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Texland Petroleum
State 'A' 29 Lease – Well #7
Unit K, Sec. 29-T18S-R38E, Lea Co., NM
Oil & Produced Water Spill
Affected Surface Area – 6,720 sq. ft. / .15 acre
GPS Coordinates: N32.71488 W103.17128

OCD Case Number 1RP-5025

APPROVED

By Olivia Yu at 3:46 pm, Nov 13, 2018

**NMOCD grants
backfill approval to
1RP-5025.**

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

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

Form C-141
Revised April 3, 2017

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Texland Petroleum-Hobbs, LLC	Contact	Vickie Smith
Address	777 Main St, Ste 3200, Fort Worth, TX 76102	Telephone No.	575-433-8395
Facility Name	State A 29	Facility Type	battery
Surface Owner	Fee	Mineral Owner	state
		API No.	30-025-22934

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	29	18S	38E	660'	North	1850'	West	Lea

Latitude _____ Longitude _____ NAD83

NATURE OF RELEASE

Type of Release	<1 BO + est 10-20 BPW	Volume of Release	<1 BO + 10-20 BPD	Volume Recovered	zero
Source of Release	flow line	Date and Hour of Occurrence	unknown	Date and Hour of Discovery	4/22/18 10:27 AM
Was Immediate Notice Given?	☐ Yes ☒ No ☐ Not Required	If YES, To Whom?			
By Whom?	Date and Hour				
Was a Watercourse Reached?	☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

APPROVED

By Olivia Yu at 1:18 pm, Apr 24, 2018

Describe Cause of Problem and Remedial Action Taken.*

small washed out area of flow line failed, immediately turned off well

Describe Area Affected and Cleanup Action Taken.*

Skim oil and water flowed to low area on Conoco Phillips' caliche pad, Texland will use a back hoe to remove all contaminated caliche and replace with new/fresh caliche

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

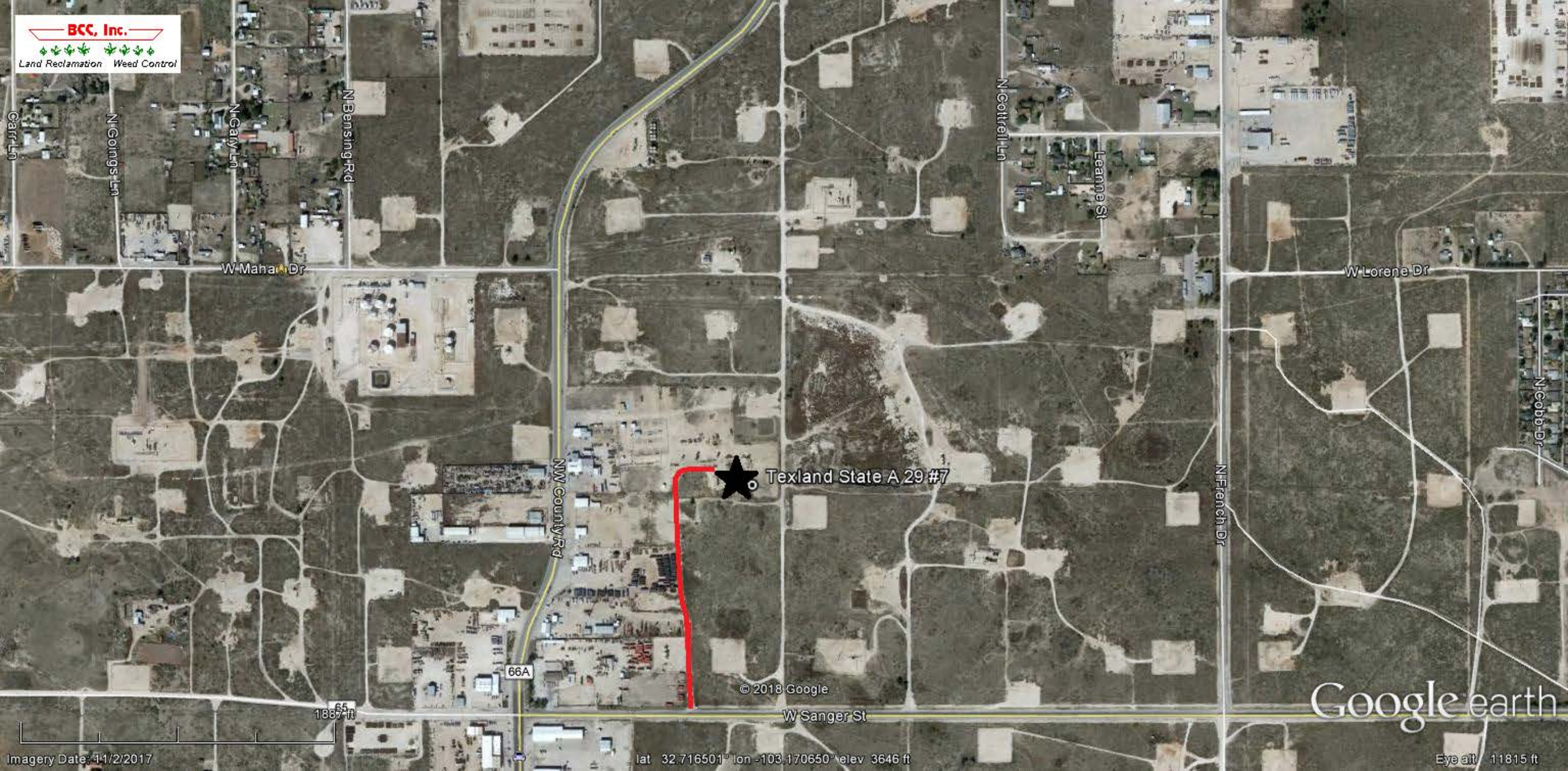
Signature: <i>Vickie Smith</i>		OIL CONSERVATION DIVISION	
Printed Name: Vickie Smith		Approved by Environmental Specialist: <i>oy</i>	
Title: Regulatory Analyst		Approval Date: 4/24/2018	Expiration Date:
E-mail Address: vsmith@texpetro.com		Conditions of Approval: see attached directive	Attached ☒
Date: 4/23/18 Phone: 575-433-8395			

