District I
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

Responsible Party: Encana Oil and Gas (USA) Inc.

State of New Mexico Energy Minerals and Natural Resources Department

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

Form C	-141
Revised August 24	, 2018
Submit to appropriate OCD District	office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

OGRID: 282327

Contact Name: Paul Buck		Contact Te	lephone: 720-8	376-3513			
Contact email: paul.buck@encana.com			Incident #	(assigned by OCD))		
Contact mailing address: 370 17th St., Ste 1700 Denver, CO 80202			WF 18218	33715			
Latitude 36.2	47118°	Longitude: -1				ource	
Site Name: L	ybrook A12	-2306 01H			Site Type:	Tank Battery	
Date Release	Discovered	7/28/2018			API# (if app	licable): 30-039-3	1219
Unit Letter	Section	Township	Range		Coun	ty	7
A	12	23N	6W	Rio	arriba		
Crude Oi	Materia	Federal Tr	Nature and	d Vo	lume of F	justification for the	e volumes provided below) overed (bbls): 5.0
□ Produced		Volume Release					overed (bbls): 70
		Is the concentration of dissolved chloride in the produced water >10,000 mg/l?		e in the	☐ Yes ☐ N	No	
Condensa	nte	Volume Released (bbls)			Volume Reco	overed (bbls)	
Natural C	as	Volume Released (Mcf)			Volume Reco		
Other (de	Other (describe) Volume/Weight Released (provide units))	Volume/Wei	ght Recovered (provide units)		
Cause of Rel	ease: Lightn	ling Strike					NMOCD
							OCT 3 1 2018
							DISTRICT III_

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the responding was a release of greater than 25 barres	
19.15.29.7(A) NMAC?		
⊠ Yes ☐ No		
ICVEC immediate n	otice given to the OCD2. By whom? To wh	nom? When and by what means (phone, email, etc)?
	Encana to Cory Smith of the OCD by phone	
	Initial Ro	esponse
The responsible	party must undertake the following actions immediatel	y unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
☐ The impacted area ha	s been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or o	likes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and	d managed appropriately.
If all the actions describe	d above have <u>not</u> been undertaken, explain	why:
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.
regulations all operators are public health or the environi failed to adequately investig	required to report and/or file certain release noti ment. The acceptance of a C-141 report by the C gate and remediate contamination that pose a three	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name:		Title:
Signature:		Date:
email:		Telephone:
OCD Only		
Received by:		Date:
-		

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	51-100 (ft bgs)			
Did this release impact groundwater or surface water?	☐ Yes ☒ No			
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No			
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No			
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No			
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No			
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No			
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No			
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No			
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No			
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No			
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.				
Characterization Report Checklist: Each of the following items must be included in the report.				
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody				

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Printed Name:	Title:	
Signature:	Date:	
email:	Telephone:	
OCD Only		
Received by:	Date:	

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be	included in the plan.
Telline and the second	<i></i>
Detailed description of proposed remediation technique	
Scaled sitemap with GPS coordinates showing delineation point	S
Estimated volume of material to be remediated	
Closure criteria is to Table 1 specifications subject to 19.15.29.1	2(C)(4) NMAC
Proposed schedule for remediation (note if remediation plan tim	
<u>Deferral Requests Only</u> : Each of the following items must be con	firmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around predeconstruction.	oduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health	, the environment, or groundwater.
	e to the best of my knowledge and understand that pursuant to OCD
	ertain release notifications and perform corrective actions for releases
which may endanger public health or the environment. The acceptant	
liability should their operations have failed to adequately investigate	
surface water, human health or the environment. In addition, OCD a	
responsibility for compliance with any other federal, state, or local la	aws and/or regulations.
Printed Name:	Title:
Signature:	Date:
email:	Telephone:
OCD Only	
Received by:	Date:
☐ Approved ☐ Approved with Attached Conditions of	Approval
Signature:	Date:

State of New Mexico Oil Conservation Division

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.



Site and and Sampling Diagram



LEGEND

- 9 Section 1
- Section 2
- v Under Liner
- x Sample Locations

SITE MAP Encana

Lybrook A12 2306 SECTION 12, TWP 23 NORTH, RANGE 6 WEST RIO ARRIBA COUNTY, NEW MEXICO



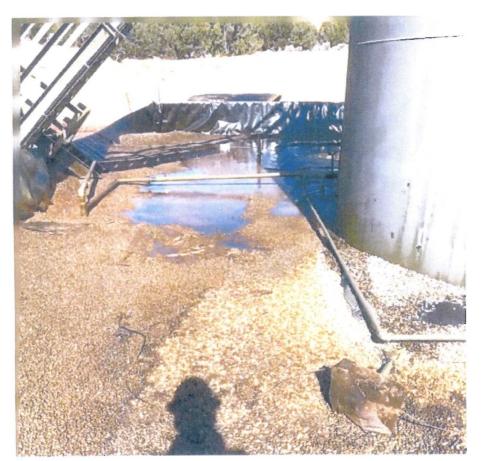
5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615



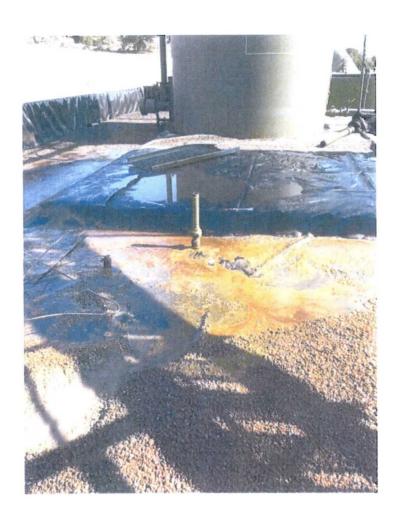
Photographs of Remediated Site prior to Clean Up









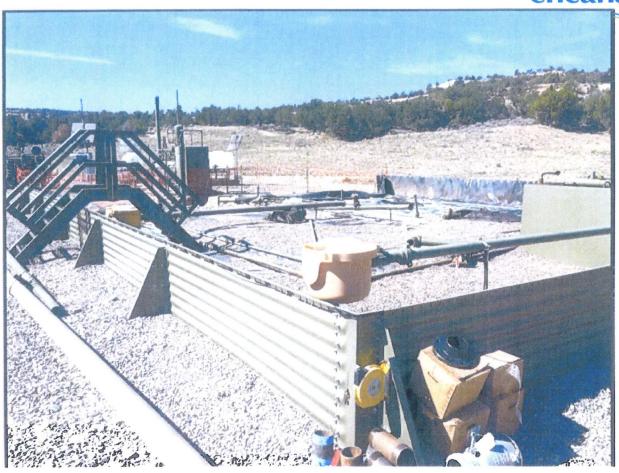








encana





Labaratory Analysis



September 17, 2018

Project Number: 11195-0228

Mr. Steven Merrell Encana Oil & Gas (USA) Inc. 6584 E. Main Street Farmington, NM 87402

