
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
2	LYBROIK 2R	CICAN Fill	-	10	1		03	7:00	Jeliz Bin
2	4 U	4 4	-	20	-	-	02	11:05	an
				30					
							-		
RESU			how	4		S NO.	TES		
/	PAINT FILTER TEST	Certification	of above r	eceival & pl	acement				
By sign	ning as the driver/transpo	rter, I certify the material Point of Origin and that n	nauled from o additiona	n the above al material	e location h has been a	as not been a	added to or tamp ed into the load.	pered with. I cer	tify the material is from

Generator Onsite Contact				I	Phone	
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
						san juan reproduction 578-12



MANIFEST # 53054 GENERATOR E-tec POINT OF ORIGIN Land TRANSPORTER Kelly oil F DATE 9-16-

LOAD							TRANSPORTING COMPANY				
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER-SIGNATURE		
(ENCONE Lybrook 2R	alean Fil	13:2-	20	-		5015	1011	Bachel-		
2	u u	4	4 -	10	-		D+03	1139	John Zom-		
3	u u	er en	4	20	~		02	13:55	Snerson		
4	u u	4	a _	20	-	-	501	14:10	Smerson Bachul		
· ·			-	TO							
		¥.									
_											
		_									
RESUL	F	LANDFARM	0	0	0.	& NOT	ES				
	CHLORIDE TEST	e l	Gal	y Ko	bin	Don	ų.				
/	PAINT FILTER TEST	Certifi	ication of above r	ceival & pl	acement						

Generator Onsite Contact				F	Phone	
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
						san juan reproduction 578-126



MANIFEST # GENERATOR	530! Em	4 M	4		
POINT OF OR	IGIN (Land.	fan	n	
TRANSPORTE		lering			
DATE 9-1	7-15	_ JOB #	ŧ <u> </u>	15-0	17/

OAD		COM	PLETE DESCR	IPTION OF	SHIPMENT	Г		TRANSPORTING COMPANY					
NO.	DESTI	NATION	MATER	RIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE		
(,	Encome		Clean	foll	-	20	-	-	DT.02	700	Enersual		
2.	i	ч	v	ι(-	20		_	501.5	700 -	Bachrel		
3.	ιι	и	u	د(1	20	-		502.5	700	Minion Societa		
Ц.	ιι.	u	ci	い(_	20		-	503.2	700 F	John Bun.		
5,	Encano	ook2R	Clean	たい	-	10	-		DTCO3	700 (Ronot		
6	11	11	11	11	-	20			Dtoz	1055	Enerson		
7	11	11	11	1,	-	20	~		5015	1120	Sotal		
G	11	((4	11	-	20	-	_	5025	1140	Minin Sonega		
9	11	11	10	11	-	20	-	-	503	11:55	Ront.		
10	1(l,	11	11	-	10	-		03	12:25	Johnsbournen		
RESUL	.TS			N	0	180		NOTE	ES				
/	CHLORID	E TEST	EMPLOYE		X	A	fre						
/	PAINT FIL	TER TEST		Certification	of above re	eceival & pl	acement	-	L.				

Generator Onsite Contact					Phone	
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
						and house of the



MANIFEST #	53063	3	
GENERATOR			
POINT OF OR	IGIN LAN	FARM	
TRANSPORTE	R KEILY	oil Fie	1D
DATE 9-17-	15'	JOB #	11195-019/

LOAD	COM	PLETE DESCRIPTION OF	SHIPMENT		TRANSPORTING COMPANY				
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
I	ENCANA LUBROCK 2R	cican Fill		20		_	02	14:15	Eneven
2	d u	e a	-	20		-	501	14:30-	Eachal
3	er u		-	20	-)	502	15:05	Min Stringer
	li k	4	-	20			503	15:20	Ront
5	v u	ü ü	-	10		-	03	16:35-	Thurson
6	a u	Y d		20	-		502	18:00	Ministrieg
7	4 4	4 el	-	20	~		503	18:45	Ront
				130					
RESUL	тѕ				EL	NOTE	S		
/	CHLORIDE TEST	EMPLOYEE	ve	1-	6-				
/	PAINT FILTER TEST	Certification							