* Attach Additional Sheets If Necessary

1RP-5025

nOY1811448112

pOY1811448332



★ Texland State A 29 #7

© 2018 Google

Google earth

Texland Petroleum
State 'A' 29 Lease - Well #7
Oil & Produced Water Spill
Affected Surface Area - 6,720 sq. ft. / .15 acre
GPS Coordinates: N32.71488
W103.17128



○ Texland State A 29 #7



© 2018 Google

Google earth



Imagery Date: 11/2/2017

lat 32.714935° lon -103.171606° elev 3653 ft

Eye alt 4061 ft

Texland Petroleum
State 'A' 29 Lease - Well #7
Oil & Produced Water Spill
Affected Surface Area - 6,720 sq. ft. / .15 acre
GPS Coordinates: N32.71488
W103.17128



- - Excavation Depth - 3 feet
- - Excavation Depth - 4 feet



Texland State A 29 #7

Release Point

© 2018 Google

Google earth

95 ft

Imagery Date: 11/2/2017

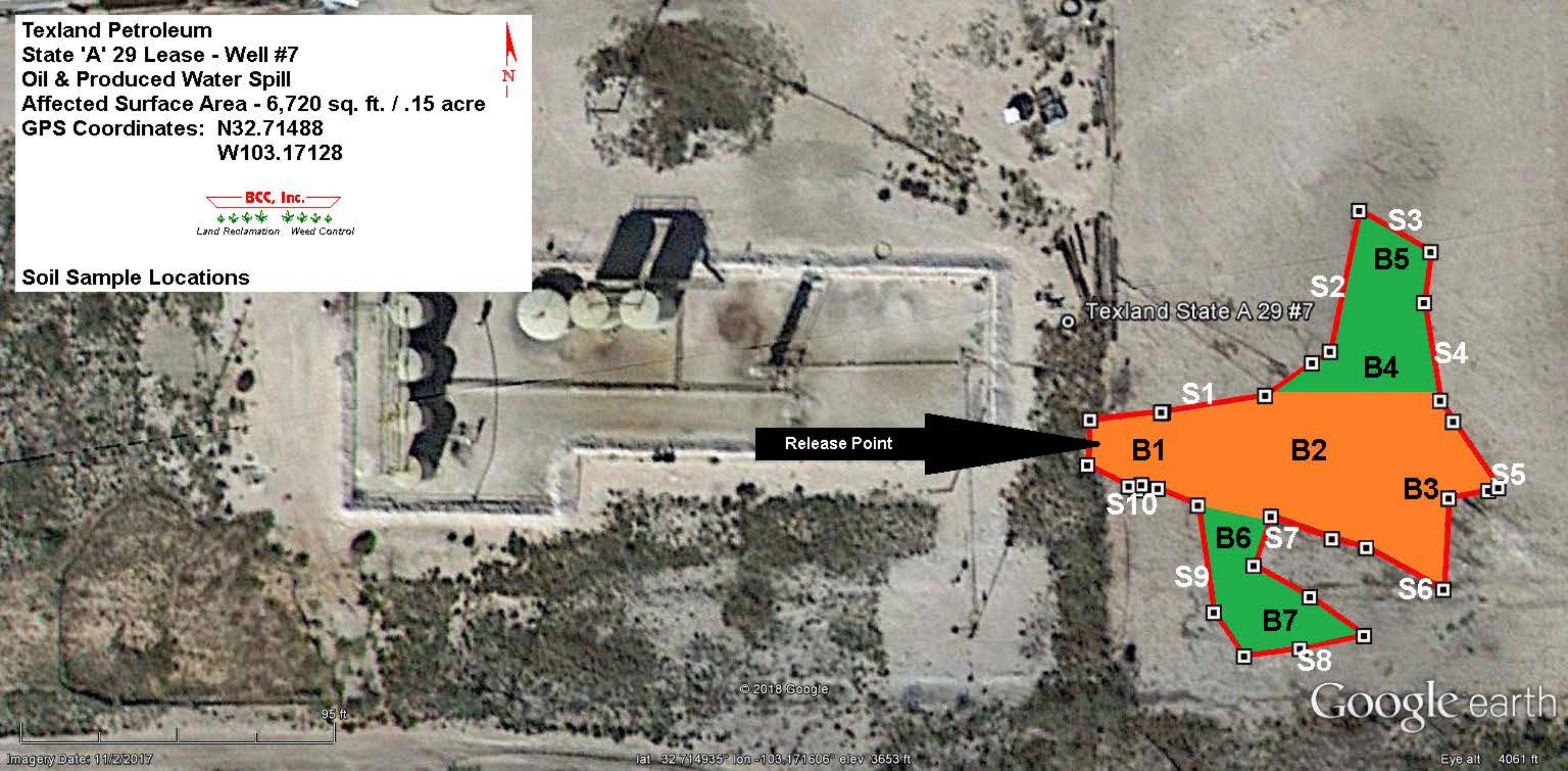
lat 32.714935° lon -103.171606° elev 3653 ft