Email: steven.merrell@encana.com Phone: (505) 634-6490

RE: CONFIRMATION SAMPLING DOCUMENTATION FOR THE LYBROOK A12 2306 01H UNIT A WELL SITE, RIO ARRIBA COUNTY, NEW MEXICO

Dear Mr. Merrell:

Enclosed please find the *Vicinity Map*, *Site Map*, *Sitting Criteria Map*, *Field Notes*, *Summary of Analytical Results*, and *Analytical Results* for confirmation sampling activities performed at the Lybrook A12 2306 01H Unit: A well site located in Section 12, Township 23 North, Range 6 West, Rio Arriba County, New Mexico (Site); see *Vicinity Map*. Upon Envirotech personnel's arrival on August 16, 2018, a brief site assessment was conducted. A wash was visualized to the east of the site and depth to groundwater is estimated to be between 51-100 feet below ground surface (bgs) at the wash. Based on groundwater being between 51-100 feet below the area of release and the area of release not being with in the sitting criteria referenced in the New Mexico Administrative Code (NMAC) 19.15.29.12(4)(a-h). The regulatory standards for the site were determined to be 2,500 mg/Kg total petroleum hydrocarbons (TPH), 50 mg/Kg BTEX, 10 mg/Kg benzene, and 10,000 mg/Kg chlorides pursuant to *Table I* of 19.15.12 NMAC.

Prior to Envirotech's arrival on August 16, 2018, the affected area had been hydroexcavated. The hydroexcavation was divided into three (3) sections identified as: Inside Containment, East of Ladder, and South of Ladder. The Inside Containment section measured approximately six (6) feet by four (4) feet by two (2) inches to three (3) feet below ground surface (bgs). The East of Ladder section measured approximately four (4) feet by three (3) feet by one (1) foot to three (3) feet bgs. The South of Ladder section measured approximately five (5) feet by four (4) feet by one (1) foot to two (2) feet bgs. One (1) five (5) point composite sample was collected from the three (3) sections of the excavation. After visually inspecting the liner, a hole was found. The liner was peeled back, and the contaminated soil was removed using a hand shovel. One (1) three (3) point composite sample was collected (Under Liner). The samples were screened in the field for organic vapors using a photoionization detector (PID). The Inside Containment sample returned results of 2.5 ppm OV, the East of Ladder sample returned results of 0.0 ppm OV, the South of Ladder sample returned results of 9.7 ppm OV, the *Inside Containment* sample returned results of 2.5 ppm OV, and the Under Liner sample returned results of 41.4 ppm OV; see Field Notes, Encana elected to postpone confirmation sampling until further excavation of the impacted area and additional work to the site was completed.

Envirotech returned to the site on August 29, 2018 to perform confirmation sampling activities. Prior to Envirotech's arrival, the affected area had been further hydroexcavated. The excavation was divided into two (2) sections: Section1 and Section 2. Section 1 measured approximately



Page 2

twelve (12) feet by four (4) feet by one (1) foot to three (3) feet bgs. Section 2 measured approximately eight (8) feet by three (3) feet by two (2) feet bgs. The area under the liner (Under Liner) was also excavated to the extents of approximately two (2) feet by one (1) foot by six (6) inches bgs. One (1) five (5) point composite sample was collected from Section 1, Section 2, under the liner, and along the western edge of the location (Bladed Area) due to splatter from the tank and the manifold located on top of the tanks when they broke apart with New Mexico Oil Conservation Division (NMOCD), Mr. Cory Smith, and Bureau of Land Management (BLM) representative, Mr. Abiodun "Emanuel" Adeloye, as witnesses; see Field Notes and Site Map. The samples were screened in the field for organic vapors using a PID. All four samples returned results of 0.0 ppm OV. The samples were placed into individual laboratory provided four (4) ounce jars, capped headspace free, and transported on ice under strict chain of custody to Envirotech's Analytical Laboratory to be analyzed for TPH (DRO/GRO/ORO) using USEPA Method 8015D, benzene and total BTEX using USEPA Method 8260B, and chlorides using USEPA Method 300.0. The samples returned results below the regulatory standards all constituents analyzed; see enclosed Analytical Results and Summary of Analytical Results. Envirotech, Inc. recommends No Further Action in regards to this incident.

A total of 196 barrels of hydrocarbon contaminated gravel and soil from within the lined containment and the impacted soil outside the containment was disposed of at Envirotech's New Mexico Oil Conservation Division (NMOCD) permitted facility, Landfarm #2; see enclosed *Bills of Lading*.

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

Respectfully submitted, ENVIROTECH, INC.

Brittany Hall

Environmental Field Technician bhall@envirotech-inc.com

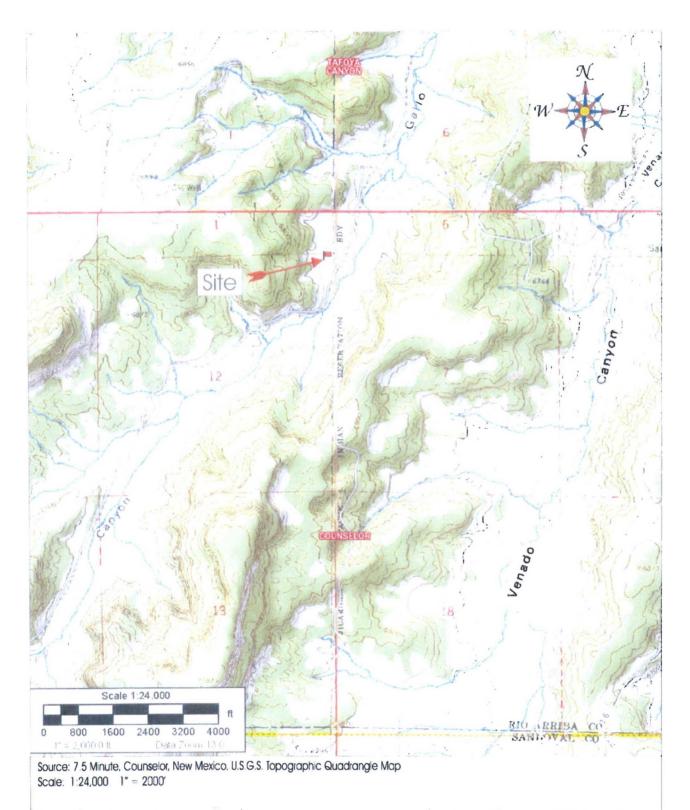
Enclosure(s):

Vicinity Map Water Well Map Site Map Sitting Criteria Map

Field Notes Summary of Analytical Results

Analytical Results Site Photography Bills of Lading

Client File Number 11195



Encana Lybrook A12 2306 Well Site 36.24702951 N, -107.4118638 W Rio Arriba County, New Mexico