Generator Onsite Contact				F	Phone	
Signatures required prior to distribution of the legal document.	DISTRIBUTION:	White - Company Records,	Yellow - Billing,	Pink - Customer,	Goldenrod - LF Copy	
						san juan reproduction 578-126



MANIFEST #	53068			
GENERATOR	Envi	No toe	k	
POINT OF OR	IGIN LC	unelfi	own	
TRANSPORTE	R Kell	4400	Tode	lSen
DATE _ 9-1	8-15	JOB #	1195-	019/

LOAD	COM	PLETE DESCRIPTION OF	SHIPMENT			TRANSPORTING COMPANY					
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE		
1.	Lybrock 2'R	Clean fril	1	20	-		504.5	800-	Service T		
2	h	((-	20	-	-	DT-2	1015	Ê		
3	a u		1	20	-		504	11:05	France T		
4	n U	1 11		20	-		503	11:35	Rad		
-	- void to	his lin	0						Successon		
5	d ú	ci a	-	20	1	-	504	14:30	SERVIC T		
				100							
RESUL	TS	LANDFARM	0				S				
/	CHLORIDE TEST	EMPLOYEE	14	X	ns	> 0		•			
/	PAINT FILTER TEST	Certification	of above re		acement						

Generator Or	nsite Cor	ntact											P	hone			_
Signatures r	requirea	l prior to	distributio	n of the le	egal docui	ment.	DISTRIBUTION:	White	- Company Re	ecords,	Yellow - Billing,	Pink - Cu	stomer,	Goldenrod - l	F Copy		
-										-						san juan rep	production 578-126

1625 N. French DL., Hobbs, NAI 88240 Disbit II Disbit II Bill S. First St., Artesia, NM 88210 District III 1000 Rao Buzzos Read, Aztec, NM 87410 District IV 1220 S. St. Fanacis Dr., Santa Fe. N.M 87505 Energy Minerals and Natural Resources 195 -019/ Revised August 1. 2011

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

*Southere Waste Management Pacifity Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE
1. Generator Name and Address: Encana Oil and Gas (USA) Inc., 6584 E Main St., Farmington, NM 87402
2. Originating Site; Location Name: Lybrook No. 002 R
3. Location of Material (Street Address, City, State or ULSTR): UL/Lot: I Section 22 T 24 N R 07 W
4. Source and Description of Waste: inde al Cuntaninated Soil & gravel from toduction Spill. 7/22/2015
Estimated Volume 00 (yd) bbls Known Volume (to be entered by the operator at the end of the haul) 40/5 yd3/bbls
Survey GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS 1. Tucker Smith representative or authorized agent for Encana Oil & Gas (USA) Inc. do hereby
certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 19 regulatory determination, the above described waste is: (Check the appropriate classification)
RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non exempt waste. Operator Use Only: Waste Acceptance Frequency [] Monthly [] Weekly [] Per Load
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Chat the appropriate items)
MSDS Information RCRA Hazardous Waste Analysis X Process Knowledge Other (Provide description in Box 4) GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS Tucker Smith representative for Encana Oil & Gas (USA) Inc. authorize Envirotech to complete the required testing/sign Generator Signature the Generator Waste Testing Certification. I. Kend Runner the Generator Waste Testing Certification. I. Kend Runner the Generator Waste Testing Certification. I. Mathematication of the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.
5. Transporter: Various Celley Oil Lelo OCD Permitted Surface Waste Management Facility
Name and Facility Permit #: Envirotech Inc. Soil Remediation Facility Permit # NM-01-0011
Address of Facility: #43 Road 7175. South of Bloomfield NM
Method of Treatment and or Disposal.
Evaporation [] Injection [] Treating Plant M Landfarm [] Landfill [] Other
Waste Acceptance Status:
DAPPROVED DENIED (Must Be Maintained As Permanent Record
SIGNATURE: Kunder Warder Vander Barter Condinator DATE: Codo- SIGNATURE: Kunder Warder Vander Barter Condinator DATE: Codo- HELEPHONE NO.: 505-1032-0615
0