Eye alt 4061 ft

Texland Petroleum
State 'A' 29 Lease - Well #7
Oil & Produced Water Spill
Affected Surface Area - 6,720 sq. ft. / .15 acre
GPS Coordinates: N32.71488
W103.17128



Soil Sample Locations



© 2018 Google

Google earth

Imagery Date: 11/2/2017

lat 32.714935° lon -103.171606° elev 3653 ft

Eye alt 4061 ft

Texland Petroleum
State 'A' 29 Lease - Well #7
OCD Case Number 1RP-5025

CONFIRMATION RELEASE POINT & BOTTOM SOIL SAMPLES

Sample ID	Depth (inches)	Field or Lab Test	Benzene (mg/kg)	BTEX (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)	GPS Coordinates
Release Point	0-6 in.	Lab	<0.00897	<0.00464	<15.15	520	N32.71489 W103.17131
B1	48 in.	Lab				42.0	N32.71488 W103.17126
B2	48 in.	Lab				137	N32.71488 W103.17107
B3	48 in.	Lab				291	N32.71483 W103.17097
B4	36 in.	Lab				8.42	N32.71494 W103.17103
B5	36 in.	Lab				25.6	N32.71505 W103.17101
B6	36 in.	Lab				5.82	N32.71481 W103.17117
B7	36 in.	Lab				5.92	N32.71473 W103.17111

Texland Petroleum
State 'A' 29 Lease - Well #7
OCD Case Number 1RP-5025

CONFIRMATION SIDEWALL SOIL SAMPLES

Sample ID	Depth (inches)	Field or Lab Test	Benzene (mg/kg)	BTEX (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)	GPS Coordinates
S1	24 in.	Lab				290	N32.71492 W103.17122
S2	18 in.	Lab				42.7	N32.71500 W103.17106
S3	18 in.	Lab				22.9	N32.71506 W103.17100
S4	18 in.	Lab				102	N32.71497 W103.17097
S5	24 in.	Lab				28.7	N32.71486 W103.17091
S6	24 in.	Lab				410	N32.71478 W103.17097
S7	18 in.	Lab				6.15	N32.71482 W103.17112
S8	18 in.	Lab				18.4	N32.71472 W103.17110
S9	18 in.	Lab				6.48	N32.71479 W103.17119
S10	24 in.	Lab				553	N32.71486 W103.17126



10 16 2018



10 16 2013



10 16 2013



10 16 2018



Certificate of Analysis Summary 602542

BCC, Inc.-Lubbock, Lubbock, TX

Project Name: Texland Petroleum

Project Id:

Contact: Paul Porter

Project Location: State 'A' 29 Well #7

Date Received in Lab: Wed Oct-17-18 09:09 am

Report Date: 22-OCT-18

Project Manager: Brandi Ritcherson

Analysis Requested	Lab Id:	602542-001	602542-002	602542-003	602542-004	602542-005	602542-006
	Field Id:	Release Point	B1	B2	B3	B4	B5
	Depth:	0-6 In	48 In	48 In	48 In	36 In	36 In
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	Oct-16-18 13:00	Oct-16-18 13:05	Oct-16-18 13:11	Oct-16-18 13:15	Oct-16-18 13:22	Oct-16-18 13:29
BTEX by EPA 8021B	Extracted:	Oct-17-18 14:30					
	Analyzed:	Oct-17-18 23:52					
	Units/RL:	mg/kg RL					
	Benzene	<0.00897 0.0198					
	Toluene	<0.00464 0.0198					
	Ethylbenzene	<0.00611 0.0198					
	m,p-Xylenes	<0.00677 0.0397					
	o-Xylene	<0.00677 0.0198					
Chloride by EPA 300	Total Xylenes	<0.00677 0.0198					
	Total BTEX	<0.00464 0.0198					
	Extracted:	Oct-17-18 11:00	Oct-17-18 11:00	Oct-17-18 11:00	Oct-17-18 11:00	Oct-17-18 11:00	Oct-17-18 11:00
	Analyzed:	Oct-17-18 16:07	Oct-17-18 16:20	Oct-17-18 16:32	Oct-17-18 16:44	Oct-17-18 16:57	Oct-17-18 17:09
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
	Chloride	520 125	42.0 25.0	137 25.0	291 25.0	8.42 J 25.0	25.6 25.0
	Extracted:	Oct-19-18 12:30					
	Analyzed:	Oct-19-18 15:16					
DRO-ORO By SW8015B	Units/RL:	mg/kg RL					
	Diesel Range Organics (DRO)	<7.44 24.9					
	Oil Range Hydrocarbons (ORO)	<7.44 24.9					
	Extracted:	Oct-17-18 14:30					
	Analyzed:	Oct-17-18 23:52					
	Units/RL:	mg/kg RL					
	TPH-GRO	<0.269 3.97					

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Brandi Ritcherson
Project Manager



Certificate of Analysis Summary 602542

BCC, Inc.-Lubbock, Lubbock, TX

Project Name: Texland Petroleum

Project Id:

Contact: Paul Porter

Project Location: State 'A' 29 Well #7

Date Received in Lab: Wed Oct-17-18 09:09 am

Report Date: 22-OCT-18

Project Manager: Brandi Ritcherson

<i>Analysis Requested</i>	<i>Lab Id:</i>	602542-007	602542-008	602542-009	602542-010	602542-011	602542-012
	<i>Field Id:</i>	B6	B7	S1	S2	S3	S4
	<i>Depth:</i>	36 In	36 In	24 In	18 In	18 In	18 In
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	Oct-16-18 13:40	Oct-16-18 13:45	Oct-16-18 13:55	Oct-16-18 14:04	Oct-16-18 14:10	Oct-16-18 14:15
Chloride by EPA 300	<i>Extracted:</i>	Oct-17-18 11:00	Oct-17-18 11:00	Oct-17-18 11:00	Oct-17-18 11:00	Oct-17-18 11:00	Oct-17-18 11:00
	<i>Analyzed:</i>	Oct-17-18 17:22	Oct-17-18 17:34	Oct-17-18 17:59	Oct-17-18 18:48	Oct-17-18 19:01	Oct-17-18 19:13
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		5.82 J 25.0	5.92 J 25.0	290 25.0	42.7 25.0	22.9 J 25.0	102 25.0

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Brandi Ritcherson
Project Manager



Certificate of Analysis Summary 602542

BCC, Inc.-Lubbock, Lubbock, TX

Project Name: Texland Petroleum

Project Id:

Contact: Paul Porter

Project Location: State 'A' 29 Well #7

Date Received in Lab: Wed Oct-17-18 09:09 am

Report Date: 22-OCT-18

Project Manager: Brandi Ritcherson

Analysis Requested	Lab Id:	602542-013	602542-014	602542-015	602542-016	602542-017	602542-018
	Field Id:	S5	S6	S7	S8	S9	S10
	Depth:	24 In	24 In	18 In	18 In	18 In	24 In
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	Oct-16-18 14:20	Oct-16-18 14:27	Oct-16-18 14:45	Oct-16-18 14:50	Oct-16-18 14:54	Oct-16-18 15:00
Chloride by EPA 300	Extracted:	Oct-17-18 11:00	Oct-17-18 11:00	Oct-17-18 11:00	Oct-17-18 11:00	Oct-17-18 11:00	Oct-17-18 11:00
	Analyzed:	Oct-17-18 19:26	Oct-17-18 19:38	Oct-17-18 19:51	Oct-17-18 20:03	Oct-17-18 20:15	Oct-17-18 21:17
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		28.7 25.0	410 125	6.15 J 25.0	18.4 J 25.0	6.48 J 25.0	553 D 125

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Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Brandi Ritcherson
Project Manager

Analytical Report 602542

**for
BCC, Inc.-Lubbock**

Project Manager: Paul Porter

Texland Petroleum

22-OCT-18

Collected By: Client



6701 Aberdeen, Suite 9 Lubbock, TX 79424

Xenco-Houston (EPA Lab Code: TX00122):

Texas (T104704215-18-28), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2017-142)

Xenco-Dallas (EPA Lab Code: TX01468):

Texas (T104704295-18-17), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-18-14)

Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-18-17)

Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-18-18)

Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-18-4)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)

Xenco-Phoenix Mobile (EPA Lab Code: AZ00901): Arizona (AZM757)

Xenco-Atlanta (LELAP Lab ID #04176)

Xenco-Tampa: Florida (E87429)

Xenco-Lakeland: Florida (E84098)



22-OCT-18

Project Manager: **Paul Porter**

BCC, Inc.-Lubbock

3302 122nd St

P.O. Box 53427

Lubbock, TX 79453

Reference: XENCO Report No(s): **602542**

Texland Petroleum

Project Address: State 'A' 29 Well #7

Paul Porter :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 602542. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 602542 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

A handwritten signature in black ink that reads 'Brandi Ritcherson'. The signature is written in a cursive, flowing style.

Brandi Ritcherson

Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America



Sample Cross Reference 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Release Point	S	10-16-18 13:00	0 - 6 In	602542-001
B1	S	10-16-18 13:05	- 48 In	602542-002
B2	S	10-16-18 13:11	- 48 In	602542-003
B3	S	10-16-18 13:15	- 48 In	602542-004
B4	S	10-16-18 13:22	- 36 In	602542-005
B5	S	10-16-18 13:29	- 36 In	602542-006
B6	S	10-16-18 13:40	- 36 In	602542-007
B7	S	10-16-18 13:45	- 36 In	602542-008
S1	S	10-16-18 13:55	- 24 In	602542-009
S2	S	10-16-18 14:04	- 18 In	602542-010
S3	S	10-16-18 14:10	- 18 In	602542-011
S4	S	10-16-18 14:15	- 18 In	602542-012
S5	S	10-16-18 14:20	- 24 In	602542-013
S6	S	10-16-18 14:27	- 24 In	602542-014
S7	S	10-16-18 14:45	- 18 In	602542-015
S8	S	10-16-18 14:50	- 18 In	602542-016
S9	S	10-16-18 14:54	- 18 In	602542-017
S10	S	10-16-18 15:00	- 24 In	602542-018



CASE NARRATIVE

Client Name: BCC, Inc.-Lubbock

Project Name: Texland Petroleum

Project ID:
Work Order Number(s): 602542

Report Date: 22-OCT-18
Date Received: 10/17/2018

This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory.

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3066878 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3067015 DRO-ORO By SW8015B

Surrogate Tricosane recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 602542-001 S, 602542-001 SD.