Project Number: 11195-0228 | Date Drawn: 08/20/18



5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615

Vicinity Map

Figure #1

DRAWN BY: **Brittany Hall** PROJECT MANAGER: Felipe Aragon



SCALE:

NTS

LEGEND

- Section 1
- & Section 2
- & Under Liner
- x Sample Locations

SITE MAP Encana

Lybrook A12 2306 SECTION 12, TWP 23 NORTH, RANGE 6 WEST RIO ARRIBA COUNTY, NEW MEXICO

PROJECT NO.11195-0228 FIGURE NO. 2

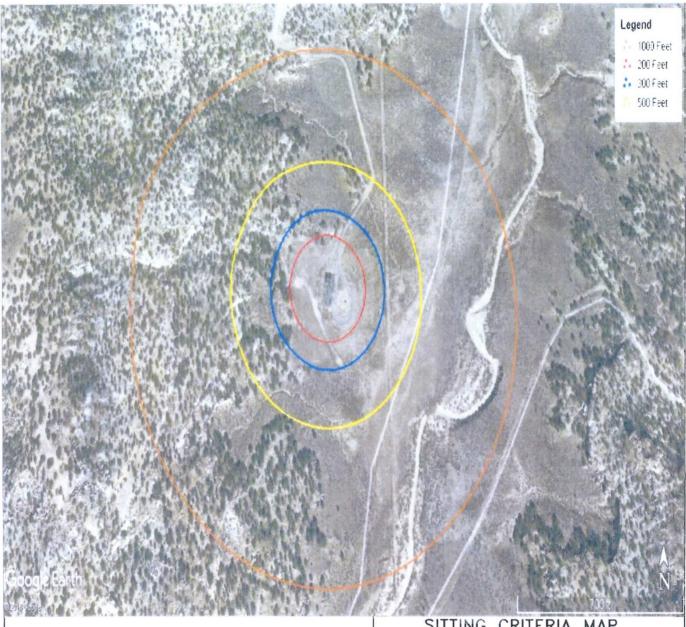
REVISIONS

NO. DATE BY DESCRIPTION

MAP DRWN BH 8/30/18 BASE DRWN BH 8/30/18



5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615



SCALE:

LEGEND

- 200 Feet
- ○300 Feet
- 500 Feet
- 1,000 Feet

SITTING CRITERIA MAP Encana

Lybrook A12 2306 SECTION 12, TWP 23 NORTH, RANGE 6 WEST RIO ARRIBA COUNTY, NEW MEXICO

REV

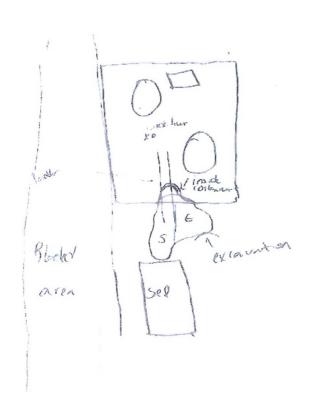
| FIGURE NO. 3 | REVISIONS | NO. DATE | BY | DESCRIPTION | MAP DRWN | BH | 8/30/18 | BASE DRWN | BH | 8/30/18 | 8/30/18 | BASE DRWN | BH | BASE DRWN | BASE DRWN | BASE DRWN | BH | BASE DRWN | BASE DRWN | BA



5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

CLIENT:	Gream	λ.					Enviitl. Sp	elst:	FJ Ge	4
CLIENT/JOB #:	11195-	0238	(envi	rotec	h	C.O.C. No:			
START DATE:	8/10/18		WA	(505) 632-061			LAT		34.2	14702951
FINISH DATE:			57	36 U.S. Hwy 64,	Farmington, N	E 37401	LONG		107	.4118638
Page#		of								
		Fie	ld Repo	rt: Spill C	losure Ve	erificatio	n			
NMOCD Ranking:				Depth to	GW:		WH Protec	tion Area:	No	Yes
NMOCD TPH Clos				CONTRACTOR OF THE PROPERTY OF	SW: 555	THE PARTY OF THE P				
LOCATION:	Name: U	ubrok	412		Well #:2301	e1H		API: 30-	039-3	Dia
		is writ			State: N M					
Cause of Release: QUAD UNIT	lighten	my Sto	to	Material Re	eleased:	Indud	under.	Amt. Relea	sed:	
QUADUNIT	:	SEC:	12	TWP:	23N	RNG:	low	PA	1:	
Wellhead Lat/Long:	andronado coro se elliptorene i saluterario esp		Annual Control of the	d Jurisdiction:	MATERIAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN PARTY.	THE RESIDENCE OF THE PARTY OF T	THE CONTRACT OF STREET AND ADDRESS OF THE PERSON OF THE PE	A STATE OF THE PARTY OF THE PAR		
Spill Located Appro	ximately:	20	FT.		FROM	Ast batt	ny + Si	conden	tasz	-mant
Excavation Approx:	15	FT. X	15	FT. X	2	FT.	Cubic Yard	age:		
Disposal Facility:				por and the	Remediaton I	Method:				
Land Use:				Lease:			Land Owne	r: I-polev	al	
					.1 ANLAYS	The state of the s	_	-		
SAMPLE DESCRI	PITION	TIME	SAMPLE I.	1).	WEIGHT (g)	ml FREON	DILUTION	READING	i C	ALC. ppm
					 		<u> </u>			
				~~~						
				CONTRACTOR AND CONTRACTOR CONTRAC						
				1000 1000 1000 1000 1000 1000 1000 100						***************************************
		OVM R	esults	an a			Lab Testi	ng		
Sample II)	Fred Heat	space PID (ppm)	Sample ID	Field Heads	space PfD (ppm)	Sample ID		Analysis Ty	pe	Lime
Ept Steins	0.00							9015 to	0/6/4	da
Sof Stais	1917	<u> </u>		<del></del>						
Inde Contain	141.	-				-	V			
	1									
	-					-		ļ		
					1				-	





8/10/18- Closure Calls under new rule.

5 pt composite taken from east of ladder
5 pt composite taken from South of ladder
5 pt composite taken from inside containment
5 pt composite taken from blooded are
3 pt composite taken from blooded are
3 pt composite from under liver (where hole was frond)

and will resample when work (additional)

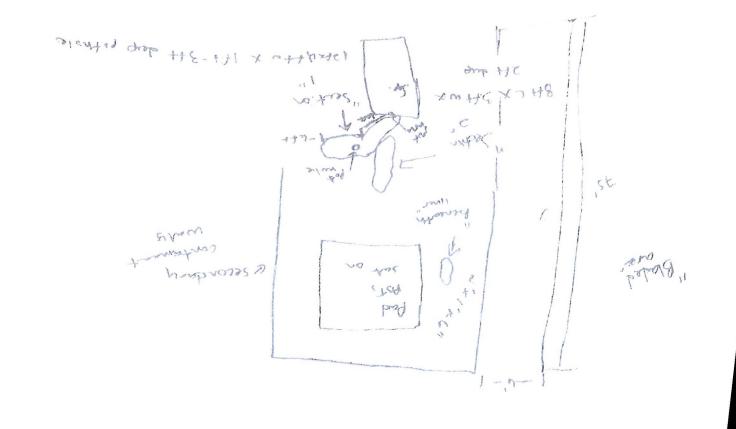
is complete for Steven Mervil.