1625 N. French Dr., Holdst NAI 88240 Dottict II 811 S. Tinst St., Antesia, NAI 88240 District III 1000 Ruo Brazos Road, Aztec, NM 87410 District DV 1220 S. St. Francis Dr., Sama F.; NM 87505 Energy Minerals and Natural Resources

PUBLIC -1.55 Revised August 1, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fc, NM 87505 "Surface Waste Management Facility Operator and Generator shall maintain and mule this documentation available for Division inspection

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE 1. Generator Name and Address: Encam Oil and Gas (USA) Inc., 6584 F. Main St., Farmington, NM 87402 JULY 2015 2. Originating Site; Location Name: Lybrook No. 002 R Location of Material (Street Address, City, State or ULSTR): 3. 124 N 107W UL/Lot: T Section 22 4. Source and Description of Waste: (nucle al Cuntamirated Soil & gravel from moduction Spill 8-22-2015 + 7-22-2015 to GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS licuments representative or authorized agent for Encana Oil & Gas (USA) Inc. **Tucker Smith** do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination. the above described waste is: (Check the appropriate classification) CRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with nonexempt waste. Operator Use Only: Waste Acceptance Frequency [] Monthly [] Weekly [] Per Load RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items) □ MSDS Information □ RCRA Hazardous Waste Analysis X□ Process Knowledge □ Other (Provide description in Box 4) CENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS T. Tucker Smith , representative for Encana Oil & Gas (USA) Inc. authorize Envirotech to complete the required testing/sign Generator Signature the Generator Waste Testing Certification. . representative for Envirotech Inc. do hereby certify that representative samples of L the officid waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC. 5 Transporter: elley Oitheld Various OCD Permitted Surface Waste Management Facility Name and Eachity Permit # 1-invirotech Inc. Soil Remediation Facility - Permit + NM-01-0011 Address of Facility #43 Road "175 South of Bloomfield NM Method of Instituent and or Elisposal [] Evaporation [] Injection [] Freating Plant [V Landfarm [] Landfill [] Other Waste Acceptance Status: V APPROVED DENIED (Must Be Maintained As Permanent Record) MENNINH Eric Liese 1111 Landform Administrator 111 7-22-15 111 PHONE NO 505-632-0615 tabults, summarial vests

District J 1625 N. French Dr., Hobbs, NMI 88240 District JI 811 S. First St., Artesun, NM 88210 District III 1600 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

11195-0191 Rev

Form C-138 Revised August 1, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 *Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE
1. Generator Name and Address: Encana Oil & Gas (USA) Inc. 6584 E Main St., Farmington, NM 87402
2. Originating Site: Well Name: Lybrook 002R Sept 2015
3. Location of Material (Street Address, City, State or ULSTR): UL/Lot: I Section: 22 Township: 24N Range: 07W
4. Source and Description of Waste: Crude Oil contaminated soil and from spill on E&P Production location. Spill was from an overflowed production tank. 9/1/2015 to 10/1/2015
Estimated Volume $1,000$ yd ³ /bbls Known Volume (to be entered by the operator at the end of the haul) 1374 (yd ³)bl
5. Jucken fruction GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS I,
RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non exempt waste. Operator Use Only: Waste Acceptance Frequency I Monthly I Weekly I Per Load
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardou characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Chathe appropriate items)
□ MSDS Information □ RCRA Hazardous Waste Analysis □ Process Knowledge □ Other (Provide description in Box 4)
Encana Oil & Gas (USA) Inc. authorizes Envirotech, Inc. to complete the Generator 19.15.36.15 Waste Testing Certification Statement. Tucker Smith Mickin Jmith
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS I
5. Transporter: Kelley Oilfield Svc
OCD Permitted Surface Waste Management Facility Name and Facility Permit #: Envirotech Inc. Soil Remediation Facility Permit #NM-01-0011
Address of Facility: Hilltop, New Mexico
Method of Treatment and/or Disposal:
Evaporation Injection Treating Plant A Landfarm Landfill Other
Waste Acceptance Status:
SIGNATURE: Surface Wiste Management Facility Authorized Agent TITLE: Landfacen Adm. nisteater DATE: 9-9-15 TELEPHONE NO.: 505-632-0615