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: **Release Point**

Matrix: Soil

Date Received: 10.17.18 09.09

Lab Sample Id: 602542-001

Date Collected: 10.16.18 13.00

Sample Depth: 0 - 6 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: RNL

% Moisture:

Analyst: RNL

Date Prep: 10.17.18 11.00

Basis: Wet Weight

Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	520	125	28.6	mg/kg	10.17.18 16.07		50

Analytical Method: DRO-ORO By SW8015B

Prep Method: SW8015P

Tech: PGM

% Moisture:

Analyst: PGM

Date Prep: 10.19.18 12.30

Basis: Wet Weight

Seq Number: 3067015

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Diesel Range Organics (DRO)	C10C28DRO	<7.44	24.9	7.44	mg/kg	10.19.18 15.16	U	1
Oil Range Hydrocarbons (ORO)	PHCG2835	<7.44	24.9	7.44	mg/kg	10.19.18 15.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tricosane	638-67-5	144	%	65-144	10.19.18 15.16	
n-Triacontane	638-68-6	109	%	46-152	10.19.18 15.16	

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: MIT

% Moisture:

Analyst: MIT

Date Prep: 10.17.18 14.30

Basis: Wet Weight

Seq Number: 3066878

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00897	0.0198	0.00897	mg/kg	10.17.18 23.52	U	1
Toluene	108-88-3	<0.00464	0.0198	0.00464	mg/kg	10.17.18 23.52	U	1
Ethylbenzene	100-41-4	<0.00611	0.0198	0.00611	mg/kg	10.17.18 23.52	U	1
m,p-Xylenes	179601-23-1	<0.00677	0.0397	0.00677	mg/kg	10.17.18 23.52	U	1
o-Xylene	95-47-6	<0.00677	0.0198	0.00677	mg/kg	10.17.18 23.52	U	1
Total Xylenes	1330-20-7	<0.00677	0.0198	0.00677	mg/kg	10.17.18 23.52	U	1
Total BTEX		<0.00464	0.0198	0.00464	mg/kg	10.17.18 23.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	84	%	68-120	10.17.18 23.52	
a,a,a-Trifluorotoluene	98-08-8	87	%	71-121	10.17.18 23.52	



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: **Release Point**

Matrix: Soil

Date Received: 10.17.18 09.09

Lab Sample Id: 602542-001

Date Collected: 10.16.18 13.00

Sample Depth: 0 - 6 In

Analytical Method: TPH GRO by EPA 8015 Mod.

Prep Method: SW5030B

Tech: MIT

% Moisture:

Analyst: MIT

Date Prep: 10.17.18 14.30

Basis: Wet Weight

Seq Number: 3066881

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
TPH-GRO	8006-61-9	<0.269	3.97	0.269	mg/kg	10.17.18 23.52	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag		
4-Bromofluorobenzene	460-00-4	84	%	76-123	10.17.18 23.52			
a,a,a-Trifluorotoluene	98-08-8	86	%	69-120	10.17.18 23.52			



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: **B1** Matrix: Soil Date Received: 10.17.18 09.09
Lab Sample Id: 602542-002 Date Collected: 10.16.18 13.05 Sample Depth: 48 In
Analytical Method: Chloride by EPA 300 Prep Method: E300P
Tech: RNL % Moisture:
Analyst: RNL Date Prep: 10.17.18 11.00 Basis: Wet Weight
Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	42.0	25.0	0.572	mg/kg	10.17.18 16.20		1



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: **B2**
Lab Sample Id: 602542-003

Matrix: Soil
Date Collected: 10.16.18 13.11

Date Received: 10.17.18 09.09
Sample Depth: 48 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: RNL

% Moisture:

Analyst: RNL

Date Prep: 10.17.18 11.00

Basis: Wet Weight

Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	137	25.0	0.572	mg/kg	10.17.18 16.32		1



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: **B3** Matrix: Soil Date Received: 10.17.18 09.09
Lab Sample Id: 602542-004 Date Collected: 10.16.18 13.15 Sample Depth: 48 In
Analytical Method: Chloride by EPA 300 Prep Method: E300P
Tech: RNL % Moisture:
Analyst: RNL Date Prep: 10.17.18 11.00 Basis: Wet Weight
Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	291	25.0	0.572	mg/kg	10.17.18 16.44		1



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: **B4**
Lab Sample Id: 602542-005

Matrix: Soil
Date Collected: 10.16.18 13.22

Date Received: 10.17.18 09.09
Sample Depth: 36 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: RNL

% Moisture:

Analyst: RNL

Date Prep: 10.17.18 11.00

Basis: Wet Weight

Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.42	25.0	0.572	mg/kg	10.17.18 16.57	J	1



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: B5
Lab Sample Id: 602542-006

Matrix: Soil
Date Collected: 10.16.18 13.29

Date Received: 10.17.18 09.09
Sample Depth: 36 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: RNL

% Moisture:

Analyst: RNL

Date Prep: 10.17.18 11.00

Basis: Wet Weight

Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	25.6	25.0	0.572	mg/kg	10.17.18 17.09		1



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: **B6**
Lab Sample Id: 602542-007

Matrix: Soil
Date Collected: 10.16.18 13.40

Date Received: 10.17.18 09.09
Sample Depth: 36 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: RNL

% Moisture:

Analyst: RNL

Date Prep: 10.17.18 11.00

Basis: Wet Weight

Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	5.82	25.0	0.572	mg/kg	10.17.18 17.22	J	1



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: **B7**
Lab Sample Id: 602542-008

Matrix: Soil
Date Collected: 10.16.18 13.45

Date Received: 10.17.18 09.09
Sample Depth: 36 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: RNL

% Moisture:

Analyst: RNL

Date Prep: 10.17.18 11.00

Basis: Wet Weight

Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	5.92	25.0	0.572	mg/kg	10.17.18 17.34	J	1