Evans to be digging but piping to separation of removing repaining demonstrated lines protocoly early right week

East of ladder ~ 4' x3' x 1 foot to 3 for 1 deep

Their contonnect ~ 6' long x 4' wer x 2" to 3' deep

and the second distriction of the first of the first of the second of th	the second of the second secon	The state of the s		CONTRACTOR OF STREET	CONTRACTOR OF THE PARTY OF THE	the state of the s		and a complete and proposition of the same property and the contract of the same of the sa
CLIENT:	name					Envard. Spe	elst:	BHOUL
CLIENT/JOB#:	11195-020-5	130	envi	rotec	h	C.O.C. No:		
	8/20/18	B 100		5 (800) 362-1		LAT	3	14.24 Frags
FINISH DATE:		5796	U.S. Hwy 64,	Farmington, NA	187401	LONG	(1	7.413638
Page#	of							
NEW AND A	Fie	ld Report	: Spill C	losure Ve	rification	0		
NMOCD Ranking:	2500		Depth to	GW:		WH Protect	tion Area:	No Yes
NMOCD TPH Clos	ure Std.:			SW: 555.0				
A STATE OF THE PARTY OF THE PAR	Name Lubrook	673-		Well #: 2-3	Ole IH u	in it is	API: 36"	039-31219
	County: Lio Pri	600		State: NM				
Cause of Release:	lightening Str	ika.	Material Re	leased:	podreco	l acto	Amt. Releas	ed:
	SEC							
Wellhead Lat/Long:		Land J	urisdiction	Ildera 1		QTR Footag	e:	
Spill Located Approx	imately: 10	FI		FROM	AN BH	ry + seu	only .	tramate
	F1. X					-		
				Remediaton N				
Land Use:	and the second s		Lease:			Land Owner	:	
	upout T	F	IELD 418.	1 ANLAYSI	S			
SAMPLE DESCRI	PHION HME	SAMPLE LD.		WEIGHT (g)	mt FREON	DILUTION	READING	CALC. ppm
		ļ						
	OVM F	lesults			1	Lab Testin	ıg	
Sample ID	Freid Headspace PID ppm	Sample ID	Field Heads	pace PIO (ppm)	Sample ID		Analysis Lyr	ie Time
Under hour	0.0	-						
Section	0.0	-						
Section 2	2.0	-	-					
bladed over	100	+						
								The second secon
100000000000000000000000000000000000000			1					The same and the same and the first own and the same and



10724, 7312 2-36' 14.8379 107.24.7311	Section 2
3-36° 14.8373 107. 24.7316 1-36° 14.8368 107 24.7316 5-36° 14.8356 107° 24.7314	
1-36° 14.833 6 107° 24.840 2-36° 14.8337 107 24. 7322 3-36° 14.8347 107° 24.7330	4-34° 14, 8360 107° 24. 7314 5-36° 14. 3367 101° 24. 7319

	3484' ht . 201 958 H . 98
	2058 41 05 p
	368.4.83 ds
	50 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
E 1) S N	11/26/8 anong 1

### Table 1, Summary of Analytical Results

Encana

Lybrook A12 2306 01H Unit A Spill Confirmation Sampling Report Project Number 11195-0228

				USEPA Method	USEPA Method 8260		USEAP Method
		Sample	PID OV	8015 TPH	Benzene		300.0 Chloride
Date	Sample Description	Number	(pp <b>m</b> )	(mg/Kg)	(mg/Kg)	BTEX (mg/Kg)	(mg/Kg)
	New Mexico Oil Conservation						
NA	Division Standards	NA	NA	2,500	10	50	10,000
8/29/2018	Under Liner	1	0	44.8	ND	ND	62.1
8/29/2018	Section 1	2	0	ND	ND	ND	1000
8/29/2018	Section 2	3	0	87.4	ND	ND	229
8/29/2018	Bladed Area	4	0	41.8	ND	ND	79.9

^{*}NS= Not Sampled

^{*}ND= Analyte below detection limit



### **Analytical Report**

### **Report Summary**

Client: Encana Oil & Gas USA

Chain Of Custody Number:

Samples Received: 8/29/2018 12:27:00PM

Job Number: 11195-0228 Work Order: P808054

Project Name/Location: Soil Sampling Lybrook

A12-2306 01 Unit A

Report Reviewed By:	Walter Hinkown	Date:	8/31/18	
	Walter Hinchman, Laboratory Director			
	Tim Cain, Project Manager	Date:	8/31/18	



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.

Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Envirotech, Inc, currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.



Encana Oil & Gas USA Project Name: Soil Sampling Lybrook A12-2306 01 Unit A

 370 17th Street
 Project Number:
 11195-0228
 Reported:

 Denver CO, 80202
 Project Manager:
 Felipe Aragon
 08/31/18 13:59

### **Analyical Report for Samples**

Client Sample 1D	Lab Sample 1D	Matrix	Sampled	Received	Container
Under Liner	P808054-01A	Soil	08/29/18	08/29/18	Glass Jar, 4 oz.
Section 1	P808054-02A	Soil	08/29/18	08/29/18	Glass Jar, 4 oz.
Section 2	P808054-03A	Soil	08/29/18	08/29/18	Glass Jar, 4 oz.
Bladed Area	P808054-04A	Soil	08/29/18	08/29/18	Glass Jar, 4 oz.



Project Name:

Soil Sampling Lybrook A12-2306 01 Unit A

370 17th Street Denver CO, 80202 Project Number: Project Manager: 11195-0228 Felipe Aragon

Reported: 08/31/18 13:59

Under Liner P808054-01 (Solid)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	25.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
Toluenc	ND	25.0	ug kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
Ethylbenzene	ND	25.0	ug kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
p,m-Xylene	ND	50.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
o-Xylene	ND	25.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
Total Xylenes	ND	25.0	ug kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
Surrogate, 1,2-Dichloroethane-d4		104 %	70-	-130	1835008	08/29/18	08/29/18	EPA 8260B	
Surrogate, Toluene-d8		89.8 %	70-	-130	1835008	08/29/18	08/29/18	EPA 8260B	
Surrogate Bromofluorobenzene		103 %	70-	-130	1835008	08/29/18	08/29/18	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1835008	08/29/18	08/30/18	EPA 8015D	
Diesel Range Organics (C10-C28)	44.8	25.0	mg/kg	1	1835009	08/29/18	08/29/18	EPA 8015D	
Oil Range Organics (C28-C40+)	ND	50.0	mg/kg	1	1835009	08/29/18	08/29/18	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	50-	-150	1835008	08/29/18	08/30/18	EPA 8015D	
Surrogate: n-Nonane		120 %	50-	-200	1835009	08/29/18	08/29/18	EPA 8015D	
Anions by 300.0/9056A		***************************************							
Chloride	62.1	20.0	mg/kg	1	1835011	08/29/18	08/29/18	EPA 300.0/9056A	



Project Name:

Soil Sampling Lybrook A12-2306 01 Unit A

370 17th Street Denver CO, 80202 Project Number: Project Manager: 11195-0228 Felipe Aragon

Reported: 08/31/18 13:59

Section 1 P808054-02 (Solid)

			21 02 (00						
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260	*******************					************************		************************	
Benzene	ND	25.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
Toluene	ND	25.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
Ethylbenzene	ND	25.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
p,m-Xylene	ND	50.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
o-Xylene	ND	25.0	ug kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
Total Xylenes	ND	25.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-	130	1835008	08/29/18	08/29/JX	EPA 8260B	
Surrogate, Toluene-d8		89.7 %	70-	130	1835008	08/29/18	08/29/18	EPA 8260B	
Surrogate Bromofluorobenzene		103 %	70-	130	1835008	08/29/18	68/29/18	EPA 8260B	
Nonhalogenated Organics by 8015				***************************************	***************		***********	*****	
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1835008	08/29/18	08/30/18	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1835009	08/29/18	08/29/18	EPA 8015D	
Oil Range Organics (C28-C40+)	ND	50.0	mg/kg	1	1835009	08/29/18	08/29/18	EPA 8015D	
Surrogate. 1-Chloro-4-fluorobenzene-FID		96.9 %	50-	150	1835008	08/29/18	08/30/18	EPA 8015D	
Surrogate n-Nonanc		115 %	50-	200	1835009	08/29/18	08/29/18	EPA 8015D	
Anions by 300.0/9056A									
Chloride	1000	20.0	mg/kg	1	1835011	08/29/18	08/29/18	EPA 300,0/9056A	



Project Name:

Soil Sampling Lybrook A12-2306 01 Unit A

370 17th Street Denver CO, 80202 Project Number: Project Manager: 11195-0228 Felipe Aragon Reported: 08/31/18 13:59

Section 2 P808054-03 (Solid)

			34-03 (30	nu)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260					***************************************				
Benzene	ND	25.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
Toluene	ND	25.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
Ethylbenzene	ND	25.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
p,m-Xylene	ND	50.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
o-Xylene	ND	25.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
Total Xylenes	ND	25.0	ug kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
Surrogate: 1.2-Dichloroethane-d4		105 %	70-	130	1835008	08/29/18	08/29/18	EPA 8260B	
Surrogate: Toluene-d8		89.1%	70-	130	1835008	08/29/18	08/29/18	EPA 8260B	
Surrogate: Bromofluorobenzene		103 %	70-	130	1835008	08/29/18	08/29/18	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1835008	08/29/18	08/30/18	EPA 8015D	
Diesel Range Organics (C10-C28)	87.4	25.0	mgkg	1	1835009	08/29/18	08/29/18	EPA 8015D	
Oil Range Organics (C28-C40+)	ND	50.0	mg/kg	1	1835009	08/29/18	08/29/18	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	50-	150	1835008	08/29/18	08/30/18	EPA 8015D	
Surrogate: n-Nonane		112 %	50-	200	1835009	08/29/18	08/29/18	EPA 8015D	
Anions by 300.0/9056A						~~~~			
Chloride	229	20.0	mg/kg	1	1835011	08/29/18	08/29/18	EPA 300.0/9056A	



Encana Oil & Gas USA Project Name: Soil Sampling Lybrook A12-2306 01 Unit A

 370 17th Street
 Project Number:
 11195-0228
 Reported:

 Denver CO, 80202
 Project Manager.
 Felipe Aragon
 08/31/18 13:59

#### Bladed Area P808054-04 (Solid)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	25.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
Toluene	ND	25.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
Ethylbenzene	ND	25.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
p,m-Xylene	ND	50.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
o-Xylene	ND	25.0	ug/kg	1	1835008	08/29/18	08/29/18	EPA 8260B	
Total Xylenes	ND	25.0	ug/kg	I .	1835008	08/29/18	08/29/18	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-1	130	1835008	08/29/18	08/29/18	EPA 8260B	
Surrogate: Toluene-d8		89.0%	70-1	130	1835008	08/29/18	08/29/18	EPA 8260B	
Surrogate: Bromofluorobenzene		102 %	70-1	130	1835008	08/29/18	08/29/18	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1835008	08/29/18	08/30/18	EPA 8015D	
Diesel Range Organics (C10-C28)	41.8	25.0	mg/kg	1	1835009	08/29/18	08/29/18	EPA 8015D	
Oil Range Organics (C28-C40+)	ND	50.0	mg/kg	L	1835009	08/29/18	08/29/18	EPA 8015D	
Surrogate. 1-Chloro-4-fluorobenzene-FID		95.8 %	50-1	150	1835008	08/29/18	08/30/18	EPA 8015D	
Surrogate: n-Nonane		132 %	50-2	200	1835009	08/29/18	08/29/18	EPA 8015D	
Anions by 300.0/9056A									
Chloride	79.9	20.0	mg/kg	1	1835011	08/29/18	08/29/18	EPA 300.0/9056A	



Encana Oil & Gas USA Project Name: Soil Sampling Lybrook A12-2306 01 Unit A

 370 17th Street
 Project Number:
 11195-0228
 Reported:

 Denver CO, 80202
 Project Manager:
 Felipe Aragon
 08/31/18 13:59

### Volatile Organic Compounds by 8260 - Quality Control

### **Envirotech Analytical Laboratory**

		Reporting		Spike	Source		%REC		RPD	1
Analyte	Result	Limit	Units	Level	Result	%REC	1.imits	RPD	Limit	Notes