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: S1 Matrix: Soil Date Received: 10.17.18 09.09
Lab Sample Id: 602542-009 Date Collected: 10.16.18 13.55 Sample Depth: 24 In
Analytical Method: Chloride by EPA 300 Prep Method: E300P
Tech: RNL % Moisture:
Analyst: RNL Date Prep: 10.17.18 11.00 Basis: Wet Weight
Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	290	25.0	0.572	mg/kg	10.17.18 17.59		1



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: S2
Lab Sample Id: 602542-010

Matrix: Soil
Date Collected: 10.16.18 14.04

Date Received: 10.17.18 09.09
Sample Depth: 18 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: RNL

% Moisture:

Analyst: RNL

Date Prep: 10.17.18 11.00

Basis: Wet Weight

Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	42.7	25.0	0.572	mg/kg	10.17.18 18.48		1



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: S3
Lab Sample Id: 602542-011

Matrix: Soil
Date Collected: 10.16.18 14.10

Date Received: 10.17.18 09.09
Sample Depth: 18 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: RNL

% Moisture:

Analyst: RNL

Date Prep: 10.17.18 11.00

Basis: Wet Weight

Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	22.9	25.0	0.572	mg/kg	10.17.18 19.01	J	1



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: S4
Lab Sample Id: 602542-012

Matrix: Soil
Date Collected: 10.16.18 14.15

Date Received: 10.17.18 09.09
Sample Depth: 18 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: RNL

% Moisture:

Analyst: RNL

Date Prep: 10.17.18 11.00

Basis: Wet Weight

Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	102	25.0	0.572	mg/kg	10.17.18 19.13		1



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: S5 Matrix: Soil Date Received: 10.17.18 09.09
Lab Sample Id: 602542-013 Date Collected: 10.16.18 14.20 Sample Depth: 24 In
Analytical Method: Chloride by EPA 300 Prep Method: E300P
Tech: RNL % Moisture:
Analyst: RNL Date Prep: 10.17.18 11.00 Basis: Wet Weight
Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	28.7	25.0	0.572	mg/kg	10.17.18 19.26		1



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: S6
Lab Sample Id: 602542-014

Matrix: Soil
Date Collected: 10.16.18 14.27

Date Received: 10.17.18 09.09
Sample Depth: 24 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: RNL

% Moisture:

Analyst: RNL

Date Prep: 10.17.18 11.00

Basis: Wet Weight

Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	410	125	2.86	mg/kg	10.17.18 19.38		5



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: S7
Lab Sample Id: 602542-015

Matrix: Soil
Date Collected: 10.16.18 14.45

Date Received: 10.17.18 09.09
Sample Depth: 18 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: RNL

% Moisture:

Analyst: RNL

Date Prep: 10.17.18 11.00

Basis: Wet Weight

Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	6.15	25.0	0.572	mg/kg	10.17.18 19.51	J	1



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: S8
Lab Sample Id: 602542-016

Matrix: Soil
Date Collected: 10.16.18 14.50

Date Received: 10.17.18 09.09
Sample Depth: 18 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: RNL

% Moisture:

Analyst: RNL

Date Prep: 10.17.18 11.00

Basis: Wet Weight

Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	18.4	25.0	0.572	mg/kg	10.17.18 20.03	J	1



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: S9 Matrix: Soil Date Received: 10.17.18 09.09
Lab Sample Id: 602542-017 Date Collected: 10.16.18 14.54 Sample Depth: 18 In
Analytical Method: Chloride by EPA 300 Prep Method: E300P
Tech: RNL % Moisture:
Analyst: RNL Date Prep: 10.17.18 11.00 Basis: Wet Weight
Seq Number: 3066738

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	6.48	25.0	0.572	mg/kg	10.17.18 20.15	J	1



Certificate of Analytical Results 602542

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: **S10**
Lab Sample Id: 602542-018

Matrix: Soil
Date Collected: 10.16.18 15.00

Date Received: 10.17.18 09.09
Sample Depth: 24 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: RNL

% Moisture:

Analyst: RNL

Date Prep: 10.17.18 11.00

Basis: Wet Weight

Seq Number: 3066740

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	553	125	2.86	mg/kg	10.17.18 21.30	D	5

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

****** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit

SDL Sample Detection Limit

LOD Limit of Detection

PQL Practical Quantitation Limit

MQL Method Quantitation Limit

LOQ Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample

BLK

Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample

BKSD/LCSD

Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate

MS

Matrix Spike

MSD: Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

BCC, Inc.-Lubbock
Texland Petroleum

Analytical Method: Chloride by EPA 300

Seq Number: 3066738

MB Sample Id: 7664358-1-BLK

Matrix: Solid

LCS Sample Id: 7664358-1-BKS

Prep Method: E300P

Date Prep: 10.17.18

LCSD Sample Id: 7664358-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<0.572	250	250	100	247	99	90-110	1	20	mg/kg	10.17.18 14:53	

Analytical Method: Chloride by EPA 300

Seq Number: 3066740

MB Sample Id: 7664359-1-BLK

Matrix: Solid

LCS Sample Id: 7664359-1-BKS

Prep Method: E300P

Date Prep: 10.17.18

LCSD Sample Id: 7664359-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	1.40	250	254	102	254	102	90-110	0	20	mg/kg	10.17.18 20:53	

Analytical Method: Chloride by EPA 300

Seq Number: 3066738

Parent Sample Id: 602542-009

Matrix: Soil

MS Sample Id: 602542-009 S

Prep Method: E300P

Date Prep: 10.17.18

MSD Sample Id: 602542-009 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	290	250	577	115	559	108	80-120	3	20	mg/kg	10.17.18 18:24	