Blank (1835008-BLK1)				Prepared &	Analyzed:	08/29/18 1			
Benzene	ND	25.0	ug/kg						
oluene	ND	25.0							
hylbenzene	ND	25.0							
m-Xylene	ND	50.0	.4						
Xylene	ND	25.0							
otal Xylenes	ND	25.0	**						
orogate 1,2-Dichloroethane-d4	532			500		106	70-130		
arrogate. Toluene-d8	453			500		90.5	70-130		
urrogate: Bromofluorobenzene	525			500		105	70-130		
CS (1835008-BS1)				Prepared &	Analyzed:	08/29/18 1			
enzene	2550	25.0	ug/kg	2500		102	70-130		
pluene	2110	25.0		2500		84.6	70-130		
thylbenzene	2180	25.0		2500		87.2	70-130		
.m-Xylene	4400	50.0		5000		88.1	70-130		
Xylene	2240	25.0		2500		89.5	70-130		
otal Xylenes	6640	25.0		7500		88.6	70-130		
a rogate. 1,2-Dichloroethane-d4	526		*	500		105	70-130		
rrogate. Toluene-d8	449		•	500		89.8	70-130		
urrogate: Bromofluorohenzene	513		A.	500		103	70-130		
Aatrix Spike (1835008-MS1)	Sourc	e: P808049-	01	Prepared &	Analyzed.	08/29/18 1			
enzene	2690	25.0	ug/kg	2500	ND	108	48-131		
oluene	2220	25.0	**	2500	ND	88.8	48-130		
thy lbenzene	2270	25.0	14	2500	ND	91.0	45-135		
.m-Xylene	4600	50.0	**	5000	ND	91.9	43-135		
-Xylene	2340	25.0		2500	ND	93.5	43-135		
otal Xylenes	6930	25.0		7500	ND	92.5	43-135		
nvrogate: 1,2-Dichloroethone-d4	523		•	500		105	70-130		
urrogate: Tolucne-d8	448		**	500		89.6	70-130		
urrogate: Bromofluorobenzene	506		**	500		101	70-130		
Aatrix Spike Dup (1835008-MSD1)		e: P808049-	01	Prepared &					
enzene	2660	25.0	ug kg	2500	ND	107	48-131	1.01	23
bluene	2190	25.0		2500	ND	87.8	48-130	1.16	24
thylbenzene	2270	25.0	,	2500	ND	90.7	45-135	0.374	27
.m-Xylene	4590	50.0		5000	ND	91.8	43-135	0.131	27
-Xylene	2340	25.0		2500	ND	93.5	43-135	0.0428	27
otal Xylenes	6930	25.0	•	7500	ND	92.4	43-135	0.101	27
urrogate. 1,2-Dichloroethane-d4	5/5		*	500		103	70-130		
urrogate: Toluene-d8	447		N	500		89.3	70-130		

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5796 US Highway 64, Farmington, NM 87401

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

Ph (970) 259-0615 | Fr (800) 362-1879

envirotech-inc.com



Project Name:

Soil Sampling Lybrook A12-2306 01 Unit A

370 17th Street Denver CO, 80202 Project Number: Project Manager: 11195-0228 Felipe Aragon Reported: 08/31/18 13:59

Volatile Organic Compounds by 8260 - Quality Control

**Envirotech Analytical Laboratory** 

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1835008 - Purge and Trap EPA 5030A

 Matrix Spike Dup (1835008-MSD1)
 Source: P808049-01
 Prepared & Analyzed: 08/29/18 1

 Surrogate: Bromofluorobenzene
 505
 ug/kg
 500
 101
 70-130



Encana Oil & Gas USA Project Name: Soil Sampling Lybrook A12-2306 01 Unit A

Reporting

Source: P808049-01

434

7.64

20.0 mg/kg

370 17th Street Project Number: 11195-0228 Reported: Denver CO, 80202 Project Manager: 08/31/18 13:59 Felipe Aragon

### Nonhalogenated Organics by 8015 - Quality Control

### **Envirotech Analytical Laboratory**

Spike

8.00

50.0

8.00

Source

Prepared: 08/29/18 1 Analyzed: 08/30/18 0

86.8

95.5

ND

%REC

50-150

70-130

50-150

3.52

20

RPD

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1835008 - Purge and Trap EPA 50	30A									
Blank (1835008-BLK2)				Prepared: (	08/29/18 1 /	Analyzed: 0	8/30/18 0			
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7,74		*	8 00		96.8	50-150			
LCS (1835008-BS2)				Prepared: (	08/29/18 17	Analyzed: 0	8/30/18 0			
Gasoline Range Organics (C6-C10)	43.1	20.0	mg/kg	50.0		86.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		**	8.00		97.1	50-150			
Matrix Spike (1835008-MS2)	Source	e: P808049-	01	Prepared: (	08/29/18 17	Analyzed: 0	8/30/18 0			
Gasoline Range Organics (C6-C10)	44.9	20.0	mg/kg	50.0	ND	89.9	70-130			

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Surrogate, 1-Chloro-4-fluorobenzene-FID

Matrix Spike Dup (1835008-MSD2)

Surrogate: 1-Chloro-4-fluorobenzene-FID

Gasoline Runge Organics (C6-C10)



Project Name:

Soil Sampling Lybrook A12-2306 01 Unit A

Source

%REC

50-200

38-132

50-200

0.483

20

370 17th Street Denver CO, 80202

Surrogate: n-Nonane

Surrogate: n-Nonane

Matrix Spike Dup (1835009-MSD1)

Diesel Range Organics (C10-C28)

Project Number: Project Manager:

Reporting

693

7610

69.3

Source: P808049-01

250 mg/kg

11195-0228 Felipe Aragon

Spike

50.0

500

50.0

Prepared & Analyzed: 08/29/18 1

7600

2.31

139

Reported: 08/31/18 13:59

RPD

SPK2

Nonhalogenated Organics by 8015 - Quality Control

**Envirotech Analytical Laboratory** 

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1835009 - DRO Extraction EPA 3570										
Blank (1835009-BLK1)				Prepared &	Analyzed:	08/29/18 1				
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40+)	ND	50.0	*							
Surrogate: n-Nonane	54.1		"	50.0		108	50-200			
.CS (1835009-BS1)				Prepared &	Analyzed:	08/29/18 1				
Diesel Range Organics (C10-C28)	464	25.0	mg kg	500		92.8	38-132			
Surrogate. n-Nonane	55.3		**	50.0		111	50-200			
Matrix Spike (1835009-MS1)	Source	re: P808049-	01	Prepared &	Analyzed:	08/29/18 1				
Diesel Range Organics (C10-C28)	7650	250	mg/kg	500	7600	9.68	38-132			SPK2



Encana Oil & Gas USA

Project Name:

Soil Sampling Lybrook A12-2306 01 Unit A

Source

%REC

370 17th Street Denver CO, 80202 Project Number:

11195-0228

Reported:

RPD

Project Manager:

Reporting

Felipe Aragon

Spike

08/31/18 13:59

### Anions by 300.0/9056A - Quality Control

### **Envirotech Analytical Laboratory**

Analyte	Result	1.imit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1835011 - Anion Extraction EPA 30	0.0/9056A									
Blank (1835011-BLK1)				Prepared &	Analyzed:	08/29/18 1				
Chloride	ND	20.0	mg/kg							
LCS (1835011-BS1)				Prepared &	Analyzed:	08/29/18 1				
Chloride	254	20.0	mg/kg	250		102	90-110			
Matrix Spike (1835011-MS1)	Source	e: P808054-	01	Prepared &	Analyzed:	08/29/18 1				
Chloride	315	20.0	mg/kg	250	62.1	101	80-120			
Matrix Spike Dup (1835011-MSD1)	Source	e: P808054-	01	Prepared &	Analyzed:	08/29/18 1				
Chloride	328	20.0	mg/kg	250	62.1	106	80-120	3.93	20	