Analytical Method: Chloride by EPA 300

Seq Number: 3066738

Parent Sample Id: 602552-001

Matrix: Soil

MS Sample Id: 602552-001 S

Prep Method: E300P

Date Prep: 10.17.18

MSD Sample Id: 602552-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	5.45	25.0	132	506	130	498	80-120	2	20	mg/kg	10.17.18 15:42	X

Analytical Method: Chloride by EPA 300

Seq Number: 3066740

Parent Sample Id: 602542-018

Matrix: Soil

MS Sample Id: 602542-018 S

Prep Method: E300P

Date Prep: 10.17.18

MSD Sample Id: 602542-018 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	669	250	957	115	965	118	80-120	1	20	mg/kg	10.18.18 08:54	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec



QC Summary 602542

BCC, Inc.-Lubbock Texland Petroleum

Analytical Method: DRO-ORO By SW8015B

Seq Number: 3067015

MB Sample Id: 7664494-1-BLK

Matrix: Solid

LCS Sample Id: 7664494-1-BKS

Prep Method: SW8015P

Date Prep: 10.19.18

LCSD Sample Id: 7664494-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Diesel Range Organics (DRO)	<7.48	100	111	111	106	106	63-139	5	20	mg/kg	10.19.18 13:56	
Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date			
Tricosane	88		106		89		65-144	%	10.19.18 13:56			
n-Triacontane	74		66		55		46-152	%	10.19.18 13:56			

Analytical Method: DRO-ORO By SW8015B

Seq Number: 3067015

Parent Sample Id: 602542-001

Matrix: Soil

MS Sample Id: 602542-001 S

Prep Method: SW8015P

Date Prep: 10.19.18

MSD Sample Id: 602542-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Diesel Range Organics (DRO)	<7.54	101	126	125	120	120	63-139	5	20	mg/kg	10.19.18 15:57	
Surrogate			MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date			
Tricosane			179	**	172	**	65-144	%	10.19.18 15:57			
n-Triacontane			111		111		46-152	%	10.19.18 15:57			

Analytical Method: BTEX by EPA 8021B

Seq Number: 3066878

MB Sample Id: 7664453-1-BLK

Matrix: Solid

LCS Sample Id: 7664453-1-BKS

Prep Method: SW5030B

Date Prep: 10.17.18

LCSD Sample Id: 7664453-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00904	2.00	1.87	94	1.85	93	55-120	1	20	mg/kg	10.17.18 21:01	
Toluene	<0.00468	2.00	1.82	91	1.79	90	77-120	2	20	mg/kg	10.17.18 21:01	
Ethylbenzene	<0.00616	2.00	1.85	93	1.82	91	77-120	2	20	mg/kg	10.17.18 21:01	
m,p-Xylenes	<0.00682	4.00	3.72	93	3.67	92	78-120	1	20	mg/kg	10.17.18 21:01	
o-Xylene	<0.00682	2.00	1.89	95	1.86	93	78-120	2	20	mg/kg	10.17.18 21:01	
Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date			
4-Bromofluorobenzene	82		85		83		68-120	%	10.17.18 21:01			
a,a,a-Trifluorotoluene	82		85		84		71-121	%	10.17.18 21:01			

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 $\text{Log Diff.} = \text{Log}(\text{Sample Duplicate}) - \text{Log}(\text{Original Sample})$

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec



QC Summary 602542

BCC, Inc.-Lubbock Texland Petroleum

Analytical Method: BTEX by EPA 8021B

Seq Number: 3066878

Parent Sample Id: 602542-001

Matrix: Soil

MS Sample Id: 602542-001 S

Prep Method: SW5030B

Date Prep: 10.17.18

MSD Sample Id: 602542-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00820	1.81	1.61	89	1.61	84	54-120	0	25	mg/kg	10.18.18 00:16	
Toluene	<0.00425	1.81	1.62	90	1.63	85	57-120	1	25	mg/kg	10.18.18 00:16	
Ethylbenzene	<0.00559	1.81	1.66	92	1.66	86	58-131	0	25	mg/kg	10.18.18 00:16	
m,p-Xylenes	<0.00619	3.63	3.34	92	3.33	87	62-124	0	25	mg/kg	10.18.18 00:16	
o-Xylene	<0.00619	1.81	1.64	91	1.63	85	62-124	1	25	mg/kg	10.18.18 00:16	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	81		102		68-120	%	10.18.18 00:16
a,a,a-Trifluorotoluene	85		111		71-121	%	10.18.18 00:16

Analytical Method: TPH GRO by EPA 8015 Mod.

Seq Number: 3066881

MB Sample Id: 7664455-1-BLK

Matrix: Solid

LCS Sample Id: 7664455-1-BKS

Prep Method: SW5030B

Date Prep: 10.17.18

LCSD Sample Id: 7664455-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-GRO	<0.271	20.0	19.2	96	20.1	101	35-129	5	20	mg/kg	10.17.18 21:50	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	83		112		85		76-123	%	10.17.18 21:50
a,a,a-Trifluorotoluene	81		113		85		69-120	%	10.17.18 21:50

Analytical Method: TPH GRO by EPA 8015 Mod.