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Encana Oil & Gas USA Project Name: Soil Sampling Lybrook A12-2306 01 Unit A

 370 17th Street
 Project Number
 11195-0228
 Reported:

 Denver CO, 80202
 Project Manager:
 Felipe Aragon
 08/31/18 13:59

### **Notes and Definitions**

SPK2 The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to native analyte concentration at 4 times or

greater than the spike concentration.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

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Project II	nformatio	on						Chain of Cu	stody												Page	of ram
Client:	W.Co. 10	<u>.</u>				T	Report	Attention				La	b Us	e On	ly			TA	TA		PA Prog	ram \$
	5.15.01 Manager		Stearch	40-03	w w	Repo	rt due by:			Lab	WO	#		Job	Nun	ber		1D	3D	RCRA	CWA	SDW
Project I	Manager	TAZO.	^	11 14	400	Atter	ntion:			P808054 Job Number					2.5	×				5		
Address						Addr	ess:		Ánalysis a					is ar	d Me	ethod	d			S	tate 8	
City, Sta						City,	State, Zip			15	15										NM CC	DUTAG
Phone:						Phon				y 80	v 80	-	0		0.0							
	2/10/11	Presse	Glas	#100 M	Jozeph .	Emai	1:			0 p	4 O	80.7	826	2010	300	3.1						
Time Sampled	Date Sampled	Matrix	No Containers	Sample I	D				Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.	трн 418.1					Re	marks
930	205,8	5	1	00	Jer	levi	) v		ı	¥	×	7			X						422	-621
932	3/2 63	5	'	1			2000 1000000000000000000000000000000000		2	*	7	.7.			*							
134	3/29/18	5	,	Sect Sect Blad	for	2			3	*	X	1			X							1
1003	3/19/19	5	1	Black	10	011			4	1	-	1			1						_	
Addition	nal Instru	ictions:						Vis	ice	IA		0	010	_								
	fer), attest to						opering with or interplior							Samples							ice the day they 5°C on cubseque	
	ned by: (Sig		Date	Jai/10	Time 1727	F	Received by: (Signa	M	Date 6/29/	9.	Time	2	-	Rece	eivec	on	ice:	La	b Us	e Only N		
Relinquished by: (Signature) Date Time Received by: (Signature)					ture)	Date		Time			T1 AVG					<u>T3</u>						
Cample Ma	trix: S - Soil,	SH Colid	e Sludge	A . Aguas	O - Other				Containe	r Typy	D. E.	glass	n.	AVG	nlast	ic a	-	18/4			Λ	
Note: Samp	oles are disci	arded 30 da	ys after resu	its are repo	rted unless	other arr	rangements are mad s COC. The liability of		ples will be re	turned	to ch	ent or	dispo	sed of	at the							the above
		,											,	,,,,,	1.0							







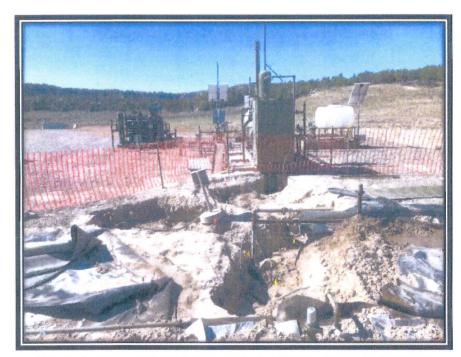
Picture 1: View of Wellsite Sign



Picture 2: View of Tank Struck by Lightening



Picture 3: View of Section 1



Picture 4: View of Sampling Locations (Orange Flags) in Section 1



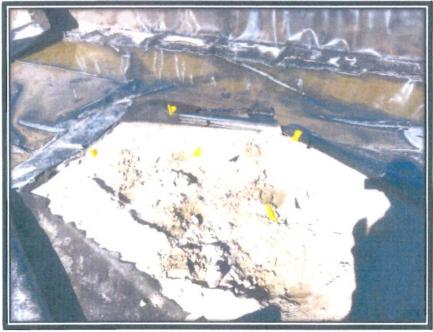
Picture 5: View of Section 2



Picture 6: View of Sampling Locations (Yellow Flags) in Section 2



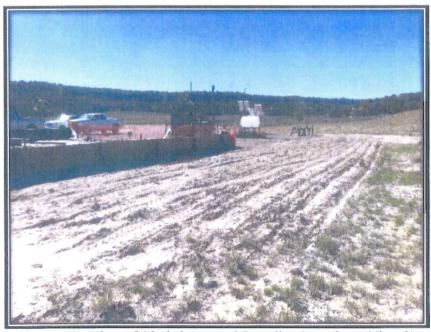
Picture 7: View of Under Liner Excavation



Picture 8: View of Sampling Locations (Yellow Flags) in *Under Liner* 



Picture 9: View of Bladed Area and Sampling Locations (View 1)



Picture 10: View of Bladed Area and Sampling Locations (View 2)



MANIFEST # GENERATOR ENCURC

POINT OF ORIGIN (4 brook A12 (see to be)

TRANSPORTER Kelley O' | Field

DATE V-29 18 JOB# 11195-0227

PHONE	(505) 632-0615 · 5795 U.S	5. HIGHWAY 64 " FARIN	AING TON,	NEW MEX	100 87401		DATE	JUB #	11170-0001	
LOAD	COMPL	ETE DESCRIPTION OF	SHIPMENT			TRANSPO	RTING COMPA	NY		
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE	
l	BF	tydno vae on't Soiz			40		Hut 1	1450	Alden Aithm	
_		NOShowt		_	5		HV+1	1450	Alden Arthur	
					45					
RESUL	TS	LANDFARM			Ł	EL I	NOTES			
695	CHLORIDE TEST	EMPLOYEE Gu	uy K	Follow	ner	2 6	Y brook A	12-230	06-014	
/	PAINT FILTER TEST   Certification of above receival & placement   Chloride Paint filter test run.									
	ng as the driver/transporte							ered with. I certi	ify 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					Phone
Signatures required prior to distribution of the legal document.	DISTRIBUTION	White - Company Records	Yellow - Billing.	Pink - Customer.	Goldenrod - LF Copy





DATE 7-	29-18 TIME	1450	Attach test strip here
CUSTOMER			9 /
SITE	Lybrook A12	-2306-014	A N T A
DRIVER	Alden Arthur		
SAMPLE	Soil Straight V	Vith Dirt	- 8
CHLORIDE TEST	6 95 mg/Kg		
ACCEPTED	YES	NO	5
PAINT FILTER TEST	Time started 1450	Time completed 1505	4
PASS	YES	NO	3
SAMPLER/ANALYST	Gay Robin	av	1-
	1 7		

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MANIFEST # 61226 MANIFEST #
GENERATOR Encarc
POINT OF ORIGIN Ly brock- AIZ -2306-014
TRANSPORTER Kelley O'L Field