Seq Number: 3066881

Parent Sample Id: 602542-001

Matrix: Soil

MS Sample Id: 602542-001 S

Prep Method: SW5030B

Date Prep: 10.17.18

MSD Sample Id: 602542-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-GRO	<0.262	19.3	16.6	86	15.5	90	35-129	7	20	mg/kg	10.18.18 01:04	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	93		112		76-123	%	10.18.18 01:04
a,a,a-Trifluorotoluene	98		115		69-120	%	10.18.18 01:04

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Service Center-Amarillo, TX (806)678-4514
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San Antonio, TX (210) 509-3334

El Paso, TX (915) 585-3443
Lubbock, TX (806) 794-1296

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Xenco Job #

17

Client / Reporting Information		Project Information		Analytical Information	Matrix Codes
Company Name / Branch: BCC, Inc.	Project Name/Number: Texland Petroleum	Project Location: State 'A' 29 Well #7	Invoice To: BCC, Inc. P.O. Box 53427 Lubbock, TX, 79453		
Company Address: 3302 122nd Lubbock, TX. 79424	Phone No: (806) 771-8033			8021 B	W = Water
Project Contact: Paul Porter				5W8015 B	S = Soil/Sed/Solid
				300	GW = Ground Water
				8015 Mod.	DW = Drinking Water
					P = Product
					SW = Surface Water
					SL - Sludge
					OW = Ocean/Sea Water
					WI = Wipe
					O = Oil
					WW = Waste Water
					A = Air

[illegible]

Turnaround Time (Business days)		Data Deliverable Information			Notes:
☐ Same Day TAT	☐ 5 Day TAT	☐ Level II Std QC	☐ Level IV (Full Data Pkg /raw data)		
☐ Next Day EMERGENCY	☐ 7 Day TAT	☐ Level III Std QC+ Forms	☐ TRRP Level IV		
☐ 2 Day EMERGENCY	☐ Contract TAT	☐ Level 3 (CLP Forms)	☐ UST / RG -411		
☐ 3 Day EMERGENCY		☐ Level II Report with TRRP checklist			

TAT Starts Day received by Lab, if received by 5:00 pm		FED-EX / UPS: Tracking #	
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY			
Relinquished by Sample	Date Time:	Received By:	Received By:
1 <i>[Signature]</i>	10/17/18	2 <i>[Signature]</i>	2
Relinquished by:	Date Time:	Relinquished By:	Received By:
3		4	4
Relinquished by:	Date Time:	Received By:	Ph Ice ☒ Cooler Temp. <i>1103.2.0</i>
		5	Thermo, Corr. Factor

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the Client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75 will be applied to each project. Xenco's liability will be limited to the cost of samples. Any samples received by Xenco but not analyzed will be invoiced at \$5 per sample. These terms will be enforced unless previously negotiated under a fully executed client contract.



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CHAIN OF CUSTODY

Page 2 of 2

Revision 2016.1

Client / Reporting Information		Project Information		Analytical Information		Matrix Codes	
Company Name / Branch: BCC, Inc.		Project Name/Number: Texland Petroleum					
Company Address: 3302 122nd Lubbock, TX 79424		Project Location: State 'A' 29 Well #7					
Email: bcccorp@aol.com		Phone No: (806) 771-8033					
Project Contact: Paul Porter		Invoice To: BCC, Inc. P.O. Box 53427 Lubbock, TX 79453					
Samplers Name: Paul Porter		PO Number:					
Field ID / Point of Collection		Collection		Number of preserved bottles		Field Comments	
No.	Sample Depth	Date	Time	Matrix	# of bottles		
1	53	10/16	2:10	S	1		
2	54	10/16	2:15	S	1		
3	55	10/16	2:20	S	1		
4	56	10/16	2:27	S	1		
5	57	10/16	2:45	S	1		
6	58	10/16	2:50	S	1		
7	59	10/16	2:54	S	1		
8	510	10/16	3:00	S	1		
9							
10							
Turnaround Time (Business days)		Data Deliverable Information		Notes:			
☐ Same Day TAT		☐ Level II Std QC		☐ Level IV (Full Data Pkg / raw data)			
☐ Next Day EMERGENCY		☐ Level III Std QC+ Forms		☐ TRRP Level IV			
☐ 2 Day EMERGENCY		☐ Level 3 (CLP Forms)		☐ UST / RG-411			
☐ 3 Day EMERGENCY		☐ Level II Report with TRRP checklist					
TAT Starts Day received by Lab, if received by 5:00 pm				FED-EX / UPS: Tracking #			
Relinquished by Sampler:		Date Time:		Relinquished By:		Received By:	
1 Paul Porter		10/17/18		10/17		2	
Relinquished by:		Date Time:		Relinquished By:		Received By:	
3				3		4	
Relinquished by:		Date Time:		Relinquished By:		Received By:	
5				5		4	
				Custody Seal #		On Ice Cooler Temp. Thermo. Corr. Factor	
				1		183.20	

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XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: BCC, Inc.-Lubbock

Date/ Time Received: 10/17/2018 09:09:00 AM

Work Order #: 602542

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR3

Sample Receipt Checklist

Comments

#1 *Temperature of cooler(s)?	2
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	N/A
#5 Custody Seals intact on sample bottles?	N/A
#6 *Custody Seals Signed and dated?	N/A
#7 *Chain of Custody present?	Yes
#8 Any missing/extra samples?	No
#9 Chain of Custody signed when relinquished/ received?	Yes
#10 Chain of Custody agrees with sample labels/matrix?	Yes
#11 Container label(s) legible and intact?	Yes
#12 Samples in proper container/ bottle?	Yes
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	No
#18 Water VOC samples have zero headspace?	N/A

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:

PH Device/Lot#:

Checklist completed by:

Ashley Derstine

Date: 10/17/2018

Checklist reviewed by:

Brandi Ritcherson

Date: 10/18/2018