PHONE:	(505) 632-0615 · 5796 U.	S. HIGHWAY 64 · FARM	IINGTON.	NEW MEX	(ICO 87401	[	DATE 7-30-	18 JOB #	3035 OLD		
LOAD	COMP	LETE DESCRIPTION OF	SHIPMENT				TRANSPORTING COMPANY (1195-022)				
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE		
l l		ConthyDro Vaz Scil washout			60	-	HUTO	1522	Aden Arthu		
_	BF	washout			5	_	HV+0)	1522	Aden Anthon		
					65						
RESULT	S	LANDFARM	0	,	EL	NO	TES		,		
530	CHLORIDE TEST	EMPLOYEE Cra	uy R	Stin	50			•			
	PAINT FILTER TEST	Certification	of above re	ceival & pl	acement						
	ng as the driver/transporte re mentioned Generator/Po							ered 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



DATE 7:30	18 TIME 152Z	Attach tes	are
CUSTOMER	Encana	A N	
SITE	Lybrook A12.2306-01H		
DRIVER	Alden Authur		
SAMPLE	Soil Straight With Dirt		
CHLORIDE TEST	mg/Kg		
ACCEPTED	YES NO		
PAINT FILTER TEST	Time started 1527 Time completed 1537		
PASS	YES NO		
SAMPLER/ANALYST	Cary Kellerson		

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MANIFEST # 61250 GENERATOR CANO POINT OF ORIGIN LYBROOF A12 -2306-01#
TRANSPORTER KO Wey OIL Field
DATE 5-2-18 JOB# 11195-0227

PHONE: (505) 632-0615 - 5796 LLS HIGHWAY 64 - FARMINGTON NEW MEXICO 87401

TIONE	. (505) 052 0015 5750 (	5.5. HIGHWAT 64 TAHWI	11401014	14200 10127	100 01 101		MIL D	000 %			
LOAD	COM	PLETE DESCRIPTION OF S	SHIPMENT		TRANSPORTING COMPANY						
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE		
1	BF	CON'T NYDRO VOC SOIC			60		HV4 01	1518	Alden Arthur		
-	BF	husbout tonk			5		HV+.01	1518	Alden Arthur		
					65						
		0.00				***************************************					
	***************************************										
DEGUII	ro.			no constante de la constante d		NOT					
RESULT		LANDFARM EMPLOYEE	1 - 6	20.1	MART	_ [NOT	E5				
1000	PAINT FILTER TEST	Certification	of above re	eceival & pl	acement						
		ter, I certify the material ha Point of Origin and that no						red with. I cert	ify the material is from		
Generato	r Onsite Contact							Phone			
Signatur	es required prior to distribu	ition of the legal document.	DISTRIBUT	TION. White	- Company Reco	rds. Yellow - Bill	ing Pink - Customer,	Goldenrod - LF Co	ору		



DATE 32	18	TIME	1518	Attach test strip here
CUSTOMER	ERCONCU			C
SITE	Cybrook	A12.	2306 -01H	An
DRIVER	AldenArthu	ly		
SAMPLE	Soil Straight	With	h Dirt	
CHLORIDE TEST	482 mg/Kg	L		5
ACCEPTED	YES	N	0	8
PAINT FILTER TEST	Time started 157	<u></u> Ті	me completed (536	2
PASS	YES	N	0	2
SAMPLER/ANALYST	Cony Ko	linge		1

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MANIFEST# 61277
GENERATOR
POINT OF ORIGIN
TRANSPORTER Koljoj St. 4.006
DATE 5-6-73 JOB# 11195-0227

	(505) 632-0615 · 5796			DRTING COMPA	# 11195-0227				
NO.	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
	15 <i>F</i>	H1750112			10		245-54	1920	
-	FF	hot it to the	14.74		1		1.0	10 11	Alden Arthur
					15				
RESULT	TS	LANDSARA		,	EL	NO	TES		
<270		LANDFARM EMPLOYEE	7/-	11					
	PAINT FILTER TEST	Certification	of above re	eceival & pl	acement				
By signi the abov	ng as the driver/transpo re mentioned Generator/	rter, I certify the material ha Point of Origin and that no	auled from additiona	the above I material	location has been ac	as not been dded or mix	added to or tamp ed into the load.	ered with. I cer	tify 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	





DATE	15	TIME	Attach test strip here
CUSTOMER	SARGARO		G J
SITE & y brown	× #12-230	G. C. / H	TA
DRIVER	Aldenstot	hor	
SAMPLE	Soil Straight	With Dirt	
CHLORIDE TEST	-77 mg/Kg	L	- G
ACCEPTED	YES	NO	
PAINT FILTER TEST	Time started	Time completed	
PASS	YES	NO	
SAMPLER/ANALYST	Garghi	HANDE-	

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MANIFEST # 61413

GENERATOR Encana

POINT OF ORIGIN LY Drook A12-2306-01#

TRANSPORTER KOLLEY OIL FIELD

DATE \$ 20.18 | 108 # 11195-0227

HONE:	(505) 632-0615 · 5796	S U.S	B. HIGHWAY 64 • FARMI	INGTON.	NEW MEX	ICO 87401	İ	DAT	E 3 20 1	JOB #	11193-0221
LOAD	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY				
NO.	DESTINATION		MATERIAL	GRID	YDS	BBLS	TKT	#	TRK#	TIME	DRIVER SIGNATURE
1	BF.	i	on't Hydro			1			yuto/	1150	melyter
	BF	D	195h outtank			5			HUTOI	1150	miles Su-
					ı	Ce					
		-									
			to accordance of the control of the								
RESULT	S		LANDFARM /		1		EL	NOTES			
582	CHLORIDE TEST		EMPLOYEE (	u k	Ofu	mile	7				
	PAINT FILTER TEST	-	Certification of	oi above re	eceival & pla	acement					
			, I certify the material ha							ered with. I cert	ify 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	

HUT

### envirotech CHLORIDE TESTING / PAINT FILTER TESTING

DATE <u>\$.2</u>	0.18	TIME	1150	Attach test	e
CUSTOMER	Encong				ANT
SITE	Lybrook	A12	-2306-0	14	
DRIVER	- margia	4.			9
SAMPLE	Soil Straight	W	/ith Dirt		7
CHLORIDE TEST	582 _{mg/Kg}	_			5
ACCEPTED	YES	-	NO		1
PAINT FILTER TEST	Time started	-	Time completed 120/		3 = 3
PASS	YES	- 1	NO		
SAMPLER/ANALYST	Comy R	dem	Som		

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**Description of Remediation Activities** 



When the operator arrived at the Lybrook A12 facility on July 28 it appeared that there had been a lightning strike because the produced water tank was blown out of the containment and roughly 100 feet north of the containment. A vac truck was dispatched to the site the next day to recover liquid in the containment. The area of greatest impact was also bladed to turn the soil and ensure that impacted soil could volatilze clean. Additionally, Encana is working to repair the secondary containment that was blown out of shape due to the lightning.